z/OS
2.5

JES3 Data Areas Volume 1 (IATYADA - IATYSRS)

GA32-1011-50

Note

Before using this information and the product it supports, read the information in "Notices" on page 1837.

This edition applies to Version 2 Release 5 of z/OS® (5650-ZOS) and to all subsequent releases and modifications until otherwise indicated in new editions.

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Chapter 1. JES3 data areas

This topic describes the JES3 data areas IATYADA - IATYSRS.

IATYADA information

IATYADA heading information

Common name:	Authorization Data Area
Macro ID:	IATYADA
DSECT name:	ADASTART
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	ADA Offset: 0 Length: 4
Storage attributes:	Subpool: 229 Key: 1 (JESKEY)
Size:	See module listing
Created by:	IATSIAU
Pointed to by:	REG6 in IATSIAU SDWAPARM in SIAUARR (IATSIAU)
Serialization:	None
Function:	Work area for IATSIAU

IATYADA mapping

Table 1. Structure ADASTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	ADASTART	
0	(0)	CHARACTER	4	ADAID	Eyecatcher "ADA "
4	(4)	BITSTRING	4	ADAPSW1	Bits 0-31 of stacked PSW
4	(4)	X'4'	0	ADAPSWB1	"ADAPSW1,1" PSW bits 0-7 (0,R,000,T,I,E)
4	(4)	X'5'	0	ADAPSWB2	"ADAPSW1+1,1" PSW bits 8-15 (key, 0,M,W,P)
		1...		ADAPRKEY	"X'80'" Key 8-15
		1		ADAPROBS	"X'01'" Problem state
4	(4)	X'6'	0	ADAPSWB3	"ADAPSW1+2,1" PSW bits 16-23 (AS, CC, mask)
4	(4)	X'7'	0	ADAPSWB4	"ADAPSW1+3,1" PSW bits 24-31 (0000000, EA)
8	(8)	ADDRESS	4	ADASSCT	SSCT address supplied by SSI caller in R0
12	(C)	ADDRESS	4	ADASSOB	SSOB address supplied by SSI caller in R1
12	(C)	X'8'	0	ADAR01	"ADASSCT,8,C'F'" R0 and R1 passed in to SSI
16	(10)	BITSTRING	1	ADAKEY	Save area for key
17	(11)	BITSTRING	1	ADAFLAG1	Flag byte
		Definition of ADAFLAG1			

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Table 1. Structure ADASTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		ADAAREQ	"X'80'" Caller must be authorized in order to use this SSI
		.1..		ADARECUR	"X'40'" Recovery recursion flag
		..1.		ADASSOBU	"X'20'" Accessing SSOB in IATSIAU
		...1		ADASSOBS	"X'10'" SSOB access successful
		.... 1...		ADAFL108	"X'08'" Reserved flag byte
		.... .1..		ADAFL104	"X'04'" Reserved flag byte
		.... ..1.		ADAFL102	"X'02'" Reserved flag byte
		1		ADAFL101	"X'01'" Reserved flag byte
18	(12)	SIGNED	2	ADASSIFN	SSI function code
20	(14)	BITSTRING	4	ADARSVD1	Reserved for IBM
24	(18)	SIGNED	4	ADARSVD2(3)	Reserved for IBM
36	(24)	SIGNED	4	ADADUMPL(0)	SDUMP PARAMETER LIST
36	(24)	ADDRESS	1		FLAG BYTE
37	(25)	ADDRESS	1		FLAG BYTE
38	(26)	ADDRESS	1		FLAG BYTE
39	(27)	ADDRESS	1		FLAG BYTE
40	(28)	ADDRESS	4		ADDRESS OF DCB
44	(2C)	ADDRESS	4		ADDRESS OF STORAGE LIST
48	(30)	ADDRESS	4		ADDRESS OF USER DATA
52	(34)	ADDRESS	4		ADDRESS OF ECB/SRB
56	(38)	ADDRESS	2		CURRENT ASID
58	(3A)	ADDRESS	2		OTHER ASID
60	(3C)	ADDRESS	4		ADDRESS OF ASID LIST
64	(40)	ADDRESS	4		ADDRESS OF SUMLIST/SUMLSTA LIST
68	(44)	ADDRESS	4		RESERVED
72	(48)	ADDRESS	4		RESERVED
76	(4C)	ADDRESS	1		FLAG BYTE
77	(4D)	ADDRESS	1		CONTROL FLAG BYTE
78	(4E)	ADDRESS	1		TYPE FLAG BYTE
79	(4F)	ADDRESS	1		VERSION
80	(50)	ADDRESS	1		EXIT FLAG BYTE
81	(51)	ADDRESS	1		EXIT FLAG BYTE
82	(52)	ADDRESS	1		SDATA OPTIONS
83	(53)	ADDRESS	1		RESERVED SDATA OPTIONS
84	(54)	ADDRESS	4		ADDRESS OF SUBPLST
88	(58)	ADDRESS	4		ADDRESS OF KEYLIST
92	(5C)	ADDRESS	4		RESERVED
96	(60)	ADDRESS	4		ALET OF DCB PARAMETER
100	(64)	ADDRESS	4		ALET OF STORAGE PARAM
104	(68)	ADDRESS	4		ALET OF HDR PARAMETER
108	(6C)	ADDRESS	4		ALET OF ASIDLST PARAM
112	(70)	ADDRESS	4		ALET OF SUMLIST PARAM
116	(74)	ADDRESS	4		ALET OF SUBPLST PARAM
120	(78)	ADDRESS	4		ALET OF KEYLIST PARAM
124	(7C)	ADDRESS	4		No LIST64/LISTD

Table 1. Structure ADASTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
128	(80)	ADDRESS	4		No ALET for LISTD/LIST64
132	(84)	ADDRESS	4		No SUMLSTL or SUMLIST64
136	(88)	ADDRESS	4		ALET SUMLSTL or SUMLIST64
140	(8C)	ADDRESS	4	(2)	RESERVED
148	(94)	SIGNED	4	ADAEND(0)	End of data area
148	(94)	X'94'	0	ADASIZE	"ADAEND-ADASTART" Size of data area

```
------------------------------------------------------------ 10131SYA
        Equates 10131SYA
------------------------------------------------------------ 10131SYA
```

148	(94)	X'E5'	0	ADASUBPL	"229" ADA storage subpool 10131SYA

Table 2. Cross Reference for IATYADA

Name	Offset	Hex Tag
ADAAREQ	11	80
ADADUMPL	24	
ADAEND	94	
ADAFLAG1	11	
ADAFL101	11	1
ADAFL102	11	2
ADAFL104	11	4
ADAFL108	11	8
ADAID	0	
ADAKEY	10	
ADAPRKEY	4	80
ADAPROBS	4	1
ADAPSWB1	4	4
ADAPSWB2	4	5
ADAPSWB3	4	6
ADAPSWB4	4	7
ADAPSW1	4	
ADARECUR	11	40
ADARSVD1	14	
ADARSVD2	18	
ADAR01	C	8
ADASIZE	94	94
ADASSCT	8	
ADASSIFN	12	
ADASSOB	C	
ADASSOBS	11	10
ADASSOBU	11	20
ADASTART	0	
ADASUBPL	94	E5

IATYARL information

IATYARL heading information

Common name:	ALLOCATION REQUIREMENTS LIST
Macro ID:	IATYARL
DSECT name:	ARLSTART
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	ARL Offset: 0 Length: 4
Storage attributes:	Main Storage: JES3 Private Area (JESPOOL) Auxiliary Storage: N/A
Size:	72 Bytes
Created by:	IATMDAR
Pointed to by:	RQARLADD in IATYRSQ ARLFCHN in IATYARL
Serialization:	NONE
Function:	The ARL control block is a list of the resources that a job was not able to obtain on a previous allocation attempt. It is built/updated after allocation failures, scanned prior to giving a job an allocation attempt, and deleted when the job leaves the MDS Allocate Queue or if the ARL chain cannot be extended.

IATYARL mapping

Table 3. Structure ARLSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	ARLSTART	
0	(0)	CHARACTER	4	ARLCHAR	CONTROL BLOCK ID
4	(4)	ADDRESS	4	ARLFCHN	NEXT ARL FOR JOB
8	(8)	SIGNED	2	ARLSCAN	NUMBER OF JST READS BYPASSED DUE TO ARL PRE-ALLOC SCAN
10	(A)	SIGNED	2	ARLRFRSH	NUM OF FAILED ALLOC ATTEMPTS DESPITE SUCCESSFUL ARL SCAN
12	(C)	ADDRESS	4	ARLRSQ	POINTER TO JOB'S RESQUEUE
16	(10)	BITSTRING	1	ARLMAIN	INDEX OF LAST PROCESSOR FOR ALLOC ATTEMPT OR ARL SCAN
17	(11)	BITSTRING	1	ARLHFLG1	ARL HEADER FLAG
		1...		ARLJHDV	"X'80'" ARL HAS NON-SPEC DEVICE ENTRIES
		.1..		ARLJHMS	"X'40'" ARL HAS MSS DEVICE ENTRIES
18	(12)	BITSTRING	2	ARLRESV1	RESERVED FOR DEVELOPMENT
20	(14)	ADDRESS	4	ARLLSTX	FIRST ARL UNITNAME LIST EXT
24	(18)	SIGNED	4	ARLHEND(0)	END OF HEADER
24	(18)	X'18'	0	ARLHSIZ	"(ARLHEND-ARLSTART)" SIZE OF ARL HEADER

Table 4. Structure ARLENT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	ARLENT	

Table 4. Structure ARLENT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	BITSTRING	1	ARLENTRY	TYPE OF ENTRY
		1...		ARLDEV	"X'80'" DEVICE ENTRY
		.1..		ARLVOL	"X'40'" VOLUME ENTRY
		..1.		ARLDSN	"X'20'" DATASET ENTRY
		.... 1...		ARLTERM	"X'08'" LAST ENTRY IN BUFFER
0	(0)	X'E0'	0	ARLUSED	"ARLDEV+ARLVOL+ARLDSN" ENTRY IN USE
1	(1)	BITSTRING	1	ARLBODY(0)	START OF VARIABLE PORTION
REMAINDER OF ARL DEVICE ENTRY					
1	(1)	BITSTRING	1	ARLDEVTY	TYPE OF DEVICE REQUEST
		1...		ARLMSS	"X'80'" MSS
		.1..		ARLSPEC	"X'40'" SPECIFIC DEVICE REQUEST
2	(2)	SIGNED	2	ARLLISTC	NUM. OF REQUESTS WITH LISTS
4	(4)	ADDRESS	4	ARLNAME	SETUNIT OR SETNAME ADDRESS
8	(8)	SIGNED	2	ARLDEVRQ	NUMBER OF DEVICES REQUESTED
10	(A)	SIGNED	2	ARLDEVFL	NUMBER THAT WERE UNAVAILABLE
REMAINDER OF ARL VOLUME/DATASET ENTRY					
1	(1)	BITSTRING	1	ARLVOLTY	FLAG FOR VOLUME ENTRY
		1...		ARLVDEV	"X'80'" VOLUME'S DEVICE FAILURE
		.1..		ARLVALL	"X'40'" VOLUME ALLOCATION FAILURE
1	(1)	BITSTRING	1	ARLDSNTY	FLAG FOR DATASET ENTRY
		1...		ARLDSNFL	"X'80'" DATASET ALLOCATION FAILED
		.1..		ARLGDGBL	"X'40'" FAILED TO ALLOCATE A GDG BASE
2	(2)	BITSTRING	1	ARLFLG1	RESOURCE CHARACTERISTICS
		1...		ARLVEXC	"X'80'" JOB REQUIRES EXCL VOL USE
		.1..		ARLDEXC	"X'40'" JOB REQUIRES EXCL DATASET USE
		..1.		ARLHEXC	"X'20'" HOST EXCLUSIVE REQUEST
3	(3)	BITSTRING	1	ARLRESV4	RESERVED FOR SERVICE
4	(4)	ADDRESS	4	ARLVOLAD	ADDRESS OF SETVOL
8	(8)	ADDRESS	4	ARLDSNAD	ADDRESS OF SETDSN
12	(C)	SIGNED	4	ARLEEND(0)	END OF ENTRY
12	(C)	X'C'	0	ARLESIZ	"(ARLEEND-ARLENT)" SIZE OF ARL ENTRY
12	(C)	X'4'	0	ARLENTNO	"4" NUMBER OF ENTRIES PER BUFFER
12	(C)	X'48'	0	ARLTSIZ	"ARLENTNO*ARLESIZ+ARLHSIZ" TOTAL SIZE OF ARL BUFFER

Table 5. Structure ARLXHEAD

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	ARLXHEAD	
0	(0)	CHARACTER	4	ARLXCHAR	CONTROL BLOCK ID
4	(4)	ADDRESS	4	ARLXNEXT	NEXT ARL LIST EXTENSION
8	(8)	CHARACTER	8	ARLXNAME	UNIT NAME

Table 6. Cross Reference for IATYARL

Name	Offset	Hex Tag
ARLBODY	1	
ARLCHAR	0	C1D9D340
ARLDEV	0	80
ARLDEVFL	A	0
ARLDEVRQ	8	0
ARLDEVTY	1	
ARLDEXC	2	40
ARLDSN	0	20
ARLDSNAD	8	
ARLDSNFL	1	80
ARLDSNTY	1	
ARLEEND	C	
ARLENT	0	
ARLENTNO	C	4
ARLENTRY	0	
ARLESIZ	C	C
ARLFCHN	4	
ARLFLG1	2	
ARLGDGBL	1	40
ARLHEND	18	
ARLHEXC	2	20
ARLHFLG1	11	
ARLHSIZ	18	18
ARLJHDV	11	80
ARLJHMS	11	40
ARLLISTC	2	
ARLLSTX	14	
ARLMAIN	10	0
ARLMSS	1	80
ARLNAME	4	
ARLRESV1	12	
ARLRESV4	3	
ARLRFRSH	A	0
ARLRSQ	C	
ARLSCAN	8	0
ARLSPEC	1	40
ARLSTART	0	
ARLTERM	0	8
ARLTSIZ	C	48
ARLUSED	0	E0
ARLVALL	1	40
ARLVDEV	1	80
ARLVEXC	2	80
ARLVOL	0	40
ARLVOLAD	4	
ARLVOLTY	1	

Table 6. Cross Reference for IATYARL (continued)

Name	Offset	Hex Tag
ARLXCHAR	0	C1D9D3E7
ARLXHEAD	0	
ARLXNAME	8	
ARLXNEXT	4	

IATYASR information

IATYASR heading information

Common name: Available Spool Records

Macro ID: IATYASR

DSECT name: ASRSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: ASR
Offset: 0
Length: 4

Storage attributes: Subpool: 0 (JES3 Address Space)

Size: See module listing

Created by: IATISEN
IATOSOR2

Pointed to by: ASRCHN in IATYASR
ASRWKFDB in IATYASR
JCTASRFD in IATYJCT
RQASRFDB in IATYRSQ

Serialization: None

Function: Available spool record address list

IATYASR mapping

Table 7. Structure ASRSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	ASRSTART	
0	(0)	BITSTRING	6	ASRTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	ASRCNT	USER COUNT.
8	(8)	CHARACTER	4	ASRID	File id.
12	(C)	BITSTRING	12	ASRCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	ASRVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	ASRDATA(0)	START OF USER DATA AREA.
28	(1C)	SIGNED	2	ASRHLEN	Length of ASR header
30	(1E)	SIGNED	2	ASRTLEN	Total length of ASR
32	(20)	BITSTRING	6	ASRPREV	Previous ASR spool address
38	(26)	BITSTRING	12	ASRRSVD1	Reserved for IBM
50	(32)	BITSTRING	1	ASRVERSN	ASR version number
50	(32)	X'1'	0	ASRINITV	"1" Initial ASR version
50	(32)	X'1'	0	ASRCVER	"ASRINITV" Current ASR version
51	(33)	BITSTRING	1	ASRFLAG1	Flag byte
		Definition of ASRFLAG1			
		1...		ASRWRITE	"X'80'" ASR write required

Table 7. Structure ASRSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.1..		ASRF1040	"X'40'" Reserved for IBM
		..1.		ASRF1020	"X'20'" Reserved for IBM
		...1		ASRF1010	"X'10'" Reserved for IBM
		.... 1...		ASRF1008	"X'08'" Reserved for IBM
		.... .1..		ASRF1004	"X'04'" Reserved for IBM
		.... ..1.		ASRF1002	"X'02'" Reserved for IBM
		1		ASRF1001	"X'01'" Reserved for IBM
52	(34)	SIGNED	4	ASRRSVD2(3)	Reserved for IBM
64	(40)	SIGNED	2	ASREMPTY	Offset to next empty slot
66	(42)	SIGNED	2	ASRCKETY	Offset to next empty slot as checkpointed on spool
68	(44)	SIGNED	4	ASRJOBNO	Job number
72	(48)	SIGNED	4	ASRHEND(0)	End of IATYASR header
72	(48)	X'48'	0	ASRHSIZE	"ASRHEND-ASRSTART" Size of ASR header area

Table 8. Structure ASRENTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	ASRENTRY	, ASR entry
0	(0)	BITSTRING	4	ASRTERM	Terminator x'FFFFFFFF'
0	(0)	BITSTRING	0	ASRSPADR(0)	Available spool rec address
0	(0)	BITSTRING	2	ASRM	Spool record module no. (M)
2	(2)	BITSTRING	4	ASRR	Spool record record no. (R)
6	(6)	BITSTRING	2	ASRRSVD3	Padding
6	(6)	X'8'	0	ASREEND	"*" End of IATYASR entry
6	(6)	X'8'	0	ASRESIZE	"ASREEND-ASRENTRY" Size of ASR entry
6	(6)	X'1'	0	ASRGETBF	"1" Get an OSE/WOSE buffer
6	(6)	X'2'	0	ASRRTNBF	"2" Return an OSE/WOSE buffer
6	(6)	X'3'	0	ASRREAD	"3" Read ASR
6	(6)	X'4'	0	ASRADDSR	"4" Add record to ASR
6	(6)	X'5'	0	ASRWRIT1	"5" Write a single ASR record
6	(6)	X'6'	0	ASRWRREL	"6" Write or release ASR chain
6	(6)	X'7'	0	ASRJBTRM	"7" Write ASR chain at job term
6	(6)	X'7'	0	ASRMAXFC	"ASRJBTRM" Maximum defined functn code
6	(6)	X'0'	0	ASRSUCCS	"0" Successful return code
6	(6)	X'D'	0	ASRERRL2	"13" ARELEASE error (not ASR)
6	(6)	X'E'	0	ASRERPUR	"14" Error issuing APURGE
6	(6)	X'63'	0	ASRJSMAX	"99" Maximum return code for JSAM error
6	(6)	X'64'	0	ASRBADCD	"100" Invalid function code
6	(6)	X'BF'	0	ASRABEND	"191" Abend during ASR processing
6	(6)	X'A'	0	ASRENCNT	"10" Number of new ASR entries that forces the ASR to be written to spool

Table 9. Cross Reference for IATYASR

Name	Offset	Hex Tag
ASRABEND	6	BF
ASRADDSR	6	4
ASRBADCD	6	64
ASRCHN	C	0
ASRCKETY	42	0
ASRCNT	6	0
ASRCVER	32	1
ASRDATA	1C	
ASREEND	6	8
ASREMPTY	40	0
ASRENCNT	6	A
ASRENTRY	0	
ASRERPUR	6	E
ASRERRL2	6	D
ASRESIZE	6	8
ASRFLAG1	33	0
ASRF1001	33	1
ASRF1002	33	2
ASRF1004	33	4
ASRF1008	33	8
ASRF1010	33	10
ASRF1020	33	20
ASRF1040	33	40
ASRGETBF	6	1
ASRHEND	48	
ASRHLEN	1C	0
ASRHSIZE	48	48
ASRID	8	C1E2D940
ASRINITV	32	1
ASRJBTRM	6	7
ASRJOBNO	44	0
ASRJSMAX	6	63
ASRM	0	0
ASRMAXFC	6	7
ASRPREV	20	0
ASRR	2	0
ASRREAD	6	3
ASRRSVD1	26	0
ASRRSVD2	34	0
ASRRSVD3	6	0
ASRRTNBF	6	2
ASRSPADR	0	
ASRSTART	0	
ASRSUCCS	6	0
ASRTERM	0	0
ASRTLEN	1E	0

Table 9. Cross Reference for IATYASR (continued)

Name	Offset	Hex Tag
ASRTRK	0	0
ASRVERSN	32	0
ASRVLID	18	0
ASRWRITE	33	80
ASRWRIT1	6	5
ASRWRREL	6	6

IATYATDE information

IATYATDE programming interface information

IATYATDE is a programming interface.

IATYATDE heading information

Common name: AUX TASK DISPATCHING ELEMENT

Macro ID: IATYATDE

DSECT name: ATDE

Owning component: JES3 (SC1BA)

Eye-catcher ID: ATDE
Offset: 0
Length: 4

Storage attributes: Main Storage: SUBPOOL 0
Auxiliary Storage: N/A

Size: 64 Bytes

Created by: IATINAT
IATGRG1 (IATXATDE SERVICE)

Pointed to by: FCTATDE in IATYFCT
ATCBARQ in IATYATCB
ATCBATDC in IATYATCB
ATCBPOOL in IATYATCB

Serialization: NONE

Function: Control Block used by the JES3 AUX task to dispatch an FCT under the AUX TASK TCB.

IATYATDE mapping

Table 10. Structure ATDE

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	ATDE	AUX TASK DISPATCHING BLOCK
0	(0)	SIGNED	4	ATDENEXT	ADDRESS OF NEXT ATDE ON CHAIN
4	(4)	CHARACTER	4	ATDEID	EBDIC IDENTIFIER FOR ATDE
8	(8)	BITSTRING	10	ATDEAWLR	DISPATCHING INSTR. SEQ. TO GET ECF ADDR AND NEXT ATDE ADDR
18	(12)	BITSTRING	4	ATDEAWTM	TM TO TEST WAIT CONDITION
22	(16)	BITSTRING	4	ATDEAWBC	BC IF WAIT CONDITION NOT SATISFIED
26	(1A)	BITSTRING	2	ATDEAWBU	BR TO DISPATCH FCT ASSOC. WITH ATDE
28	(1C)	SIGNED	4	ATDEECFA	AWAIT ECF ADDRESS
32	(20)	BITSTRING	1	(3)	MUST BE ZERO
35	(23)	BITSTRING	1	ATDEMASK	AWAIT ECF MASK

Table 10. Structure ATDE (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
36	(24)	SIGNED	4	ATDEFCT	ADDR OF ASSOCIATED FCT
40	(28)	SIGNED	4	ATDEATCB	ADDR OF ATCB WHEN DISPATCHED ELSE 0
44	(2C)	BITSTRING	1	ATDEPRTY	FCT PRIORITY FOR THIS ATDE
		DEFINITION OF ATDEDISP			
45	(2D)	BITSTRING	1	ATDEDISP	DISPATCHING CONTROL SWITCH
		....		ATDENTSK	"X'00'" DISPATCH UNDER JES3 NUC TASK
		1111 1111		ATDEATSK	"X'FF'" DISPATCH UNDER JES3 AUX TASK
		DEFINITION OF ATDEFLG1 SERIALIZED BY COMPARE AND SWAP			
46	(2E)	BITSTRING	1	ATDEFLG1	WORK FLAG BYTE *** USE CS INSTR ***
		1...		ATDEATCH	"X'80'" ATTACH ATDE TO DISPATCHING CHAIN
		.1..		ATDEDTCH	"X'40'" DETACH ATDE FROM DISPATCHING CHAIN
		..11 1111		ATDERSV1	"X'3F'" RESERVED FOR DEVELOPMENT
47	(2F)	BITSTRING	1	ATDERSV2	RESERVED FOR DEVELOPMENT
48	(30)	SIGNED	4	ATDEWORK(2)	WORK AREA FOR SETMODE
56	(38)	SIGNED	4	ATDERSV3(2)	RESERVED FOR DEVELOPMENT
64	(40)	SIGNED	4	ATDEEND(0)	END OF ATDE
64	(40)	X'40'	0	ATDESIZE	"*-ATDE" SIZE OF ATDE

Table 11. Cross Reference for IATYATDE

Name	Offset	Hex Tag
ATDE	0	
ATDEATCB	28	
ATDEATCH	2E	80
ATDEATSK	2D	FF
ATDEAWBC	16	
ATDEAWBU	1A	
ATDEAWLR	8	
ATDEAWTM	12	
ATDEDISP	2D	
ATDEDTCH	2E	40
ATDEECFA	1C	
ATDEEND	40	
ATDEFCT	24	
ATDEFLG1	2E	
ATDEID	4	
ATDEMASK	23	
ATDENEXT	0	
ATDENTSK	2D	0
ATDEPRTY	2C	
ATDERSV1	2E	3F
ATDERSV2	2F	
ATDERSV3	38	

Table 11. Cross Reference for IATYATDE (continued)

Name	Offset	Hex Tag
ATDESIZE	40	40
ATDEWORK	30	

IATYAWA information

IATYAWA programming interface information

The following field is **NOT** programming interface information:

- AWADYR

IATYAWA heading information

Common name:	ALLOCATION WORK AREA
Macro ID:	IATYAWA
DSECT name:	AWA, AWAOSTRT
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Auxiliary Storage: N/A Subpool: 236
Size:	AWA - AWAMBUF AWAOSTRT - AWASIZE
Created by:	IATSIJS
Pointed to by:	MEMALLOC in IATYMEM
Serialization:	NONE
Function:	This data area provides the work area used by the SSI allocation routines.

IATYAWA mapping

Table 12. Structure AWA

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	AWA	
0	(0)	SIGNED	4	AWABGN(0)	START OF AWA DSECT
0	(0)	SIGNED	4	AWASVARA(18)	REG SAVE AREA CHAIN FIELD
0	(0)	X'C'	0	AWASVREG	"AWASVARA+12" REGISTERS SAVED HERE
72	(48)	SIGNED	4	AWASSOB	POINTER TO INPUT SSOB 7547
76	(4C)	SIGNED	2		AVAILABLE EXPANSION AREA
78	(4E)	SIGNED	2	AWAREADS	CNT SSI JST READS CURENT JOB
80	(50)	BITSTRING	8	AWAJOB	CURRENT JOB ID
88	(58)	BITSTRING	6	AWATRK1	SPL ADDR, LAST JST STEP ENT.
94	(5E)	BITSTRING	6	AWATRK2	SPL ADDR, LAST JST RCD READ
100	(64)	SIGNED	4	AWASADR	CORE LOC. OF LAST STEP ENTRY
104	(68)	BITSTRING	1	AWAFLG1	AWAFLG1 FLAG 1
		1...		AWABALLC	"X'80'" APPC TP- BATCH ALLOCATION CALL
		.1..		AWANODYN	"X'40'" JES DIDNOT DO DYN ALLOC
		..1.		AWANOJST	"X'20'" NO JST RECORDS EXIST FOR JOB
		...1		AWADYNAL	"X'10'" SEND SA TO DYNAL FCT

Table 12. Structure AWA (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		AWADMDS	"X'08'" SEND SA TO MDS
		.... .1..		AWADYAGM	"X'04'" IATSIDA - DYA OBTAINED
		.... ..1.		AWABYP	"X'02'" DYNALDSN/UX32 'BYPASS' OR 'PROTECT' INDICATOR. ON=BYPASS, OFF=PROTECT
		1		AWADDFND	"X'01'" JST DD ENTRY EXISTS
105	(69)	BITSTRING	1	AWAFLG2	TRACE FLAGS AND CODES
		1...		AWNOTFND	"X'80'" JST NOT FOUND
		.1..		AWUPDTCU	"X'40'" CU BUF SENT FOR MISSED STEPS
		..1.		AWRSMSG2	"X'20'" TR MSG2 MUST BE RESTORED
		...1		AWAMSVGP	"X'10'" MSVGP ALLOCATION FAILURE
		.... .111		AWSENT	"X'07'" BUF SENT CODE, BITS 5-7
105	(69)	X'1'	0	AWSENTCA	"1" CA BUF SENT TO GLOBAL
105	(69)	X'2'	0	AWSENTDA	"2" DA BUF SENT TO GLOBAL
105	(69)	X'3'	0	AWSENTCU	"3" CU BUF SENT TO GLOBAL
105	(69)	X'4'	0	AWSENTDU	"4" DU BUF SENT TO GLOBAL
105	(69)	X'5'	0	AWSENTVR	"5" VR BUF SENT TO GLOBAL
105	(69)	X'D7'	0	AWATRACE	"AWNOTFND+AWUPDTCU+AWAMSVGP+AWSENT" TRACE BITS
106	(6A)	BITSTRING	1	AWASTEP	LAST MATCHING STEP NO.
107	(6B)	BITSTRING	1	AWACUSN	LAST STEPNO THRU COM DEALOC
108	(6C)	SIGNED	4	AWAECB	SSISERVE ECB
112	(70)	SIGNED	4	AWASWAP(0)	PARM LIST FOR LOC. SWA MANAGER
	SWAREQ MF=L				
112	(70)	SIGNED	4	(0)	SWA MANAGER PARAMETER LIST
112	(70)	ADDRESS	4	EPA@0003	ADDR OF EPA FOR SWA MANAGER
116	(74)	ADDRESS	4	FCD@0003	ADDR OF FUNCTION CODE FOR SWA MANAGER
120	(78)	SIGNED	4	AWAEPA(0)	LOCATE MODE SWA MGR. EPA
120	(78)	BITSTRING	1	(0)	
136	(88)	ADDRESS	4	AWAEPAP	POINTER TO THE EPA
	FORMAT OF ALLOCATION SSI'S OUTPUT BUFFER				
140	(8C)	BITSTRING	96	AWAOBUF	OUTPUT BUFFER
140	(8C)	SIGNED	2	AWADSIZE	SIZE OF DATA IN OUTPUT BUF
142	(8E)	SIGNED	2	AWAMDSRC(0)	MDS RETURN CODE TO SSI
142	(8E)	BITSTRING	1	AWASTEPN	STEP NO ASSOCIATED WITH RQST
143	(8F)	BITSTRING	1	AWATYPE	REQST TYPE (SAME AS MDSSECF)
144	(90)	CHARACTER	8	AWAJBID	JOB ID OF ASSOCIATED RQST
152	(98)	BITSTRING	1	AWAODATA(0)	FUNCTION DEPENDENT DATA
	COMMON ALLOCATION DATA AREA FORMAT				
152	(98)	CHARACTER	8	AWCADDNM	DDNAME BEING ALLOCATED
160	(A0)	BITSTRING	2	AWCARPN	DDNAME RELATIVE POSITION NO.
162	(A2)	CHARACTER	44	AWCADSN	DSNAME OF DATASET BEING ALOC
206	(CE)	BITSTRING	1	AWCAEND(0)	END OF COMMON ALOCATION DATA

Table 12. Structure AWA (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
206	(CE)	BITSTRING	0	AWCASIZE(0)	LENGTH OF COMMON ALOC DATA
		DEALLOCATION DATA AREA FORMAT			
152	(98)	BITSTRING	1	AWCUFUNC	DEALLOCATION FUNCTION CODE
		.... ..1.		AWCUVR	"X'02'" EARLY VOLUME RELEASE BUFFER
		.... .1..		AWCUCU	"X'04'" COMMON DEALLOCATION BUFFER
		.... 1...		AWCUDU	"X'08'" DYNAMIC DEALLOCATION BUFFER
		...1		AWCUTPU	"X'10'" TRANSACTION PROGRAM- STEP DEALLOCATION
		...1 1...		AWCUFDY	"X'18'" DYNAMIC DE-ALLOC FOR FAILED DYNAMIC ALLOCATION
153	(99)	BITSTRING	1	AWCUSTEP	STEP NUMBER BEING DEALOCATED
154	(9A)	SIGNED	2	AWCUBUFN	DJST BUF NUM TO DEALLOC
156	(9C)	BITSTRING	1	AWCUCEND(0)	END OF COMMON DEALLOC DATA
156	(9C)	BITSTRING	0	AWCUCSIZ(0)	LENGTH OF COMN DEALOC DATA
156	(9C)	CHARACTER	8	AWCUDDNM	DDNAME BEING DYN DEALOCATED
164	(A4)	BITSTRING	2	AWCURPN	DDNAME RELATIVE POSITION NO.
166	(A6)	BITSTRING	1	AWCUDEND(0)	END OF DYNAMIC DEALOC DATA
166	(A6)	BITSTRING	0	AWCUDSIZ(0)	LENGTH OF DYN DEALOC DATA
166	(A6)	CHARACTER	6	AWCUVOL	VOLUME BEING EARLY VOL RELEASED
172	(AC)	BITSTRING	1	AWCUVEND(0)	END OF EARLY VOL REL DATA
172	(AC)	BITSTRING	0	AWCUVSIZ(0)	LENGTH OF EARLY VOL REL DATA
		CHANGE DDNAME DATA AREA FORMAT			
152	(98)	SIGNED	2	AWDDCNT	NO. OF DDNAME PAIRS IN BUF
154	(9A)	BITSTRING	1	AWDDNTRY(0)	START OF CHANGE DDNAME ENTRY
154	(9A)	CHARACTER	8	AWDDODDN	DDNAME TO BE CHANGED
162	(A2)	SIGNED	2	AWDDORPN	RELATIVE POS. NO. OF OLD DDN
164	(A4)	CHARACTER	8	AWDDNDDN	NEW DDNAME
172	(AC)	SIGNED	2	AWDDNRPN	RELATIVE POS. NO. OF NEW DDN
174	(AE)	BITSTRING	1	AWDDEEND(0)	END OF CHANGE DDNAME ENTRY
174	(AE)	BITSTRING	0	AWDDFSIZ(0)	SIZE OF CHANGE DDN HEADER
174	(AE)	BITSTRING	0	AWDDESIZ(0)	SIZE OF CHANGE DDN ENTRY
		CHANGE ENQ USE DATA AREA FORMAT			
152	(98)	CHARACTER	44	AWNQDSN	DSNAME WHOSE DISP TO CHANGE
196	(C4)	BITSTRING	1	AWNQFLG1	FLAG 1
		1...		AWNQSTEX	"X'80'" CHANGE FROM SHR TO EXCLUSIVE
197	(C5)	BITSTRING	1	AWNQFLG2	FLAG 2
198	(C6)	BITSTRING	1	AWNQEND(0)	END OF CHANGE ENQ DATA
198	(C6)	BITSTRING	0	AWNQSIZE(0)	SIZE OF CHANGE ENQ DATA
		ESTAE PARAMETER LIST ESTAE MF=L			
152	(98)	SIGNED	4	(0)	
152	(98)	ADDRESS	1	AWAESTA	FLAGS FOR TCB,PURGE,ASYNCH, AND CANCEL

Table 12. Structure AWA (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
153	(99)	ADDRESS	3		FIELD NO LONGER USED
156	(9C)	ADDRESS	4		PARM. LIST ADDR. NOT SPECIFIED
160	(A0)	ADDRESS	4		TCB NOT SPECIFIED
164	(A4)	ADDRESS	1		FLAGS
165	(A5)	ADDRESS	1		THIRD FLAG BYTE
166	(A6)	ADDRESS	2		RESERVED
168	(A8)	ADDRESS	4		TOKEN VALUE AREA
172	(AC)	ADDRESS	4		EXIT ADDR NOT SPECD

```
        SDUMP PARAMETER LIST
SDUMP   SDATA=(ALLPSA,ALLNUC,RGN,CSA,TRT,LPA,SQA,SWA,SUM),
        MF=L
```

152	(98)	SIGNED	4	AWASDMP(0)	SDUMP PARAMETER LIST
152	(98)	ADDRESS	1		FLAG BYTE
153	(99)	ADDRESS	1		FLAG BYTE
154	(9A)	ADDRESS	1		FLAG BYTE
155	(9B)	ADDRESS	1		FLAG BYTE
156	(9C)	ADDRESS	4		ADDRESS OF DCB
160	(A0)	ADDRESS	4		ADDRESS OF STORAGE LIST
164	(A4)	ADDRESS	4		ADDRESS OF USER DATA
168	(A8)	ADDRESS	4		ADDRESS OF ECB/SRB
172	(AC)	ADDRESS	2		CURRENT ASID
174	(AE)	ADDRESS	2		OTHER ASID
176	(B0)	ADDRESS	4		ADDRESS OF ASID LIST
180	(B4)	ADDRESS	4		ADDRESS OF SUMLIST/SUMLSTA LIST
184	(B8)	ADDRESS	4		RESERVED
188	(BC)	ADDRESS	4		RESERVED
192	(C0)	ADDRESS	1		FLAG BYTE
193	(C1)	ADDRESS	1		CONTROL FLAG BYTE
194	(C2)	ADDRESS	1		TYPE FLAG BYTE
195	(C3)	ADDRESS	1		VERSION
196	(C4)	ADDRESS	1		EXIT FLAG BYTE
197	(C5)	ADDRESS	1		RESERVED SDATA/EXIT
198	(C6)	ADDRESS	1		SDATA OPTIONS
199	(C7)	ADDRESS	1		RESERVED SDATA OPTIONS
200	(C8)	ADDRESS	4		ADDRESS OF SUBPLST
204	(CC)	ADDRESS	4		ADDRESS OF KEYLIST
208	(D0)	ADDRESS	4		RESERVED
212	(D4)	ADDRESS	4	(2)	RESERVED 9#

```
        MSS SSISERV BUFFER AREA
        AREA 'AWAMBUF' IS USED TO HOLD THE SSISERV
        BUFFER FOR THE 'END OF COMMON ALLOCATION
        FOR STEP' SUB-SYSTEM INTERFACE, AND FOR THE
        MSVC VOLUME SELECT REQUEST WHICH IS BUILT
        TO CAUSE MDS TO ALLOCATE A VIRTUAL UNIT FOR
        AN MSVGP WITH ZERO CONCURRENT USERS. THE
        DATA FORMAT DESCRIPTION IS CONTAINED IN THE
        MSS SSI WORK AREA DSECT GENERATED BY
        'IATYMWA'. 'AWAMBUF' MUST BE AT LEAST AS
        LONG AS 'MWAMBUF' IN THAT DSECT.
```

Table 12. Structure AWA (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
236	(EC)	SIGNED	4	(0)	FULL-WORD ALIGN BUFFER AREA
236	(EC)	BITSTRING	40	AWAMBUF	MSS SSISERV BUFFER AREA
276	(114)	SIGNED	4	(0)	Ensure fullword alignment
276	(114)	BITSTRING	44	AWAIBUF	AWA INPUT BUFFER FOR JSERV
320	(140)	SIGNED	4	(0)	Ensure fullword alignment
320	(140)	BITSTRING	1	AWASEL	SERVICE ENTRANCE LIST BLOCK
		FOR MACRO IOSGEN, 16 FULLWORDS ARE NEEDED FOR THE SAVE AREA. ALSO, ANOTHER FULLWORD IS NEEDED TO SAVE REGISTER 3 WHICH POINTS TO THE SAVE AREA.			
432	(1B0)	SIGNED	2	AWASAS(0)	
432	(1B0)	SIGNED	4	AWAIOSGN(16)	SAVE AREA FOR IOSGEN
496	(1F0)	SIGNED	4	AWASAVRG	REGISTER SAVE AREA
		FOR MACROS LIKE LINK, IFGXATL, AND UCBDEVN, THE FIRST 18 FULLWORDS ARE USED FOR THE SAVE AREA. ANOTHER 20 BYTES ARE NEEDED FOR ROUTINE IEFAB49C'S PARAMETER LIST. FOR UCBDEVN, A FOUR BYTE UCB DEVICE NUMBER IS IS NEEDED FOR THE MACRO CALL.			
432	(1B0)	SIGNED	4	AWAMACSV(18)	SAVE AREA FOR MACROS
504	(1F8)	SIGNED	4	AWA49CPL(5)	IEFAB49C PARM LIST SAVE AREA
		THE FOLLOWING 2 LABELS MAP THE PARAMETER LIST TO BE PASSED TO IFGXATL. THEY MUST MAP 12 CONTIGUOUS BYTES			
504	(1F8)	X'1F8'	0	AWASMSUT	"AWA49CPL,8" FIRST LIBRARY UNITNAME
504	(1F8)	X'200'	0	AWAULIST	"AWASMSUT+8,4" POINTER TO UNITNAME LIST
504	(1F8)	X'204'	0	AWADYASV	"AWAULIST+4,4" ADDRESS OF ORIGINAL DYA WHILE EXTENDED DYA'S IN USE
524	(20C)	SIGNED	4	AWAUCBAD	4 BYTES UCB ADDRESS
528	(210)	ADDRESS	4	AWADYR	LIFO CHAIN OF IATYDYR
532	(214)	SIGNED	4	AWADYNCT	DYNAL DYN ALLOC COUNT
		FOLLOWING FOUR WORDS RESERVED FOR USE BY ALLOC SSI SAMPLER			
536	(218)	DBL WORD	8	(0)	FIELDS USED TO STCK.
536	(218)	SIGNED	4	AWANTIM	NEW TIME
540	(21C)	SIGNED	4	AWANMIN	NEW TIME (MINUTES)
544	(220)	SIGNED	4	AWAOTIM	OLD TIME
548	(224)	SIGNED	4	AWAOMINS	OLD TIME (MINUTES)
		END OF FIELDS RESERVED FOR ALLOC SSI SAMPLER.			
552	(228)	SIGNED	4	AWARSAV1	REG SAVE AREA FOR SICA
556	(22C)	SIGNED	4	AWARSAV2	REG SAVE AREA FOR SICA
560	(230)	SIGNED	4	AWACHNMR(2)	JST CHAIN SAVE AREA SICA 2274
568	(238)	CHARACTER	4	AWADYUCB	DEVICE NUMBER FOR DYNAL
572	(23C)	BITSTRING	1	AWAVRKEY	USER'S PROTECT KEY SAVE AREA
573	(23D)	BITSTRING	1	AWARSVS1(2)	RESERVED FOR SERVICE
575	(23F)	BITSTRING	1	AWAFUNC	FUNCTION CODE FOR IATSICA

Table 12. Structure AWA (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF AWAFUNC			
		1...		AWACAREQ	"X'80'" COMMON ALLOCATION REQUEST
		.1..		AWACUREQ	"X'40'" COMMON UNALLOCATION REQUEST
		..1.		AWADAREQ	"X'20'" DYNAMIC ALLOCATION REQUEST
		...1		AWADUREQ	"X'10'" DYNAMIC UNALLOC REQUEST
576	(240)	SIGNED	2	AWARSVS2	RESERVED FOR SERVICE
578	(242)	SIGNED	2	AWADYNID	DYNAMIC ALLOCATON ID
580	(244)	SIGNED	4	AWARSVU1(2)	AVAILABLE FOR USER
588	(24C)	BITSTRING	148	AWAVFY	RESERVE SPACE FOR VMSG
736	(2E0)	SIGNED	4	(0)	FULL-WORD ALIGN
736	(2E0)	BITSTRING	72	AWAVMVR	VOLUME MOUNT AND VERIFY REQUEST BLOCK
808	(328)	SIGNED	4	AWAPAD(12)	INSURANCE FOR INCREASE IN SIZE OF VMVR
856	(358)	ADDRESS	4	AWASUTKN	SETUNITs access token address
860	(35C)	ADDRESS	4	AWASNTKN	SETNAMEs access token address
864	(360)	ADDRESS	4	AWADYTKN	DYNALDSN access token address
868	(364)	ADDRESS	4	AWASETUN	SETUNITS address from IATXMVDA service
872	(368)	ADDRESS	4	AWASETNM	SETNAMES address from IATXMVDA service
876	(36C)	ADDRESS	4	AWADYD	DYNALDSN address from IATXMVDA service
880	(370)	CHARACTER	8	AWAPINTK	TOKEN USED TO UNPIN A UCB
888	(378)	SIGNED	4	AWADSBL	Parameter for SICADSBL 15606T6C
892	(37C)	SIGNED	4	AWARSVD6	Reserved for development
896	(380)	SIGNED	4	AWARSVD7	Reserved for development
900	(384)	SIGNED	4	AWARSVS3	Reserved for service
904	(388)	SIGNED	4	AWARSVS4	Reserved for service
908	(38C)	SIGNED	4	AWARSVS5	Reserved for service
912	(390)	SIGNED	4	AWARSVS6	Reserved for service
916	(394)	SIGNED	4	AWARSVS7	Reserved for service
		UCBLOOK parameter list area UCBLOOK MF=(L,AWAUCBLK) UCBLOOK parameter list MACDATE -03/18/08-<3>			
0	(0)	X'398'	0	M00M0010	"AWAUCBLK" ++ UCBLOOK NAME
920	(398)	DBL WORD	8	AWAUCBLK(0)	++ UCBLOOK PARM LIST
920	(398)	BITSTRING	1	AWAUCBLK_XVERSION	++ INPUT XVERSION
921	(399)	BITSTRING	1	AWAUCBLK_XSCHSET	++
922	(39A)	BITSTRING	2	AWAUCBLK_XDEVN	++
924	(39C)	CHARACTER	4	AWAUCBLK_XDEVNCHAR	++
928	(3A0)	CHARACTER	6	AWAUCBLK_XVOLSER	++
934	(3A6)	BITSTRING	1	AWAUCBLK_XDEVCLASS	++ XDEVCLASS
934	(3A6)	X'0'	0	AWAUCBLK_XDEVCLASS_DASDTAPE	"0" ++ XDEVCLASS.DASDTAPE KEYWORD
934	(3A6)	X'1'	0	AWAUCBLK_XDEVCLASS_TAPE	"1" ++ XDEVCLASS.TAPE KEYWORD
934	(3A6)	X'2'	0	AWAUCBLK_XDEVCLASS_DASD	"2" ++ XDEVCLASS.DASD KEYWORD

Table 12. Structure AWA (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
935	(3A7)	BITSTRING	1	AWAUCBLK_XRESERVED2	++ FIELD_LABEL
		1...		AWAUCBLK_XNOTFIND_YES	"B'10000000'" ++ XNOTFIND.YES KEYWORD
936	(3A8)	ADDRESS	4	AWAUCBLK_XUCBPTR	++
940	(3AC)	CHARACTER	5	AWAUCBLK_XCOMPID	++
945	(3B1)	BITSTRING	1	AWAUCBLK_XMASK	++ FIELD_LABEL
		1...		AWAUCBLK_XNONBASE_YES	"B'10000000'" ++ XNONBASE.YES KEYWORD
		.1..		AWAUCBLK_XDYNAMIC_NO	"B'01000000'" ++ XDYNAMIC.NO KEYWORD
		..1.		AWAUCBLK_XRANGE_3DIGIT	"B'00100000'" ++ XRANGE.3DIGIT KEYWORD
		...1		AWAUCBLK_XLOC_ANY	"B'00010000'" ++ XLOC.ANY KEYWORD
		.... 1...		AWAUCBLK_XSPECIAL_YES	"B'00001000'" ++ XSPECIAL.YES KEYWORD
		1		AWAUCBLK_XUNBOUND_ALIAS_YES	"B'00000001'" ++ XUNBOUND_ALIAS.YES KEYWORD
946	(3B2)	BITSTRING	1	AWAUCBLK_XFLAGS	++ FIELD_LABEL
		1...		AWAUCBLK_KEYUSED_DEVN	"B'10000000'" ++ KEYUSED.DEVN KEYWORD
		.1..		AWAUCBLK_KEYUSED_DEVNCHAR	"B'01000000'" ++ KEYUSED.DEVNCHAR KEYWORD
		..1.		AWAUCBLK_KEYUSED_VOLSER	"B'00100000'" ++ KEYUSED.VOLSER KEYWORD
		...1		AWAUCBLK_KEYUSED_LASTING	"B'00010000'" ++ KEYUSED.LASTING KEYWORD
		.... 1...		AWAUCBLK_KEYUSED_COMPID	"B'00001000'" ++ KEYUSED.COMPID KEYWORD
		.... .1..		AWAUCBLK_KEYUSED_HELP	"B'00000100'" ++ KEYUSED.HELP KEYWORD
		.... ..1.		AWAUCBLK_KEYUSED_PIN	"B'00000010'" ++ KEYUSED.PIN KEYWORD
		1		AWAUCBLK_KEYUSED_PINPATHS	"B'00000001'" ++ KEYUSED.PINPATHS KEYWORD
947	(3B3)	BITSTRING	1	AWAUCBLK_XFLAGS2	++ FIELD_LABEL
		1...		AWAUCBLK_KEYUSED_UCBCXPTR	"B'10000000'" ++ KEYUSED.UCBCXPTR KEYWORD
		.1..		AWAUCBLK_KEYUSED_UCBPXPTR	"B'01000000'" ++ KEYUSED.UCBPXPTR KEYWORD
		..1.		AWAUCBLK_KEYUSED_LDEVNCHAR	"B'00100000'" ++ KEYUSED.LDEVNCHAR KEYWORD
		...1		AWAUCBLK_KEYUSED_SCHSET	"B'00010000'" ++ KEYUSED.SCHSET KEYWORD
948	(3B4)	ADDRESS	4	AWAUCBLK_XTEXT_ADDR	++ ADDR
952	(3B8)	SIGNED	4	AWAUCBLK_XTEXT_ALET	++ ALET
956	(3BC)	CHARACTER	8	AWAUCBLK_XPTOKEN	++
964	(3C4)	CHARACTER	8	AWAUCBLK_XHELP	++
972	(3CC)	ADDRESS	4	AWAUCBLK_XIOCTOKEN_ADDR	++ ADDR
976	(3D0)	SIGNED	4	AWAUCBLK_XIOCTOKEN_ALET	++ ALET
980	(3D4)	ADDRESS	4	AWAUCBLK_XUCBPAREA_ADDR	++ ADDR
984	(3D8)	SIGNED	4	AWAUCBLK_XUCBPAREA_ALET	++ ALET
988	(3DC)	ADDRESS	4	AWAUCBLK_XUCBCXPTR	++
992	(3E0)	ADDRESS	4	AWAUCBLK_XUCBPXPTR	++
996	(3E4)	CHARACTER	5	AWAUCBLK_XLDEVNCHAR	++
1001	(3E9)	CHARACTER	3	AWAUCBLK_XRESERVED1	++ FIELD_LABEL
1001	(3E9)	X'54'	0	AWAUCBLKL	"*-AWAUCBLK" ++ LENGTH OF PLIST

Table 12. Structure AWA (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
				UCBLOOK-3	
				UCBPIN parameter list area UCBPIN MF=(L,AWAUCBPN) UCBPIN parameter list	
				MACDATE -11/17/06-<1>	
0	(0)	X'398'	0	M00M0011	"AWAUCBPN" ++ UCBPIN NAME
920	(398)	DBL WORD	8	AWAUCBPN(0)	++ UCBPIN PARM LIST
920	(398)	BITSTRING	1	AWAUCBPN_XVERSION	++ INPUT XVERSION
921	(399)	BITSTRING	1	AWAUCBPN_XFLAGS	++ FIELD_LABEL
		1...		AWAUCBPN_KEYUSED_PIN	"B'10000000'" ++ KEYUSED.PIN KEYWORD
		.1..		AWAUCBPN_KEYUSED_UNPIN	"B'01000000'" ++ KEYUSED.UNPIN KEYWORD
		..1.		AWAUCBPN_KEYUSED_LASTING	"B'00100000'" ++ KEYUSED.LASTING KEYWORD
		...1		AWAUCBPN_KEYUSED_COMPID	"B'00010000'" ++ KEYUSED.COMPID KEYWORD
		.... 1...		AWAUCBPN_KEYUSED_HELP	"B'00001000'" ++ KEYUSED.HELP KEYWORD
		.... .1..		AWAUCBPN_KEYUSED_PINPATHS	"B'00000100'" ++ KEYUSED.PINPATHS KEYWORD
		.... ..1.		AWAUCBPN_KEYUSED_NOVAL	"B'00000010'" ++ KEYUSED.NOVAL KEYWORD
922	(39A)	CHARACTER	5	AWAUCBPN_XCOMPID	++
927	(39F)	CHARACTER	1	AWAUCBPN_XRESERVED1	++ FIELD_LABEL
928	(3A0)	ADDRESS	4	AWAUCBPN_XUCBPTR	++
932	(3A4)	ADDRESS	4	AWAUCBPN_XTEXT_ADDR	++ ADDR
936	(3A8)	SIGNED	4	AWAUCBPN_XTEXT_ALET	++ ALET
940	(3AC)	CHARACTER	8	AWAUCBPN_XPTOKEN	++
948	(3B4)	CHARACTER	8	AWAUCBPN_XHELP	++
956	(3BC)	ADDRESS	4	AWAUCBPN_XIOCTOKEN_ADDR	++ ADDR
960	(3C0)	SIGNED	4	AWAUCBPN_XIOCTOKEN_ALET	++ ALET
964	(3C4)	CHARACTER	10	AWAUCBPN_XRESERVED2	++ FIELD_LABEL
964	(3C4)	X'36'	0	AWAUCBPNL	"*-AWAUCBPN" ++ LENGTH OF PLIST
				UCBPIN-1	
1004	(3EC)	SIGNED	4	AWAEND(0)	END OF AWA
1004	(3EC)	BITSTRING	1	AWASIZE(0)	SIZE OF AWA
				ALLOCATION SSI TRACE FORMAT	
				THE FIRST PART OF THE TRACE RECORD HAS THE FOLLOWING FORMAT: MODNAME-FUNC JOB JOBNAME (JOBID) STEPNO RC=RETCODE	
140	(8C)	BITSTRING	1	TRACERCD(0)	TRACE RECORD TO BE PRINTED
140	(8C)	CHARACTER	8	TRACMODN	MODULE NAME FOLLOWED BY "-"
148	(94)	CHARACTER	3	TRACFUNC	FUNCTION BEING EXECUTED
151	(97)	CHARACTER	1		FILLER
152	(98)	CHARACTER	3	TRACJHR	'JOB'
155	(9B)	CHARACTER	1		FILLER

Table 12. Structure AWA (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
156	(9C)	CHARACTER	8	TRACJNM	JOB NAME MAKING REQUEST
164	(A4)	CHARACTER	1		FILLER
165	(A5)	CHARACTER	1	TRACJLP	'('
166	(A6)	CHARACTER	8	TRACJOB	JOB ID MAKING REQUEST
174	(AE)	CHARACTER	1	TRACJRP	')'
175	(AF)	CHARACTER	1		FILLER
176	(B0)	CHARACTER	8	TRACSTEP	STEP NUMBER MAKING REQUEST
184	(B8)	CHARACTER	1		FILLER
185	(B9)	CHARACTER	3	TRACRCC	'RC ='
188	(BC)	CHARACTER	2	TRACRC	RETURN CODE TO MVS
190	(BE)	CHARACTER	2		FILLER
192	(C0)	CHARACTER	11	TRACMSG	PUT SENT COMMENTS HERE
	THE SECOND PART OF THE MESSAGE APPEARS IF THERE IS ADDITIONAL INFORMATION TO TRACE AS INDICATED BY AWAFLG2.				
192	(C0)	CHARACTER	5		FILLER
197	(C5)	CHARACTER	2	TRACMSNT	BUFFER TYPE SENT TO GLOBAL
199	(C7)	CHARACTER	1		FILLER
200	(C8)	CHARACTER	3	TRACMCUP	USED IF CU UPDATE BUF SENT
203	(CB)	BITSTRING	1	TRACEND(0)	END OF FIRST MSG
203	(CB)	BITSTRING	0	TRACNO2(0)	END WITHOUT SECOND MSG
203	(CB)	CHARACTER	1		FILLER
204	(CC)	CHARACTER	32	TRACMSG2	SPECIAL MESSAGES
204	(CC)	CHARACTER	8	TRACDATY	SCTUTYPE OR JSTTYPE PUT HERE
212	(D4)	CHARACTER	1		FILLER
213	(D5)	CHARACTER	8	TRACDADD	DDNAME FROM SIOT OR JST
221	(DD)	CHARACTER	1		FILLER
222	(DE)	CHARACTER	6	TRACDAVS	VOL SER FROM JFCB OR JST
228	(E4)	CHARACTER	1		FILLER
229	(E5)	CHARACTER	7	TRACDAMS	REASON DA NOT JES PROCESSED
204	(CC)	CHARACTER	8	TRACDDNF	DDNAME FOR RQST NOT IN JST
	LENGTH USED ON IATXTRC MACRO.				
204	(CC)	X'18'	0	TRACXLEN	"((L'AWAOBUF)+3)/4" NUMBER OF WORDS IN AWAOBUF

Table 13. Cross Reference for IATYAWA

Name	Offset	Hex Tag
AWA	0	
AWABALLC	68	80
AWABGN	0	
AWABYP	68	2
AWACAREQ	23F	80
AWACHNMR	230	
AWACUREQ	23F	40
AWACUSN	6B	

Table 13. Cross Reference for IATYAWA (continued)

Name	Offset	Hex Tag
AWADAREQ	23F	20
AWADDFND	68	1
AWADMDS	68	8
AWADSBL	378	
AWADSIZE	8C	
AWADUREQ	23F	10
AWADYAGM	68	4
AWADYASV	1F8	204
AWADYD	36C	
AWADYNAL	68	10
AWADYNCT	214	
AWADYNID	242	
AWADYR	210	
AWADYTKN	360	
AWADYUCB	238	
AWAECB	6C	
AWAEND	3EC	
AWAEPA	78	
AWAEPAP	88	
AWAESTA	98	
AWAFLG1	68	
AWAFLG2	69	
AWAFUNC	23F	
AWAIBUF	114	
AWAIOSGN	1B0	
AWAJBID	90	
AWAJOB	50	
AWAMACSV	1B0	
AWAMBUF	EC	
AWAMDSRC	8E	
AWAMSVGP	69	10
AWANMIN	21C	
AWANODYN	68	40
AWANOJST	68	20
AWANTIM	218	
AWAOBUF	8C	
AWAODATA	98	
AWAOMINS	224	
AWAOTIM	220	
AWAPAD	328	
AWAPINTK	370	
AWAREADS	4E	
AWARSAV1	228	
AWARSAV2	22C	
AWARSVD6	37C	
AWARSVD7	380	

Table 13. Cross Reference for IATYAWA (continued)

Name	Offset	Hex Tag
AWARSVS1	23D	
AWARSVS2	240	
AWARSVS3	384	
AWARSVS4	388	
AWARSVS5	38C	
AWARSVS6	390	
AWARSVS7	394	
AWARSVU1	244	
AWASADR	64	
AWASAS	1B0	
AWASAVRG	1F0	
AWASDMP	98	
AWASEL	140	
AWASETNM	368	
AWASETUN	364	
AWASIZE	3EC	
AWASMSUT	1F8	1F8
AWASNTKN	35C	
AWASSOB	48	
AWASTEP	6A	
AWASTEPN	8E	
AWASUTKN	358	
AWASVARA	0	
AWASVREG	0	C
AWASWAP	70	
AWATRACE	69	D7
AWATRK1	58	
AWATRK2	5E	
AWATYPE	8F	
AWAUCBAD	20C	
AWAUCBLK	398	
AWAUCBLK_KEYUSED_COMPID	3B2	8
AWAUCBLK_KEYUSED_DEVN	3B2	80
AWAUCBLK_KEYUSED_DEVNCHAR	3B2	40
AWAUCBLK_KEYUSED_HELP	3B2	4
AWAUCBLK_KEYUSED_LASTING	3B2	10
AWAUCBLK_KEYUSED_LDEVNCHAR	3B3	20
AWAUCBLK_KEYUSED_PIN	3B2	2
AWAUCBLK_KEYUSED_PINPATHS	3B2	1
AWAUCBLK_KEYUSED_SCHSET	3B3	10
AWAUCBLK_KEYUSED_UCBCXPTR	3B3	80
AWAUCBLK_KEYUSED_UCBPXPTR	3B3	40
AWAUCBLK_KEYUSED_VOLSER	3B2	20
AWAUCBLK_XCOMPID	3AC	
AWAUCBLK_XDEVCLASS	3A6	
AWAUCBLK_XDEVCLASS_DASD	3A6	2

Table 13. Cross Reference for IATYAWA (continued)

Name	Offset	Hex Tag
AWAUCBLK_XDEVCLASS_DASDTAPE	3A6	0
AWAUCBLK_XDEVCLASS_TAPE	3A6	1
AWAUCBLK_XDEVN	39A	
AWAUCBLK_XDEVNCHAR	39C	
AWAUCBLK_XDYNAMIC_NO	3B1	40
AWAUCBLK_XFLAGS	3B2	
AWAUCBLK_XFLAGS2	3B3	
AWAUCBLK_XHELP	3C4	
AWAUCBLK_XIOCTOKEN_ADDR	3CC	
AWAUCBLK_XIOCTOKEN_ALET	3D0	
AWAUCBLK_XLDEVNCHAR	3E4	
AWAUCBLK_XLOC_ANY	3B1	10
AWAUCBLK_XMASK	3B1	
AWAUCBLK_XNONBASE_YES	3B1	80
AWAUCBLK_XNOTFIND_YES	3A7	80
AWAUCBLK_XPTOKEN	3BC	
AWAUCBLK_XRANGE_3DIGIT	3B1	20
AWAUCBLK_XRESERVED1	3E9	
AWAUCBLK_XRESERVED2	3A7	
AWAUCBLK_XSCHSET	399	
AWAUCBLK_XSPECIAL_YES	3B1	8
AWAUCBLK_XTEXT_ADDR	3B4	
AWAUCBLK_XTEXT_ALET	3B8	
AWAUCBLK_XUCBCXPTR	3DC	
AWAUCBLK_XUCBPAREA_ADDR	3D4	
AWAUCBLK_XUCBPAREA_ALET	3D8	
AWAUCBLK_XUCBPTR	3A8	
AWAUCBLK_XUCBPXPTR	3E0	
AWAUCBLK_XUNBOUND_ALIAS_YES	3B1	1
AWAUCBLK_XVERSION	398	
AWAUCBLK_XVOLSER	3A0	
AWAUCBLKL	3E9	54
AWAUCBPN	398	
AWAUCBPN_KEYUSED_COMPID	399	10
AWAUCBPN_KEYUSED_HELP	399	8
AWAUCBPN_KEYUSED_LASTING	399	20
AWAUCBPN_KEYUSED_NOVAL	399	2
AWAUCBPN_KEYUSED_PIN	399	80
AWAUCBPN_KEYUSED_PINPATHS	399	4
AWAUCBPN_KEYUSED_UNPIN	399	40
AWAUCBPN_XCOMPID	39A	
AWAUCBPN_XFLAGS	399	
AWAUCBPN_XHELP	3B4	
AWAUCBPN_XIOCTOKEN_ADDR	3BC	
AWAUCBPN_XIOCTOKEN_ALET	3C0	
AWAUCBPN_XPTOKEN	3AC	

Table 13. Cross Reference for IATYAWA (continued)

Name	Offset	Hex Tag
AWAUCBPN_XRESERVED1	39F	
AWAUCBPN_XRESERVED2	3C4	
AWAUCBPN_XTEXT_ADDR	3A4	
AWAUCBPN_XTEXT_ALET	3A8	
AWAUCBPN_XUCBPTR	3A0	
AWAUCBPN_XVERSION	398	
AWAUCBPNL	3C4	36
AWAULIST	1F8	200
AWAVFY	24C	
AWAVMVR	2E0	
AWAVRKEY	23C	
AWA49CPL	1F8	
AWCADDNM	98	
AWCADSN	A2	
AWCAEND	CE	
AWCARPN	A0	
AWCASIZE	CE	
AWCUBUFN	9A	
AWCUCEND	9C	
AWCUCSIZ	9C	
AWCUCU	98	4
AWCUDDNM	9C	
AWCUDEND	A6	
AWCUDSIZ	A6	
AWCUDU	98	8
AWCUFDY	98	18
AWCUFUNC	98	
AWCURPN	A4	
AWCUSTEP	99	
AWCUTPU	98	10
AWCUVEND	AC	
AWCUVOL	A6	
AWCUVR	98	2
AWCUVSIZ	AC	
AWDDCNT	98	
AWDDEEND	AE	
AWDDESIZ	AE	
AWDDFSIZ	AE	
AWDDNDDN	A4	
AWDDNRPN	AC	
AWDDNTRY	9A	
AWDDODDN	9A	
AWDDORPN	A2	
AWNOTFND	69	80
AWNQDSN	98	
AWNQEND	C6	

Table 13. Cross Reference for IATYAWA (continued)

Name	Offset	Hex Tag
AWNQFLG1	C4	
AWNQFLG2	C5	
AWNQSIZE	C6	
AWNQSTEX	C4	80
AWRSMSG2	69	20
AWSENT	69	7
AWSENTCA	69	1
AWSENTCU	69	3
AWSENTDA	69	2
AWSENTDU	69	4
AWSENTVR	69	5
AWUPDTCU	69	40
EPA@0003	70	
FCD@0003	74	
M00M0010	0	398
M00M0011	0	398
TRACDADD	D5	
TRACDAMS	E5	
TRACDATY	CC	
TRACDAVS	DE	
TRACDDNF	CC	
TRACEND	CB	
TRACERCD	8C	
TRACFUNC	94	
TRACJHR	98	
TRACJLP	A5	
TRACJNM	9C	
TRACJOB	A6	
TRACJRP	AE	
TRACMCUP	C8	
TRACMODN	8C	
TRACMSG	C0	
TRACMSG2	CC	
TRACMSNT	C5	
TRACNO2	CB	
TRACRC	BC	
TRACRCC	B9	
TRACSTEP	B0	
TRACXLEN	CC	18

IATYAWR information

IATYAWR heading information

Common name: AWAIT Reason Codes

Macro ID: IATYAWR

DSECT name: DSAWRWRK

Owning component: JES3 (SC1BA)

Eye-catcher ID: 'NONE'
Offset: N/A
Length: N/A

Storage attributes: Auxiliary Storage: N/A
Subpool: N/A
Key: N/A
Residency: N/A

Size: AWCODLEN+AWTXTLEN (For DSAWRWRK)

Created by: IATABN9
IATMFDT

Pointed to by: N/A

Serialization: NONE

Function: This macro defines the AWAIT reason codes that are used when the AWAIT macro is issued with the REASON parameter. The AWAIT reason uniquely identifies why a particular module is waiting.
Note that AWAITs that are of a similar type are grouped under one AWAIT reason code. For example, almost every FCT has a "wait for work" AWAIT. All of these AWAITs should be using the AWRWT4WK reason code.
However, even though a common AWAIT reason code exists, the user may want to define additional AWAIT reason codes to be able to distinguish between different AWAITs in the same module.
For example, suppose a module has ten AWAITs for different types of EXCP requests. It could code REASON=AWREXCPC on each of the AWAIT macros, which would make it difficult to distinguish the particular instance of EXCP it is waiting on. Or it could create new AWAIT reason codes that uniquely identify the EXCP request.

IATYAWR mapping

Table 14. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		
		REASON CODES X'0000' THROUGH X'EFFF' ARE RESERVED 0 FOR JES3 DEVELOPMENT AND SERVICE. 0 ,NO AWAIT REASON CODE IS ASSOCIATED WITH THIS ENTRY			
		....		AWRNORSN	"X'0000'" 0003
		,WAIT FOR WORK OR STANDARD FCT AWAIT			
		1		AWRWT4WK	"X'0001'" 0003
		,WAITING FOR A GENERALIZED SUBTASK TO BECOME AVAILABLE OR TO FINISH PRX			
		.... ..1.		AWRGNSUB	"X'0002'" 0003 0003
		,WAITING FOR SHARED USE OF AN AENQ RESOURCE			
		11		AWRAENQS	"X'0003'" 0003 0003
		,WAITING FOR EXCLUSIVE USE OF AN AENQ RESOURCE			
		.... .1..		AWRAENQE	"X'0004'" 0003 0003
		,WAITING FOR JSS TO BE ACTIVE (JSSACTIV TO BE SET)			

Table 14. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... .1.1		AWRJSACT	"X'0005'" 0003
,WAITING FOR JSS TO BE STARTED (S,JSS COMMAND, I.E. JSSSTART TO BE SEX					
		.... .11.		AWRJSSTR	"X'0006'" 0003 0003
,WAITING FOR STORAGE TO BECOME AVAILABLE FOR AN AGETMAIN REQUEST					
		.... .111		AWRSTORG	"X'0007'" 0003
,WAITING FOR STORAGE TO BECOME AVAILABLE FOR A CELLPOOL REQUEST					
		.... 1...		AWRSTCPL	"X'0008'" 0003 0003
,WAITING FOR A C/I SUBTASK TO COMPLETE CONVERTER/INTERPRETER PROCESSINX					
		.... 1..1		AWRCNVIN	"X'0009'" 0003 0003
,WAITING FOR A CATALOG LOCATE REQUEST TO COMPLETE					
		.... 1.1.		AWRLOCAT	"X'000A'" 0003
,C/I WAITING BECAUSE THE JCL LIMIT HAS BEEN EXCEEDED					
		.... 1.11		AWRJCLLM	"X'000B'" 0003 0003
,FCT IS IN SPECIALIZED RESCHEDULE AND IS WAITING FOR DEVICES TO BECOMEX					
		.... 11..		AWRSPECR	"X'000C'" 0003 0003
,WAITING FOR AN ATIME INTERVAL TO EXPIRE					
		.... 11.1		AWRATIME	"X'000D'" 0003 0003
,WAITING FOR JCT READ SRB TO BECOME AVAILABLE TO ACCESS A JCT DATA SPAX					
		.... 111.		AWRJSRBA	"X'000E'" 0003 0003
,WAITING FOR THE JCT READ SRB TO COMPLETE FOR AN IATXJCT REQUEST (JQXSX					
		 1111		AWRJSRBC	"X'000F'" 0003 0003
,WAITING FOR A JQE TO BECOME AVAILABLE FOR AN IATXJCT TYPE=ADD REQUESTX					
		...1		AWRJQEAV	"X'0010'" 0003 0003
,WAITING FOR JOB NUMBERS TO BECOME AVAILABLE FOR AN AJOBNUM REQUEST (TX					
		...1 ...1		AWRJOBNM	"X'0011'" 0003 0003
,WAITING FOR A JDS TO BECOME AVAILABLE FOR A JDS RELATED MACRO REQUESTX					
		...1 ..1.		AWRJDSAV	"X'0012'" 0003 0003
,WAITING FOR A SUBTASK TO COMPLETE DETACH/TERMINATION PROCESSING					
		...1 ..11		AWRSDTCH	"X'0013'" 0003 0003
,PERMANENT AWAIT - WAIT FOREVER					

Table 14. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		...1 .1..		AWRPERMN	"X'0014'" 0003 0003
,WAITING FOR AN EXCP (E.G. JESEXCP) TO COMPLETE					
		...1 .1.1		AWREXCPC	"X'0015'" 0003 0003
,WAITING FOR MDS RESTART TO COMPLETE					
		...1 .11.		AWRMDSRS	"X'0016'" 0003 0003
,WAITING FOR DEVICE FENCE CONTROL BLOCK (DFCB) TO BECOME AVAILABLE (DFX					
		...1 .111		AWRDFCBA	"X'0017'" 0003 0003
,WAITING FOR AN OSE TO BE RELEASED (RQOSESUP)					
		...1 1...		AWROSEUP	"X'0018'" 0003
,DUMMY AWAIT THAT IS USED TO ALLOW OTHER FCTS TO GET CONTROL					
		...1 1..1		AWRDUMMY	"X'0019'" 0003 0003
,WAITING FOR A PAGE FIX TO COMPLETE					
		...1 1.1.		AWRPGFIX	"X'001A'" 0003 0003
,WAITING FOR A CELL WITHIN A CELLPOOL TO BECOME AVAILABLE					
		...1 1.11		AWRCPOOL	"X'001B'" 0003 0003
,WAITING FOR FILE DIRECTORY ENTRIES TO BECOME AVAILABLE					
		...1 11..		AWRFILDR	"X'001C'" 0003 0003
,WAITING FOR JSAM BUFFERS TO BECOME AVAILABLE					
		...1 11.1		AWRJSAMB	"X'001D'" 0003 0003
,WAITING FOR SPOOL SPACE TO BECOME AVAILABLE					
		...1 111.		AWRSPLSP	"X'001E'" 0003 0003
,WAITING FOR AN ALOADED MODULE TO BE REFRESHED (JDEREQNU)					
		...1 1111		AWRALODR	"X'001F'" 0003 0003
,WAITING FOR A JDE TO BE UNLOCKED (JDELOCK)					
		..1.		AWRJDELK	"X'0020'" 0003 0003
,WAITING FOR SUBTASK ATTACH AND INITIALIZATION TO COMPLETE					
		..1. ...1		AWRSATCH	"X'0021'" 0003 0003
,WAITING FOR MASTER TASK ATTACH AND INITIALIZATION TO COMPLETE					
		..1. ..1.		AWRMATCH	"X'0022'" 0003 0003
,WAITING FOR LOCATE TO COMPLETE LOCATE RESTART PROCESSING DURING CONNEX					

Table 14. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1. ..11		AWRCNLOC	"X'0023'" 0003 0003
,WAITING FOR WTDDRVR TO COMPLETE DEMAND SELECT CANCEL PROCESSING DURINX					
		..1. .1..		AWRCNWTD	"X'0024'" 0003 0003
,WAITING FOR GMS TO COMPLETE GMS RESTART PROCESSING DURING CONNECT					
		..1. .1.1		AWRCNGMS	"X'0025'" 0003 0003
,WAITING FOR VERIFY/MDS TO COMPLETE INITIAL VERIFY PROCESSING DURING CX					
		..1. .11.		AWRCNVER	"X'0026'" 0003 0003
,WAITING FOR A SUBTASK QUEUE DESCRIPTOR (SQD) TO BECOME AVAILABLE					
		..1. .111		AWRSQDAV	"X'0027'" 0003 0003
,WAITING FOR SINGLE RECORD FILE (SRF) INPUT I/O TO COMPLETE					
		..1. 1...		AWRSRFIN	"X'0028'" 0003 0003
,WAITING FOR SINGLE RECORD FILE (SRF) OUTPUT I/O TO COMPLETE					
		..1. 1..1		AWRSRFOT	"X'0029'" 0003 0003
,WAITING FOR MULTI-RECORD FILE (MRF) INPUT I/O TO COMPLETE					
		..1. 1.1.		AWRMRFIN	"X'002A'" 0003 0003
,WAITING FOR MULTI-RECORD FILE (MRF) OUTPUT I/O TO COMPLETE					
		..1. 1.11		AWRMRFOT	"X'002B'" 0003 0003
,WAITING DUE TO A CONSOLE QUEUED-TO-DEPTH (IATCNWO)					
		..1. 11..		AWRCNQTD	"X'002C'" 0003 0003
,WAITING FOR A RESQUEUE FOR THE INTRDR JOB TO BE CREATED (IATDMJA)					
		..1. 11.1		AWRINTRQ	"X'002D'" 0003
,WAITING FOR AN ADDRESS SPACE TO COMPLETE INITIALIZATION					
		..1. 111.		AWRASPIN	"X'002E'" 0003
,WAITING FOR AN ADDRESS SPACE TO TERMINATE					
		..1. 1111		AWRASPTM	"X'002F'" 0003
,WAITING FOR THE JNCB USE COUNT TO BE ZERO					
		..11		AWRJNCBU	"X'0030'" 0003
,WAITING FOR THE NCK LOCK TO BECOME AVAILABLE					
		..11 ...1		AWRNCKLK	"X'0031'" 0003
,WAITING FOR A JQE PRIORITY TO BECOME AVAILABLE					

Table 14. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..11 ..1.		AWRJQEPR	"X'0032'" 0003
,WAITING FOR READ/WRITE ACCESS TO THE JCT (JQERWENQ)					
		..11 ..11		AWRJCTRW	"X'0033'" 0003
,WAITING FOR THE MAXIMUM NUMBER OF JCT READ-ONLYUSERS TO BE DECREASED X					
		..11 .1..		AWRJCMRO	"X'0034'" 0003
,WAITING FOR THE NUMBER OF JCT READ-ONLY USERS TO BECOME ZERO (JQEUCT)					
		..11 .1.1		AWRJCRON	"X'0035'" 0003
,WAITING FOR JCT READ I/O TO COMPLETE (FDBCLOSE)					
		..11 .11.		AWRJCRIO	"X'0036'" 0003
,WAITING FOR A PREVIOUS MAIN PROCESSOR CONNECT TO COMPLETE					
		..11 .111		AWRPVCON	"X'0037'" 0003
,WAITING FOR ANOTHER FCT TO RELEASE CONTROL OF A JDS ENTRY (JDSDSPH)					
		..11 1...		AWRJDSEN	"X'0038'" 0003
,WAITING FOR PTAT MANIPULATION TO COMPLETE (TVTSPCHG)					
		..11 1..1		AWRPTATM	"X'0039'" 0003
,WAITING FOR THE JOBTAT FDB TO BE CLOSED (FDBCLOSE)					
		..11 1.1.		AWRJBTCL	"X'003A'" 0003
,WAITING FOR A JOBTAT READ TO COMPLETE (FDBCLOSE)					
		..11 1.11		AWRJBTRD	"X'003B'" 0003
,WAITING FOR A JOBTAT WRITE TO COMPLETE (FDBCLOSE)					
		..11 11..		AWRJBTWT	"X'003C'" 0003
,WAITING FOR THE IATXCKPT ACCESS METHOD TO BECOME AVAILABLE FOR A READX					
		..11 11.1		AWRCAMRD	"X'003D'" 0003
,WAITING FOR THE IATXCKPT ACCESS METHOD TO BECOME AVAILABLE FOR A WRITX					
		..11 111.		AWRCAMWT	"X'003E'" 0003
,WAITING FOR THE IATXCKPT ACCESS METHOD TO BECOME AVAILABLE FOR A PURGX					
		..11 1111		AWRCAMPR	"X'003F'" 0003
,WAITING FOR I/O ERROR RECOVERY TO COMPLETE					
		.1..		AWRIOERR	"X'0040'" 0003
,WAITING FOR A MINIMAL TRACK CONDITION TO CLEAR UP (TATMINQ)					

Table 14. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.1.. ...1		AWRMINTK	"X'0041'" 0003
,WAITING FOR I/O TO COMPLETE BEFORE PROCESSING AN IATXRELC REQUEST (FDX					
		.1.. ..1.		AWRIORLC	"X'0042'" 0003
,WAITING FOR A RESTART OR A CONNECT COMPLETE POST FROM IATMSR2					
		.1.. ..11		AWRRCPST	"X'0043'" 0003
,WAITING FOR A GMS UPDATE TO COMPLETE (TVTGMSP)					
		.1.. .1..		AWRGMSUP	"X'0044'" 0003
,WAITING FOR A JOB'S JST FDB TO CONTAIN A SPOOL ADDRESS (FDBONSP)					
		.1.. .1.1		AWRJSTOS	"X'0045'" 0003
,WAITING FOR FILE TO BE CLOSED FOR A JESREAD REQUEST (FDBCLOSE)					
		.1.. .11.		AWRJSRAV	"X'0046'" 0003
,WAITING FOR THE FDB TO CONTAIN A SPOOL ADDRESS FOR A JESREAD REQUEST X					
		.1.. .111		AWRJSRSA	"X'0047'" 0003
,WAITING FOR JESREAD I/O COMPLETION					
		.1.. 1...		AWRJSRIO	"X'0048'" 0003
,WAITING FOR AWRITE I/O COMPLETION					
		.1.. 1..1		AWRAWTIO	"X'0049'" 0003
,WAITING FOR WRTCHAIN I/O COMPLETION					
		.1.. 1.1.		AWRWCHIO	"X'004A'" 0003
,WAITING FOR INITIALIZATION ON JES3 GLOBAL TO COMPLETE (TVTGLOBL)					
		.1.. 11..		AWRINITG	"X'004C'" 0003
,WAITING FOR OUTPUT SERVICE RESTART TO COMPLETE (OSDRDONE)					
		.1.. 11.1		AWROSRSC	"X'004D'" 0003
,WAITING FOR A JOB'S JDAB FDB TO CONTAIN A SPOOL ADDRESS (FDBONSP)					
		.1.. 111.		AWRJDAOS	"X'004E'" 0003
,WAITING FOR A STATUS POST					
		.1.. 1111		AWRSTATP	"X'004F'" 0003
,WAITING FOR CLEANUP TO COMPLETE					
		.1.1		AWRCLUP	"X'0050'" 0003
,WAITING FOR SDE CHAIN LOCK FLAG					

Table 14. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.1.1 ...1		AWRSDECL	"X'0051'" 0003
,WAITING FOR SDE PENDING SA LOCK FLAG					
		.1.1 ..1.		AWRSDEPL	"X'0052'" 0003
,WAITING FOR SDE (IDLE DSP) POST					
		.1.1 ..11		AWRSDEP	"X'0053'" 0003
,WAITING FOR SWE CHAIN LOCK FLAG					
		.1.1 .1..		AWRSWECL	"X'0054'" 0003
,WAITING FOR DSP AVAILABILITY					
		.1.1 .1.1		AWRDSPCG	"X'0055'" 0003
,WAITING FOR OUTPUT SERVICE TO RELEASE AN RQ (RQOSBUSY)					
		.1.1 .11.		AWROSBSY	"X'0056'" 0003
,WAITING FOR JOB VALIDATION READ I/O TO COMPLETE					
		.1.1 .111		AWRJVRIO	"X'0057'" 0003
,WAITING FOR JOB VALIDATION WRITE I/O TO COMPLETE					
		.1.1 1...		AWRJVWIO	"X'0058'" 0003
,IATINJQ WAITING FOR A JCT FULL TRACK READ TO COMPLETE (DMCCOMPL)					
		.1.1 1..1		AWRJQJCT	"X'0059'" 0003
,IATINJR WAITING FOR JVW TO BE ADDED TO THE TERMINATION QUEUE					
		.1.1 1.1.		AWRJVTRM	"X'005A'" 0003
,IATINJR WAITING FOR A JCT FULL TRACK READ TO COMPLETE (DMCCOMPL)					
		.1.1 1.11		AWRJRJCT	"X'005B'" 0003
,MDS WAITING FOR AN OPERATOR COMMAND OR MDS RESTART POST					
		.1.1 11..		AWRMDOPR	"X'005C'" 0003
,WAITING FOR THE WRTCHAIN FDB LOCK TO BECOME AVAILABLE (FDBWCHLK)					
		.1.1 11.1		AWRWCHLK	"X'005D'" 0003
,WAITING FOR THE SETDSN LOCK TO BECOME AVAILABLE					
		.1.1 111.		AWRSDSLK	"X'005E'" 0003
,WAITING FOR THE SETVOL LOCK TO BECOME AVAILABLE					
		.1.1 1111		AWRSVLLK	"X'005F'" 0003
,MDS IS WAITING FOR DYNAL TO FINISH USING THE JST (RQJSTDYN)					

Table 14. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.11.		AWRJSDYN	"X'0060'" 0003
,MDS WAITING FOR THE DJST TO BECOME AVAILABLE					
		.11. ...1		AWRMDDJS	"X'0061'" 0003
,WAITING FOR A FILE TO BE CLOSED FOR A WRTCHAIN REQUEST (FDBCLOSE)					
		.11. ..1.		AWRWCHAV	"X'0062'" 0003
,WAITING FOR SAPI DATASPACE COW SERVICES TO INITIALIZE					
		.11. ..11		AWRSCWIC	"X'0063'" 0003
,WAITING FOR RJP I/O TO COMPLETE					
		.11. .1..		AWRRJPIO	"X'0064'" 0003
,WAITING FOR CATALOG SETUP TO COMPLETE					
		.11. .1.1		AWRCATSU	"X'0065'" 0003
,WAITING FOR CATALOG BREAKDOWN TO COMPLETE					
		.11. .11.		AWRCATBK	"X'0066'" 0003
,WAITING FOR FILE TO BE CLOSED FOR AN AWRITE REQUEST (FDBCLOSE)					
		.11. .111		AWRAWTAV	"X'0067'" 0003
,WAITING FOR FILE TO BE CLOSED FOR AN ARELEASE REQUEST (FDBCLOSE)					
		.11. 1...		AWRARLAV	"X'0068'" 0003
,WAITING FOR PSO TO FINISH PROCESSING A REQUEST BEFORE IT CAN BE PURGEX					
		.11. 1..1		AWRPSOPR	"X'0069'" 0003
,WAITING FOR SWA SPOOLING TO COMPLETE					
		.11. 1.1.		AWRSWASP	"X'006A'" 0003
,WAITING FOR SWA PROCESSING TO COMPLETE					
		.11. 1.11		AWRSWAPR	"X'006B'" 0003
,WAITING FOR SWA SUBPOOL FREE PROCESSING TO COMPLETE					
		.11. 11..		AWRSWAFR	"X'006C'" 0003
,WAITING FOR SJF TERMINATION PROCESSING TO COMPLETE					
		.11. 11.1		AWRSJFTM	"X'006D'" 0003
,WAITING TO BE DISPATCHED TO EXECUTE UNDER THE AUX TASK					
		.11. 111.		AWRAUXTD	"X'006E'" 0003
,WAITING TO BE DISPATCHED TO EXECUTE UNDER THE NUC TASK					

Table 14. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.11. 1111		AWRNUCTD	"X'006F'" 0003
,WAITING FOR ATDE TO BE CHAINED TO AUXTASK DISPATCHING QUEUE					
		.111		AWRATDEA	"X'0070'" 0003
,WAITING FOR A JES3 LOCK TO BECOME AVAILABLE					
		.111 ...1		AWRJ3LOK	"X'0071'" 0003
,WAITING FOR AN IATXSIO MULTI-READ REQUEST TO COMPLETE					
		.111 ..1.		AWRMREAD	"X'0072'" 0003
,WAITING FOR ALL INPUT SERVICE FCT'S TO FINISH WITH THIS DJC NET (JNISX					
		.111 ..11		AWRDJISA	"X'0073'" 0003
,WAITING FOR ANOTHER FCT TO FINISH USING THE JNCB FOR A JNCBHLD REQUESX					
		.111 .1..		AWRJNCHL	"X'0074'" 0003
,WAITING FOR AN OPERATOR TO ISSUE A COMMAND					
		.111 .1.1		AWROPERC	"X'0075'" 0003
,WAITING FOR THE WSP TO BE FREED					
		.111 .11.		AWRWSPFR	"X'0076'" 0003
,WAITING FOR A VARY COMMAND TO COMPLETE					
		.111 .111		AWRVARYC	"X'0077'" 0003
,WAITING FOR A MAIN PROCESSOR TO CONNECT OR FLUSH					
		.111 1...		AWRMPCON	"X'0078'" 0003
,WAITING FOR OUTPUT STATEMENT PROCESSING TO COMPLETE					
		.111 1..1		AWROUTSP	"X'0079'" 0003
,WAITING FOR THE FSS INHIBIT INDICATOR TO BE RESET					
		.111 1.1.		AWRFSSIN	"X'007A'" 0003
,WAITING FOR JDS I/O TO COMPLETE					
		.111 1.11		AWRJDSIO	"X'007B'" 0003 0003
,WAITING FOR THE NEXT MFM CYCLE					
		.111 11..		AWRSUSPW	"X'007C'" 0003
,WAITING FOR FSS STARTUP TO COMPLETE					
		.111 11.1		AWRFSSSU	"X'007D'" 0003
,WAITING FOR AN ADDRESS SPACE TO COMPLETE A REQUEST					

Table 14. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.111 111.		AWRASPRQ	"X'007E'" 0003
,WAITING FOR A MULTI-RECORD FILE TO BE CLOSED					
		.111 1111		AWRMRFCL	"X'007F'" 0003
,WAITING FOR RJP SPOOL FILE PURGE TO COMPLETE					
		1...		AWRRJPUR	"X'0080'" 0003
,WAITING FOR RJPCONS TO FINISH USING RJP SPOOL FILE					
		1... ...1		AWRRJCNS	"X'0081'" 0003
,WAITING FOR THE IATXCKPT ACCESS METHOD TO BECOME AVAILABLE FOR A RESEX					
		1... ..1.		AWRCAMRS	"X'0082'" 0003
,WAITING FOR A STARTIO REQUEST TO COMPLETE					
		1... ..11		AWRSTRTI	"X'0083'" 0003
,WAITING FOR A GENERAL NJE SENDER TO RESCHEDULE					
		1... .1..		AWRNJGNR	"X'0084'" 0003
,WAITING FOR A JOB NJE SENDER TO RESCHEDULE					
		1... .1.1		AWRNJJBR	"X'0085'" 0003
,WAITING FOR A SYSOUT NJE SENDER TO RESCHEDULE					
		1... .11.		AWRNJSYR	"X'0086'" 0003
,WAITING FOR SECURITY SUBTASK REQUEST TO COMPLETE					
		1... .111		AWRSSCMP	"X'0087'" 0003
,WAITING FOR SECURITY SUBTASK PURGE REQUEST TO COMPLETE					
		1... 1...		AWRSSPUR	"X'0088'" 0003
,WAITING FOR AN OSS TO BE FREED					
		1... 1..1		AWROSSFR	"X'0089'" 0003
,WAITING FOR A DEVICE TO BECOME READY					
		1... 1.1.		AWRDVRDY	"X'008A'" 0003
,WAITING FOR C/I FSS'S TO DISABLE PROCLIBS					
		1... 1.11		AWRPRDFS	"X'008B'" 0003
,WAITING FOR C/I FSS'S TO ENABLE PROCLIBS					
		1... 11..		AWRPREFS	"X'008C'" 0003
,WAITING FOR A PROCLIB TO NO LONGER BE IN USE					

Table 14. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1... 11.1		AWRPROCN	"X'008D'" 0003
,WAITING FOR A C/I SUBTASK TO CLOSE A PROCLIB					
		1... 111.		AWRPRCCL	"X'008E'" 0003
,WAITING FOR WLM RECLASSIFICATION PROCESSING TO COMPLETE					
		1... 1111		AWRWLRCL	"X'008F'" 0003
,WAITING FOR THE WLM SAMPLING LOCK TO BECOME AVAILABLE					
		1..1		AWRSMPLK	"X'0090'" 0003
,WAITING AS A RESULT OF A DUMP CORE TRAP					
		1..1 ...1		AWRDTRAP	"X'0091'" 0003
,WAITING FOR OUTSERV CHECKPOINT TO BECOME AVAILABLE					
		1..1 ..1.		AWROSCKP	"X'0092'" 0003
,WAITING FOR OUTSERV JDAB TO BECOME AVAILABLE					
		1..1 ..11		AWROSJDA	"X'0093'" 0003
,WAITING FOR OUTSERV RESTART OR NEW WORK					
		1..1 .1..		AWROS4WK	"X'0094'" 0003
,DSI WAITING FOR GLOBAL TO BE DISABLED					
		1..1 .1.1		AWRGDISB	"X'0095'" 0003 0025
,WAITING FOR A GENERAL PURPOSE FCT TO BECOME AVAILABLE OR TO FINISH PRX					
		1..1 .11.		AWRGNFCT	"X'0096'" 0003 0008
,WAITING FOR A NETSERV ADDRESS SPACE TO BECOME ACTIVE					
		1..1 .111		AWRNSACT	"X'0097'" 0003
,WAITING FOR RQ ACCESS COUNT TO BECOME ZERO					
		1..1 1...		AWRRQCNT	"X'0098'" 0003
,WAITING FOR NETSERV MPC TO CONNECT OR RESET					
		1..1 1..1		AWRTCPMP	"X'0099'" 0003 07008SXA
,WAITING FOR SOCKET TO SIGN ON					
		1..1 1.1.		AWRTCPSC	"X'009A'" 0003 07008SXA
,WAITING FOR GENERAL PURPOSE FCT TO DEQUEUE JOB PRIORITY					
		1..1 1.11		AWRWQPRI	"X'009B'" 0003
,WAITING FOR THE SLOTCOPY SUBTASK TO REBUILD THE VALID ARRAY					

Table 14. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1..1 11..		AWRARRBD	"X'009C'" 0003
,WAITING FOR STT MOVE ROUTINE TO UNLOCK AN ENTRY					
		1..1 11.1		AWRSTTMA	"X'009D'" 0003
,WAITING FOR MESSAGE PROCESSING POST					
		1..1 111.		AWRJNMSG	"X'009E'" 0003
,WAITING FOR A RESTART OF A JES3 WRITER					
		1..1 1111		AWRWRTRT	"X'009F'" 0003
,WAITING FOR A SPOOL TO BE DRAINED					
		1.1.		AWRSPDRN	"X'00A0'" 0003
,WAITING FOR DEVICE INITIALIZATION IN MODULE IATINVR TO COMPLETE					
		1.1. ...1		AWRINDEV	"X'00A1'" 0003 02366TAA
,WAITING FOR ANOTHER DJCUPDAT TO COMPLETE					
		1.1. ..1.		AWRDJCUP	"X'00A2'" 0003
,WAITING FOR A JOB TO COMPLETE SPINOFF PROCESSING					
		1.1. ..11		AWRSPNCM	"X'00A3'" 0003
,WAITING FOR A JOB TO COMPLETE WRITER PROCESSING					
		1.1. .1..		AWRWTRCM	"X'00A4'" 0003
,WAITING FOR THE SETPRT SUBTASK TO COMPLETE PROCESSING					
		1.1. .1.1		AWRSETPR	"X'00A5'" 0003
,WAITING FOR THE OUTSERV FCT TO FINISH SAPI PROCESSING					
		1.1. .11.		AWROSSWE	"X'00A6'" 0003
,WAITING FOR A SPOOL FILE TO CLOSE (FDBCLOSE)					
		1.1. .111		AWRFDBCL	"X'00A7'" 0003
,WAITING FOR JESXCF MESSAGE CONSTRAINT RELIEF					
		1.1. 1...		AWRJSXCF	"X'00A8'" 0003
,WAITING FOR HANDLING A REPLY FROM GLOBAL					
		1.1. 1..1		AWRHNDLR	"X'00A9'" 0003
,WAITING FOR LOCAL MAIN DISCONNECT DURING DSI					
		1.1. 1.1.		AWRDISCN	"X'00AA'" 0003
,WAITING FOR TRANSMIT EOF TO COMPLETE					

Table 14. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1.1. 1.11		AWREOFRQ	"X'00AB'" 0003
,WAITING FOR STORAGE FOR JSERV REQUEST					
		1.1. 11..		AWRJSRST	"X'00AC'" 0003
,WAITING FOR TRANSMIT TO COMPLETE					
		1.1. 11.1		AWRXMITC	"X'00AD'" 0003
,WAITING FOR MASTER SUBTASK TO ATTACH					
		1.1. 111.		AWRIIMST	"X'00AE'" 0003
,WAITING FOR MESSAGE BUFFER RELIEF					
		1.1. 1111		AWRMSGBF	"X'00AF'" 0003
,WAITING FOR JOB NUMBER POST					
		1.11		AWRJOBNR	"X'00B0'" 0003
,WAITING FOR SECONDARY MDS RESTART					
		1.11 ...1		AWRMDS2R	"X'00B1'" 0003
,WAITING FOR DEVICE SCAN INTERRUPTION					
		1.11 ..1.		AWRSCANI	"X'00B2'" 0003
,WAITING FOR JOB BREAKDOWN TO COMPLETE					
		1.11 ..11		AWRJOBBK	"X'00B3'" 0003
,WAITING FOR TIMER SUBTASK TO TERMINATE					
		1.11 .1..		AWRTIMST	"X'00B4'" 0003
,WAITING FOR MODULE DELETE					
		1.11 .1.1		AWRMODDL	"X'00B5'" 0003
,WAITING FOR A DSP FAIL					
		1.11 .11.		AWRDSPFL	"X'00B6'" 0003
,WAITING FOR SNAP CANCEL TO COMPLETE					
		1.11 .111		AWRSNAPC	"X'00B7'" 0003
,WAITING FOR SNAP IN PROGRESS TO COMPLETE					
		1.11 1...		AWRSNAPP	"X'00B8'" 0003
,WAITING FOR LINE TO NO LONGER BE IN USE					
		1.11 1..1		AWRLINEU	"X'00B9'" 0003
,WAITING FOR REMOTE READER TO BE READY					

Table 14. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1.11 1.1.		AWRRMTRD	"X'00BA'" 0003
,WAITING FOR RESPONSE TO ENQ					
		1.11 1.11		AWRENQRS	"X'00BB'" 0003
,WAITING FOR ONE OF MULTI-BYTE AWAIT					
		1.11 11..		AWRMULTI	"X'00BC'" 0003
,WAITING FOR AUXTASK TO BE STOPPED					
		1.11 11.1		AWRAUXSP	"X'00BD'" 0003
,WAITING FOR AUXTASK TO BE RESTARTED					
		1.11 111.		AWRAUXST	"X'00BE'" 0003
,WAITING FOR AN OPERATOR RESPONSE					
		1.11 1111		AWROPERR	"X'00BF'" 0003
,WAITING FOR SETPRT REQUEST TO COMPLETE					
		11..		AWRSTPRC	"X'00C0'" 0003
,WAITING FOR TRANSMIT ABORT TO COMPLETE					
		11.. ...1		AWRXMITA	"X'00C1'" 0003
,WAITING FOR JSS OK FOR RESTART					
		11.. ..1.		AWRRSTOK	"X'00C2'" 0003
,WAITING FOR JSQ TO ENQUEUE					
		11.. ..11		AWRJSQEQ	"X'00C3'" 0003
,WAITING FOR SYSLOG INITIALIZATION TO BE COMPLETE					
		11.. .1..		AWRSYSLI	"X'00C4'" 0003
,WAITING FOR MORE I/O RECOVERY WORK					
		11.. .1.1		AWRIOERW	"X'00C5'" 0003
,WAITING FOR GDG BASE SETVOL LOCK TO BECOME AVAILABLE					
		11.. .11.		AWRGDGSV	"X'00C6'" 0003
,WAITING FOR USER EVENT OR CANCEL					
		11.. .111		AWRUECAN	"X'00C7'" 0003
,MAXIMUM JES3 AWAIT REASON CODE					
0	(0)	BITSTRING	0	AWRJ3MAX	"X'EFFF'" 0003 0003

Table 14. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		REASON CODES X'F000' THROUGH X'FFFF' ARE RESERVED 0 FOR THE USER. 0 ,MINIMUM USER AWAIT REASON CODE			
0	(0)	BITSTRING	0	AWRUSMIN	"X'F000'" 0003 0003
		,MAXIMUM USER AWAIT REASON CODE			
0	(0)	BITSTRING	0	AWRUSMAX	"X'FFFF'" 0003

Table 15. Cross Reference for IATYAWR

Name	Offset	Hex Tag
AWRAENQE	0	4
AWRAENQS	0	3
AWRALODR	0	1F
AWRARLAV	0	68
AWRARRBD	0	9C
AWRASPIN	0	2E
AWRASPRQ	0	7E
AWRASPTM	0	2F
AWRATDEA	0	70
AWRATIME	0	D
AWRAUXSP	0	BD
AWRAUXST	0	BE
AWRAUXTD	0	6E
AWRAWTAV	0	67
AWRAWTIO	0	49
AWRCAMPR	0	3F
AWRCAMRD	0	3D
AWRCAMRS	0	82
AWRCAMWT	0	3E
AWRCATBK	0	66
AWRCATSU	0	65
AWRCLUP	0	50
AWRCNGMS	0	25
AWRCNLOC	0	23
AWRCNQTD	0	2C
AWRCNVER	0	26
AWRCNVIN	0	9
AWRCNWTD	0	24
AWRCPOOL	0	1B
AWRDFCBA	0	17
AWRDISCN	0	AA
AWRDJCUP	0	A2
AWRDJISA	0	73
AWRDSPCG	0	55
AWRDSPFL	0	B6

Table 15. Cross Reference for IATYAWR (continued)

Name	Offset	Hex Tag
AWRDTRAP	0	91
AWRDUMMY	0	19
AWRDVRDY	0	8A
AWRENQRS	0	BB
AWREOFRQ	0	AB
AWREXCPC	0	15
AWRFDBCL	0	A7
AWRFILDR	0	1C
AWRFSSIN	0	7A
AWRFSSSU	0	7D
AWRGDGSV	0	C6
AWRGDISB	0	95
AWRGMSUP	0	44
AWRGNFCT	0	96
AWRGNSUB	0	2
AWRHNDLR	0	A9
AWRIIMST	0	AE
AWRINDEV	0	A1
AWRINITG	0	4C
AWRINTRQ	0	2D
AWRIOERR	0	40
AWRIOERW	0	C5
AWRIORLC	0	42
AWRJBTCL	0	3A
AWRJBTRD	0	3B
AWRJBTWT	0	3C
AWRJCLLM	0	B
AWRJCMRO	0	34
AWRJCRIO	0	36
AWRJCRON	0	35
AWRJCTRW	0	33
AWRJDAOS	0	4E
AWRJDELK	0	20
AWRJDSAV	0	12
AWRJDSEN	0	38
AWRJDSIO	0	7B
AWRJNCBU	0	30
AWRJNCHL	0	74
AWRJNMSG	0	9E
AWRJOBBK	0	B3
AWRJOBNM	0	11
AWRJOBNR	0	B0
AWRJQEAV	0	10
AWRJQEPR	0	32
AWRJQJCT	0	59
AWRJRJCT	0	5B

Table 15. Cross Reference for IATYAWR (continued)

Name	Offset	Hex Tag
AWRJSACT	0	5
AWRJSAMB	0	1D
AWRJSDYN	0	60
AWRJSQEQ	0	C3
AWRJSRAV	0	46
AWRJSRBA	0	E
AWRJSRBC	0	F
AWRJSRIO	0	48
AWRJSRSA	0	47
AWRJSRST	0	AC
AWRJSSTR	0	6
AWRJSTOS	0	45
AWRJSXCF	0	A8
AWRJVRIO	0	57
AWRJVTRM	0	5A
AWRJVWIO	0	58
AWRJ3LOK	0	71
AWRJ3MAX	0	EFFF
AWRLINEU	0	B9
AWRLOCAT	0	A
AWRMATCH	0	22
AWRMDDJS	0	61
AWRMDOPR	0	5C
AWRMDSRS	0	16
AWRMDS2R	0	B1
AWRMINTK	0	41
AWRMODDL	0	B5
AWRMPCON	0	78
AWRMREAD	0	72
AWRMRFCL	0	7F
AWRMRFIN	0	2A
AWRMRFOT	0	2B
AWRMSGBF	0	AF
AWRMULTI	0	BC
AWRNCKLK	0	31
AWRNJGNR	0	84
AWRNJJBR	0	85
AWRNJSYR	0	86
AWRNORSN	0	0
AWRNSACT	0	97
AWRNUCTD	0	6F
AWROPERC	0	75
AWROPERR	0	BF
AWROSBSY	0	56
AWROSCKP	0	92
AWROSEUP	0	18

Table 15. Cross Reference for IATYAWR (continued)

Name	Offset	Hex Tag
AWROSJDA	0	93
AWROSRSC	0	4D
AWROSSFR	0	89
AWROSSWE	0	A6
AWROS4WK	0	94
AWROUTSP	0	79
AWRPERMN	0	14
AWRPGFIX	0	1A
AWRPRCCL	0	8E
AWRPRDFS	0	8B
AWRPREFS	0	8C
AWRPROCN	0	8D
AWRPSOPR	0	69
AWRPTATM	0	39
AWRPVCON	0	37
AWRRCPST	0	43
AWRRJCNS	0	81
AWRRJPIO	0	64
AWRRJPUR	0	80
AWRRMTRD	0	BA
AWRRQCNT	0	98
AWRRSTOK	0	C2
AWRSATCH	0	21
AWRSCANI	0	B2
AWRSCWIC	0	63
AWRSDECL	0	51
AWRSDEP	0	53
AWRSDEPL	0	52
AWRSDSLK	0	5E
AWRSDTCH	0	13
AWRSETPR	0	A5
AWRSJFTM	0	6D
AWRSMPLK	0	90
AWRSNAPC	0	B7
AWRSNAPP	0	B8
AWRSPDRN	0	A0
AWRSPECR	0	C
AWRSPLSP	0	1E
AWRSPNCM	0	A3
AWRSQDAV	0	27
AWRSRFIN	0	28
AWRSRFOT	0	29
AWRSSCMP	0	87
AWRSSPUR	0	88
AWRSTATP	0	4F
AWRSTCPL	0	8

Table 15. Cross Reference for IATYAWR (continued)

Name	Offset	Hex Tag
AWRSTORG	0	7
AWRSTPRC	0	C0
AWRSTRTI	0	83
AWRSTTMA	0	9D
AWRSUSPW	0	7C
AWRSVLLK	0	5F
AWRSWAFR	0	6C
AWRSWAPR	0	6B
AWRSWASP	0	6A
AWRSWECL	0	54
AWRSYSLI	0	C4
AWRTCPMP	0	99
AWRTCPSC	0	9A
AWRTIMST	0	B4
AWRUECAN	0	C7
AWRUSMAX	0	FFFF
AWRUSMIN	0	F000
AWRVARYC	0	77
AWRWCHAV	0	62
AWRWCHIO	0	4A
AWRWCHLK	0	5D
AWRWLRCL	0	8F
AWRWQPRI	0	9B
AWRWRTRT	0	9F
AWRWSPFR	0	76
AWRWTRCM	0	A4
AWRWT4WK	0	1
AWRXMITA	0	C1
AWRXMITC	0	AD

IATYAXWC information

IATYAXWC heading information

Common name: ASAXWC (Wild Card service) Parameter/Work Area

Macro ID: IATYAXWC

DSECT name: AXWCSTRT

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Main Storage: Any
Key: User

Size: AXWCSIZE bytes

Created by: IATINIO

Pointed to by: TVTAXWC in IATYTVT

Serialization: NONE

Function: This macro maps the parameter/work area for the MVS macro ASAXWC.

IATYAXWC mapping

Table 16. Structure AXWCSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	AXWCSTRT	, Client Token
0	(0)	ADDRESS	4	AXWCPTNA	Address of wild card pattern string
4	(4)	SIGNED	4	AXWCPTNL	Length of wild card pattern string
8	(8)	ADDRESS	4	AXWCSTGA	Address of the string to match
12	(C)	SIGNED	4	AXWCSTGL	Length of the string to match
16	(10)	SIGNED	4	AXWCRETC	ASAXWC return code
20	(14)	CHARACTER	1	AXWC1CHR	Single character identifier
21	(15)	CHARACTER	1	AXWC0MOR	Multiple char identifier
22	(16)	CHARACTER	1	AXWCDELM	Delimiter char identifier
23	(17)	BITSTRING	256	AXWCWORK	ASAXWC work area
		ASAXWC list form MACDATE -12/21/18-<0>			
0	(0)	X'118'	0	M00M0002	"WCLIST" ++ ASAXWC NAME
280	(118)	DBL WORD	8	WCLIST(0)	++ ASAXWC PARM LIST
280	(118)	CHARACTER	4	WCLIST_XPARMAREA1	++ FIELD_LABEL
284	(11C)	CHARACTER	24	WCLIST_XPARMAREA2	++ FIELD_LABEL
284	(11C)	X'134'	0	WCLIST_PL_END	"*" ++ END OF BASE PLIST
280	(118)	ADDRESS	4	WCLIST_XPATTERNSTR_ADDR	++ ADDR
284	(11C)	SIGNED	4	WCLIST_XPATTERNSTRLEN	++
288	(120)	ADDRESS	4	WCLIST_XSTRING_ADDR	++ ADDR
292	(124)	SIGNED	4	WCLIST_XSTRINGLEN	++
296	(128)	ADDRESS	4	WCLIST_XZEROORMORE_ADDR	++ ADDR
300	(12C)	ADDRESS	4	WCLIST_XONECHAR_ADDR	++ ADDR
304	(130)	ADDRESS	4	WCLIST_XDELIMITER_ADDR	++ ADDR
280	(118)	ADDRESS	4	WCLIST_XPPPATTERNINFO_ADDR	++ ADDR
284	(11C)	ADDRESS	4	WCLIST_XPPPATTERNSTR_ADDR	++ ADDR
288	(120)	SIGNED	4	WCLIST_XPPPATTERNSTRLEN	++
292	(124)	ADDRESS	4	WCLIST_XPPZEROORMORE_ADDR	++ ADDR
296	(128)	ADDRESS	4	WCLIST_XPPONECHAR_ADDR	++ ADDR
300	(12C)	ADDRESS	4	WCLIST_XPPDELIMITER_ADDR	++ ADDR
284	(11C)	ADDRESS	4	WCLIST_XPPSTRING_ADDR	++ ADDR
288	(120)	SIGNED	4	WCLIST_XPPSTRINGLEN	++
308	(134)	X'1C'	0	WCLISTL	"*-WCLIST" ++ LENGTH OF PLIST
		ASAXWC-0			
0	(0)	X'134'	0	AXWCEND	"*" End of IATYAXWC
0	(0)	X'134'	0	AXWCSIZE	"AXWCEND-AXWCSTRT" Size of IATYAXWC

Table 17. Cross Reference for IATYAXWC

Name	Offset	Hex Tag
AXWCDELM	16	40
AXWCEND	0	134
AXWCPTNA	0	

Table 17. Cross Reference for IATYAXWC (continued)

Name	Offset	Hex Tag
AXWCPTNL	4	0
AXWCRETC	10	0
AXWCSIZE	0	134
AXWCSTGA	8	
AXWCSTGL	C	0
AXWCSTRT	0	
AXWCWORK	17	0
AXWC0MOR	15	5C
AXWC1CHR	14	6F
M00M0002	0	118
WCLIST	118	
WCLIST_PL_END	11C	134
WCLIST_XDELIMITER_ADDR	130	
WCLIST_XONECHAR_ADDR	12C	
WCLIST_XPARMAREA1	118	
WCLIST_XPARMAREA2	11C	
WCLIST_XPATTERNSTR_ADDR	118	
WCLIST_XPATTERNSTRLEN	11C	
WCLIST_XPPDELIMITER_ADDR	12C	
WCLIST_XPPONECHAR_ADDR	128	
WCLIST_XPPPATTERNINFO_ADDR	118	
WCLIST_XPPPATTERNSTR_ADDR	11C	
WCLIST_XPPPATTERNSTRLEN	120	
WCLIST_XPPSTRING_ADDR	11C	
WCLIST_XPPSTRINGLEN	120	
WCLIST_XPPZEROORMORE_ADDR	124	
WCLIST_XSTRING_ADDR	120	
WCLIST_XSTRINGLEN	124	
WCLIST_XZEROORMORE_ADDR	128	
WCLISTL	134	1C

IATYBAL information

IATYBAL heading information

Common name: DEFINITION OF THE BUFFER ALLOCATOR BLOCK

Macro ID: IATYBAL

DSECT name: BALSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: BALJ
Offset: 0
Length: 4

Storage attributes: Subpool: FSSJSAM - SUBPOOL 241,
JSAM - SUBPOOL 230,
USAM - SUBPOOL 245
Key: FSSJSAM - User's Key,
JSAM - User's Key,
USAM - Key 0

Size: Variable

Created by: IATINIO
IATINM3
IATDMNC

Pointed to by: FOR JSAM: TVTBALJ OF IATYTVT
FOR JSAM FSS: BALCHAIN OF IATYBAL
FOR USAM: SVTBALP OF IATYSVT

Serialization: CS

Function: Contains information on the JSAM and USAM spool I/O buffer pools including DAT and DMC buffer pool addresses and buffer allocator bytes.

IATYBAL mapping

Table 18. Structure BALSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	BALSTART	
0	(0)	CHARACTER	4	BALID	BLOCK ID, 'BALJ' FOR JES & FSS, AND 'BALP' FOR USAM BUFFS
4	(4)	SIGNED	4	BALCHAIN	ADDR OF NEXT BAL ON THE CHAIN
8	(8)	SIGNED	4	BALNEXT	CHAIN FIELD FOR EXPANSIONS
12	(C)	SIGNED	4	BALPREV	POINTER TO PREVIOUS BALJ
16	(10)	SIGNED	4	BALDMCBA	BEGINNING ADDRESS OF DMC POOL
20	(14)	SIGNED	4	BALDMCEA	ENDING ADDRESS OF DMC POOL
24	(18)	SIGNED	4	BALDATBA	- ADDR OF JSAM BUFS OR CSA PBUFS
28	(1C)	SIGNED	4	BALDATEA	- END OF JSAM BUFS OR CSA PBUFS
32	(20)	SIGNED	4	BALXDTBA	BEGINNING ADDR OF JES3AUX PBUFS
36	(24)	SIGNED	4	BALXDTEA	ENDING ADDR OF JES3AUX PBUFS
40	(28)	SIGNED	4	BALBUFCT	- NUM OF BUFFERS IN THE POOL
44	(2C)	SIGNED	4	BALBUFSE	- NUM OF BUFFERS IN USE
48	(30)	CHARACTER	16	BALTRT	- TRANS TABLES USED IN ALLOCAT
64	(40)	SIGNED	4	BAL4KBLK	- NUMBER OF 4K BLOCKS-1
68	(44)	SIGNED	4	BALTVT	ADDR OF TVT
72	(48)	SIGNED	2	BALASID	ADDR SP HOLDING THE DATS (ZERO IF JES3 JSAM BALJ OR USAM BALP)
		THE FOLLOWING FLAG IS SET IN IATABIP THE FIRST TIME # IT IS INVOKED. ANY FURTHER INVOCATIONS ARE IGNORED, # THAT IS, IT IMMEDIATELY EXITS. THIS FLAG IS NECESSARY # BECAUSE IATABIP, AS AN IOS DRIVER, IS CALLED SEVERAL # TIMES EVENTUALLY WITHOUT CROSS MEMORY AUTHORITY. ONLY # ONE CALL IS REALLY NECESSARY, SO SETTING THE FLAG PRE- # VENTS POTENTIAL XMEM AUTHORITY ERRORS. #				
74	(4A)	BITSTRING	1	BALFLAG	#499
		1...		BALPURGE	"X'80'" INVOKE ABIP ONLY ONCE #499
75	(4B)	BITSTRING	1	BALRSVH	RESERVED FOR DEVELOPMENT #499
76	(4C)	SIGNED	4	BALRSVF	RESERVED FOR DEVELOPMENT
80	(50)	SIGNED	4	BALRSVS	- RESERVED FOR SERVICE
84	(54)	SIGNED	4	BALRSVU	- RESERVED FOR USER
88	(58)	SIGNED	4	BALFEND(0)	- END OF FIXED PART OF BLOCK
88	(58)	X'58'	0	BALFSIZE	"BALFEND-BALSTART" - SIZE OF FIXED PART OF BLOCK
		START OF VARIABLE PART OF BLOCK, 1 BYTE PER 4K OF BUFF			
88	(58)	CHARACTER	1	BALBALBY	- 1 BUFF ALLOCATOR BYTE PER 4K

Table 18. Structure BALSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF EACH BUFFER ALLOCATOR BYTE			
		1...		BALRSVB0	"X'80'" - RESERVED
		.1..		BALRSVB1	"X'40'" - RESERVED
		..1.		BALRSVB2	"X'20'" - RESERVED
		...1		BALRSVB3	"X'10'" - RESERVED
		.... 1...		BALRSVB4	"X'08'" - RESERVED
		.... .1..		BALB1ALC	"X'04'" - 1ST BUFFER ALLOCATED
		.... ..1.		BALB2ALC	"X'02'" - 2ND BUFFER ALLOCATED
		1		BALB3ALC	"X'01'" - 3RD BUFFER ALLOCATED
88	(58)	X'3'	0	BALBABIT	"3" - MAX NUM OF BUFFS PER 4K BLK

Table 19. Cross Reference for IATYBAL

Name	Offset	Hex Tag
BALASID	48	
BALBABIT	58	3
BALBALBY	58	
BALBUFCT	28	
BALBUFSE	2C	
BALB1ALC	58	4
BALB2ALC	58	2
BALB3ALC	58	1
BALCHAIN	4	
BALDATBA	18	
BALDATEA	1C	
BALDMCBA	10	
BALDMCEA	14	
BALFEND	58	
BALFLAG	4A	
BALFSIZE	58	58
BALID	0	
BALNEXT	8	
BALPREV	C	
BALPURGE	4A	80
BALRSVB0	58	80
BALRSVB1	58	40
BALRSVB2	58	20
BALRSVB3	58	10
BALRSVB4	58	8
BALRSVF	4C	
BALRSVH	4B	
BALRSVS	50	
BALRSVU	54	
BALSTART	0	
BALTRT	30	

Table 19. Cross Reference for IATYBAL (continued)

Name	Offset	Hex Tag
BALTVT	44	
BALXDTBA	20	
BALXDTEA	24	
BAL4KBLK	40	

IATYBFPX information

IATYBFPX heading information

Common name: FSA BUFFER PREFIX CONTROL BLOCK

Macro ID: IATYBFPX

DSECT name: BFPXSTRT

Owning component: JES3 (SC1BA)

Eye-catcher ID: BFPX
Offset: 0
Length: 4

Storage attributes: Auxiliary Storage: N/A
Subpool: Specified by FSBXBPSP

Size: 16 Bytes

Created by: IATFPCC - WRITER FSA SPECIFIC CONNECT ROUTINE

Pointed to by: IATYFSBX (FSBXABUF) - AVAILABLE BUFFER CHAIN
IATYINPX (INPXBFA) - THE INDEX BUFFER CONTAINS ENTRIES DESCRIBING THE RECORDS IN THE SPOOL BUFFER. THE CONNECTION IS IN THE INDEX PREFIX.
IATYBFPX (BFPXCHAN)

Serialization: NONE

Function: The buffer prefix provides the queueing and control fields necessary for the management of a spool I/O buffer in a Writer FSA Buffer Pool.

IATYBFPX mapping

Table 20. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

Table 21. Structure BFPXSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	BFPXSTRT	DSECT START
0	(0)	CHARACTER	4	BFPXID	CONTROL BLOCK IDENTIFIER
4	(4)	SIGNED	4	BFPXCHAN	POINTER TO THE NEXT BUFFER PREFIX
8	(8)	SIGNED	2	BFPXACC	NUMBER OF ACCESSES DONE FOR THIS BUFFER
10	(A)	SIGNED	2	BFPXREL	NUMBER OF RELEASES DONE FOR THIS BUFFER
12	(C)	SIGNED	2	BFPXRSV1	RESERVED FOR DEVELOPMENT
14	(E)	SIGNED	2	BFPXRSV2	RESERVED FOR SERVICE
16	(10)	SIGNED	4	BFPXBUFF(0)	BUFFER STARTING POINT

Table 21. Structure BFPXSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
16	(10)	X'10'	0	BFPXSIZE	"BFPXBUFF-BFPXSTRT" LENGTH OF THE BUFFER PREFIX

IATYBLK information

IATYBLK programming interface information

The following fields are **NOT** programming interface information:

- BLKACQA
- BLKSAVE

IATYBLK heading information

Common name:	THE BLOCK I/O CONTROL BLOCK
Macro ID:	IATYBLK
DSECT name:	BLKSTART
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	BLK Offset: 0 Length: 4
Storage attributes:	Virtual Storage: Private Any Subpool: User's Key (subpool 230), Job's Key (subpool 0) Key: User's Key Residency: Any
Size:	152 Bytes
Created by:	USER OF IATXBKIO
Pointed to by:	Users of the Block Spooler Function.
Serialization:	NONE

Function:

The IATYBLK control block is the parameter list for the IATXBKIO service. The caller of the block spooler routines is required to initialize the BLK with the following information using the IATXBKIO macro:
BLKID - The parameter list ID ('BLK') with CALL=YES specified on the IATXBKIO macro.
BLKFUNC - The function request byte used to indicate type of request (ACCESS/READ/WRITE/RELEASE) by specifying the FUNC= KEYWORD on the IATXBKIO macro.
The following fields may be required depending on the type of request sent to the BLKSPOOLER:
BLKBFAD - The address of the User's data area. For the WRITE FUNCTION, BLKBFAD points to the data to be written to spool. For the READ FUNCTION, BLKBFAD points to the area where the data should be placed after being read from spool.
Specify the BUFFER= KEYWORD on the IATXBKIO macro.
BLKSPAD - The spool address (M.R) which points to the location on spool where the user data resides or will reside.
On the initial call to the BLKSPOOLER for a MULTI-READ request, BLKSPAD must be initialized with the first spool address of the file.
BLKSPAD is updated by the BLKSPOOLER routine and must not be destroyed by the caller on subsequent multi-read calls
Specify the SPADR= KEYWORD on the IATXBKIO macro.
BLKRECLN - Specified for WRITE requests.
BLKRECLN is the number of bytes of user data to be written to spool at the address specified in BLKSPAD.
Specify the RECLN= KEYWORD on the IATXBKIO macro.
BLKFLG1 - Used to indicate special

function requests such as Multi-READ or Single Record File requests. (BLKFLG1 also contains specific error and status indicators passed to the caller).
Specify the TYPE= or STATUS= keywords on the IATXBKIO macro.
BLKSRFID - The 1-4 character control block ID which is located in the single redord file header (mapped by IATYSRF) for JES3 Single-Record spool files.
For any single record file requests to the BLKSPOOLER, BLKSRFID must be initialized with the single record file ID and the flag, BLKSRFIO, must be set ON in BLKFLG1.
Specify the ID= KEYWORD on the IATXBKIO macro.
BLKASID - The address space ID of the user.
Specify the ASID= KEYWORD on the IATXBKIO macro.

IATYBLK mapping

Table 22. Structure BLKSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	BLKSTART	
0	(0)	CHARACTER	4	BLKID	BLOCK IDENTIFICATION
4	(4)	SIGNED	2	BLKASID	USER'S ASID
6	(6)	BITSTRING	1	BLKFUNC	FUNCTION BYTE
	FUNCTION BIT SETTINGS				
		1...		BLKREAD	"X'80'" READ FUNCTION
		.1..		BLKWRT	"X'40'" WRITE FUNCTION
		..1.		BLKACC	"X'20'" ACCESS FUNCTION
		...1		BLKREL	"X'10'" RELEASE FUNCTION
7	(7)	BITSTRING	1	BLKFLG1	
	DEFINITION OF BLKFLG1				
		1...		BLKMULT	"X'80'" MULTI-READ REQUEST
		.1..		BLKFEOF	"X'40'" END OF FILE FOUND
		..1.		BLKFEOM	"X'20'" END OF MEMORY RELEASE
		.... 1...		BLKEREOF	"X'08'" EARLY END-OF-FILE
		.... .1..		BLKSRFIO	"X'04'" SINGLE RECORD FILE REQUEST
		.... ..1.		BLKLLROB	"X'02'" Local lock was released and re-obtained. Only set if lock was held on entry.
		1		BLKLLHLD	"X'01'" Local lock held on entry to 15606T6A IATDMBS 15606T6A
8	(8)	ADDRESS	4	BLKACQA	USER'S ACQ ADDRESS
12	(C)	ADDRESS	4	BLKBFAD	USER'S BUFFER ADDRESS
16	(10)	SIGNED	4	BLKRECLN	RECORD LENGTH FOR WRITE
20	(14)	ADDRESS	4	BLKRECOV	BLKSPOOLER RECOVERY ADDRESS
24	(18)	BITSTRING	1	BLKSPAD	SPOOL ADDRESS FOR I/O
24	(18)	X'18'	0	BLKSPMOD	"BLKSPAD,L'FDBSPMOD" MODULE NUMBER
24	(18)	X'1A'	0	BLKSPREC	"BLKSPAD+L'FDBSPMOD,L'FDBSPREC" RECORD NUMBER
30	(1E)	BITSTRING	6	BLKFIRST	FIRST DAT ON CHAIN
36	(24)	BITSTRING	6	BLKNEXT	PREV DAT'S DATNEXT FIELD
42	(2A)	BITSTRING	14	BLKCHFDB	CHAIN FDB 0278
56	(38)	SIGNED	4	BLKPREV	ADDRESS OF PREVIOUS DMC
60	(3C)	SIGNED	4	BLKVALID	DAT VALIDATION FIELD
64	(40)	SIGNED	4	BLKSRFID	CNTL BLOCK ID FOR SRF REQ'TS
68	(44)	SIGNED	2	BLKCOUNT	SRF COUNT 0654
70	(46)	SIGNED	2	BLKRSVD	RESERVED FOR DEVELOPMENT 0654
72	(48)	BITSTRING	1	BLKCKEY	CALLER KEY SAVE AREA
73	(49)	BITSTRING	1	BLKRSRS(3)	RESERVED FOR SERVICE
76	(4C)	SIGNED	4	BLKRSRU	RESERVED FOR USER
80	(50)	SIGNED	4	BLKSAVE(18)	SAVE AREA FOR BLKSPOOLER'S USE
152	(98)	SIGNED	4	BLKSAVE2(5)	Secondary save area 15606T6A
172	(AC)	SIGNED	4	BLKEND(0)	END OF BLOCK

Table 22. Structure BLKSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
172	(AC)	X'AC'	0	BLKLNTH	"BLKEND-BLKSTART" LENGTH OF THE BLK

Table 23. Cross Reference for IATYBLK

Name	Offset	Hex Tag
BLKACC	6	20
BLKACQA	8	
BLKASID	4	
BLKBFAD	C	
BLKCHFDB	2A	
BLKCKEY	48	0
BLKCOUNT	44	
BLKEND	AC	
BLKEREOF	7	8
BLKFEOF	7	40
BLKFEOM	7	20
BLKFIRST	1E	
BLKFLG1	7	
BLKFUNC	6	
BLKID	0	C2D3D240
BLKLLHLD	7	1
BLKLLROB	7	2
BLKLNTH	AC	AC
BLKMULT	7	80
BLKNEXT	24	
BLKPREV	38	
BLKREAD	6	80
BLKRECLN	10	
BLKRECOV	14	
BLKREL	6	10
BLKRSRS	49	
BLKRSRU	4C	
BLKRSVD	46	
BLKSAVE	50	
BLKSAVE2	98	
BLKSPAD	18	
BLKSPMOD	18	18
BLKSPREC	18	1A
BLKSRFID	40	
BLKSRFIO	7	4
BLKSTART	0	
BLKVALID	3C	
BLKWRT	6	40

IATYBSID information

IATYBSID programming interface information

IATYBSID is a programming interface.

IATYBSID heading information

Common name:	MAP AND GENERATE BDT SUBSYSTEM INTERFACE DATA AREA
Macro ID:	IATYBSID
DSECT name:	BSID
Owning component:	JES3 (SC1BA) BDTDBSID IS A COUNTERPART MACRO AND MUST CHANGE WHENEVER 'NON-JES3 ONLY' FIELDS IN THIS MACRO ARE CHANGED.
Eye-catcher ID:	BSID Offset: 0 Length: 4
Storage attributes:	Main Storage: BSID's reside in GETMAIN areas from BDT address space, subsystem cross-memory, and JES3 staging-areas Auxiliary Storage: N/A
Size:	220 Bytes
Created by:	IATBDCI, BDTCMDV, BDTLP, BDTTQI, IGX00034
Pointed to by:	BSIWBSID IN IATYBSIW ALSO IN STADATA AREA OF STAGING AREA
Serialization:	N/A
Function:	IATYBSID is used to map a BDT subsystem interface data area.

IATYBSID mapping

Table 24. Structure BSID

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	BSID	
FIXED PART OF THE BSID					
0	(0)	SIGNED	2	BSIDTOTL	TOTAL LENGTH OF BSID
2	(2)	CHARACTER	4	BSIDID	CONTROL BLOCK IDENTIFIER
6	(6)	CHARACTER	4	BSIDVER#	BDT VERSION NUMBER
10	(A)	ADDRESS	2	BSIDFXDL	LENGTH OF FIXED PART OF BSID
BSIDMOD - FIELD DEFINITION #					
12	(C)	BITSTRING	1	BSIDMOD	MODIFIER CODE
12	(C)	X'1'	0	BSIDSHTL	"1" SHUTTLE STAGING AREA
12	(C)	X'2'	0	BSIDMESG	"2" BDT MESSAGE
12	(C)	X'3'	0	BSIDXACT	"3" BDT TRANSACTION
12	(C)	X'4'	0	BSIDCMND	"4" BDT COMMAND
12	(C)	X'5'	0	BSIDJCMD	"5" JES COMMAND
12	(C)	X'6'	0	BSIDOFFL	"6" BDT/JES3 INTERFACE OFF-LINE
12	(C)	X'7'	0	BSIDREJT	"7" BDT/JES3 CONNECT REJECTED
12	(C)	X'8'	0	BSIDJMSG	"8" BDT/JES3 JES3 CONSOLE MSG #241
12	(C)	X'9'	0	BSIDNATV	"9" NATIVE BDT TRANSACTION
12	(C)	X'A'	0	BSIDTQIP	"10" TQI POST MESSAGE

Table 24. Structure BSID (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
12	(C)	X'B'	0	BSIDTQID	"11" TQI AUTO DISABLE MESSAGE
12	(C)	X'C'	0	BSIDBDEV	"12" BEGIN RES FOR DEV MOD CODES
		CODES 1-50 ARE SHARED BY BDT AND JES3 CODES 51-119 ARE RESERVED FOR USE BY BDT CODES 120-127 ARE RESERVED FOR USE BY JES3			
12	(C)	X'F'	0	BSIDNOTE	"15" NJE TRANSACTION NOTIFICATION
12	(C)	X'13'	0	BSIDCONT	"19" BDT CONNECT REQUEST
12	(C)	X'14'	0	BSIDSPND	"20" BDT SUSPEND REQUEST
12	(C)	X'16'	0	BSIDRSUM	"22" BDT RESUME REQUEST
12	(C)	X'1E'	0	BSIDNNMR	"30" NJE NODAL MESSAGE RECORD REQ
12	(C)	X'1F'	0	BSIDNMRR	"31" RETURN NMR TO JES3
12	(C)	X'51'	0	BSIDNJET	"81" NJE TRANSACTION #027
12	(C)	X'80'	0	BSIDUSE1	"128" BEGIN RES FOR USER MOD CODES
		BSIDMCLS - BSID MESSAGE CLASS DEFINITION #			
13	(D)	BITSTRING	1	BSIDMCLS	MESSAGE CLASS
		1...		BSIDBDT	"BIT0" CLASS=BDT
		.1..		BSIDBAT	"BIT1" CLASS=BATCH
		..1.		BSIDSYS	"BIT2" CLASS=SYSTEM
		...1		BSIDNLOG	"BIT3" CLASS=NOLOG
		.... 1...		BSIDSUPP	"BIT4" CLASS=SUPPRESS #467
		BSIDFLG1 - BSIDFLG1 DEFINITION #			
14	(E)	BITSTRING	1	BSIDFLG1	BSID FLAG 1
		1...		BSIDSEND	"BIT0" BDT SYSTEM 'SEND' COMMAND
		.1..		BSIDIDUS	"BIT1" SYSID IS USER-SPECIFIED
		..1.		BSIDWAIT	"BIT2" SYNCHRONOUS RESP REQUIRED
		...1		BSIDRPLY	"BIT3" ASYNCHRONOUS RESP EXPECTED
		.... 1...		BSIDACK	"BIT4" SYNCHRONOUS ACKLDGD REQUIRED
		.... .1..		BSIDNOLG	"BIT5" SUPPRESS COMMAND LOGGING REQUIRED
		BSIDFLG2 - BSIDFLG2 DEFINITION #			
15	(F)	BITSTRING	1	BSIDFLG2	BSID FLAG 2
		.1..		BSIDPRI	"BIT1" PRIORITY TRANSACTION
		..1.		BSIDPTMN	"BIT2" BSID FREEMAIN TYPE
		...1		BSIDFILL	"BIT3" JES SHOULD FILL IN JOB NUM FOR THIS BSID
		.... 1...		BSIDSSNW	"BIT4" IF ON - DO NOT WAIT IN #255 BDTSSBDT FOR TQI CHECKPOINT #255 OF COMMAND OR TRANSACTION #255
		1		BSIDJBSI	"BIT7" BSID GETMAINED BY JES3 #255
		BSIDFLG3 - BSIDFLG3 DEFINITION #			
16	(10)	BITSTRING	1	BSIDFLG3	BSID FLAG 3 - USED INTERN- #255 ALLY TO BDT. NO UPDATE TO #255 IATYBSID IS NECESSARY. #255

Table 24. Structure BSID (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		BSIDFLG4 - BSIDFLG4 DEFINITION #			
17	(11)	BITSTRING	1	BSIDFLG4	BSID FLAG 4 - RES FOR SER
		BDT TRANSACTION ORIGIN ID MAPPING CHANGE ACTIVITY $LU= 31-BIT HJS2215 850110 PD1KH: SP2.1.5 $LX= SP215 HJS2215 850110 PD1KH: SP2.1.5			
18	(12)	CHARACTER	4	BSIDXHDR	CONTROL BLOCK ACRONYM
22	(16)	CHARACTER	4	BSIDXREL	VERSION RELEASE ID
26	(1A)	ADDRESS	2	BSIDXLEN	XOID LENGTH
28	(1C)	BITSTRING	8	BSIDXBSI	XACTION ORIGIN - BDT SYS ID
36	(24)	BITSTRING	8	BSIDXBSN	XACTION ORIGIN - BDT SYS NAM%PAG0982
44	(2C)	BITSTRING	1	BSIDXTYP	XACTION ORIGIN - TYPE
44	(2C)	X'1'	0	BSIDTSO	"1" TSO USER
44	(2C)	X'2'	0	BSIDJES	"2" JES CONSOLE
44	(2C)	X'3'	0	BSIDBTCH	"3" BATCH JOB
44	(2C)	X'4'	0	BSIDMCS	"4" MCS CONSOLE
44	(2C)	X'5'	0	BSIDLOG	"5" JOB MESSAGE LOG
44	(2C)	X'6'	0	BSIDFCT	"6" BDT FCT
44	(2C)	X'7'	0	BSIDJMC	"7" JES MESSAGE CLASS
		TYPE 1-50 SHARED BY JES3 AND BDT TYPE 51-119 RESERVED FOR BDT INTERNAL USE ONLY TYPE 120-127 RESERVED FOR JES3 INTERNAL USE ONLY			
44	(2C)	X'80'	0	BSIDUSER	"128" BEGIN USER DEFINED XOIDXTYP
45	(2D)	BITSTRING	1	BSIDXRD1	RESERVED FOR BDT INTERNAL USE ONLY
46	(2E)	CHARACTER	8	BSIDXDDN(0)	TRANSACTION ORIGIN - DDNAME
46	(2E)	CHARACTER	8	BSIDUSID(0)	TSO USERID
46	(2E)	CHARACTER	8	BSIDCNDD(0)	JES CONSOLE DDNAME
46	(2E)	CHARACTER	8	BSIDJCLS(0)	JES MESSAGE CLASS
46	(2E)	CHARACTER	8	BSIDBJNM(0)	BATCH JOB NAME
46	(2E)	ADDRESS	1	BSIDMCSI(0)	MCS CONSOLE ID
46	(2E)	BITSTRING	2	BSIDBJNO(0)	BDT JOB NUMBER
46	(2E)	BITSTRING	8	BSIDDDRS	DDNAME STORAGE
54	(36)	BITSTRING	4	BSIDMCS4	4-BYTE FORM OF CONSOLE ID
58	(3A)	BITSTRING	4	BSIDXRD3	RESERVED FOR JES3 DEVELOPMNT
62	(3E)	BITSTRING	4	BSIDXRS1	RESERVED FOR BDT SERVICE
66	(42)	BITSTRING	4	BSIDXRS2	RESERVED FOR JES3 SERVICE
70	(46)	BITSTRING	4	BSIDXRU1	RESERVED FOR USER %PAG0982
74	(4A)	BITSTRING	4	BSIDXRU2	RESERVED FOR USER %PAG0982
74	(4A)	X'2F'	0	BSIDMCSA	"BSIDMCSI+1,1,C'C'" MCS CONSOLE UX28 AUTH %PAG0982
74	(4A)	X'4E'	0	BSIDXEND	"*" END OF XOID
74	(4A)	X'12'	0	BSIDXOID	"BSIDXHDR,*-BSIDXHDR,C'C'" XOID EQUATE
74	(4A)	X'1C'	0	BSIDXALL	"BSIDXBSI,*-BSIDXBSI,C'C'" BSI EQUATE %PAG0467
78	(4E)	CHARACTER	8	BSIDDEST(0)	DESTINATION

Table 24. Structure BSID (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
78	(4E)	CHARACTER	8	BSIDORG(0)	ORIGIN
78	(4E)	CHARACTER	8	BSIDSYSI	BDT SYSTEM ID
86	(56)	ADDRESS	2	BSIDJNMC	Compatible with BSIDJNUM - see IATXJBNO macro
88	(58)	SIGNED	4	BSIDUTI(6)	TQI UNIQUE IDENTIFIER (UTI) SIZE MUST BE EQUAL TO THAT GENERATED BY THE BDT MACRO BDTDUTI
112	(70)	ADDRESS	4	BSIDTQI1	TQI UTILITY FIELD
116	(74)	ADDRESS	4	BSIDTQI2	TQI UTILITY FIELD
120	(78)	SIGNED	4	BSIDJES3	JES3 USAGE #027
124	(7C)	SIGNED	2	BSIDVRDL	LENGTH OF SNA NJE VAR SECT #027
126	(7E)	SIGNED	2	BSIDRSD2	RESERVED FOR DEVELOPMENT #027
128	(80)	ADDRESS	4	BSIDJNUM	JES job number of BDT system
132	(84)	ADDRESS	4	BSIDRSD4	RESERVED FOR DEVELOPMENT #467
136	(88)	ADDRESS	4	BSIDRSD5	RESERVED FOR DEVELOPMENT #467
140	(8C)	ADDRESS	4	BSIDRSD6	RESERVED FOR DEVELOPMENT #467
144	(90)	ADDRESS	4	BSIDRSD7	RESERVED FOR DEVELOPMENT #467
148	(94)	ADDRESS	4	BSIDRSD8	RESERVED FOR DEVELOPMENT #467
152	(98)	CHARACTER	8	BSIDADJN	Adjacent node name
160	(A0)	CHARACTER	8	BSIDRSDA	RESERVED FOR DEVELOPMENT #467
168	(A8)	ADDRESS	4	BSIDRSS1	RESERVED FOR JES3 SERVICE
172	(AC)	ADDRESS	4	BSIDRSS2	RESERVED FOR JES3-BDT COMMON SERVICE
176	(B0)	ADDRESS	4	BSIDRSS3	RESERVED FOR BDT SERVICE
180	(B4)	ADDRESS	4	BSIDRSS4	RESERVED FOR BDT SERVICE
184	(B8)	ADDRESS	4	BSIDRSU1	RESERVED FOR USER
188	(BC)	ADDRESS	4	BSIDRSU2	RESERVED FOR USER
192	(C0)	SIGNED	4	BSIDFEND(0)	ALIGN TO FULLWORD
192	(C0)	X'0'	0	BSIDFIXD	"BSID,*-BSID,C'X'" FIXED LENGTH OF BSID
192	(C0)	X'C0'	0	BSIDMINL	"L'BSIDFIXD" MINIMUM LENGTH OF BSID
192	(C0)	X'E00'	0	BSIDMAXL	"3584" MAXIMUM LENGTH OF BSID #467
	VARIABLE PART OF THE BSID #				
192	(C0)	SIGNED	4	BSIDDATA(0)	BEGINNING OF VARIABLE DATA
	3 LINES DELETED FOR PTM PBU0027 #				
192	(C0)	SIGNED	4	BSIDNJE(0)	BDT EXTENSION FOR NJE
BSIDVAR DC H'00' LENGTH OF SNA NJE VAR SECT # BSIDEVNT - BBDT EVENT FIELD DEFINITION #					
192	(C0)	CHARACTER	1	BSIDEVNT	BDT EVENT FIELD
192	(C0)	X'1'	0	BSIDTRNQ	"1" TRANSACTION QUEUED
192	(C0)	X'2'	0	BSIDABNR	"2" TRANSACTION ABNORMAL COMPLETION
192	(C0)	X'3'	0	BSIDCANC	"3" TRANSACTION CANCELLED BY OPER
192	(C0)	X'4'	0	BSIDDUPE	"4" TRANSACTION IS A DUPLICATE
192	(C0)	X'5'	0	BSIDOPRC	"5" TRANSACTION NOT QUEUED - NODE IS NOT AN NJE NODE.

Table 24. Structure BSID (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
192	(C0)	X'6'	0	BSIDOPRX	"6" TRANSACTION REMOVED FROM QUEUE-NODE HAS BEEN REMOVED.
192	(C0)	X'7'	0	BSIDNCAN	"7" CANCEL REQUEST JOB NOT FOUND
192	(C0)	X'8'	0	BSIDNEV2	"8" RESERVED
192	(C0)	X'9'	0	BSIDNEV3	"9" RESERVED
192	(C0)	X'A'	0	BSIDNJOB	"10" JOB NOT FOUND
192	(C0)	X'B'	0	BSIDNEV4	"11" RESERVED
192	(C0)	X'C'	0	BSIDNEV5	"12" RESERVED
192	(C0)	X'D'	0	BSIDNEV6	"13" RESERVED
192	(C0)	X'E'	0	BSIDNEV7	"14" RESERVED
192	(C0)	X'F'	0	BSIDNEV8	"15" RESERVED
192	(C0)	X'10'	0	BSIDNEV9	"16" RESERVED
192	(C0)	X'11'	0	BSIDNE10	"17" RESERVED
192	(C0)	X'12'	0	BSIDNE11	"18" RESERVED
192	(C0)	X'13'	0	BSIDNE12	"19" RESERVED
192	(C0)	X'14'	0	BSIDNORC	"20" NORMAL CONNECT REQUESTED
192	(C0)	X'15'	0	BSIDABNC	"21" ABNORMAL CONNECT REQUESTED
193	(C1)	CHARACTER	1	BSIDDTR1	RESERVED
194	(C2)	CHARACTER	8	BSIDJGID	JES3 GROUP ID
202	(CA)	SIGNED	2	BSIDBJOB	BDT JOB NUMBER
204	(CC)	CHARACTER	8	BSIDJOBN	JES3 JOB NAME
212	(D4)	CHARACTER	8	BSIDJJOB	JES3 JOB ID
220	(DC)	SIGNED	4	BSIDVEND(0)	END OF VARIABLE DATA #027
220	(DC)	X'C0'	0	BSIDVARL	"BSIDDATA,BSIDVEND-BSIDDATA,C'X'" BSID VAR PART #027 05279SLD
220	(DC)	X'4E'	0	BSIDDNOD	"BSIDDEST" DESTINATION NODE NAME #027
220	(DC)	X'C2'	0	BSIDNMRD	"BSIDDATA+2" BEGINNING OF NMR 0082
220	(DC)	X'C0'	0	BSIDNMRL	"BSIDDATA,2,C'X'" LENGTH OF NMR IN VAR PART 0082
220	(DC)	X'0'	0	BSIDMTXT	"BSID,BSIDFEND-BSID,C'X'" Fixed length of BSID 0011

Table 25. Cross Reference for IATYBSID

Name	Offset	Hex Tag
BSID	0	
BSIDABNC	C0	15
BSIDABNR	C0	2
BSIDACK	E	8
BSIDADJN	98	40404040
BSIDBAT	D	40
BSIDBDEV	C	C
BSIDBDT	D	80
BSIDBJNM	2E	
BSIDBJNO	2E	
BSIDBJOB	CA	
BSIDBTCH	2C	3
BSIDCANC	C0	3

Table 25. Cross Reference for IATYBSID (continued)

Name	Offset	Hex Tag
BSIDCMND	C	4
BSIDCNDD	2E	
BSIDCONT	C	13
BSIDDATA	C0	
BSIDDDRS	2E	0
BSIDDEST	4E	
BSIDDNOD	DC	4E
BSIDDTR1	C1	
BSIDDUPE	C0	4
BSIDEVNT	C0	
BSIDFCT	2C	6
BSIDFEND	C0	
BSIDFILL	F	10
BSIDFIXD	C0	0
BSIDFLG1	E	0
BSIDFLG2	F	0
BSIDFLG3	10	0
BSIDFLG4	11	0
BSIDFXDL	A	C0
BSIDID	2	C2E2C9C4
BSIDIDUS	E	40
BSIDJBSI	F	1
BSIDJCLS	2E	
BSIDJCMD	C	5
BSIDJES	2C	2
BSIDJES3	78	0
BSIDJGID	C2	
BSIDJJOB	D4	
BSIDJMC	2C	7
BSIDJMSG	C	8
BSIDJNMC	56	
BSIDJNUM	80	
BSIDJOBN	CC	
BSIDLOG	2C	5
BSIDMAXL	C0	E00
BSIDMCLS	D	0
BSIDMCS	2C	4
BSIDMCSA	4A	2F
BSIDMCSI	2E	
BSIDMCS4	36	0
BSIDMESG	C	2
BSIDMINL	C0	C0
BSIDMOD	C	0
BSIDMTXT	DC	0
BSIDNATV	C	9
BSIDNCAN	C0	7

Table 25. Cross Reference for IATYBSID (continued)

Name	Offset	Hex Tag
BSIDNEV2	C0	8
BSIDNEV3	C0	9
BSIDNEV4	C0	B
BSIDNEV5	C0	C
BSIDNEV6	C0	D
BSIDNEV7	C0	E
BSIDNEV8	C0	F
BSIDNEV9	C0	10
BSIDNE10	C0	11
BSIDNE11	C0	12
BSIDNE12	C0	13
BSIDNJE	C0	
BSIDNJET	C	51
BSIDNJOB	C0	A
BSIDNLOG	D	10
BSIDNMRD	DC	C2
BSIDNMRL	DC	C0
BSIDNMRR	C	1F
BSIDNNMR	C	1E
BSIDNOLG	E	4
BSIDNORC	C0	14
BSIDNOTE	C	F
BSIDOFFL	C	6
BSIDOPRC	C0	5
BSIDOPRX	C0	6
BSIDORG	4E	
BSIDPRI	F	40
BSIDPTMN	F	20
BSIDREJT	C	7
BSIDRPLY	E	10
BSIDRSDA	A0	40404040
BSIDRSD2	7E	0
BSIDRSD4	84	
BSIDRSD5	88	
BSIDRSD6	8C	
BSIDRSD7	90	
BSIDRSD8	94	
BSIDRSS1	A8	
BSIDRSS2	AC	
BSIDRSS3	B0	
BSIDRSS4	B4	
BSIDRSUM	C	16
BSIDRSU1	B8	
BSIDRSU2	BC	
BSIDSEND	E	80
BSIDSHTL	C	1

Table 25. Cross Reference for IATYBSID (continued)

Name	Offset	Hex Tag
BSIDSPND	C	14
BSIDSSNW	F	8
BSIDSUPP	D	8
BSIDSYS	D	20
BSIDSYSI	4E	40404040
BSIDTOTL	0	0
BSIDTQID	C	B
BSIDTQIP	C	A
BSIDTQI1	70	
BSIDTQI2	74	
BSIDTRNQ	C0	1
BSIDTSO	2C	1
BSIDUSER	2C	80
BSIDUSE1	C	80
BSIDUSID	2E	
BSIDUTI	58	0
BSIDVARL	DC	C0
BSIDVEND	DC	
BSIDVER#	6	F2F0F0F0
BSIDVRDL	7C	0
BSIDWAIT	E	20
BSIDXACT	C	3
BSIDXALL	4A	1C
BSIDXBSI	1C	0
BSIDXBSN	24	0
BSIDXDDN	2E	
BSIDXEND	4A	4E
BSIDXHDR	12	E7D6C9C4
BSIDXLEN	1A	3C
BSIDXOID	4A	12
BSIDXRD1	2D	0
BSIDXRD3	3A	0
BSIDXREL	16	F1F0F0F0
BSIDXRS1	3E	0
BSIDXRS2	42	0
BSIDXRU1	46	0
BSIDXRU2	4A	0
BSIDXTYP	2C	0

IATYBWA information

IATYBWA heading information

Common name: Spool browse core buffer processing Work Area

Macro ID: IATYBWA

DSECT name: BWASTART

Owning component:	JES3 (SC1BA)
Eye-catcher ID:	BWA Offset: 0 Length: 4
Storage attributes:	Main Storage: CSA Subpool: 231 Key: zero Residency: 31
Size:	BWASIZE bytes
Created by:	IATDMEB2 *11485TAC
Pointed to by:	DSBCBWKA in IATYDSB
Serialization:	NONE
Function:	This macro maps the parameter/work area for the core buffer processing during spool browse.

IATYBWA mapping

Table 26. Structure BWASTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	BWASTART	Browse work area
0	(0)	CHARACTER	4	BWAID	BWA identifier
4	(4)	BITSTRING	1	BWAVER	Version number
		1		BWAVER01	"X'01'" Version number 1
4	(4)	X'1'	0	BWACVER	"BWAVER01" Current version
5	(5)	BITSTRING	1	BWAMPSEQ	SPOOL writer job's processor sequence number
6	(6)	BITSTRING	2	BWARSVD2	Reserved for IBM
8	(8)	ADDRESS	4	BWASRTN	Address of SRB routine
12	(C)	ADDRESS	4	BWASVT	SVT address
16	(10)	ADDRESS	4	BWAFRRAD	FRR address
20	(14)	ADDRESS	4	BWANXDMC	Next DMC address to process for multiple core buffer
24	(18)	SIGNED	4	BWABUFDL	Buffer data size
28	(1C)	SIGNED	4	BWAJNUM	Job key for buffer
32	(20)	CHARACTER	8	BWADDNAM	Data set name for buffer
40	(28)	BITSTRING	6	BWASPLAD	Spool address for current buffer
46	(2E)	BITSTRING	8	BWASTKN	Target address space token
54	(36)	SIGNED	2	BWAASID	Job's address space ID
56	(38)	BITSTRING	1	BWARETC	Return code from SRB
		Return code values of core buffer processing.			
56	(38)	X'0'	0	BWAOK	"00" Processing successful
56	(38)	X'4'	0	BWABUSY	"04" Busy return from DMEBCBUF
56	(38)	X'8'	0	BWAERROR	"08" Error return from DMEBCBUF
56	(38)	X'FF'	0	BWAINIT	"FF" Return code not set
57	(39)	BITSTRING	1	BWAFLAG1	Flag byte 1
		Definition of BWAFLAG1			
		1...		BWAMCBUF	"X'80'" Multiple core buffer process
		.1..		BWANCBUF	"X'40'" Nth core buffer in progress
		..1.		BWABFCKP	"X'20'" Target file has used buffer 10343S2A checkpoint 10343S2A

Table 26. Structure BWASTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		...1		BWACBF	"X'10'" Source file needs core bufs 10343S2A
		.... 1...		BWANOACT	"X'08'" SPOOL writer job found not active on target system
		.... .1..		BWAMSCBF	"X'04'" Multisystem core buffer request
		.... ..1.		BWALCKS	"X'02'" Both CMS & Local locks held
		1		BWAFL101	"X'01'" Reserved bit for IBM
58	(3A)	BITSTRING	2	BWARSVD1	Reserved for IBM
		Return status information from IEAMSCHD.			
60	(3C)	ADDRESS	4	BWASCC@	SRB Completion code address
64	(40)	ADDRESS	4	BWASCR@	SRB Return code address
68	(44)	ADDRESS	4	BWASCS@	SRB Reason code address
72	(48)	SIGNED	4	BWASCCC	SRB completion code
76	(4C)	SIGNED	4	BWASCRC	SRB Return code
80	(50)	SIGNED	4	BWASCRS	SRB Reason code
84	(54)	ADDRESS	4	BWACBDSS	Browsed DSS address 10343S2A
88	(58)	SIGNED	4	BWARSVD3(10)	Reserved for IBM
		List macro of IEAMSCHD. IEAMSCHD PLISTVER=2, 16603TAAX			
0	(0)	X'80'	0	M00M0002	"BWASCHA" ++ IEAMSCHD NAME
128	(80)	DBL WORD	8	BWASCHA(0)	++ IEAMSCHD PARM LIST
128	(80)	BITSTRING	1	BWASCHA_XVERSION	++ INPUT XVERSION
129	(81)	BITSTRING	1	BWASCHA_XFLAG1	++ FIELD_LABEL
		.... 1...		BWASCHA_XENV_STOKEN	"B'00001000'" ++ XENV.STOKEN KEYWORD
		.... .1..		BWASCHA_XENV_FULLXM	"B'00000100'" ++ XENV.FULLXM KEYWORD
		.... ..1.		BWASCHA_XENV_PRIMARY	"B'00000010'" ++ XENV.PRIMARY KEYWORD
		1		BWASCHA_XENV_HOME	"B'00000001'" ++ XENV.HOME KEYWORD
130	(82)	BITSTRING	1	BWASCHA_XFLAG2	++ FIELD_LABEL
		1...		BWASCHA_XTRANSFER_YES	"B'10000000'" ++ XTRANSFER.YES KEYWORD
		.1..		BWASCHA_KEYUSED_SRBIDTOKEN	"B'01000000'" ++ KEYUSED.SRBIDTOKEN KEYWORD
		..1.		BWASCHA_KEYUSED_DUALPOOLTOKEN	"B'00100000'" ++ KEYUSED.DUALPOOLTOKEN KEYWORD
		...1		BWASCHA_XSYNCH_YES	"B'00010000'" ++ XSYNCH.YES KEYWORD
		.... 1...		BWASCHA_KEYUSED_KEYVALUE	"B'00001000'" ++ KEYUSED.KEYVALUE KEYWORD
		.... .1..		BWASCHA_XLLOCK_YES	"B'00000100'" ++ XLLOCK.YES KEYWORD
		.... ..1.		BWASCHA_XFEATURE_CPMASK	"B'00000010'" ++ XFEATURE.CPMASK KEYWORD
		1		BWASCHA_XFEATURE_CRYPTO	"B'00000001'" ++ XFEATURE.CRYPTO KEYWORD
131	(83)	BITSTRING	1	BWASCHA_XFLAG3	++ FIELD_LABEL
		..1.		BWASCHA_XPRIORITY_CLIENT	"B'00100000'" ++ XPRIORITY.CLIENT KEYWORD

Table 26. Structure BWASTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		...1		BWASCHA_XPRIORITY_ENCLAVE	"B'00010000'" ++ XPRIORITY.ENCLAVE KEYWORD
		.... 1...		BWASCHA_XPRIORITY_PREEMPT	"B'00001000'" ++ XPRIORITY.PREEMPT KEYWORD
		.... .1..		BWASCHA_XPRIORITY_CURRENT	"B'00000100'" ++ XPRIORITY.CURRENT KEYWORD
		.... ..1.		BWASCHA_XPRIORITY_GLOBAL	"B'00000010'" ++ XPRIORITY.GLOBAL KEYWORD
		1		BWASCHA_XPRIORITY_LOCAL	"B'00000001'" ++ XPRIORITY.LOCAL KEYWORD
132	(84)	ADDRESS	4	BWASCHA_XEPADDR	++
136	(88)	BITSTRING	8	BWASCHA_XTARGETSTOKEN	++
144	(90)	CHARACTER	8	BWASCHA_XENCLAVETOKEN	++
152	(98)	BITSTRING	1	BWASCHA_XMINORPRIORITY	++
153	(99)	BITSTRING	1	BWASCHA_XKEYVALUE	++
154	(9A)	BITSTRING	2	BWASCHA_XCPUMASK	++
156	(9C)	SIGNED	4	BWASCHA_XPARM	++
160	(A0)	ADDRESS	4	BWASCHA_XFRRADDR	++
164	(A4)	ADDRESS	4	BWASCHA_XRMTRADDR	++
168	(A8)	BITSTRING	8	BWASCHA_XPURGESTOKEN	++
176	(B0)	ADDRESS	4	BWASCHA_XPTCBADDR	++
180	(B4)	BITSTRING	8	BWASCHA_XCLIENTSTOKEN	++
188	(BC)	ADDRESS	4	BWASCHA_XSYNCHCOMPADDR	++
192	(C0)	ADDRESS	4	BWASCHA_XSYNCHCODEADDR	++
196	(C4)	ADDRESS	4	BWASCHA_XSYNCHRSNADDR	++
200	(C8)	CHARACTER	16	BWASCHA_XDUALPOOLTOKEN	++
200	(C8)	X'D8'	0	BWASCHA_PL_END	"*" ++ END OF BASE PLIST
160	(A0)	CHARACTER	3	BWASCHA_XRSV0001	++ RESERVED
163	(A3)	BITSTRING	1	BWASCHA_XFRRFLAG	++ FIELD_LABEL
		1		BWASCHA_XSDWALOC31_YES	"B'00000001'" ++ XSDWALOC31.YES KEYWORD
216	(D8)	X'58'	0	BWASCHAL	"*-BWASCHA" ++ LENGTH OF PLIST
				IEAMSCHD-4 JESXCF data and macro list definitions	
216	(D8)	CHARACTER	16	BWAMBOX	JES3 AUX mailbox name
232	(E8)	CHARACTER	16	BWAMBRN(0)	Member name for JESXCF ATTACH
232	(E8)	CHARACTER	8	BWAMBRN1	Member name text for part 1
240	(F0)	CHARACTER	8	BWAMBRN2	Member name system part 2
248	(F8)	CHARACTER	8	BWAMSGTK	Message Token
256	(100)	ADDRESS	4	BWACBWKA	Beginning address of BWA
260	(104)	SIGNED	4	BWALEN	BWA size
264	(108)	SIGNED	4	BWABRETC	Return Code from Send Msg
268	(10C)	SIGNED	4	BWABRESC	Reason Code from Send Msg
272	(110)	SIGNED	4	BWARESPD	Response Data Address
276	(114)	SIGNED	4	BWARESPL	Response Data Length MACDATE -10/16/01-<2>
0	(0)	X'118'	0	M00M0005	"BWAIXSM" ++ IXZXIXSM NAME
280	(118)	DBL WORD	8	BWAIXSM(0)	++ IXZXIXSM PARM LIST

Table 26. Structure BWASTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
280	(118)	BITSTRING	1	BWAIXSM_XVERSION	++ INPUT XVERSION
281	(119)	CHARACTER	6	BWAIXSM_XEYECATCH	++ CONSTANT XEYECATCH
287	(11F)	BITSTRING	1	BWAIXSM_XMSGATTR	++ INPUT
		1...		BWAIXSM_XMSGATTR_J3CONNECT	"B'10000000'" ++ XMSGATTR.J3CONNECT KEYWORD
		.1..		BWAIXSM_XMSGATTR_EXPRESS	"B'01000000'" ++ XMSGATTR.EXPRESS KEYWORD
288	(120)	CHARACTER	16	BWAIXSM_XMBOXNAME	++ XMBOXNAME
304	(130)	CHARACTER	16	BWAIXSM_XMEMBER	++ XMEMBER
320	(140)	ADDRESS	4	BWAIXSM_XDATA	++ XDATA
324	(144)	SIGNED	4	BWAIXSM_XDATALEN	++ XDATALEN
328	(148)	BITSTRING	8	BWAIXSM_XREQTOKEN	++ XREQTOKEN
336	(150)	CHARACTER	16	BWAIXSM_XREQMBOX	++ XREQMBOX
352	(160)	SIGNED	4	BWAIXSM_XDATAALET	++ XDATAALET
356	(164)	SIGNED	4	BWAIXSM_XRESPDALT	++ XRESPDALT
360	(168)	SIGNED	4	BWAIXSM_XECB	++ XECB
364	(16C)	SIGNED	4	BWAIXSM_XEXIT	++ XEXIT
368	(170)	BITSTRING	8	BWAIXSM_XCONNECT	++ XCONNECT
376	(178)	SIGNED	4	BWAIXSM_XGROUPTOKEN	++ XGROUPTOKEN
380	(17C)	SIGNED	4	BWAIXSM_XUSERRC	++ XUSERRC
384	(180)	SIGNED	4	BWAIXSM_XRESPDATA	++ XRESPDATA
388	(184)	SIGNED	4	BWAIXSM_XRESPDLEN	++ XRESPDLEN
392	(188)	CHARACTER	4	BWAIXSM_XRSV00001	++ RESERVED XRSV00001
396	(18C)	BITSTRING	8	BWAIXSM_XMSGTOKEN	++ XMSGTOKEN
404	(194)	SIGNED	4	BWAIXSM_XRIPSIZE	++ XRIPSIZE
408	(198)	BITSTRING	1	BWAIXSM_XREQTYPE	++ INPUT
		1...		BWAIXSM_XREQTYPE_ASYNC	"B'10000000'" ++ XREQTYPE.ASYNC KEYWORD
		.1..		BWAIXSM_XREQTYPE_SYNC	"B'01000000'" ++ XREQTYPE.SYNC KEYWORD
		..1.		BWAIXSM_XREQTYPE_ASYNCACK	"B'00100000'" ++ XREQTYPE.ASYNCACK KEYWORD
		...1		BWAIXSM_XREQTYPE_COMM	"B'00010000'" ++ XREQTYPE.COMM KEYWORD
409	(199)	BITSTRING	1	BWAIXSM_XSEGTYPE	++ INPUT
		1...		BWAIXSM_XSEGTYPE_SINGLE	"B'10000000'" ++ XSEGTYPE.SINGLE KEYWORD
		.1..		BWAIXSM_XSEGTYPE_FIRST	"B'01000000'" ++ XSEGTYPE.FIRST KEYWORD
		..1.		BWAIXSM_XSEGTYPE_MIDDLE	"B'00100000'" ++ XSEGTYPE.MIDDLE KEYWORD
		...1		BWAIXSM_XSEGTYPE_LAST	"B'00010000'" ++ XSEGTYPE.LAST KEYWORD
		.... 1...		BWAIXSM_XSEGTYPE_ABORT	"B'00001000'" ++ XSEGTYPE.ABORT KEYWORD
410	(19A)	BITSTRING	1	BWAIXSM_XKEYS	++ FIELD_LABEL
		1...		BWAIXSM_KEYUSED_REQTYPE	"B'10000000'" ++ KEYUSED.REQTYPE KEYWORD
		.1..		BWAIXSM_KEYUSED_REQTOKEN	"B'01000000'" ++ KEYUSED.REQTOKEN KEYWORD

Table 26. Structure BWASTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		BWAIXSM_KEYUSED_REQMBOX	"B'00100000'" ++ KEYUSED.REQMBOX KEYWORD
		...1		BWAIXSM_KEYUSED_EXIT	"B'00010000'" ++ KEYUSED.EXIT KEYWORD
		.... 1...		BWAIXSM_KEYUSED_SEGTYPE	"B'00001000'" ++ KEYUSED.SEGTYPE KEYWORD
		.... .1..		BWAIXSM_KEYUSED_CONNECT	"B'00000100'" ++ KEYUSED.CONNECT KEYWORD
		.... ..1.		BWAIXSM_KEYUSED_MSGTOKEN	"B'00000010'" ++ KEYUSED.MSGTOKEN KEYWORD
		1		BWAIXSM_KEYUSED_MSGATTR	"B'00000001'" ++ KEYUSED.MSGATTR KEYWORD
411	(19B)	BITSTRING	1	BWAIXSM_XKEYS1	++ FIELD_LABEL
		1...		BWAIXSM_KEYUSED_ECB	"B'10000000'" ++ KEYUSED.ECB KEYWORD
		.1..		BWAIXSM_KEYUSED_DATAALET	"B'01000000'" ++ KEYUSED.DATAALET KEYWORD
		..1.		BWAIXSM_KEYUSED_RELEASE_CADS	"B'00100000'" ++ KEYUSED.RELEASE_CADS KEYWORD
		...1		BWAIXSM_KEYUSED_RIPSIZE	"B'00010000'" ++ KEYUSED.RIPSIZE KEYWORD
411	(19B)	X'84'	0	BWAIXSML	"*-BWAIXSM" ++ LENGTH OF PLIST
		MACDATE -11/12/03-<1>		IXZXIXSM-2	
0	(0)	X'1A0'	0	M00M0006	"BWAIXAC" ++ IXZXIXAC NAME
416	(1A0)	DBL WORD	8	BWAIXAC(0)	++ IXZXIXAC PARM LIST
416	(1A0)	BITSTRING	1	BWAIXAC_XVERSION	++ INPUT XVERSION
417	(1A1)	CHARACTER	6	BWAIXAC_XEYECATCH	++ CONSTANT XEYECATCH
423	(1A7)	BITSTRING	1	BWAIXAC_XSTB	++ INPUT
		1...		BWAIXAC_XSTB_NO	"B'10000000'" ++ XSTB.NO KEYWORD
		.1..		BWAIXAC_XSTB_YES	"B'01000000'" ++ XSTB.YES KEYWORD
424	(1A8)	BITSTRING	8	BWAIXAC_XMSGTOKEN	++ XMSGTOKEN
432	(1B0)	ADDRESS	4	BWAIXAC_XDATA	++ XDATA
436	(1B4)	SIGNED	4	BWAIXAC_XDATALEN	++ XDATALEN
440	(1B8)	SIGNED	4	BWAIXAC_XUSERRC	++ XUSERRC
444	(1BC)	SIGNED	4	BWAIXAC_XGROUPTOKEN	++ XGROUPTOKEN
448	(1C0)	SIGNED	4	BWAIXAC_XSYSRC	++ XSYSRC
452	(1C4)	SIGNED	4	BWAIXAC_XSYSRSN	++ XSYSRSN
456	(1C8)	BITSTRING	1	BWAIXAC_XKEYS	++ FIELD_LABEL
		1...		BWAIXAC_KEYUSED_DATA	"B'10000000'" ++ KEYUSED.DATA KEYWORD
		.1..		BWAIXAC_KEYUSED_DATALEN	"B'01000000'" ++ KEYUSED.DATALEN KEYWORD
		..1.		BWAIXAC_KEYUSED_USERRC	"B'00100000'" ++ KEYUSED.USERRC KEYWORD
		...1		BWAIXAC_KEYUSED_SYSRC	"B'00010000'" ++ KEYUSED.SYSRC KEYWORD
		.... 1...		BWAIXAC_KEYUSED_SYSRSN	"B'00001000'" ++ KEYUSED.SYSRSN KEYWORD
457	(1C9)	BITSTRING	1	BWAIXAC_XMSGATTR	++ INPUT
		1...		BWAIXAC_XMSGATTR_J3CONNECT	"B'10000000'" ++ XMSGATTR.J3CONNECT KEYWORD

Table 26. Structure BWASTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.1..		BWAIXAC_XMSGATTR_EXPRESS	"B'01000000'" ++ XMSGATTR.EXPRESS KEYWORD
457	(1C9)	X'2A'	0	BWAIXACL	"*-BWAIXAC" ++ LENGTH OF PLIST
				IXZXIXAC-1	
464	(1D0)	DBL WORD	8	BWAEND(0)	
464	(1D0)	X'1D0'	0	BWASIZE	"BWAEND-BWASTART" Size of browse work area
		Start of data buffer.			
464	(1D0)	CHARACTER	1	BWACBUF(0)	Location of buffer for move

Table 27. Cross Reference for IATYBWA

Name	Offset	Hex Tag
BWAASID	36	
BWABFCKP	39	20
BWABRESC	10C	
BWABRETC	108	
BWABUFDL	18	
BWABUSY	38	4
BWACBDSS	54	
BWACBF	39	10
BWACBUF	1D0	
BWACBWKA	100	
BWACVER	4	1
BWADDNAM	20	
BWAEND	1D0	
BWAERROR	38	8
BWAFLAG1	39	
BWAFL101	39	1
BWAFRRAD	10	
BWAID	0	C2E6C140
BWAINIT	38	FF
BWAIXAC	1A0	
BWAIXAC_KEYUSED_DATA	1C8	80
BWAIXAC_KEYUSED_DATALEN	1C8	40
BWAIXAC_KEYUSED_SYSRC	1C8	10
BWAIXAC_KEYUSED_SYSRSN	1C8	8
BWAIXAC_KEYUSED_USERRC	1C8	20
BWAIXAC_XDATA	1B0	
BWAIXAC_XDATALEN	1B4	
BWAIXAC_XEYECATCH	1A1	
BWAIXAC_XGROUPTOKEN	1BC	
BWAIXAC_XKEYS	1C8	
BWAIXAC_XMSGATTR	1C9	
BWAIXAC_XMSGATTR_EXPRESS	1C9	40

Table 27. Cross Reference for IATYBWA (continued)

Name	Offset	Hex Tag
BWAIXAC_XMSGATTR_J3CONNECT	1C9	80
BWAIXAC_XMSGTOKEN	1A8	
BWAIXAC_XSTB	1A7	
BWAIXAC_XSTB_NO	1A7	80
BWAIXAC_XSTB_YES	1A7	40
BWAIXAC_XSYSRC	1C0	
BWAIXAC_XSYSRSN	1C4	
BWAIXAC_XUSERRC	1B8	
BWAIXAC_XVERSION	1A0	
BWAIXACL	1C9	2A
BWAIXSM	118	
BWAIXSM_KEYUSED_CONNECT	19A	4
BWAIXSM_KEYUSED_DATAALET	19B	40
BWAIXSM_KEYUSED_ECB	19B	80
BWAIXSM_KEYUSED_EXIT	19A	10
BWAIXSM_KEYUSED_MSGATTR	19A	1
BWAIXSM_KEYUSED_MSGTOKEN	19A	2
BWAIXSM_KEYUSED_RELEASE_CADS	19B	20
BWAIXSM_KEYUSED_REQMBOX	19A	20
BWAIXSM_KEYUSED_REQTOKEN	19A	40
BWAIXSM_KEYUSED_REQTYPE	19A	80
BWAIXSM_KEYUSED_RIPSIZE	19B	10
BWAIXSM_KEYUSED_SEGTYPE	19A	8
BWAIXSM_XCONNECT	170	
BWAIXSM_XDATA	140	
BWAIXSM_XDATAALET	160	
BWAIXSM_XDATALEN	144	
BWAIXSM_XECB	168	
BWAIXSM_XEXIT	16C	
BWAIXSM_XEYECATCH	119	
BWAIXSM_XGROUPTOKEN	178	
BWAIXSM_XKEYS	19A	
BWAIXSM_XKEYS1	19B	
BWAIXSM_XMBOXNAME	120	
BWAIXSM_XMEMBER	130	
BWAIXSM_XMSGATTR	11F	
BWAIXSM_XMSGATTR_EXPRESS	11F	40
BWAIXSM_XMSGATTR_J3CONNECT	11F	80
BWAIXSM_XMSGTOKEN	18C	
BWAIXSM_XREQMBOX	150	
BWAIXSM_XREQTOKEN	148	
BWAIXSM_XREQTYPE	198	
BWAIXSM_XREQTYPE_ASYNC	198	80
BWAIXSM_XREQTYPE_ASYNCACK	198	20
BWAIXSM_XREQTYPE_COMM	198	10
BWAIXSM_XREQTYPE_SYNC	198	40

Table 27. Cross Reference for IATYBWA (continued)

Name	Offset	Hex Tag
BWAIXSM_XRESPDALT	164	
BWAIXSM_XRESPDATA	180	
BWAIXSM_XRESPDLEN	184	
BWAIXSM_XRIPSIZE	194	
BWAIXSM_XRSV00001	188	
BWAIXSM_XSEGTYPE	199	
BWAIXSM_XSEGTYPE_ABORT	199	8
BWAIXSM_XSEGTYPE_FIRST	199	40
BWAIXSM_XSEGTYPE_LAST	199	10
BWAIXSM_XSEGTYPE_MIDDLE	199	20
BWAIXSM_XSEGTYPE_SINGLE	199	80
BWAIXSM_XUSERRC	17C	
BWAIXSM_XVERSION	118	
BWAIXSML	19B	84
BWAJNUM	1C	
BWALCKS	39	2
BWALEN	104	
BWAMBOX	D8	E2E8E2D1
BWAMBRN	E8	
BWAMBRN1	E8	D4E2C3C2
BWAMBRN2	F0	
BWAMCBUF	39	80
BWAMPSEQ	5	
BWAMSCBF	39	4
BWAMSGTK	F8	
BWANCBUF	39	40
BWANOACT	39	8
BWANXDMC	14	
BWAOK	38	0
BWARESPD	110	
BWARESPL	114	
BWARETC	38	
BWARSVD1	3A	
BWARSVD2	6	
BWARSVD3	58	
BWASCC@	3C	
BWASCCC	48	
BWASCHA	80	
BWASCHA_KEYUSED_DUALPOOLTOKEN	82	20
BWASCHA_KEYUSED_KEYVALUE	82	8
BWASCHA_KEYUSED_SRBIDTOKEN	82	40
BWASCHA_PL_END	C8	D8
BWASCHA_XCLIENTSTOKEN	B4	
BWASCHA_XCPUMASK	9A	
BWASCHA_XDUALPOOLTOKEN	C8	
BWASCHA_XENCLAVETOKEN	90	

Table 27. Cross Reference for IATYBWA (continued)

Name	Offset	Hex Tag
BWASCHA_XENV_FULLXM	81	4
BWASCHA_XENV_HOME	81	1
BWASCHA_XENV_PRIMARY	81	2
BWASCHA_XENV_STOKEN	81	8
BWASCHA_XEPADDR	84	
BWASCHA_XFEATURE_CPMASK	82	2
BWASCHA_XFEATURE_CRYPTO	82	1
BWASCHA_XFLAG1	81	
BWASCHA_XFLAG2	82	
BWASCHA_XFLAG3	83	
BWASCHA_XFRRADDR	A0	
BWASCHA_XFRRFLAG	A3	
BWASCHA_XKEYVALUE	99	
BWASCHA_XLLOCK_YES	82	4
BWASCHA_XMINORPRIORITY	98	
BWASCHA_XPARM	9C	
BWASCHA_XPRIORITY_CLIENT	83	20
BWASCHA_XPRIORITY_CURRENT	83	4
BWASCHA_XPRIORITY_ENCLAVE	83	10
BWASCHA_XPRIORITY_GLOBAL	83	2
BWASCHA_XPRIORITY_LOCAL	83	1
BWASCHA_XPRIORITY_PREEMPT	83	8
BWASCHA_XPTCBADDR	B0	
BWASCHA_XPURGESTOKEN	A8	
BWASCHA_XRMTRADDR	A4	
BWASCHA_XRSV0001	A0	
BWASCHA_XSDWALOC31_YES	A3	1
BWASCHA_XSYNCH_YES	82	10
BWASCHA_XSYNCHCODEADDR	C0	
BWASCHA_XSYNCHCOMPADDR	BC	
BWASCHA_XSYNCHRSNADDR	C4	
BWASCHA_XTARGETSTOKEN	88	
BWASCHA_XTRANSFER_YES	82	80
BWASCHA_XVERSION	80	
BWASCHAL	D8	58
BWASCR@	40	
BWASCRC	4C	
BWASCRS	50	
BWASCS@	44	
BWASIZE	1D0	1D0
BWASPLAD	28	0
BWASRTN	8	
BWASTART	0	
BWASTKN	2E	
BWASVT	C	
BWAVER	4	

Table 27. Cross Reference for IATYBWA (continued)

Name	Offset	Hex Tag
BWAVER01	4	1
M00M0002	0	80
M00M0005	0	118
M00M0006	0	1A0

IATYCAT information

IATYCAT heading information

Common name: Catalog Allocate/Unallocate Parameter Lists

Macro ID: IATYCAT

DSECT name: CATASTRT, CATUSTRT

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Main Storage: SUBPOOL 0
Auxiliary Storage: N/A

Size: 1st section: 56 Bytes, 2nd section: 56 Bytes

Created by: IATLVAT

Pointed to by: LCTALLOC in IATYLCT
LCTUNALC in IATYLCT

Serialization: NONE

Function: The CAT defines the parameter lists and options flags that are used to allocate catalogs via IEFAB4F5, and to deallocate catalogs via IEFAB4F4

IATYCAT mapping

Table 28. Structure CATASTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	CATASTRT	, Start of Catalog Allocate Parameter List
0	(0)	ADDRESS	4	CATACTLA	Addr. of Allocate Controls
4	(4)	ADDRESS	4	CATARTNA	Addr. of Return Code Pointer
8	(8)	ADDRESS	4	CATAJSCA	Addr. of JSCB Pointer
12	(C)	ADDRESS	4	CATADSNA	Addr. of Catalog DSN Pointer
16	(10)	ADDRESS	4	CATACONA	Addr. of Connector Pointer
20	(14)	ADDRESS	4	CATADDNA	Addr. of DDNAME Pointer
24	(18)	SIGNED	2	CATACTL(0)	Allocate Controls
24	(18)	BITSTRING	1	CATACTL1	1st Byte of Allocate Controls
		Definition of CATACTL1 (Same as IEFZB442)			
		1...		ACNODD	"X'80'" Don't create DD for catalog
		.1..		ACDVWAIT	"X'40'" Wait for devices allowed
		..1.		ACRECOVR	"X'20'" Perform catalog recovery
		...1		ACOSCVOL	"X'10'" CVOL - Do not open
		.... 1...		ACVLWAIT	"X'08'" Wait for volumes allowed
		.... .1..		ACOFLINE	"X'04'" Consider offline devices
		.... ..1.		ACNOENQ	"X'02'" Don't ENQueue on TIOT

Table 28. Structure CATASTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1		ACNUJSCB	"X'01'" Change active JSCB to current JSCB to allocate catalogs to the Initiator
25	(19)	BITSTRING	1	CATACTL2	2nd Byte of Allocate Controls
Definition of CATACTL2 (Same as IEFZB442)					
		1...		ACOK2MNT	"X'80'" Catalog mount authorized
		.1..		ACSTPCAT	"X'40'" This catalog is a STEPCAT
		..1.		ACACATLG	"X'20'" Allocate this catalog
		...1		ACOPNACB	"X'10'" Open the catalog ACB
		.... 1...		ACCCPCCB	"X'08'" Create and chain a PCCB
		.... .1..		ACRECOVD	"X'04'" Set if Catalog Recovery unallocated any catalogs
		.... ..1.		ACDDNAME	"X'02'" Allocate the catalog to the DDNAME specified in CATADDNM
		1		ACRSVD01	"X'01'" Reserved Flag
26	(1A)	SIGNED	2	CATARSVD	Reserved for Development
28	(1C)	ADDRESS	4	CATARTN	Address of Return/Reason Code Area
32	(20)	ADDRESS	4	CATAJSCB	JSCB Pointer
36	(24)	ADDRESS	4	CATADSN	Catalog DSN Pointer
40	(28)	ADDRESS	4	CATACONN	Connector Pointer
44	(2C)	ADDRESS	4	CATADDNM	DDNAME Pointer
48	(30)	SIGNED	2	CATARETC	Return Code Area
50	(32)	SIGNED	2	CATAREAS	Reason Code Area
52	(34)	SIGNED	4	CATAEND(0)	End of Catalog Allocate Parameter List
52	(34)	X'34'	0	CATASIZE	"CATAEND-CATASTRT" Size of Catalog Allocate Parameter List

Table 29. Structure CATUSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	CATUSTRT	, Start of Catalog Unallocate Parameter List
0	(0)	ADDRESS	4	CATUCTLA	Addr. of Unallocate Controls
4	(4)	ADDRESS	4	CATURTNA	Addr. of Return Code Pointer
8	(8)	ADDRESS	4	CATUPCCA	Addr. of PCCB Pointer
12	(C)	ADDRESS	4	CATUDDNA	Addr. of DDNAME Pointer
16	(10)	ADDRESS	4	CATUACBA	Addr. of ACB Pointer
20	(14)	ADDRESS	4	CATUJSCA	Addr. of JSCB Pointer
24	(18)	SIGNED	2	CATUCTL(0)	Unallocate Controls
24	(18)	BITSTRING	1	CATUCTL1	1st Byte of Unalloc Controls
Definition of CATUCTL1 (Same as IEFZB443)					
		1...		UCCAJSCB	"X'80'" Change active JSCB Pointer
		.1..		UCNTIONQ	"X'40'" Don't ENQ on the TIOT
		..1.		UCONECAT	"X'20'" Unallocate one Catalog
		...1		UCALLCAT	"X'10'" Unallocate all Catalogs
		.... 1...		UCONEACB	"X'08'" Close one Catalog ACB

Table 29. Structure CATUSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... .1..		UCALLACB	"X'04'" Close all Catalog ACBs
		.... ..1.		UCONPCCB	"X'02'" Free one PCCB
		1		UCALPCCB	"X'01'" Free all PCCBs
25	(19)	BITSTRING	1	CATUCTL2	2nd Byte of Unalloc Controls
		Definition of CATUCTL2 (Same as IEFZB443)			
		1...		UCTEMP	"X'80'" Close Temporarily
		.1..		UCSWTIOT	"X'40'" Switch TIOT Pointer before Closing User Catalog
		..1.		UCRSVD20	"X'20'" Reserved Flag
		...1		UCRSVD10	"X'10'" Reserved Flag
		.... 1...		UCRSVD08	"X'08'" Reserved Flag
		.... .1..		UCRSVD04	"X'04'" Reserved Flag
		.... ..1.		UCRSVD02	"X'02'" Reserved Flag
		1		UCRSVD01	"X'01'" Reserved Flag
26	(1A)	SIGNED	2	CATURSVD	Reserved for Development
28	(1C)	ADDRESS	4	CATURTN	Address of Return/Reason Code Area
32	(20)	ADDRESS	4	CATUPCCB	PCCB Pointer
36	(24)	ADDRESS	4	CATUDDNM	DDNAME Pointer
40	(28)	ADDRESS	4	CATUACB	ACB Pointer
44	(2C)	ADDRESS	4	CATUJSCB	JSCB Pointer
48	(30)	SIGNED	2	CATURETC	Return Code Area
50	(32)	SIGNED	2	CATUREAS	Reason Code Area
52	(34)	SIGNED	4	CATUEND(0)	End of Catalog Unallocate Parameter List
52	(34)	X'34'	0	CATUSIZE	"CATUEND-CATUSTRT" Size of Catalog Unallocate Parameter List

Table 30. Cross Reference for IATYCAT

Name	Offset	Hex Tag
ACACATLG	19	20
ACCCPCCB	19	8
ACDDNAME	19	2
ACDVWAIT	18	40
ACNODD	18	80
ACNOENQ	18	2
ACNUJSCB	18	1
ACOFLINE	18	4
ACOK2MNT	19	80
ACOPNACB	19	10
ACOSCVOL	18	10
ACRECOVD	19	4
ACRECOVR	18	20
ACRSVD01	19	1
ACSTPCAT	19	40
ACVLWAIT	18	8
CATACONA	10	

Table 30. Cross Reference for IATYCAT (continued)

Name	Offset	Hex Tag
CATACONN	28	
CATACTL	18	
CATACTLA	0	
CATACTL1	18	0
CATACTL2	19	0
CATADDNA	14	
CATADDNM	2C	
CATADSN	24	
CATADSNA	C	
CATAEND	34	
CATAJSCA	8	
CATAJSCB	20	
CATAREAS	32	
CATARETC	30	
CATARSVD	1A	0
CATARTN	1C	
CATARTNA	4	
CATASIZE	34	34
CATASTRT	0	
CATUACB	28	
CATUACBA	10	
CATUCTL	18	
CATUCTLA	0	
CATUCTL1	18	0
CATUCTL2	19	0
CATUDDNA	C	
CATUDDNM	24	
CATUEND	34	
CATUJSCA	14	
CATUJSCB	2C	
CATUPCCA	8	
CATUPCCB	20	
CATUREAS	32	
CATURETC	30	
CATURSVD	1A	0
CATURTN	1C	
CATURTNA	4	
CATUSIZE	34	34
CATUSTRT	0	
UCALLACB	18	4
UCALLCAT	18	10
UCALPCCB	18	1
UCCAJSCB	18	80
UCNTIONQ	18	40
UCONEACB	18	8
UCONECAT	18	20

Table 30. Cross Reference for IATYCAT (continued)

Name	Offset	Hex Tag
UCONPCCB	18	2
UCRSVD01	19	1
UCRSVD02	19	2
UCRSVD04	19	4
UCRSVD08	19	8
UCRSVD10	19	10
UCRSVD20	19	20
UCSWTIOT	19	40
UCTEMP	19	80

IATYCFGS information

IATYCFGS heading information

Common name: Configuration Services Data Area

Macro ID: IATYCFGS

DSECT name: CFSSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: CFGS
Offset: 0
Length: 4

Storage attributes: Main Storage: Any
Subpool: 0
Key: 1

Size: CFSSIZE bytes

Created by: Issuer of the IATXCFGS INITIALIZE service

Pointed to by: ITKCFGTK in IATYITK

Serialization: NONE

Function: This macro maps the information used by the Configuration Services module, IATCFSRV. It is created when a module issues an IATXCFGS INITIALIZE service, and is passed to all other IATXCFGS requests.

IATYCFGS mapping

Table 31. Structure CFSSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	CFSSTART	, Configuration Services Data
0	(0)	CHARACTER	4	CFSID	Control block id
4	(4)	ADDRESS	4	CFSSELF	Pointer to ourself
8	(8)	DBL WORD	8	CFSWORK(0)	General work area one
8	(8)	BITSTRING	32		Make room for a JOBTAT FDB
40	(28)	DBL WORD	8	CFSWORK2(0)	General work area two
40	(28)	SIGNED	4	(6)	Make room for a PURCHAIN work area
64	(40)	ADDRESS	4	CFSTKTCB	IATINTK TCB address 0005
		Old and New Configuration Information.			
68	(44)	ADDRESS	4	CFSOCFFR	Address of first Old Configuration Data Entry (OCF)

Table 31. Structure CFSSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
72	(48)	ADDRESS	4	CFSOCFLS	Address of last OCF
76	(4C)	SIGNED	4	CFSOCFCI	Cellpool identifier for OCF elements
80	(50)	ADDRESS	4	CFSNCFFR	Address of first New Configuration Data Entry (NCF)
84	(54)	ADDRESS	4	CFSNCFLS	Address of last NCF
88	(58)	SIGNED	4	CFSNCFCI	Cellpool identifier for NCF elements
CFSCPP IATYCPP TYPE=F, IATXBPL parameter list					
CELL POOL PARAMETER LIST 01 Change Activity: $TK= J3SCALE HJS77A0 130529 PD0PK: z 2.2.0 $TK= J3SCALE HJS77A0 150126 RD0DJ: z 2.2.0					
92	(5C)	SIGNED	4	CFSCPP(0)	
92	(5C)	ADDRESS	4		Number of cells in primary extent (CPPCNUM)
96	(60)	ADDRESS	4		Number of reserved cells (CPPCRSVD)
100	(64)	ADDRESS	4		Number of cells in each secondary extent (CPPSCNUM)
104	(68)	ADDRESS	2		Number of bytes per cell (CPPCSIZE)
106	(6A)	ADDRESS	2		Subpool for the cell pool (CPPSUBID)
108	(6C)	ADDRESS	2		Maximum number the cell pool can extend (CPPMAXET)
110	(6E)	BITSTRING	1		Flags (CPPFLAGS)
111	(6F)	ADDRESS	1		Threshold % (CPPTHOLD)
112	(70)	ADDRESS	4		Health check data area address (CPPHCHKA)
116	(74)	CHARACTER	8		Control block using the pool (CPPCTLBK)
124	(7C)	ADDRESS	4	(2)	Reserved for user (CPPRSVU1)
132	(84)	ADDRESS	4	(2)	Unused
ECB Information. ECB List Used by the READ_ACCESS and WRITE_ACCESS functions.					
140	(8C)	SIGNED	4	CFSECBLS(0)	ECB List Used for WAIT
140	(8C)	ADDRESS	4	CFSECBA1	ECB address 1
144	(90)	ADDRESS	4	CFSECBA2	ECB address 2
148	(94)	ADDRESS	4	CFSECBA3	ECB address 3
ECBs Used by the READ_ACCESS and WRITE_ACCESS functions.					
152	(98)	SIGNED	4	CFSNQECB	ENQ ECB - posted when the configuration change resource becomes available
156	(9C)	SIGNED	4	CFSTMECB	Timer ECB - posted when a specified time elapses.
160	(A0)	SIGNED	4	CFSWRECB	WTOR ECB - posted when the operator responds to message IAT3bbb (to cancel initialization)
ENQ/DEQ Related Information. Major and minor names.					

Table 31. Structure CFSSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
164	(A4)	CHARACTER	8	CFSMAJNM	Major Name
172	(AC)	BITSTRING	1	CFSMINNM(0)	Start of minor name length and actual name
172	(AC)	BITSTRING	1	CFSMINLN	Minor name length
173	(AD)	CHARACTER	14	CFSMINPF(0)	Minor name prefix
173	(AD)	CHARACTER	65	CFSMINTX	Minor name - includes the prefix and primary checkpoint volser and data set name with a 0005 period in-between 0005 0005
238	(EE)	BITSTRING	1	CFSMNCK1(0)	Start of secondary minor 0005 name length and actual 0005 name 0005 0005
238	(EE)	BITSTRING	1	CFSMNCL1	Minor name length 0005 0005
239	(EF)	CHARACTER	7	CFSMNPF1(0)	Minor name prefix 0005 0005
239	(EF)	CHARACTER	58	CFSMNTX1	Minor name - includes 0005 the prefix and secondary 0005 checkpoint volser and 0005 data set name with a 0005 period in-between 0005 0005
297	(129)	BITSTRING	1	CFSMNCK2(0)	Start of secondary minor 0005 name length and actual 0005 name 0005 0005
297	(129)	BITSTRING	1	CFSMNCL2	Minor name length 0005 0005
298	(12A)	CHARACTER	7	CFSMNPF2(0)	Minor name prefix 0005 0005
298	(12A)	CHARACTER	1	CFSMNTX2	Minor name - includes 0005 the prefix and secondary 0005 checkpoint volser and 0005 data set name with a 0005 period in-between 0005
TCB that issued the ENQ.					
356	(164)	ADDRESS	4	CFSNQTCB	TCB of task that issued the ENQ request
ENQ parameter list. Note that when the TCB or ECB 0 parameter is specified, the parameter list contains a prefix that preceeds the label on the ENQ macro.					
360	(168)	SIGNED	4	CFSENQST(0)	Actual start of parm list
CFSENQ ENQ (,,,,), ENQ parameter list X					
MACRO-DATE = 03/16/15					
360	(168)	SIGNED	4	(0)	ESTABLISH A FULLWORD BOUNDARY
360	(168)	ADDRESS	4		PREFIX - TCB ADDRESS X02113
364	(16C)	ADDRESS	4		PREFIX - ECB ADDRESS
364	(16C)	X'170'	0	CFSENQ	"*" X02113
368	(170)	ADDRESS	1		PELLAST flag byte. X02113
369	(171)	ADDRESS	1		PELMILEN - RNAME length.
370	(172)	BITSTRING	1		
PELFLAG - flag byte 2.					
371	(173)	ADDRESS	1		PELRET - return code byte.
372	(174)	ADDRESS	4		QNAME ADDRESS
376	(178)	ADDRESS	4		RNAME ADDRESS
376	(178)	X'14'	0	CFSENQSZ	"*-CFSENQST" Size of ENQ parameter list

Table 31. Structure CFSSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
380	(17C)	SIGNED	4	CFSENQT2(0)	Actual start of parm list 0005
CFSENQ2 ENQ (,,,,,,,,), ENQ parameter list 0					
MACRO-DATE = 03/16/15					
380	(17C)	SIGNED	4	(0)	ESTABLISH A FULLWORD BOUNDARY
380	(17C)	ADDRESS	4		PREFIX - TCB ADDRESS X02113
384	(180)	ADDRESS	4		PREFIX - ECB ADDRESS
384	(180)	X'184'	0	CFSENQ2	"*" X02113
388	(184)	ADDRESS	1		PELLAST flag byte. X02113
389	(185)	ADDRESS	1		PELMILEN - RNAME length.
390	(186)	BITSTRING	1		
PELFLAG - flag byte 2.					
391	(187)	ADDRESS	1		PELRET - return code byte.
392	(188)	ADDRESS	4		QNAME ADDRESS
396	(18C)	ADDRESS	4		RNAME ADDRESS
400	(190)	ADDRESS	1		PELLAST flag byte. X02113
401	(191)	ADDRESS	1		PELMILEN - RNAME length.
402	(192)	BITSTRING	1		
PELFLAG - flag byte 2.					
403	(193)	ADDRESS	1		PELRET - return code byte.
404	(194)	ADDRESS	4		QNAME ADDRESS
408	(198)	ADDRESS	4		RNAME ADDRESS 0005
408	(198)	X'20'	0	CFSENQS2	"*-CFSENQT2" Size of ENQ parameter list 0005
DEQ parameter list. Note that when the TCB parameter is specified, the parameter list contains a prefix that preceeds the label on the DEQ macro.					
412	(19C)	SIGNED	4	CFSDEQST(0)	Actual start of parm list
CFSDEQ DEQ (,,,), DEQ parameter list X					
MACRO-DATE = 03/16/2015					
412	(19C)	SIGNED	4	(0)	ESTABLISH A FULLWORD BOUNDARY
412	(19C)	ADDRESS	4		PREFIX - TCB ADDRESS X02113
412	(19C)	X'1A0'	0	CFSDEQ	"*" X02113
416	(1A0)	ADDRESS	1		PELLAST flag byte. X02113
417	(1A1)	ADDRESS	1		PELMILEN - RNAME length.
418	(1A2)	BITSTRING	1		
PELFLAG - flag byte 2.					
419	(1A3)	ADDRESS	1		PELRET - return code byte.
420	(1A4)	ADDRESS	4		QNAME ADDRESS

Table 31. Structure CFSSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
424	(1A8)	ADDRESS	4		RNAME ADDRESS
424	(1A8)	X'3C'	0	CFSDEQSS	"*-CFSENQ" Size of short form of DEQ parameter list (i.e. TCB was not specified)
424	(1A8)	X'10'	0	CFSDEQLS	"*-CFSDEQST" Size of long form of DEQ 0005 parameter list (i.e. TCB was specified)
CFSDEQ2 DEQ (,,,,,,,), DEQ parameter list 0					
MACRO-DATE = 03/16/2015					
428	(1AC)	SIGNED	4	(0)	ESTABLISH A FULLWORD BOUNDARY
428	(1AC)	ADDRESS	4		PREFIX - TCB ADDRESS X02113
428	(1AC)	X'1B0'	0	CFSDEQ2	"*" X02113
432	(1B0)	ADDRESS	1		PELLAST flag byte. X02113
433	(1B1)	ADDRESS	1		PELMILEN - RNAME length.
434	(1B2)	BITSTRING	1		
PELFLAG - flag byte 2.					
435	(1B3)	ADDRESS	1		PELRET - return code byte.
436	(1B4)	ADDRESS	4		QNAME ADDRESS
440	(1B8)	ADDRESS	4		RNAME ADDRESS
444	(1BC)	ADDRESS	1		PELLAST flag byte. X02113
445	(1BD)	ADDRESS	1		PELMILEN - RNAME length.
446	(1BE)	BITSTRING	1		
PELFLAG - flag byte 2.					
447	(1BF)	ADDRESS	1		PELRET - return code byte.
448	(1C0)	ADDRESS	4		QNAME ADDRESS
452	(1C4)	ADDRESS	4		RNAME ADDRESS
452	(1C4)	X'18'	0	CFSDEQL2	"*-CFSDEQ2" Size of double form of DEQ 0005 parameter list when the 0005 TCB was specified 0005
STIMERM Information (used when the configuration change resource is not available).					
456	(1C8)	SIGNED	4	CFSSTMID	STIMERM request identifier
CFSSTIMR STIMERM SET, STIMERM Parameter List X					
MACDATE = 08/19/88					
460	(1CC)	BITSTRING	24	CFSSTIMR	REMOTE STIMERM SET PARM LIST
460	(1CC)	X'18'	0	CFSSTMSZ	"*-CFSSTIMR" Size of parameter list
ENQ Wait Time Values (in hundreths of a second).					
460	(1CC)	X'5DC'	0	CFSNQWEX	"1500" Wait time for exclusive use
460	(1CC)	X'1770'	0	CFSNQWSH	"6000" Wait time for shared use

Table 31. Structure CFSSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		Message Related Information. WTO Parameter List. CFSWTO WTO TEXT=, WTO Parameter List X			
484	(1E4)	SIGNED	4	CFSWTO(0)	
484	(1E4)	ADDRESS	2		TEXT LENGTH
486	(1E6)	BITSTRING	2		MCSFLAGS
488	(1E8)	ADDRESS	4		MESSAGE TEXT ADDRESS
492	(1EC)	ADDRESS	1		VERSION LEVEL
493	(1ED)	BITSTRING	1		MISCELLANEOUS FLAGS
494	(1EE)	ADDRESS	1		REPLY LENGTH
495	(1EF)	ADDRESS	1		LENGTH OF WPX
496	(1F0)	BITSTRING	2		EXTENDED MCS FLAGS
498	(1F2)	ADDRESS	2		RESERVED
500	(1F4)	ADDRESS	4		REPLY BUFFER ADDRESS
504	(1F8)	ADDRESS	4		REPLY ECB ADDRESS
508	(1FC)	ADDRESS	4		CONNECT ID
512	(200)	BITSTRING	2		DESCRIPTOR CODES
514	(202)	ADDRESS	2		RESERVED
516	(204)	BITSTRING	16		
532	(214)	BITSTRING	2		MESSAGE TYPE
534	(216)	ADDRESS	2		MESSAGE'S PRIORITY
536	(218)	CHARACTER	8		JOB ID
544	(220)	CHARACTER	8		JOB NAME
552	(228)	CHARACTER	8		RETRIEVAL KEY
560	(230)	ADDRESS	4		TOKEN FOR DOM
564	(234)	ADDRESS	4		CONSOLE ID
568	(238)	CHARACTER	8		SYSTEM NAME
576	(240)	CHARACTER	8		CONSOLE NAME
584	(248)	ADDRESS	4		REPLY CONSOLE NAME/ID ADDR
588	(24C)	ADDRESS	4		CART ADDRESS
592	(250)	ADDRESS	4		WSPARM ADDRESS
592	(250)	X'70'	0	CFSWTOSZ	"*-CFSWTO" Size of parameter list
		WTOR Parameter List. CFSWTOR WTOR TEXT=(,,,), WTOR Parameter List X			
596	(254)	SIGNED	4	CFSWTOR(0)	
596	(254)	ADDRESS	2		TEXT LENGTH
598	(256)	BITSTRING	2		MCSFLAGS
600	(258)	ADDRESS	4		MESSAGE TEXT ADDRESS
604	(25C)	ADDRESS	1		VERSION LEVEL
605	(25D)	BITSTRING	1		MISCELLANEOUS FLAGS
606	(25E)	ADDRESS	1		REPLY LENGTH
607	(25F)	ADDRESS	1		LENGTH OF WPX
608	(260)	BITSTRING	2		EXTENDED MCS FLAGS
610	(262)	ADDRESS	2		RESERVED
612	(264)	ADDRESS	4		REPLY BUFFER ADDRESS

Table 31. Structure CFSSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
616	(268)	ADDRESS	4		REPLY ECB ADDRESS
620	(26C)	ADDRESS	4		CONNECT ID
624	(270)	BITSTRING	2		DESCRIPTOR CODES
626	(272)	ADDRESS	2		RESERVED
628	(274)	BITSTRING	16		
644	(284)	BITSTRING	2		MESSAGE TYPE
646	(286)	ADDRESS	2		MESSAGE'S PRIORITY
648	(288)	CHARACTER	8		JOB ID
656	(290)	CHARACTER	8		JOB NAME
664	(298)	CHARACTER	8		RETRIEVAL KEY
672	(2A0)	ADDRESS	4		TOKEN FOR DOM
676	(2A4)	ADDRESS	4		CONSOLE ID
680	(2A8)	CHARACTER	8		SYSTEM NAME
688	(2B0)	CHARACTER	8		CONSOLE NAME
696	(2B8)	ADDRESS	4		REPLY CONSOLE NAME/ID ADDR
700	(2BC)	ADDRESS	4		CART ADDRESS
704	(2C0)	ADDRESS	4		WSPARM ADDRESS
704	(2C0)	X'70'	0	CFSWTRSZ	"*-CFSWTOR" Size of parameter list
	DOM ids.				
708	(2C4)	SIGNED	4	CFSDOMI1	First DOM id
712	(2C8)	SIGNED	4	CFSDOMI2	Second DOM id
	WTOR Reply Area.				
716	(2CC)	CHARACTER	8	CFSREPLY	WTOR reply area
	Message Work Area.				
724	(2D4)	SIGNED	2	CFSMSGWK(0)	Message Work Area
724	(2D4)	SIGNED	2	CFSMSGLN	Message Text Length
726	(2D6)	CHARACTER	120	CFSMSGTX	Message Text
	Variable message text. This will contain the main processor name if running in the JES3 address space, or the FSS name and asid if running in an FSS address space.				
846	(34E)	SIGNED	2	CFSVMLEN	Length of variable message text
848	(350)	BITSTRING	1	CFSVMTXT(0)	Start of variable message text
	JES3 address space variable message text.				
848	(350)	CHARACTER	8	CFSJ3ATX	Main processor name
	FSS address space variable message text.				
848	(350)	CHARACTER	4	CFSFSSTX	Start of FSS message text
852	(354)	CHARACTER	8	CFSFSSNM	FSS name
860	(35C)	CHARACTER	7		
867	(363)	CHARACTER	4	CFSFSSAI	Address space id
867	(363)	X'17'	0	CFSFSSSZ	"*-CFSFSSTX" Size of message text

Table 31. Structure CFSSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		Caller's PSW key save area			
871	(367)	BITSTRING	1	CFSPSWK	Save area
		Flags.			
872	(368)	BITSTRING	1	CFSFLAG1	Flag One
		Definition of CFSFLAG1.			
		1...		CFSFSSAD	"X'80'" Running in an FSS address space
		.1..		CFSREDAC	"X'40'" Read access has been obtained
		..1.		CFSWRTAC	"X'20'" Write access has been obtained
		...1		CFSNQCHG	"X'10'" ENQ is being changed from a shared ENQ to an exclusive ENQ
		.... 1...		CFSACREL	"X'08'" Access to the configuration has been released (i.e. a DEQ was done)
		.... .1..		CFSRS104	"X'04'" Reserved flag
		.... ..1.		CFSRS102	"X'02'" Reserved flag
		1		CFSRS101	"X'01'" Reserved flag
		End of control block.			
880	(370)	DBL WORD	8	CFSEND(0)	End of control block
880	(370)	X'370'	0	CFSSIZE	"CFSEND-CFSSTART" Size of control block

Table 32. Cross Reference for IATYCFGS

Name	Offset	Hex Tag
CFSACREL	368	8
CFSCPP	5C	
CFSDEQ	19C	1A0
CFSDEQLS	1A8	10
CFSDEQL2	1C4	18
CFSDEQSS	1A8	3C
CFSDEQST	19C	
CFSDEQ2	1AC	1B0
CFSDOMI1	2C4	0
CFSDOMI2	2C8	0
CFSECBA1	8C	
CFSECBA2	90	
CFSECBA3	94	
CFSECBLS	8C	
CFSEND	370	
CFSENQ	16C	170
CFSENQST	168	
CFSENQSZ	178	14
CFSENQS2	198	20

Table 32. Cross Reference for IATYCFGS (continued)

Name	Offset	Hex Tag
CFSENQT2	17C	
CFSENQ2	180	184
CFSFLAG1	368	0
CFSFSSAD	368	80
CFSFSSAI	363	40404040
CFSFSSNM	354	40404040
CFSFSSSZ	363	17
CFSFSSTX	350	C6E2E240
CFSID	0	C3C6C7E2
CFSJ3ATX	350	40404040
CFSMAJNM	A4	E2E8E2E9
CFSMINLN	AC	0
CFSMINNM	AC	
CFSMINPF	AD	
CFSMINTX	AD	40404040
CFSMNCK1	EE	
CFSMNCK2	129	
CFSMNCL1	EE	0
CFSMNCL2	129	0
CFSMNPF1	EF	
CFSMNPF2	12A	
CFSMNTX1	EF	40404040
CFSMNTX2	12A	40404040
CFSMSGLN	2D4	0
CFSMSGTX	2D6	40404040
CFSMSGWK	2D4	
CFSNCFCI	58	0
CFSNCFFR	50	
CFSNCFLS	54	
CFSNQCHG	368	10
CFSNQECB	98	0
CFSNQTCB	164	
CFSNQWEX	1CC	5DC
CFSNQWSH	1CC	1770
CFSOCFCI	4C	0
CFSOCFFR	44	
CFSOCFLS	48	
CFSPSWK	367	0
CFSREDAC	368	40
CFSREPLY	2CC	40404040
CFSRS101	368	1
CFSRS102	368	2
CFSRS104	368	4
CFSSELF	4	
CFSSIZE	370	370
CFSSTART	0	

Table 32. Cross Reference for IATYCFGS (continued)

Name	Offset	Hex Tag
CFSSTIMR	1CC	0
CFSSTMID	1C8	0
CFSSTMSZ	1CC	18
CFSTKTCB	40	
CFSTMECB	9C	0
CFSVMLEN	34E	0
CFSVMTXT	350	
CFSWORK	8	
CFSWORK2	28	
CFSWRECB	A0	0
CFSWRTAC	368	20
CFSWTO	1E4	
CFSWTOR	254	
CFSWTOSZ	250	70
CFSWTRSZ	2C0	70

IATYCFT information

IATYCFT programming interface information

The following field is **NOT** programming interface information:

- CFTPRCST

IATYCFT heading information

Common name: CI FSS TABLE

Macro ID: IATYCFT

DSECT name: CFTSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: CFT
Offset: 0
Length: 4

Storage attributes: Main Storage: SUBPOOL 0
Auxiliary Storage: N/A

Size: 80 Bytes

Created by: IATINI1

Pointed to by: IDACFTST in IATIIDA (FIRST CFT)
FSSEXTPT in IATYFSS (FSS TABLE EXTENSION)
CFTNEXT in IATYCFT (NEXT CFT)

Serialization: NONE

Function: The CI FSS Table is used (in the JES3 Global) to keep track of the status and the work being processed by a CI FSS. The CI FSS PROCLIB status entries are used to keep track of PROCLIB orders, status etc. There is one PROCLIB status entry for each PROCLIB table entry. They are pointed to by, and located at the end of the CI FSS Table.

IATYCFT mapping

Table 33. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

Table 34. Structure CFTSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	CFTSTART	CI FSS TABLE
0	(0)	CHARACTER	4	CFTID	CONTROL BLOCK IDENTIFIER
4	(4)	ADDRESS	4	CFTNEXT	ADDRESS OF THE NEXT CFT
8	(8)	ADDRESS	4	CFTFSSPT	FSS TABLE ADDRESS
12	(C)	SIGNED	4	CFTFSID(0)	FUNCTIONAL SUBSYSTEM ID SAME AS FSSFSID
12	(C)	SIGNED	2	CFTFSSID	FSS PORTION OF FSID
14	(E)	SIGNED	2	CFTFSAID	FSA PORTION OF FSID
16	(10)	ADDRESS	4	CFTMPC	ADDRESS OF MPC FOR THIS FSS SET AT FSS CONNECT TIME OR WHEN FSS IS FOUND TO BE ACTIVE OVER A JES3 RESTART
		FSS WORK-STATUS FIELDS			
20	(14)	SIGNED	4	CFTJOBCH	RQ CHAIN FOR JOBS BEING PROCESSED BY THIS FSS
24	(18)	ADDRESS	4	CFTPRCST	ADDRESS OF PROCLIB STATUS ENTRIES (LOCATED AT THE END OF THE CI FSS TABLE)
		COUNT/WORK FIELDS			
28	(1C)	SIGNED	2	CFTBATUS	NO. OF BATCH CI DSPS IN USE
30	(1E)	SIGNED	2	CFTDSLUS	NO. OF DEMAND SELECT CI DSPS IN USE
32	(20)	SIGNED	4	CFTFORID	FSS PORTION OF ORDER/ORDER RESPONSE IDENTIFIER NUMBER. SET WHEN THE FSS CONNECTS OR IS RESTARTED DURING THE CURRENT JES3 START
36	(24)	SIGNED	4	CFTRSSEQ	RESPONSE SEQUENCE NO. OF LAST MODIFY COUNT (TYPE=NORM) OR PROCESS JOB (TYPE=NAVAIL) RESPONSE
40	(28)	BITSTRING	1	CFTFLAG1	FLAG ONE
		DEFINITION OF CFTFLAG1			
		1...		CFTPRCIN	"X'80'" FSS HAS COMPLETED PROCLIB INITIALIZATION
		.1..		CFTSUBIN	"X'40'" FSS HAS COMPLETED SUBTASK INITIALIZATION
		..1.		CFTSTECF	"X'20'" FSS START COMMAND ECF WAS ADDED TO THE ELB
		...1		CFTGLOBL	"X'10'" FSS RUNS ON GLOBAL PROCESSOR
		.... 1...		CFTCIBYP	"X'08'" BYPASS FSS FOR CI SCHEDULING
		.... .1..		CFTMCRSP	"X'04'" FSS HAS A MODIFY COUNT RESPONSE OUTSTANDING
		.... ..1.		CFTBYPMN	"X'02'" BYPASS FSS FOR CI SCHEDULING IF WE ARE LOOKING FOR A C/I FSS ON A MAIN PROCESSOR THAT IS ELIGIBLE TO RUN THE JOB
		1		CFTFL101	"X'01'" RESERVED

Table 34. Structure CFTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
41	(29)	BITSTRING	1	CFTFLRSV(3)	RESERVED FOR DEVELOPMENT
44	(2C)	ADDRESS	4	CFTSPE	RQ SUBCHAIN PRIORITY ENTRIES FOR JOBS BEING PROCESSED BY THIS FSS. THIS IS USED BY IATGRRQ TO MAINTAIN POINTERS TO THE DIFFERENT PRIORITIES OF RQ'S WITHIN CFTJOBCH
48	(30)	SIGNED	4	CFTRSRVD(2)	RESERVED FOR DEVELOPMENT
56	(38)	SIGNED	4	CFTRSRVS(3)	RESERVED FOR SERVICE
68	(44)	SIGNED	4	CFTRSRVU(3)	RESERVED FOR USER
80	(50)	SIGNED	4	CFTEND(0)	END OF CI FSS TABLE
80	(50)	BITSTRING	1	CFTELEN(0)	LENGTH OF CFT ENTRY

Table 35. Structure CFTPSTAT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	CFTPSTAT	CI FSS PROCLIB STATUS ENTRY
0	(0)	BITSTRING	1	CFTPSTRT(0)	START OF STATUS ENTRY
0	(0)	BITSTRING	1	CFTPFLG1	PROCLIB STATUS FLAG ONE
		DEFINITION OF CFTPFLG1			
		1...		CFTDSINC	"X'80'" FSS INCLUDED IN COUNT OF NO. OF FSS'S NEEDING TO DISABLE THE PROCLIB.
		.1..		CFTENINC	"X'40'" FSS INCLUDED IN COUNT OF NO. OF FSS'S NEEDING TO ENABLE THE PROCLIB.
		..1.		CFTDSORD	"X'20'" PROCLIB (TYPE=DISABLE) ORDER SENT TO THIS FSS
		...1		CFTENORD	"X'10'" PROCLIB (TYPE=ENABLE) ORDER SENT TO THIS FSS
1	(1)	BITSTRING	1	CFTPRSVD	RESERVED
2	(2)	BITSTRING	1	CFTPSEND(0)	END OF STATUS ENTRY
2	(2)	X'2'	0	CFTPSIZE	"CFTPSEND-CFTPSTRT" SIZE OF STATUS ENTRY

Table 36. Cross Reference for IATYCFT

Name	Offset	Hex Tag
CFTBATUS	1C	
CFTBYPMN	28	2
CFTCIBYP	28	8
CFTDSINC	0	80
CFTDSLUS	1E	
CFTDSORD	0	20
CFTELEN	50	
CFTEND	50	
CFTENINC	0	40
CFTENORD	0	10
CFTFLAG1	28	
CFTFLRSV	29	
CFTFL101	28	1

Table 36. Cross Reference for IATYCFT (continued)

Name	Offset	Hex Tag
CFTFORID	20	
CFTFSAID	E	
CFTFSID	C	
CFTFSSID	C	
CFTFSSPT	8	
CFTGLOBL	28	10
CFTID	0	C3C6E340
CFTJOBCH	14	
CFTMCRSP	28	4
CFTMPC	10	
CFTNEXT	4	
CFTPFLG1	0	
CFTPRCIN	28	80
CFTPRCST	18	
CFTPRSVD	1	
CFTPSEND	2	
CFTPSIZE	2	2
CFTPSTAT	0	
CFTPSTRT	0	
CFTRSRVD	30	
CFTRSRVS	38	
CFTRSRVU	44	
CFTRSSEQ	24	
CFTSPE	2C	
CFTSTART	0	
CFTSTECF	28	20
CFTSUBIN	28	40

IATYCFW information

IATYCFW heading information

Common name: MODIFY CONFIGURATION WORK AREA

Macro ID: IATYCFW

DSECT name: IATMOCW

Owning component: JES3 (SC1BA)

Eye-catcher ID: IATMOCW
Offset: 0
Length: 8

Storage attributes: Main Storage: JES3 private area
Auxiliary Storage: N/A
Subpool: 0
Key: 0

Size: CFWKLEN bytes

Created by: ALOADed by IATMOCF

Pointed to by: INTLGTOK in IATYINT
R9 in IATMOCF

Serialization: None

Function: This macro is used to map the *MODIFY,CONFIG work area (module IATMOCW).

IATYCFW mapping

Table 37. Structure IATMOCW

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATMOCW	
CFWKID IATYMOD BR=NO IDENTIFY THE MODULE JES3 MODULE ENTRY POINT IDENTIFIER 01 Change Activity: $SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0					
0	(0)	CHARACTER	8	CFWKID	MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM
Initialization Stream Input Information.					
36	(24)	CHARACTER	8	CFDDNAME	JES3IN DD name
48	(30)	DBL WORD	8	CFMEMBER(0)	Member name
56	(38)	CHARACTER	44	CFDSNAME	Data set name
100	(64)	BITSTRING	4	CFINVLID	VALID from the current 17681TBA inish file 17681TBA
WTO/WTOR/MESSAGE Related Information.					
104	(68)	ADDRESS	4	CFCNDB	Modify CONSOLE CNDB
108	(6C)	ADDRESS	4	CFWTOCON	Console ID for WTOR
112	(70)	ADDRESS	4	CFWTOECB	ECB for WTOR wait
116	(74)	CHARACTER	10	CFOREPLY	Operator reply area
128	(80)	ADDRESS	4	CFMSGCHN	Pending message chain when spool is locked
132	(84)	ADDRESS	4	CFMSGCHE	Pending message chain end
Module and JDE addresses.					
136	(88)	ADDRESS	4	CFMOCWJD	IATMOCW JDE address
140	(8C)	ADDRESS	4	CFINDTJD	IATINDT JDE address
144	(90)	ADDRESS	4	CFINRNJD	IATINRN JDE address
148	(94)	ADDRESS	4	CFUX15JD	IATUX15 JDE address
152	(98)	ADDRESS	4	CFIDVSJD	IATINDVS JDE address
156	(9C)	ADDRESS	4	CFINDTAD	IATINDT address
Information passed to IATUX15.					
160	(A0)	SIGNED	2	CFUXPLEN	Length of parameters
162	(A2)	CHARACTER	8	CFUXPARM	Exit parameters
Commit processing related information.					
172	(AC)	SIGNED	4	CFCMDATE	The date the *F,CONFIG command was issued

Table 37. Structure IATMOCW (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
176	(B0)	SIGNED	4	CFCMTIME	The time the *F,CONFIG command was issued
180	(B4)	SIGNED	4	CFCFGTKN	Configuration services token
184	(B8)	ADDRESS	4	CFCFGEP	Configuration services entry point
188	(BC)	ADDRESS	4	CFICPAD	Initialization Checkpoint Record (ICP) address
192	(C0)	BITSTRING	1	CFMCMPL	*MODIFY,CONFIG Commit Parameter List
	Dynamic Allocation/Unallocation Information. Request block pointer				
216	(D8)	SIGNED	4	(0)	
216	(D8)	BITSTRING	0	CFDYRBPT(0)	DYNAMIC allocation request
216	(D8)	ADDRESS	4		block pointer
	Request block				
220	(DC)	BITSTRING	1	CFDYNLRB	DYNAMIC allocation request block
	Text unit pointer list				
240	(F0)	BITSTRING	4	CFTUPTR1	Text unit pointer number 1
244	(F4)	BITSTRING	4	CFTUPTR2	Text unit pointer number 2
248	(F8)	BITSTRING	4	CFTUPTR3	Text unit pointer number 3
252	(FC)	BITSTRING	1	CFTUPTR4	Text unit pointer number 4
	DDNAME text unit (ALLOCATION & UNALLOCATION)				
256	(100)	ADDRESS	2	CFTUDDNM	Text unit key
258	(102)	ADDRESS	2		No. of Len/Parm pairs
260	(104)	ADDRESS	2		Length
262	(106)	CHARACTER	1		Parm - JES3IN DDNAME
	DSNAME Text unit				
270	(10E)	ADDRESS	2	CFTUDSNM	Text unit key
272	(110)	ADDRESS	2		No. of Len/Parm pairs
274	(112)	ADDRESS	2		Length
276	(114)	CHARACTER	44		Parm - JES3IN DSNAME
	DATASET status text unit (DISP=SHR)				
320	(140)	ADDRESS	2	CFTUDSST	Text unit key
322	(142)	ADDRESS	2		No. of Len/Parm pairs
324	(144)	ADDRESS	2		Length
326	(146)	ADDRESS	4		Parm - "SHARE"
	Normal disposition text unit (DISP=(,...KEEP))				
327	(147)	ADDRESS	2	CFTUNDSP	Text unit key
329	(149)	ADDRESS	2		No. of Len/Parm pairs
331	(14B)	ADDRESS	2		Length
333	(14D)	ADDRESS	4		Parm - "KEEP"

Table 37. Structure IATMOCW (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
					Information used by OPEN, CLOSE, FIND, RDJFCB. CFDCB DCB DDNAME=JES3IN,DSORG=PO,MACRF=(R),RECFM=FB, BUFNO=2,LRECL=80,DCBE=CFDCBE DATA CONTROL BLOCK
336	(150)	SIGNED	4	CFDCB(0)	ORIGIN ON WORD BOUNDARY DIRECT ACCESS DEVICE INTERFACE
336	(150)	ADDRESS	4		DCBE ADDRESS
340	(154)	BITSTRING	12		FDAD, DVTBL
352	(160)	ADDRESS	4		KEYLEN, DEVT, TRBAL COMMON ACCESS METHOD INTERFACE
356	(164)	ADDRESS	1		BUFNO, NUMBER OF BUFFERS
357	(165)	ADDRESS	3		BUFCB, BUFFER POOL CONTROL BLOCK
360	(168)	ADDRESS	2		BUFL, BUFFER LENGTH
362	(16A)	BITSTRING	2		DSORG, DATA SET ORGANIZATION
364	(16C)	ADDRESS	4		IOBAD FOR EXCP OR RESERVED FOUNDATION EXTENSION
368	(170)	BITSTRING	1		BFTEK, BFALN, DCBE INDICATORS
369	(171)	ADDRESS	3		EODAD (END OF DATA ROUTINE ADDRESS)
372	(174)	BITSTRING	1		RECFM (RECORD FORMAT)
373	(175)	ADDRESS	3		EXLST (EXIT LIST ADDRESS) FOUNDATION BLOCK
376	(178)	CHARACTER	8		DDNAME
384	(180)	BITSTRING	1		OFLGS (OPEN FLAGS)
385	(181)	BITSTRING	1		IFLGS (IOS FLAGS)
386	(182)	BITSTRING	2		MACR (MACRO FORMAT) BSAM-BPAM-QSAM INTERFACE
388	(184)	BITSTRING	1		OPTCD, OPTION CODES
389	(185)	ADDRESS	3		CHECK OR INTERNAL QSAM SYNCHRONIZING RTN.
392	(188)	ADDRESS	4		SYNAD, SYNCHRONOUS ERROR RTN. (3 BYTES)
396	(18C)	SIGNED	2		INTERNAL ACCESS METHOD FLAGS
398	(18E)	ADDRESS	2		BLKSIZE, BLOCK SIZE
400	(190)	SIGNED	4		INTERNAL ACCESS METHOD FLAGS
404	(194)	ADDRESS	4		INTERNAL ACCESS METHOD USE BSAM-BPAM INTERFACE
408	(198)	ADDRESS	1		NCP, MAX NUM OF OUTSTANDING READ/WRITES
409	(199)	ADDRESS	3		EOBR, INTERNAL ACCESS METHOD USE
412	(19C)	ADDRESS	4		EOBW, INTERNAL ACCESS METHOD USE
416	(1A0)	ADDRESS	1	(2)	FLAGS AND EITHER DIRCT OR BUFOFF
418	(1A2)	ADDRESS	2		LRECL
420	(1A4)	ADDRESS	4		CNTRL, NOTE, POINT
					CFDCBE DCBE RMODE31=BUFF DATA CONTROL BLOCK EXTENSION.
424	(1A8)	SIGNED	4	CFDCBE(0)	0 Alignment and identifier
428	(1AC)	SIGNED	2		4 Length of DCBE, minimum is 56
430	(1AE)	BITSTRING	2		6 Reserved, should be zero
432	(1B0)	ADDRESS	4		8 0 if not open, OPEN points to DCB

Table 37. Structure IATMOCW (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
436	(1B4)	BITSTRING	4		C Disk address of current member
440	(1B8)	BITSTRING	1		10 Flags set by system
441	(1B9)	BITSTRING	1		11 Flags set by user
442	(1BA)	SIGNED	2		12 Number of stripes if extended format
444	(1BC)	BITSTRING	1		14 Flags set by user
445	(1BD)	BITSTRING	3		15 Reserved
448	(1C0)	BITSTRING	4		18 Reserved
452	(1C4)	SIGNED	4		1C Block size
456	(1C8)	BITSTRING	8		20 Reserved & number of blocks in ds
464	(1D0)	ADDRESS	4		28 End of data routine address or 0
468	(1D4)	ADDRESS	4		2C I/O error routine (synchronous) or 0
472	(1D8)	BITSTRING	6		30 Reserved, should be zero
478	(1DE)	ADDRESS	1	(2)	36 MULTACC and MULTSDN
SHORTEST POSSIBLE DCBE IN ANY RELEASE.					
480	(1E0)	SIGNED	4	CFDCBEXL(0)	Address of JFCB exit
484	(1E4)	BITSTRING	1	CFJFCBWK	JFCB area
Flags. Definition of flag CFERRFLG					
660	(294)	BITSTRING	1	CFERRFLG	Error flag
		1...		CFALOCE	"X'80'" Dynamic allocation error occurred
		.1..		CFOPENE	"X'40'" OPEN not successful
		..1.		CFBLKSE	"X'20'" Block size not divisible by eighty
		...1		CFUNALE	"X'10'" Dynamic unallocation error occurred
		.... 1...		CFMNTFER	"X'08'" Member not found error occurred
		.... .1..		CFPMFNER	"X'04'" Perm error occurred in FIND processing
		.... ..1.		CFRDJFER	"X'02'" RDJFCB error occurred
		1		CFCKPTRD	"X'01'" Error occurred when reading CKPT
660	(294)	X'FF'	0	CFERROR	"CFALOCE+CFOPENE+CFBLKSE+CFUNALE+CFMNTFER+CF PMFNER+CFRDJF"
Definition of flag CFFLAG1					
661	(295)	BITSTRING	1	CFFLAG1	General Flag 1
		1...		CFLOGYES	"X'80'" LOG=YES was specified on *F CONFIG command
		.1..		CFLOGERR	"X'40'" LOG=ERR was specified on *F CONFIG command
		..1.		CFOPENJ	"X'20'" Issue OPEN TYPE=J request
		...1		CFADDEQ	"X'10'" ADD= was specified on the *F,CONFIG command
		.... 1...		CFLOGEQ	"X'08'" LOG= was specified on the *F,CONFIG command

Table 37. Structure IATMOCW (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... .1..		CFSYNERR	"X'04'" Syntax error found in the *F CONFIG command
		.... ..1.		CFLOGOPN	"X'02'" Log data set was opened
		1		CFINDDAL	"X'01'" JES3IN data set was allocated
	Definition of flag CFFLAG2				
662	(296)	BITSTRING	1	CFFLAG2	General Flag 2
		1...		CFPARMEQ	"X'80'" P=string was specified on the *F,CONFIG command
		.1..		CFINDTLD	"X'40'" IATINDT was loaded
		..1.		CFINRNLD	"X'20'" IATINRN was loaded
		...1		CFUX15LD	"X'10'" IATUX15 was loaded
		.... 1...		CFCMTWAC	"X'08'" Write access to the configuration was obtained during commit processing
		.... .1..		CFCMTERR	"X'04'" An error occurred during commit processing
		.... ..1.		CFCMTCOM	"X'02'" Commit processing complete
		1		CFITXCLN	"X'01'" Intermediate text cleanup processing was performed
	Definition of flag CFFLAG3				
663	(297)	BITSTRING	1	CFFLAG3	General Flag 3
		1...		CFINPINT	"X'80'" Initialization stream input initialization was performed
		.1..		CFLGSPUN	"X'40'" The log was spun off at the end of initialization statement processing
		..1.		CFIDVSLD	"X'20'" IATINDVS was loaded
	Definition of flag CFFLAG4				
664	(298)	BITSTRING	1	CFFLAG4	General Flag 4
	Definition of flag CFSEVFLG. This flag is copied from INITFLG1 in IATYINT at the end of table build processing. It is used to determine what types of errors occurred during F,CONFIG processing after the INT has been deleted.				
665	(299)	BITSTRING	1	CFSEVFLG	Severity flag
	JESTAE flag				
666	(29A)	BITSTRING	1	CFJESTFL	JESTAE flag byte
		1...		CFJESENT	"X'80'" JESTAE exit entered
	Log data set information. MRF and JOBTAT FDB's.				
668	(29C)	SIGNED	4	(0)	Align on fullword boundary
668	(29C)	BITSTRING	32	CFLOGFDB	Log data set FDB
700	(2BC)	BITSTRING	32	CFLOGSPN	Log data set FDB that is used when the log is being spun off prior to the *F,CONFIG command completing
732	(2DC)	BITSTRING	28	CFTATFDB	JOBTAT FDB

Table 37. Structure IATMOCW (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
760	(2F8)	BITSTRING	1	CFTATSPN	JOBTAT FDB that is used when the log is being spun off prior to the *F,CONFIG command completing
		Line and byte counters.			
788	(314)	SIGNED	4	CFLINECT	Line count of the log data set
792	(318)	SIGNED	4	CFSPLNCT	Line count after statement processing
796	(31C)	SIGNED	4	CFBYTECT	Byte count of the log data set
		The following three DC's have to be contiguous. These three fields are used for the DDNAME in the JDS for spinoff the log data set.			
800	(320)	CHARACTER	8	CFLOGDD	DDNAME for JDS entry
808	(328)	CHARACTER	8		
816	(330)	CHARACTER	8		
		Function codes for log services.			
816	(330)	X'0'	0	CFLSOPEN	"0" Open the log
816	(330)	X'4'	0	CFLSISPN	"4" Intermediate spinoff request
816	(330)	X'8'	0	CFLSFSPN	"8" Final spinoff request
816	(330)	X'C'	0	CFLSPURG	"12" Purge request
		The following points to the table of initialization statements that are supported via dynamic change.			
824	(338)	ADDRESS	4	CFINITAB	*F,CONFIG Initialization Statement Table
		Register save areas			
828	(33C)	SIGNED	4	CFREGS(16)	Save area for regs 0 - 15
892	(37C)	SIGNED	4	CFAP14SV	Register 14 save area for subtask appendages
896	(380)	SIGNED	4	CFAP15SV	Return code from subtask appendage (R15)
896	(380)	X'382'	0	CFAP15EM	"CFAP15SV+2,2" 3rd and 4th bytes of R.C. for error message
		Parameter Lists. MESSAGE Parameter List. FMSGPRM MESSAGE MF=L MESSAGE Parameter List $T6=z1.13.0 HJS7780 110309 PD0TN: z 1.13.0			
900	(384)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
900	(384)	ADDRESS	4	CFMSGPRM	Text Address
904	(388)	BITSTRING	2		Destination Disp and Mask
906	(38A)	BITSTRING	1		ACTION flag
907	(38B)	ADDRESS	1		Options Flag
908	(38C)	BITSTRING	2		Descriptor Codes
910	(38E)	SIGNED	2		Reserved 2 Bytes
912	(390)	BITSTRING	17		Routing Codes
929	(3A1)	BITSTRING	1	(3)	Reserved
932	(3A4)	BITSTRING	1	(8)	Jobid
940	(3AC)	BITSTRING	1	(8)	Jobname

Table 37. Structure IATMOCW (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
948	(3B4)	BITSTRING	1	(8)	Key
956	(3BC)	ADDRESS	4		CNDB Address 1
960	(3C0)	ADDRESS	4		CNDB Address 2
964	(3C4)	ADDRESS	4		CNDB Address 3
968	(3C8)	ADDRESS	4		CNDB Address 4
972	(3CC)	ADDRESS	4		CNDB Address 5
976	(3D0)	ADDRESS	4		MLWO Address
		WTOR Parameter List.			
		CFWWTOR WTOR TEXT=(,,,), WTOR Parameter List X			
980	(3D4)	SIGNED	4	CFWWTOR(0)	
980	(3D4)	ADDRESS	2		TEXT LENGTH
982	(3D6)	BITSTRING	2		MCSFLAGS
984	(3D8)	ADDRESS	4		MESSAGE TEXT ADDRESS
988	(3DC)	ADDRESS	1		VERSION LEVEL
989	(3DD)	BITSTRING	1		MISCELLANEOUS FLAGS
990	(3DE)	ADDRESS	1		REPLY LENGTH
991	(3DF)	ADDRESS	1		LENGTH OF WPX
992	(3E0)	BITSTRING	2		EXTENDED MCS FLAGS
994	(3E2)	ADDRESS	2		RESERVED
996	(3E4)	ADDRESS	4		REPLY BUFFER ADDRESS
1000	(3E8)	ADDRESS	4		REPLY ECB ADDRESS
1004	(3EC)	ADDRESS	4		CONNECT ID
1008	(3F0)	BITSTRING	2		DESCRIPTOR CODES
1010	(3F2)	ADDRESS	2		RESERVED
1012	(3F4)	BITSTRING	16		
1028	(404)	BITSTRING	2		MESSAGE TYPE
1030	(406)	ADDRESS	2		MESSAGE'S PRIORITY
1032	(408)	CHARACTER	8		JOB ID
1040	(410)	CHARACTER	8		JOB NAME
1048	(418)	CHARACTER	8		RETRIEVAL KEY
1056	(420)	ADDRESS	4		TOKEN FOR DOM
1060	(424)	ADDRESS	4		CONSOLE ID
1064	(428)	CHARACTER	8		SYSTEM NAME
1072	(430)	CHARACTER	8		CONSOLE NAME
1080	(438)	ADDRESS	4		REPLY CONSOLE NAME/ID ADDR
1084	(43C)	ADDRESS	4		CART ADDRESS
1088	(440)	ADDRESS	4		WSPARM ADDRESS
		Common OPEN/CLOSE parameter list			
1092	(444)	SIGNED	4	CFOPCLLS(0)	
		OPEN (,),MF=L OPEN/CLOSE parameter list			
1092	(444)	SIGNED	4	(0)	ALIGN LIST TO WORD
1092	(444)	ADDRESS	1		Option byte
1093	(445)	ADDRESS	3		DCB or ACB address

Table 37. Structure IATMOCW (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		RDJFCB Parameter List			
1096	(448)	SIGNED	4	CFJFCBLS(0)	
		RDJFCB (,),MF=L RDJFCB parameter list			
1096	(448)	SIGNED	4	(0)	ALIGN LIST TO WORD
1096	(448)	ADDRESS	1		Option byte
1097	(449)	ADDRESS	3		DCB or ACB address
		IATXCNDB parameter list IATXCNDB MF=(L,CFCNDBLS) IATXCNDB macro LIST form MACDATE -94/10/04-<3>			
0	(0)	X'450'	0	M00M0018	"CFCNDBLS" ++ IATXCNDB NAME
1104	(450)	DBL WORD	8	CFCNDBLS(0)	++ IATXCNDB PARM LIST
1104	(450)	BITSTRING	1	CFCNDBLS_XVERSION	++ INPUT XVERSION
1105	(451)	CHARACTER	6	CFCNDBLS_XEYECATCH	++ CONSTANT
1111	(457)	BITSTRING	2	CFCNDBLS_XFLAG1	++ FIELD_LABEL
1111	(457)	BITSTRING	0	CFCNDBLS_XOPERATION_INITIALIZE	
					"B'1000000000000000'" ++ XOPERATION.INITIALIZE KEYWORD
1111	(457)	BITSTRING	0	CFCNDBLS_XOPERATION_TRANSFER	
					"B'0100000000000000'" ++ XOPERATION.TRANSFER KEYWORD
1111	(457)	BITSTRING	0	CFCNDBLS_XOPERATION_UPDATE	"B'0010000000000000'" ++ XOPERATION.UPDATE KEYWORD
1111	(457)	BITSTRING	0	CFCNDBLS_XOPERATION_RESET	"B'0001000000000000'" ++ XOPERATION.RESET KEYWORD
1111	(457)	BITSTRING	0	CFCNDBLS_XOPERATION_VERIFY	"B'0000100000000000'" ++ XOPERATION.VERIFY KEYWORD
1111	(457)	BITSTRING	0	CFCNDBLS_XOPERATION_TRANSCONSID	
					"B'0000010000000000'" ++ XOPERATION.TRANSCONSID KEYWORD
1111	(457)	BITSTRING	0	CFCNDBLS_XOPERATION_TRANSROUT	
					"B'0000001000000000'" ++ XOPERATION.TRANSROUT KEYWORD
1111	(457)	BITSTRING	0	CFCNDBLS_XOPERATION_EXTRACTCONSID	
					"B'0000000100000000'" ++ XOPERATION.EXTRACTCONSID KEYWORD
		1...		CFCNDBLS_XOPERATION_EXTRACTCONSNAME	
					"B'0000000010000000'" ++ XOPERATION.EXTRACTCONSNAME KEYWOR
		.1..		CFCNDBLS_XOPERATION_EXTRACTCONSTYPE	
					"B'0000000001000000'" ++ XOPERATION.EXTRACTCONSTYPE KEYWOR
		..1.		CFCNDBLS_XOPERATION_EXTRACTROUT	
					"B'0000000000100000'" ++ XOPERATION.EXTRACTROUT KEYWORD
		...1		CFCNDBLS_XOPERATION_EXTRACTCART	
					"B'0000000000010000'" ++ XOPERATION.EXTRACTCART KEYWORD
1113	(459)	BITSTRING	1	CFCNDBLS_XABEND	++ INPUT

Table 37. Structure IATMOCW (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		CFCNDBLS_XABEND_YES	"B'10000000'" ++ XABEND.YES KEYWORD
		.1..		CFCNDBLS_XABEND_NO	"B'01000000'" ++ XABEND.NO KEYWORD
1114	(45A)	BITSTRING	1	CFCNDBLS_XUSERADDR	++ FIELD_LABEL
1115	(45B)	CHARACTER	1	CFCNDBLS_XRSV001	++ RESERVED
1116	(45C)	ADDRESS	4	CFCNDBLS_XCNDB	++
1120	(460)	ADDRESS	4	CFCNDBLS_XOUTCNDB	++
1124	(464)	ADDRESS	4	CFCNDBLS_XINCNDB	++
1128	(468)	ADDRESS	4	CFCNDBLS_XCONSNM	++
1132	(46C)	ADDRESS	4	CFCNDBLS_XCONSID	++
1136	(470)	ADDRESS	4	CFCNDBLS_XOUTCONSID	++
1140	(474)	CHARACTER	2	CFCNDBLS_XRSV002	++ RESERVED
1142	(476)	BITSTRING	1	CFCNDBLS_XFLAG2	++ FIELD_LABEL
		1...		CFCNDBLS_XCMDIND_YES	"B'10000000'" ++ XCMDIND.YES KEYWORD
		.1..		CFCNDBLS_XCMDIND_NO	"B'01000000'" ++ XCMDIND.NO KEYWORD
1143	(477)	BITSTRING	1	CFCNDBLS_XKEYS	++ FIELD_LABEL
		1...		CFCNDBLS_KEYUSED_CMDIND	"B'10000000'" ++ KEYUSED.CMDIND KEYWORD
1144	(478)	ADDRESS	4	CFCNDBLS_XROUT	++
1148	(47C)	ADDRESS	4	CFCNDBLS_XCART	++
1152	(480)	ADDRESS	4	CFCNDBLS_XOUTCONSNAME	++
1156	(484)	ADDRESS	4	CFCNDBLS_XOUTCONSTYPE	++
1160	(488)	ADDRESS	4	CFCNDBLS_XOUTROUT	++
1164	(48C)	ADDRESS	4	CFCNDBLS_XOUTCART	++
1164	(48C)	X'40'	0	CFCNDBLSL	"*-CFCNDBLS" ++ LENGTH OF PLIST

```
                                        IATXCNDB-3
        IATXCPYF parameter list
CFXCPYF IATXCPYF MF=L IATXCPYF macro LIST form
     $TB= SPOOLDEL HJS7790 110526 PD0PK: z 2.1.0
        IATXCPYF MF=L IATXCPYF List Form
```

1168	(490)	SIGNED	4	CFXCPYF(0)	IATXCPYF List Form
1168	(490)	ADDRESS	4		Source (FROM) FDB address
1172	(494)	ADDRESS	4		Target (TO) FDB address
1176	(498)	ADDRESS	4		TAT FDB address
1180	(49C)	SIGNED	2		Key length
1182	(49E)	BITSTRING	8		Key value
1190	(4A6)	ADDRESS	2		Key offset
1192	(4A8)	ADDRESS	4		Record exclusion list address
1196	(4AC)	SIGNED	4		Job number for ATRACK
1200	(4B0)	ADDRESS	4	(2)	Reserved for development

```
        Messages.
        Message IAT3013
```

1208	(4B8)	SIGNED	4	IAT3013(0)	
1208	(4B8)	ADDRESS	2		TEXT LENGTH
1210	(4BA)	BITSTRING	2		MCSFLAGS
1212	(4BC)	CHARACTER	22		
1234	(4D2)	ADDRESS	1		VERSION LEVEL

Table 37. Structure IATMOCW (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1235	(4D3)	BITSTRING	1		MISCELLANEOUS FLAGS
1236	(4D4)	ADDRESS	1		REPLY LENGTH
1237	(4D5)	ADDRESS	1		LENGTH OF WPX
1238	(4D6)	BITSTRING	2		EXTENDED MCS FLAGS
1240	(4D8)	ADDRESS	2		RESERVED
1242	(4DA)	ADDRESS	4		REPLY BUFFER ADDRESS
1246	(4DE)	ADDRESS	4		REPLY ECB ADDRESS
1250	(4E2)	ADDRESS	4		CONNECT ID
1254	(4E6)	BITSTRING	2		DESCRIPTOR CODES
1256	(4E8)	ADDRESS	2		RESERVED
1258	(4EA)	BITSTRING	16		
1274	(4FA)	BITSTRING	2		MESSAGE TYPE
1276	(4FC)	ADDRESS	2		MESSAGE'S PRIORITY
1278	(4FE)	CHARACTER	8		JOB ID
1286	(506)	CHARACTER	8		JOB NAME
1294	(50E)	CHARACTER	8		RETRIEVAL KEY
1302	(516)	ADDRESS	4		TOKEN FOR DOM
1306	(51A)	ADDRESS	4		CONSOLE ID
1310	(51E)	CHARACTER	8		SYSTEM NAME
1318	(526)	CHARACTER	8		CONSOLE NAME
1326	(52E)	ADDRESS	4		REPLY CONSOLE NAME/ID ADDR
1330	(532)	ADDRESS	4		CART ADDRESS
1334	(536)	ADDRESS	4		WSPARM ADDRESS
	Message IAT8053				
1338	(53A)	ADDRESS	1	IAT8053	
1339	(53B)	CHARACTER	24		
1363	(553)	CHARACTER	8	IAT8053K	Invalid keyword
1363	(553)	X'55B'	0	END8053	"*"
	Message IAT8067				
1371	(55B)	ADDRESS	1	IAT8067	
1372	(55C)	CHARACTER	8		
1380	(564)	CHARACTER	8	KEYW8067	Duplicate keyword
1388	(56C)	CHARACTER	23		
1388	(56C)	X'583'	0	END8067	"*"
	Message IAT8069				
1411	(583)	ADDRESS	1	IAT8069	
1412	(584)	CHARACTER	31		
1443	(5A3)	CHARACTER	22		
1443	(5A3)	X'5B9'	0	END8069	"*"
	Message IAT8077				
1465	(5B9)	ADDRESS	1	IAT8077	

Table 37. Structure IATMOCW (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1466	(5BA)	CHARACTER	26		
1492	(5D4)	CHARACTER	8	IAT8077P	Invalid parameter
1492	(5D4)	X'5DC'	0	END8077	"*"
	Message IAT8335				
1500	(5DC)	ADDRESS	1	IAT8335	
1501	(5DD)	CHARACTER	15		Message IAT8335
1516	(5EC)	CHARACTER	8	MEMB8335	Member name
1524	(5F4)	CHARACTER	14		
1538	(602)	CHARACTER	44	DSNN8335	DSNAME
1538	(602)	X'62E'	0	END8335	"*" End of message
	Message IAT8336				
1582	(62E)	ADDRESS	1	IAT8336	Message IAT8336
1583	(62F)	CHARACTER	43		
1626	(65A)	CHARACTER	8	MEMB8336	Member name
1626	(65A)	X'662'	0	END8336	"*" End of message
	Message IAT8337 (without LOG option).				
1634	(662)	ADDRESS	2	IAT8337N	
1636	(664)	CHARACTER	36		
1672	(688)	CHARACTER	23		
1672	(688)	X'69F'	0	END8337N	"*" End of message
	Message IAT8337 (with LOG option).				
1696	(6A0)	ADDRESS	2	IAT8337L	
1698	(6A2)	CHARACTER	36		
1734	(6C6)	CHARACTER	29		
1734	(6C6)	X'6E3'	0	END8337L	"*" End of message
	Message IAT8338				
1763	(6E3)	ADDRESS	1	IAT8338	
1764	(6E4)	CHARACTER	41		
1805	(70D)	CHARACTER	8	DDNM8338	JES3IN DDNAME
1813	(715)	CHARACTER	9		
1822	(71E)	CHARACTER	44	DSNM8338	JES3IN dataset name
1822	(71E)	X'74A'	0	END8338	"*"
	Message IAT8339				
1866	(74A)	ADDRESS	1	IAT8339	Message IAT8339
1867	(74B)	CHARACTER	43		
1910	(776)	CHARACTER	1	DDNM8339	JES3IN DDNAME
1910	(776)	X'77E'	0	END8339	"*" End of message
	Message IAT8340				

Table 37. Structure IATMOCW (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1918	(77E)	BITSTRING	1	IAT8340(0)	Message IAT8340
1918	(77E)	ADDRESS	1	LBYT8340	Length of message text
1919	(77F)	CHARACTER	12		
1931	(78B)	CHARACTER	4	R158340	Register 15
1935	(78F)	CHARACTER	8		
1943	(797)	CHARACTER	4	ERRR8340	Error code from request block
1947	(79B)	CHARACTER	7		
1954	(7A2)	CHARACTER	4	INFO8340	INFO code from request block
1954	(7A2)	X'7A6'	0	END8340	"*" End of message
	Message IAT8341				
1958	(7A6)	ADDRESS	1	IAT8341	Message IAT8341
1959	(7A7)	CHARACTER	38		
1997	(7CD)	CHARACTER	8		
2005	(7D5)	CHARACTER	8	DDNM8341	JES3IN DDNAME
2013	(7DD)	CHARACTER	6		
2019	(7E3)	CHARACTER	4	RCOD8341	Return code
2019	(7E3)	X'7E7'	0	END8341	"*" End of message
	Message IAT8342				
2023	(7E7)	ADDRESS	1	IAT8342	Message IAT8342
2024	(7E8)	CHARACTER	43		
2024	(7E8)	X'813'	0	END8342	"*" End of message
	Message IAT8343				
2067	(813)	ADDRESS	1	IAT8343	Message IAT8343
2068	(814)	CHARACTER	31		
2068	(814)	X'833'	0	END8343	"*" End of message
	Message IAT8344				
2100	(834)	ADDRESS	2	IAT8344(2)	
2108	(83C)	CHARACTER	45		
2153	(869)	CHARACTER	21		
2153	(869)	X'87E'	0	END8344	"*"
	Message IAT8345				
2174	(87E)	ADDRESS	1	IAT8345	
2175	(87F)	CHARACTER	33		
2208	(8A0)	CHARACTER	8	PARM8345	Missing parameter
2208	(8A0)	X'8A8'	0	END8345	"*"
	Message IAT8346				
2216	(8A8)	ADDRESS	2	IAT8346(2)	
2224	(8B0)	CHARACTER	19		
2243	(8C3)	CHARACTER	16	STMT8346	

Table 37. Structure IATMOCW (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2259	(8D3)	CHARACTER	23		
2259	(8D3)	X'8EA'	0	END8346	"*"
Message IAT8348					
2282	(8EA)	ADDRESS	2	IAT8348(2)	
2290	(8F2)	CHARACTER	9		
2299	(8FB)	CHARACTER	8	ERR8348	
2307	(903)	CHARACTER	25		
2332	(91C)	CHARACTER	42		
2332	(91C)	X'946'	0	END8348	"*"
2374	(946)	CHARACTER	8	ERRFAIL	
2382	(94E)	CHARACTER	8	ERRWARN	
Message IAT8349					
2390	(956)	ADDRESS	1	IAT8349	
2391	(957)	CHARACTER	14		
2405	(965)	CHARACTER	4	RWTX8349	"READ" or "WRIT"
2409	(969)	CHARACTER	46		
2455	(997)	CHARACTER	3		
2458	(99A)	CHARACTER	2	RC8349	
2458	(99A)	X'99C'	0	END8349	"*"
Message IAT8350					
2460	(99C)	ADDRESS	1	IAT8350	
2461	(99D)	CHARACTER	38		
2499	(9C3)	CHARACTER	11		
2510	(9CE)	CHARACTER	16	RESL8350	Final results
2510	(9CE)	X'9DE'	0	END8350	"*"
2526	(9DE)	CHARACTER	16	NOER8350	
2542	(9EE)	CHARACTER	16	WARN8350	
2558	(9FE)	CHARACTER	1	ERR8350	
Message IAT8351 - Date and Time					
2574	(A0E)	ADDRESS	2	IAT8351A(2)	
2582	(A16)	CHARACTER	1		
2583	(A17)	CHARACTER	23		
2606	(A2E)	CHARACTER	8		
2614	(A36)	BITSTRING	9	DAT8351A	EDIT pattern for date
2623	(A3F)	CHARACTER	8		
2631	(A47)	BITSTRING	9	TIM8351A	EDIT pattern for time
2631	(A47)	X'A50'	0	END8351A	"*"
Message IAT8351 - Data Set, Member, and Parm String.					
2640	(A50)	ADDRESS	2	IAT8351B(2)	
2648	(A58)	CHARACTER	1		

Table 37. Structure IATMOCW (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2649	(A59)	CHARACTER	14		
2663	(A67)	CHARACTER	44	DSN8351B	Data set name
2707	(A93)	CHARACTER	11		
2718	(A9E)	CHARACTER	8	MEM8351B	Member name
2726	(AA6)	CHARACTER	10		
2736	(AB0)	CHARACTER	8	PRM8351B	Parm string
2736	(AB0)	X'AB8'	0	END8351B	"*"
End of IATYCFW.					
2744	(AB8)	SIGNED	4	CFWKEND(0)	End of work area
2744	(AB8)	X'AB8'	0	CFWKLEN	"CFWKEND-IATMOCW" Length of work area

Table 38. Cross Reference for IATYCFW

Name	Offset	Hex Tag
CFADDEQ	295	10
CFALOCE	294	80
CFAP14SV	37C	0
CFAP15EM	380	382
CFAP15SV	380	0
CFBLKSE	294	20
CFBYTECT	31C	0
CFCFGEP	B8	
CFCFGTKN	B4	0
CFCKPTRD	294	1
CFCMDATE	AC	0
CFCMTCOM	296	2
CFCMTERR	296	4
CFCMTIME	B0	0
CFCMTWAC	296	8
CFCNDB	68	
CFCNDBLS	450	
CFCNDBLS_KEYUSED_CMDIND	477	80
CFCNDBLS_XABEND	459	
CFCNDBLS_XABEND_NO	459	40
CFCNDBLS_XABEND_YES	459	80
CFCNDBLS_XCART	47C	
CFCNDBLS_XCMDIND_NO	476	40
CFCNDBLS_XCMDIND_YES	476	80
CFCNDBLS_XCNDB	45C	
CFCNDBLS_XCONSID	46C	
CFCNDBLS_XCONSNM	468	
CFCNDBLS_XEYECATCH	451	
CFCNDBLS_XFLAG1	457	
CFCNDBLS_XFLAG2	476	
CFCNDBLS_XINCNDB	464	

Table 38. Cross Reference for IATYCFW (continued)

Name	Offset	Hex Tag
CFCNDBLS_XKEYS	477	
CFCNDBLS_XOPERATION_EXTRACTCART	0	10
CFCNDBLS_XOPERATION_EXTRACTCONSID	457	100
CFCNDBLS_XOPERATION_EXTRACTCONSNAME	457	80
CFCNDBLS_XOPERATION_EXTRACTCONSTYPE	0	40
CFCNDBLS_XOPERATION_EXTRACTROUT	0	20
CFCNDBLS_XOPERATION_INITIALIZE	457	8000
CFCNDBLS_XOPERATION_RESET	457	1000
CFCNDBLS_XOPERATION_TRANSCONSID	457	400
CFCNDBLS_XOPERATION_TRANSFER	457	4000
CFCNDBLS_XOPERATION_TRANSROUT	457	200
CFCNDBLS_XOPERATION_UPDATE	457	2000
CFCNDBLS_XOPERATION_VERIFY	457	800
CFCNDBLS_XOUTCART	48C	
CFCNDBLS_XOUTCNDB	460	
CFCNDBLS_XOUTCONSID	470	
CFCNDBLS_XOUTCONSNAME	480	
CFCNDBLS_XOUTCONSTYPE	484	
CFCNDBLS_XOUTROUT	488	
CFCNDBLS_XROUT	478	
CFCNDBLS_XRSV001	45B	
CFCNDBLS_XRSV002	474	
CFCNDBLS_XUSERADDR	45A	
CFCNDBLS_XVERSION	450	
CFCNDBLSL	48C	40
CFDCB	150	
CFDCBE	1A8	C4C3C2C5
CFDCBEXL	1E0	870001E4
CFDDNAME	24	D1C5E2F3
CFDSNAME	38	40404040
CFDYNLRB	DC	0
CFDYRBPT	D8	
CFERRFLG	294	0
CFERROR	294	FF
CFFLAG1	295	0
CFFLAG2	296	0
CFFLAG3	297	0
CFFLAG4	298	0
CFICPAD	BC	
CFIDVSJD	98	
CFIDVSLD	297	20
CFINDDAL	295	1
CFINDTAD	9C	
CFINDTJD	8C	
CFINDTLD	296	40
CFINITAB	338	

Table 38. Cross Reference for IATYCFW (continued)

Name	Offset	Hex Tag
CFINPINT	297	80
CFINRNJD	90	
CFINRNLD	296	20
CFINVLID	64	0
CFITXCLN	296	1
CFJESENT	29A	80
CFJESTFL	29A	0
CFJFCBLS	448	
CFJFCBWK	1E4	0
CFLGSPUN	297	40
CFLINECT	314	0
CFLOGDD	320	D4D6C4C9
CFLOGEQ	295	8
CFLOGERR	295	40
CFLOGFDB	29C	0
CFLOGOPN	295	2
CFLOGSPN	2BC	0
CFLOGYES	295	80
CFLSFSPN	330	8
CFLSISPN	330	4
CFLSOPEN	330	0
CFLSPURG	330	C
CFMCMPL	C0	0
CFMEMBER	30	40404040
CFMNTFER	294	8
CFMOCWJD	88	
CFMSGCHE	84	
CFMSGCHN	80	
CFMSGPRM	384	
CFOPCLLS	444	
CFOPENE	294	40
CFOPENJ	295	20
CFOREPLY	74	40404040
CFPARMEQ	296	80
CFPMFNER	294	4
CFRDJFER	294	2
CFREGS	33C	0
CFSEVFLG	299	0
CFSPLNCT	318	0
CFSYNERR	295	4
CFTATFDB	2DC	0
CFTATSPN	2F8	0
CFTUDDNM	100	
CFTUDSNM	10E	
CFTUDSST	140	
CFTUNDSP	147	

Table 38. Cross Reference for IATYCFW (continued)

Name	Offset	Hex Tag
CFTUPTR1	F0	0
CFTUPTR2	F4	0
CFTUPTR3	F8	0
CFTUPTR4	FC	0
CFUNALE	294	10
CFUXPARM	A2	40404040
CFUXPLEN	A0	0
CFUX15JD	94	
CFUX15LD	296	10
CFWKEND	AB8	
CFWKID	0	C9C1E3D4
CFWKLEN	AB8	AB8
CFWTOCON	6C	
CFWTOECB	70	
CFWWTOR	3D4	
CFXCPYF	490	
DAT8351A	A36	40212020
DDNM8338	70D	40404040
DDNM8339	776	40404040
DDNM8341	7D5	40404040
DSNM8338	71E	40404040
DSNN8335	602	40404040
DSN8351B	A67	40404040
END8053	553	55B
END8067	56C	583
END8069	5A3	5B9
END8077	5D4	5DC
END8335	602	62E
END8336	65A	662
END8337L	6C6	6E3
END8337N	688	69F
END8338	71E	74A
END8339	776	77E
END8340	7A2	7A6
END8341	7E3	7E7
END8342	7E8	813
END8343	814	833
END8344	869	87E
END8345	8A0	8A8
END8346	8D3	8EA
END8348	91C	946
END8349	99A	99C
END8350	9CE	9DE
END8351A	A47	A50
END8351B	AB0	AB8
ERRFAIL	946	C5D9D9D6

Table 38. Cross Reference for IATYCFW (continued)

Name	Offset	Hex Tag
ERRR8340	797	40404040
ERRWARN	94E	E6C1D9D5
ERR8348	8FB	40404040
ERR8350	9FE	C5D9D9D6
IATMOCW	0	
IAT3013	4B8	
IAT8053	53A	
IAT8053K	553	40404040
IAT8067	55B	
IAT8069	583	
IAT8077	5B9	
IAT8077P	5D4	40404040
IAT8335	5DC	
IAT8336	62E	
IAT8337L	6A0	41
IAT8337N	662	3B
IAT8338	6E3	
IAT8339	74A	
IAT8340	77E	
IAT8341	7A6	
IAT8342	7E7	
IAT8343	813	
IAT8344	834	4A0000
IAT8345	87E	
IAT8346	8A8	420000
IAT8348	8EA	5C0000
IAT8349	956	
IAT8350	99C	
IAT8351A	A0E	420000
IAT8351B	A50	680000
INFO8340	7A2	40404040
KEYW8067	564	40404040
LBYT8340	77E	
MEMB8335	5EC	40404040
MEMB8336	65A	40404040
MEM8351B	A9E	40404040
M00M0018	0	450
NOER8350	9DE	D5D640C5
PARM8345	8A0	40404040
PRM8351B	AB0	40404040
RCOD8341	7E3	40404040
RC8349	99A	4040
RESL8350	9CE	40404040
RWTX8349	965	E7E7E7E7
R158340	78B	40404040
STMT8346	8C3	40404040

Table 38. Cross Reference for IATYCFW (continued)

Name	Offset	Hex Tag
TIM8351A	A47	4021204B
WARN8350	9EE	E6C1D9D5

IATYCLST information

IATYCLST heading information

Common name: Data Set Concatenation List

Macro ID: IATYCLST

DSECT name: CLSTTART (header) CLSTNTRY (entry)

Owning component: JES3 (SC1BA)

Eye-catcher ID: IATYCLST
Offset: CLSTEYE - CLSTSTRT
Length: L'CLSTEYE

Storage attributes: Subpool: 230
Key: User key
Residency: 31

Size: CLSTHSIZ (header)
CLSTESIZ (entry)

Created by: IATDMJA
IATSIAD

Pointed to by: DSBCLST

Serialization: None

Function: This macro maps the list of data sets in the data set concatenation for spool browse of a data set concatenation.
This list is transported in staging areas between IATDMJA on the global and IATSIAD on the local, so compatibility between releases must be maintained.

IATYCLST mapping

Table 39. Structure CLSTSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	CLSTSTRT	, CLST header
0	(0)	CHARACTER	8	CLSTEYE	Eyecatcher "IATYCLST"
8	(8)	SIGNED	2	CLSTHLEN	Header length
10	(A)	BITSTRING	1	CLSTVER	Version number
10	(A)	X'1'	0	CLSTVER1	"1" Initial version HJS7760
10	(A)	X'1'	0	CLSTCVER	"CLSTVER1" Current version
11	(B)	BITSTRING	1	CLSTRSV1	Reserved for IBM
12	(C)	SIGNED	2	CLSTELEN	Entry length
14	(E)	BITSTRING	1	CLSTHFL1	Flag byte
		Definition of CLSTHFL1			
		1...		CLSHF180	"X'80'" Reserved bit for IBM 11699S5A
		.1..		CLSHF140	"X'40'" Reserved bit for IBM 11699S5A
		..1.		CLSHF120	"X'20'" Reserved bit for IBM 11699S5A
		...1		CLSHF110	"X'10'" Reserved bit for IBM 11699S5A
		.... 1...		CLSHF108	"X'08'" Reserved bit for IBM 11699S5A

Table 39. Structure CLSTSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... .1..		CLSHF104	"X'04'" Reserved bit for IBM 11699S5A
		.... ..1.		CLSHF102	"X'02'" Reserved bit for IBM 11699S5A
		1		CLSHF101	"X'01'" Reserved bit for IBM 11699S5A
15	(F)	BITSTRING	1	CLSTRSV2	Reserved for IBM
16	(10)	SIGNED	4	CLSTLENG	Length of header + entries
20	(14)	SIGNED	4	CLSTOTRM	Offset to terminator
24	(18)	SIGNED	4	CLSTOCUR	Offset to current
28	(1C)	SIGNED	4	CLSTRSV3	Reserved for IBM
32	(20)	DBL WORD	8	CLSTHEND(0)	End of header
32	(20)	X'20'	0	CLSTHSIZ	"CLSTHEND-CLSTSTRT" Size of header

Table 40. Structure CLSTNTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	CLSTNTRY	, CLST data set entry
		A word containing x'FFFFFFFF' indicates the end of the entries. A value of x'FEEEEEEE' indicates that this is a summary entry that represents multiple data sets. A summary entry is passed back from the global to the local when one staging area will not hold all of the data set information. A summary entry may also exist on the local structure pointed to by the DSB when it is not possible to determine whether the summary entry created by the global includes any data sets that are not yet known on the local.			
0	(0)	SIGNED	4	CLSTTERM(0)	Terminator
0	(0)	SIGNED	4	CLSTJNUM	Job number
		Note that the Input Service end time stamp and the data set number can be used as a sort key. For a SYSLOG concatenation, which can span multiple jobs, this assumes that two jobs on the same main cannot be created within about one second of each other.			
4	(4)	BITSTRING	8	CLSTSORT(0)	Sort key
4	(4)	SIGNED	4	CLSTTIME	Input service end time stamp for the job
8	(8)	SIGNED	4	CLSTDSNO	Data set number
12	(C)	SIGNED	4	CLSTRECS	Data set record count
16	(10)	SIGNED	4	CLSTVLID	VALID value
20	(14)	BITSTRING	6	CLSTSPAD	M.R of spool data set 12190S5A
26	(1A)	BITSTRING	2	CLSTRSV4	Reserved for IBM
28	(1C)	BITSTRING	1	CLSTFLG1	Flag byte
		Definition of CLSTFLG1			
		1...		CLSTCLOS	"X'80'" This data set is closed
		.1..		CLSTNOTD	"X'40'" No timestamp data for this data set
		..1.		CLSTUNKN	"X'20'" This data set was not explicitly returned by the global on the last call. It may have been included in the summary entry.

Table 40. Structure CLSTNTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		...1		CLSTSUMM	"X'10'" This is a summary entry created on the global
		.... 1...		CLSTLAST	"X'08'" This is the last SYSLOG 12341S5A data set 12341S5A
		.... .1..		CLSTJCMP	"X'04'" This job is complete 11334S5A
		.... ..1.		CLSTF102	"X'02'" Reserved bit for IBM
		1		CLSTF101	"X'01'" Reserved bit for IBM
29	(1D)	BITSTRING	1	CLSTFLG2	Flag byte 2 11699S5A

```
------------------------------------------------------------ 11699S5A
        Definition of CLSTFLG2 11699S5A
                                                              11699S5A
        The bits in CLSTFLG2 are preserved when a new CLST 11699S5A
        table is built after a data set in the concatena- 11699S5A
        tion is closed and a different data set opened. 11699S5A
------------------------------------------------------------ 11699S5A
```

		1...		CLSTTSCM	"X'80'" Time stamp data for this 11699S5A data set is complete 11699S5A
		.1..		CLSTOPND	"X'40'" This data set has been 11699S5A opened 11699S5A
		..1.		CLSTDDEL	"X'20'" This data set has been deleted
		...1		CLSTF210	"X'10'" Reserved bit for IBM 11699S5A
		.... 1...		CLSTF208	"X'08'" Reserved bit for IBM 11699S5A
		.... .1..		CLSTF204	"X'04'" Reserved bit for IBM 11699S5A
		.... ..1.		CLSTF202	"X'02'" Reserved bit for IBM 11699S5A
		1		CLSTF201	"X'01'" Reserved bit for IBM 11699S5A
30	(1E)	BITSTRING	2	CLSTRSV5	Reserved for IBM 11699S5A
32	(20)	DBL WORD	8	CLSTPRCS	Number of records in the concatenation preceding this data set
40	(28)	ADDRESS	4	CLSTSYSD	Pointer to time stamp data 12100S5A
44	(2C)	BITSTRING	8	CLSTTSLO	Low time stamp 12190S5A
52	(34)	BITSTRING	8	CLSTTSHI	High time stamp 12190S5A
60	(3C)	SIGNED	4	CLSTHIRC	Highest record number seen 12666T1C (used only for open data 12666T1A sets) 12666T1A
64	(40)	SIGNED	4	CLSTRSV6(4)	Reserved for IBM 12666T1A
64	(40)	X'50'	0	CLSTEEND	"*" End of CLST entry
64	(40)	X'50'	0	CLSTESIZ	"CLSTEEND-CLSTNTRY" Size of CLST entry

Table 41. Cross Reference for IATYCLST

Name	Offset	Hex Tag
CLSHF101	E	1
CLSHF102	E	2
CLSHF104	E	4
CLSHF108	E	8
CLSHF110	E	10
CLSHF120	E	20
CLSHF140	E	40
CLSHF180	E	80

Table 41. Cross Reference for IATYCLST (continued)

Name	Offset	Hex Tag
CLSTCLOS	1C	80
CLSTCVER	A	1
CLSTDDEL	1D	20
CLSTDSNO	8	
CLSTEEND	40	50
CLSTELEN	C	
CLSTESIZ	40	50
CLSTEYE	0	
CLSTFLG1	1C	
CLSTFLG2	1D	
CLSTF101	1C	1
CLSTF102	1C	2
CLSTF201	1D	1
CLSTF202	1D	2
CLSTF204	1D	4
CLSTF208	1D	8
CLSTF210	1D	10
CLSTHEND	20	
CLSTHFL1	E	
CLSTHIRC	3C	
CLSTHLEN	8	
CLSTHSIZ	20	20
CLSTJCMP	1C	4
CLSTJNUM	0	
CLSTLAST	1C	8
CLSTLENG	10	
CLSTNOTD	1C	40
CLSTNTRY	0	
CLSTOCUR	18	
CLSTOPND	1D	40
CLSTOTRM	14	
CLSTPRCS	20	
CLSTRECS	C	
CLSTRSV1	B	
CLSTRSV2	F	
CLSTRSV3	1C	
CLSTRSV4	1A	
CLSTRSV5	1E	
CLSTRSV6	40	
CLSTSORT	4	
CLSTSPAD	14	
CLSTSTRT	0	
CLSTSUMM	1C	10
CLSTSYSD	28	
CLSTTERM	0	
CLSTTIME	4	

Table 41. Cross Reference for IATYCLST (continued)

Name	Offset	Hex Tag
CLSTTSCM	1D	80
CLSTTSHI	34	
CLSTTSLO	2C	
CLSTUNKN	1C	20
CLSTVER	A	
CLSTVER1	A	1
CLSTVLID	10	

IATYCNB information

IATYCNB heading information

Common name: DUMMY CONTROL SECTION FOR CONSOLE BUFFER CONTROL BLOCK

Macro ID: IATYCNB

DSECT name: CONBUFCB, CONBVTAB

Owning component: JES3 (SC1BA)

Eye-catcher ID: NONE

Storage attributes: Main Storage: SUBPOOL 0
Auxiliary Storage: N/A

Size: 111 Bytes

Created by: IATINC2

Pointed to by: ACONSBCB IN IATYTVT

Serialization: NONE

Function: Contains pointers and statistical information for console buffers.

IATYCNB mapping

Table 42. Structure CONBUFCB

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	CONBUFCB	
0	(0)	SIGNED	4	CONBACTQ	- POINTER TO ACTIVE ACTION QUEUE
4	(4)	SIGNED	4	CONBPRI	- NUM. BUFFERS-CBCP PRIMARY EXTENT
8	(8)	SIGNED	4	CONBSEC	- NUM. BUFFERS-CBCP SECONDARY EXTENT
12	(C)	SIGNED	4	GRQCR15	- IF DM135 HAS OCCURRED, CONTENT IS THE RETURN CODE FROM IATGRQC. OTHERWISE, THE CONTENT IS NOT PREDICTABLE.
16	(10)	SIGNED	2	CONBCSIZ	- CELL SIZE-CBCP
18	(12)	SIGNED	2	CONBEXM	- MAX SECONDARY EXTENTS DEFINED-CBCP
20	(14)	BITSTRING	1	CONBFLG1	- BUFFER PROCESSING STATUS FLAGS
		EQU X'80' - Reserved for development			
		.1..		CONBDDOM	"X'40'" - IATCNJS JESTAE ROUTINE FOUND BAD DOM #064
		..1.		CONBF1C	"X'20'" - RESERVED
		...1		CONBF1D	"X'10'" - RESERVED
		.... 1...		CONBF1E	"X'08'" - RESERVED
		.... .1..		CONBF1F	"X'04'" - RESERVED

Table 42. Structure CONBUFCB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... ..1.		CONBF1G	"X'02'" - RESERVED
		1		CONBF1H	"X'01'" - RESERVED
21	(15)	BITSTRING	1	CONBFLG2	- CELL/STORAGE SHORTAGE INDICATOR
		1...		CONBF2A	"X'80'" - SHORTAGE IN CONSOLE BUFFER CELL POOL
		.1..		CONBF2B	"X'40'" - SHORTAGE IN CNWO WORK AREA CELL POOL
		..1.		CONBR220	"X'20'" - RESERVED
		...1		CONBR210	"X'10'" - RESERVED
		.... 1...		CONBR208	"X'08'" - RESERVED
		.... .1..		CONBR204	"X'04'" - RESERVED
		.... ..1.		CONBR202	"X'02'" - RESERVED
		1		CONBR201	"X'01'" - RESERVED
21	(15)	X'C0'	0	CNBSHORT	"CONBF2A+CONBF2B" CELL POOL SHORTAGE FLAGS
		CELL POOL VECTOR TABLE FOR CONSOLE BUFFER CELL POOLS EACH ENTRY CONTAINS 5 FIELDS 1. ADDRESS OF CELLPOOL CONTROL BLOCK (CPB) 2. COUNT OF MAXIMUM CELL USAGE 3. COUNT OF MAXIMUM RESERVED CELL USAGE 4. COUNT OF MAXIMUM EXTENT USAGE 5. ECF USED TO AWAIT WHEN OUT OF CELLS ENTRY FOR MESSAGE BUFFER POOL			
24	(18)	SIGNED	4	CONBCPA	- VECTOR-CONSOLE BUFFER CELL POOL
28	(1C)	SIGNED	4	CONBMAX	- MAX CONSOLE BUFFERS IN USE-CBCP
32	(20)	SIGNED	4	CONBMXR	- MAX RESERVED CONSOLE BUFFERS IN USE-CBCP
36	(24)	SIGNED	2	CONBTOTL	- MAX SECONDARY EXTENTS IN USE-CBCP
38	(26)	BITSTRING	1	CONBECF	- AWAIT ECF FOR TEXT BUFFER CELLS
39	(27)	BITSTRING	1	CONBRSV1	- PAD TO FULLWORD BOUNDARY 14
		ENTRY FOR IATCNWO WORK AREA			
40	(28)	SIGNED	4	CONWOWK	- CELL POOL FOR IATCNWO WORK AREA
44	(2C)	SIGNED	4	CONWOMAX	- MAX NUMBER OF CELLS IN USE
48	(30)	SIGNED	4	CONWOMXR	- MAX RESERVED CELLS IN USE
52	(34)	SIGNED	2	CONWOTOT	- MAXIMUM EXTENTS IN USE
54	(36)	BITSTRING	1	CONWOECF	- ECF FOR AWAIT
55	(37)	BITSTRING	1	CONWRSV2	- PAD TO FULLWORD BOUNDARY 16
56	(38)	BITSTRING	1	CBCBEND(0)	- END OF CONSOLE BUFFER CONTROL BLOCK
56	(38)	X'38'	0	CBCBSIZE	"CBCBEND-CONBUFCB" - SIZE OF BUFFER CONTROL BLOCK

Table 43. Structure CONBVTAB

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	CONBVTAB	
0	(0)	ADDRESS	4	CONBVAD	- ADDRESS IF CELL POOL CONTROL BLOCK
4	(4)	SIGNED	4	CONBVMC	- MAXIMUM CELLS IN USE FOR THIS POOL
8	(8)	SIGNED	4	CONBVMR	- MAX RESERVED CELLS IN USE FOR THIS POOL

Table 43. Structure CONBVTAB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
12	(C)	SIGNED	2	CONBVME	- MAXIMUM EXTENTS IN USE FOR THIS POOL
14	(E)	BITSTRING	1	CONBVECF	- ECF TO AWAIT FOR CELLS FOR THIS POOL
		BIT DEFINITIONS FOR THE CELL WAIT ECF			
		.1..		CELLAV	"X'40'" CELLS AVAIL EXEMPT FCT
		..1.		CELLAVNX	"X'20'" CELLS AVAIL NON-EXEMPT FCT
15	(F)	BITSTRING	1	CONBVPAD	Pad to a fullword boundary
16	(10)	SIGNED	4	CONBVEND(0)	End of cell pool vector
16	(10)	X'10'	0	CONBVSIZ	"CONBVEND-CONBVTAB" Size of cell pool vector

Table 44. Cross Reference for IATYCNB

Name	Offset	Hex Tag
CBCBEND	38	
CBCBSIZE	38	38
CELLAV	E	40
CELLAVNX	E	20
CNBSHORT	15	C0
CONBACTQ	0	
CONBCPA	18	
CONBCSIZ	10	
CONBDDOM	14	40
CONBECF	26	
CONBEXM	12	
CONBFLG1	14	
CONBFLG2	15	
CONBF1C	14	20
CONBF1D	14	10
CONBF1E	14	8
CONBF1F	14	4
CONBF1G	14	2
CONBF1H	14	1
CONBF2A	15	80
CONBF2B	15	40
CONBMAX	1C	
CONBMXR	20	
CONBPRI	4	
CONBRSV1	27	
CONBR201	15	1
CONBR202	15	2
CONBR204	15	4
CONBR208	15	8
CONBR210	15	10
CONBR220	15	20
CONBSEC	8	

Table 44. Cross Reference for IATYCNB (continued)

Name	Offset	Hex Tag
CONBTOTL	24	
CONBUFCB	0	
CONBVAD	0	
CONBVECF	E	
CONBVEND	10	
CONBVMC	4	
CONBVME	C	
CONBVMR	8	
CONBVPAD	F	
CONBVSIZ	10	10
CONBVTAB	0	
CONWOECF	36	
CONWOMAX	2C	
CONWOMXR	30	
CONWOTOT	34	
CONWOWK	28	
CONWRSV2	37	
GRQCR15	C	

IATYCNC information

IATYCNC programming interface information

The following fields are **NOT** programming interface information:

- *
- *
- *
- CNCCNCV
- CNCMSAPR
- CNCMSTAR
- CNINADDR
- CNSVRQ
- CNSVSAPR
- CNSVSTAR
- CONHEX
- LCLCALL
- MRCELLGT
- MRCELLPT
- 2
- 4
- 9

IATYCNC heading information

Common name: Console Service Constants

Macro ID:	IATYCNC
DSECT name:	IATCNCN * 3
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	IATCNCN (IATCNCN) Offset: MODNAME Length: L'MODNAME
Storage attributes:	Auxiliary Storage: N/A Subpool: 0 (JES3 Nucleus) Key: 1 (JESKEY)
Size:	PTFNUM-IATCNCN+L'PTFNUM (for IATCNCN) * 4
Created by:	IATCNCN
Pointed to by:	ACONCONS in IATYTVT
Serialization:	NONE
Function:	This control block contains various constants, flags, addresses and messages that are used by the console service routines.

IATYCNC mapping

Table 45. Structure IATCNCN

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATCNCN	
		IATYMOD BR=NO MODULE IDENTIFICATION JES3 MODULE ENTRY POINT IDENTIFIER 01 Change Activity: $SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0			
0	(0)	CHARACTER	8		MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM 13
36	(24)	BITSTRING	1	CMF	- CONSOLE MASTER FLAG
		.... 1...		CONAFAIL	"X'08'" - Indicates DSP message appendage abended
		FLAG USED BY IATCNIN FOR MESSAGE (Z) PROCESSING			
37	(25)	BITSTRING	1	YCNCDFLG	FLAG FOR DESTINATION INFO ON THE *MESSAGE (*Z) COMMAND
		1...		YCNCDSTL	"X'80'" A LEFT PAREN HAS BEEN FOUND
		.1..		YCNCDSTR	"X'40'" A RIGHT PAREN HAS BEEN FOUND
		..1.		YCNCDSRT	"X'20'" EITHER A DEST CLASS OR A ROUTE CODE HAS BEEN FOUND
		...1		YCNCDD	"X'10'" A DASH WAS FOUND (RANGE OF ROUTE CODES).
		.... 1...		YCNCER	"X'08'" ERROR CONVERTING ROUTE CODE TO BINARY
		.... .1..		YCNCRSV3	"X'04'" RESERVED
		.... ..1.		YCNCRSV2	"X'02'" RESERVED
		1		YCNCRSV1	"X'01'" RESERVED
38	(26)	BITSTRING	2	CNCRSVD8	Reserved for development
40	(28)	ADDRESS	4	CNINADDR	"V(IATCNINX)" ADDRESS OF INPUT MODULE

Table 45. Structure IATCNCN (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
44	(2C)	ADDRESS	4	CNCRSV10	RESERVED FOR SERVICE
48	(30)	ADDRESS	4	CNCSVWRK	ADDRESS OF CNSV WORK AREA
52	(34)	ADDRESS	4	CBCPADDR	Address of CPB for console buffer cell pool
56	(38)	ADDRESS	4	CNCJMECF	Address of JESMSG POST ECF
60	(3C)	BITSTRING	3	CNCJMRSV	Constant zero - must be zero
63	(3F)	BITSTRING	1	CNCDLFLG	ECF mask byte
64	(40)	SIGNED	4	CNCRSVD1(3)	RESERVED FOR DEVELOPMENT
76	(4C)	SIGNED	4	CNCRSVD7	RESERVED FOR DEVELOPMENT
80	(50)	SIGNED	4	CNCWTOTK	FCT WTO TOKEN COUNTER - INCREMENTED BY IATCNWO EACH TIME A NEW FCT WTO TOKEN IS REQUIRED
84	(54)	SIGNED	4	CBCPMAX	MAX. NUMBER OF CBCP BUFFERS
88	(58)	SIGNED	4	CNCMSFCT	FCT ADDRESS LAST MSG ISSUER#389
92	(5C)	BITSTRING	8	CNCEXTOK	User exit 70 next token
100	(64)	SIGNED	4	CNCDOMID	DOM ID FOR MESSAGE IAT7134
The following 3 fields (CNCFRWRK, CNCCNTRL, CNCFREEW) must be contiguous since CDS logic is used to serialize access to the queue of IATCNIC work areas.					
104	(68)	DBL WORD	8	CNCFRWRK(0)	Queue of available work areas for IATCNIC.
104	(68)	SIGNED	4	CNCCNTRL	Queue control word
108	(6C)	ADDRESS	4	CNCFREEW	Address of 1st free element
112	(70)	SIGNED	4	CNCRSVS4(3)	Reserved for service
124	(7C)	SIGNED	4	CNDMJBNO	IATCNDM JESMSG job number
128	(80)	SIGNED	4	CNCFLWEC	ECB corresponding to WTOR 0035 for *FAIL FCT selection 0035
132	(84)	SIGNED	4	CNCRSVU3(5)	RESERVED FOR USER
152	(98)	BITSTRING	1	CNCRSVD2(4)	RESERVED FOR SERVICE
156	(9C)	SIGNED	4	CNCR2SAV	IATCNIN REG SAVE
160	(A0)	SIGNED	4	CONIDSAV	Console ID save area
164	(A4)	SIGNED	4	SAVE	- SAVE AREA
168	(A8)	SIGNED	4	SAVE2	- SAVE AREA
172	(AC)	ADDRESS	4	SHRTLST	- POINTER TO SHORT COMMAND LIST
176	(B0)	SIGNED	4		- LENGTH TO COMPARE
180	(B4)	SIGNED	4		- NO. OF ENTRIES IN SHORT LIST
184	(B8)	ADDRESS	4	LONGLST	- POINT TO LONG FORM LIST
188	(BC)	SIGNED	4		- LENGTH TO COMPARE 0477
192	(C0)	SIGNED	4		- NO. OF ENTRIES IN LONG LIST
196	(C4)	SIGNED	4	CMPDATA	- INIT NUMBER OF CHAR FOR MOVE
200	(C8)	SIGNED	4		- INCREMENT
204	(CC)	SIGNED	4		- MAX CHAR FOR PARAMETER MOVE 0021
208	(D0)	ADDRESS	4	OBSLVLST	Pointer to obsolete command verb list
212	(D4)	SIGNED	4	EIGHT	- LENGTH OF PREAMBLE
216	(D8)	SIGNED	4	NINE	- LENGTH OF PREAMBLE PLUS ASTERISK
220	(DC)	BITSTRING	4	BLNK	- BLANK CHARACTER
224	(E0)	BITSTRING	4	COMMA	- COMMA - PARAMETER SEPARATOR

Table 45. Structure IATCNCN (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
228	(E4)	BITSTRING	4	PERIOD	- PERIOD
232	(E8)	CHARACTER	8	WTDDRVR	- DSP NAME
240	(F0)	CHARACTER	8	INQDRVR	- INQUIRY DSP NAME
248	(F8)	CHARACTER	8	MODDRVR	- MODIFY DSP NAME
256	(100)	CHARACTER	8	CSETUP	- SETUP DSP NAME
264	(108)	CHARACTER	8	CCONCMD	- CONCMD DSP NAME #172
272	(110)	CHARACTER	8	CCONSERV	- CONSERV DSP NAME #172
280	(118)	CHARACTER	110	CHNSAVE	MESSAGE BUFFER SAVE AREA
390	(186)	CHARACTER	8	WDSAVE	- INPUT PARAMETER/COMMAND AREA
398	(18E)	SIGNED	2	TEN	- CALCULATION CONSTANT
400	(190)	SIGNED	2	CNCRSVS9	RESERVED FOR SERVICE
402	(192)	SIGNED	2	CONVERT	- USED TO CONVERT NUMBER TO ALPHA
404	(194)	SIGNED	2	MAXSWTCH	- MAX LENGTH OF MSG TO BE SWITCHED
406	(196)	SIGNED	2	MAXCMD	- MAX INPUT COUNT
406	(196)	X'7E'	0	MINPUT	"126" MAXIMUM INPUT COUNT
406	(196)	X'50'	0	P521MCMD	"80" Pre-521 Maximum Command Input
		Definition of user data which is passed via TOKEN= keyword in MGCRE macro			
		1...		AUTHCKNO	"X'80'" Bypass command authority check
		.1..		CMDTRANS	"X'40'" Bypass command text translation
408	(198)	SIGNED	2	HUNDRED	- CALCULATION CONSTANT
410	(19A)	SIGNED	2	CNCRSD35	- RESERVED FOR DEVELOPMENT
410	(19A)	X'78'	0	JMMAXTXT	"120" MAX TEXT LENGTH FOR JESMSG
410	(19A)	X'23'	0	MAXSPLIT	"35" DEFAULT SPLIT POINT
412	(19C)	BITSTRING	2	ERRORID	- DISP AND MASK FOR ERROR CLASS
414	(19E)	BITSTRING	2	MLOGID	- MASK FOR MLOG IN MSG PARM LIST
416	(1A0)	CHARACTER	8	INTERNAL	
424	(1A8)	BITSTRING	4	INTERCON	Internal console ID
428	(1AC)	CHARACTER	2	TWENTY	- MAX DELAY INTERVAL
430	(1AE)	SIGNED	2	ONE	- USED IN DELAY CHAR COUNT TEST
432	(1B0)	SIGNED	2	TWO	- USED TO TEST FOR DELAY FRACTION
434	(1B2)	CHARACTER	5	CDUMP	'DUMP' OPERAND ON *FAIL #675
439	(1B7)	CHARACTER	5	CNCFLCSQ	Reply seq. number for *FAIL 0035
444	(1BC)	BITSTRING	1	CNCRSVD4	RESERVED FOR DEVELOPMENT
445	(1BD)	BITSTRING	1	CNCRSVDB	RESERVED FOR DEVELOPMENT
446	(1BE)	BITSTRING	2	CNCRSVDS	RESERVED FOR DEVELOPMENT
448	(1C0)	BITSTRING	1	CNCFLAG3	CONSOLES FLAG3
		DEFINITION OF CNCFLAG3 FLAG BITS			
		1...		CNCELREM	"X'80'" A CELL WAS REMOVED FROM A QUEUE BY IATCNJS
		..1.		CNCMSG70	"X'20'" 70% IN-USE MSG ISSUED
		...1		CNCMSG80	"X'10'" 80% IN-USE MSG ISSUED
		.... 1...		CNCMSG90	"X'08'" 90% IN-USE MSG ISSUED

Table 45. Structure IATCNCN (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
449	(1C1)	BITSTRING	5	CNCRSVS2	RESERVED FOR SERVICE
454	(1C6)	CHARACTER	4	CNCRSVU4	RESERVED FOR USER
JES3 Command Verbs (Long Forms).					
454	(1C6)	X'1CA'	0	LNGLIST	"*"
458	(1CA)	CHARACTER	8		- START CMD AND ITS ACTN CODE 0477
466	(1D2)	BITSTRING	1		
467	(1D3)	CHARACTER	8		- RESTART 0477
475	(1DB)	BITSTRING	1		
476	(1DC)	CHARACTER	8		- CANCEL 0477
484	(1E4)	BITSTRING	1		
485	(1E5)	CHARACTER	8		- SEND 0477
493	(1ED)	BITSTRING	1		
494	(1EE)	CHARACTER	8		- FAIL 0477
502	(1F6)	BITSTRING	1		
503	(1F7)	CHARACTER	8		- FREE 0477
511	(1FF)	BITSTRING	1		
512	(200)	CHARACTER	8		- CALL 0477
520	(208)	BITSTRING	1		
521	(209)	CHARACTER	8		- VARY 0477
529	(211)	BITSTRING	1		
530	(212)	CHARACTER	8		- INQUIRY 0477
538	(21A)	BITSTRING	1		
539	(21B)	CHARACTER	8		- MODIFY 0477
547	(223)	BITSTRING	1		
548	(224)	CHARACTER	8		- MESSAGE 0477
556	(22C)	BITSTRING	1		
557	(22D)	CHARACTER	8		- SWITCH 0477
565	(235)	BITSTRING	1		
566	(236)	CHARACTER	8		- TRACE
574	(23E)	BITSTRING	1		
575	(23F)	CHARACTER	8		- DUMP 0477
583	(247)	BITSTRING	1		
584	(248)	CHARACTER	8		- RETURN 0477
592	(250)	BITSTRING	1		
JES3 Command Verbs (Short Forms).					
592	(250)	X'251'	0	SHTLIST	"*"
593	(251)	CHARACTER	1		- START
594	(252)	BITSTRING	1		
595	(253)	CHARACTER	1		- RESTART
596	(254)	BITSTRING	1		
597	(255)	CHARACTER	1		- CANCEL
598	(256)	BITSTRING	1		
599	(257)	CHARACTER	1		- SEND (TRANSMIT)

Table 45. Structure IATCNCN (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
600	(258)	BITSTRING	1		
601	(259)	CHARACTER	1		- CALL (EXECUTE)
602	(25A)	BITSTRING	1		
603	(25B)	CHARACTER	1		- VARY
604	(25C)	BITSTRING	1		
605	(25D)	CHARACTER	1		- INQUIRY
606	(25E)	BITSTRING	1		
607	(25F)	CHARACTER	1		- MODIFY
608	(260)	BITSTRING	1		
609	(261)	CHARACTER	1		- MESSAGE
610	(262)	BITSTRING	1		
		Obsolete JES3 Command Verbs. Each entry contains the long and short form of the obsolete command verbs.			
611	(263)	BITSTRING	1	OBSVLIST(0)	
611	(263)	CHARACTER	8	OBSVLONG	Long form of command verb
619	(26B)	CHARACTER	1	OBSVSHRT	Short form of command verb
620	(26C)	BITSTRING	1	OBSVEND(0)	End of one entry
620	(26C)	X'9'	0	OBSESIZE	"*-OBSVLIST" Size of one entry
620	(26C)	CHARACTER	8		Long form of command verb
628	(274)	CHARACTER	1		Short form of command verb
629	(275)	CHARACTER	8		Long form of command verb
637	(27D)	CHARACTER	1		Short form of command verb
638	(27E)	CHARACTER	8		Long form of command verb
646	(286)	CHARACTER	1		Short form of command verb
646	(286)	X'4'	0	OBSVCNT	"(*-OBSVLIST)/OBSESIZE" Number of command verbs
		STATUS AND ERROR MESSAGES			
647	(287)	BITSTRING	51	CNCRSVDJ	Reserved for development 48
		IAT7130 - CONSOLE INPUT MESSAGE REJECTION			
698	(2BA)	ADDRESS	1	RJCTMSG	
699	(2BB)	CHARACTER	9	CNS03A	
708	(2C4)	CHARACTER	13	RJCTVERB	
721	(2D1)	CHARACTER	13		
733	(2DD)	CHARACTER	21	RJCTCAUS	
754	(2F2)	BITSTRING	1	CNS03B(0)	
754	(2F2)	CHARACTER	21	RJCT01	06141SVC
775	(307)	CHARACTER	21	RJCT02	06141SVC
796	(31C)	CHARACTER	21	RJCT03	06141SVC
817	(331)	CHARACTER	21	RJCT04	06141SVC
838	(346)	CHARACTER	21	RJCT05	06141SVC
859	(35B)	CHARACTER	21	RJCT06	06141SVC
880	(370)	CHARACTER	21	RJCT07	06141SVC

Table 45. Structure IATCNCN (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
901	(385)	CHARACTER	21	RJCT08	06141SVC
922	(39A)	CHARACTER	21	RJCT09	06141SVC
943	(3AF)	CHARACTER	21	RJCT10	06141SVC
964	(3C4)	CHARACTER	21	RJCT11	06141SVC
985	(3D9)	CHARACTER	21	RJCT12	06141SVC
1006	(3EE)	CHARACTER	21	RJCT13	06141SVC
1027	(403)	CHARACTER	21	RJCT14	06141SVC
1048	(418)	CHARACTER	21	RJCT15	06141SVC
1069	(42D)	CHARACTER	21	RJCT16	
1090	(442)	CHARACTER	21	RJCT17	06141SVC
1111	(457)	CHARACTER	21	RJCT18	06141SVA
1132	(46C)	CHARACTER	1	RJCT24	06141SVC

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WTO (IAT7130 ' DUMP, 'DDR IS ACTIVE )
      ,'ROUTCDE=2,MCSFLAG=BRDCAST,MF=L
```

1156	(484)	SIGNED	4	RJCT25M(0)	
1156	(484)	ADDRESS	2		TEXT LENGTH
1158	(486)	BITSTRING	2		MCSFLAGS
1160	(488)	CHARACTER	53		
1216	(4C0)	BITSTRING	2		DESCRIPTOR CODES
1218	(4C2)	BITSTRING	2		ROUTING CODES
1218	(4C2)	X'490'	0	RJCT25CM	"RJCT25M+12,13" Quotated rejected command area 16710TAC
1218	(4C2)	X'4A8'	0	RJCT25	"RJCT25M+36,21" Offset for cause 16710TAC
1220	(4C4)	CHARACTER	21	RJCT26	06141SVC
1241	(4D9)	CHARACTER	21	RJCT27	06141SVC
1262	(4EE)	CHARACTER	21	RJCT28	06141SVC
1283	(503)	CHARACTER	17	RJCT29	
1300	(514)	CHARACTER	4		06141SVC
1304	(518)	CHARACTER	0	RJCT30(0)	'OPERAND ' INVALID 06141SVC
1304	(518)	CHARACTER	2		OPEN QUOTE #675
1305	(519)	CHARACTER	8	RJCT30OP	INVALID OPERAND #675
1313	(521)	CHARACTER	2		CLOSE QUOTE #675
1314	(522)	CHARACTER	11		CONSTANT TEXT #675
1325	(52D)	CHARACTER	21	RJCT31	06141SVC
1346	(542)	CHARACTER	21	RJCT32	06141SVC
1367	(557)	CHARACTER	21	RJCT33	06141SVA
1388	(56C)	CHARACTER	21	RJCT34	
1409	(581)	CHARACTER	21	RJCT35	06141SVC
1430	(596)	CHARACTER	21	RJCT36	
1451	(5AB)	CHARACTER	21	RJCT37	
1472	(5C0)	CHARACTER	21	RJCT38	Reserved for IBM 06141SVA
1493	(5D5)	CHARACTER	21	RJCT39	Reserved for IBM 06141SVA
1514	(5EA)	CHARACTER	21	RJCT40	Reserved for IBM 06141SVA
1535	(5FF)	CHARACTER	21	RJCT41	06141SVC

Table 45. Structure IATCNCN (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1556	(614)	CHARACTER	21	RJCT42	06141SVC
1577	(629)	CHARACTER	21	RJCT43	Reserved for IBM' 06141SVC
1598	(63E)	CHARACTER	21	RJCT44	Reserved for IBM' 06141SVC
1619	(653)	CHARACTER	21	RJCT45	06141SVA
1640	(668)	CHARACTER	21	RJCT46	Reserved for IBM 06141SVA
1661	(67D)	CHARACTER	21	RJCT47	Reserved for IBM 06141SVA
1682	(692)	CHARACTER	21	RJCT48	Reserved for IBM 06141SVA
1703	(6A7)	CHARACTER	21	RJCT49	Reserved for IBM 06141SVA
1724	(6BC)	CHARACTER	1	RJCT50	Reserved for IBM 06141SVA
		IAT7140 - CONSOLE SWITCH MESSAGE 06141SVM			
1745	(6D1)	ADDRESS	1	CNSWTCH	
1746	(6D2)	CHARACTER	8	CNS04A	
1754	(6DA)	CHARACTER	21	CNSWFROM	
1775	(6EF)	CHARACTER	8	CNSWTO	
1783	(6F7)	BITSTRING	1	CNS04B(0)	
		IAT7150 - MESSAGE SWITCH MESSAGE			
1783	(6F7)	ADDRESS	1	MSGSWIT	
1784	(6F8)	CHARACTER	8	CNS05A	
1792	(700)	CHARACTER	0	MSGWORK(0)	Max cmd + PREAM + '*'
1792	(700)	CHARACTER	8	MSGDDNM	
1800	(708)	CHARACTER	72	MSGROUTE	
1872	(750)	CHARACTER	157		
2029	(7ED)	BITSTRING	1	CNS05B(0)	
		IAT7181 THE cmd COMMAND IS NO LONGER SUPPORTED			
2029	(7ED)	ADDRESS	1	IAT7181	
2030	(7EE)	CHARACTER	12	MSGT7181	Start of message text
2042	(7FA)	CHARACTER	8	CMD7181	Obsolete command
2050	(802)	CHARACTER	31	VAR7181	Room for " COMMAND IS @QAC NO LONGER SUPPORTED" @QAC
2081	(821)	BITSTRING	1	END7181(0)	End of message
2081	(821)	CHARACTER	31	NTSP7181	Message text appended after the command
		IAT7182 ' FREE <rjpcn>' COMMAND COMPLETE 0 The message appears without rjpcn (undirected form) 0 only when issued from an RJP console. When rjpcn 0 is present (directed form), it is exactly five 0 characters long. 0			
2112	(840)	ADDRESS	1	IAT7182	0175
2113	(841)	CHARACTER	15	MSGT7182	Start of message text 0175
2127	(84F)	CHARACTER	0	VAR7182U(0)	Undirected free CCMP7182 0175
2127	(84F)	CHARACTER	1	SEP7182	Separator and RJP console 0175
2128	(850)	CHARACTER	5	RJP7182	name, if directed free, 0175 otherwise both fields are 0175 overlaid by a copy of 0175 CCMP7182 0175

Table 45. Structure IATCNCN (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2133	(855)	CHARACTER	18	VAR7182D	Directed free CCMP7182 0175
2151	(867)	BITSTRING	1	END7182(0)	End of message 0175
2151	(867)	CHARACTER	19	CCMP7182	0175 Message text appended after 0175 the command 0175 40
		FIELDS USED BY IATCNIN (FREE AND SWITCH PROCESSING)			
2172	(87C)	SIGNED	4	CNINPARM(0)	PARM LIST FOR IATGROCO CALL 0207 (NEXT 2 FULLWORDS) 0207
2172	(87C)	ADDRESS	4	CNINNAME	SWITCH_FROM CONSOLE NAME 0207
2176	(880)	ADDRESS	4	CNINSWNM	SWITCH_TO CONSOLE NAME 0207 END OF IATGROCO PARM LIST 0207
2180	(884)	CHARACTER	8	WDSAVE2	WORK AREA FOR *SWITCH AND *MESSAGE PROCESSING
2188	(88C)	BITSTRING	17	YCNCRCM	ROUTE CODE MASK FOR ROUTE CODE/ /DEST CLASS VALIDATION ROUTINE
2205	(89D)	CHARACTER	3	CNINRSVD	RESERVED FOR DEVELOPMENT
2208	(8A0)	BITSTRING	4	YCNCDSH	- DASH
2212	(8A4)	BITSTRING	4	YCNCLP	- LEFT PAREN
2216	(8A8)	BITSTRING	4	YCNCRP	- RIGHT PAREN
		The following table contains command prefixes which may not warrant translation to upper case.			
2220	(8AC)	CHARACTER	8	CNCINQ1	Inquiry command prefix
2228	(8B4)	CHARACTER	2	CNCINQ2	Inquiry command prefix
2230	(8B6)	CHARACTER	7	CNCMOD1	Modify command prefix
2237	(8BD)	CHARACTER	2	CNCMOD2	Modify command prefix
2239	(8BF)	CHARACTER	6	CNCSTRT1	Start command prefix
2245	(8C5)	CHARACTER	2	CNCSTRT2	Start command prefix
2247	(8C7)	CHARACTER	5	CNCCALL1	Call command prefix
2252	(8CC)	CHARACTER	2	CNCCALL2	Call command prefix
		The following table contains parameters, per the above command prefixes, indentifying those commands which must not be translated to upper case.			
2254	(8CE)	CHARACTER	1	CNCOSCMD	Output service inqiry/modify
2255	(8CF)	CHARACTER	7	CNCREROT	Reroute command
2262	(8D6)	CHARACTER	49	CNCRSVS5	Reserved for Service 3#06141SVD
2312	(908)	SIGNED	4	CNCRSVDA(3)	
2324	(914)	CHARACTER	8	COMMAND	
2332	(91C)	CHARACTER	11	SUPRESS	$$$$
2343	(927)	CHARACTER	4	CJSQ	
2347	(92B)	CHARACTER	3	IAT	
2350	(92E)	CHARACTER	3	IEF	
2353	(931)	CHARACTER	3	IEE	
2356	(934)	CHARACTER	3	IEA	
2359	(937)	CHARACTER	3	IEC	
2362	(93A)	CHARACTER	3	DJC	
2365	(93D)	CHARACTER	2	REP	
2367	(93F)	CHARACTER	2	ID	

Table 45. Structure IATCNCN (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2367	(93F)	X'F'	0	REPLEN	"L'REP+L'ID+L'SUPRESS"
2369	(941)	BITSTRING	3	CNCRVS10	Reserved for Service 0175
2372	(944)	ADDRESS	4	LCLCALL	"V(CNCNLCMD)" ADDRESS OF THE LOCAL COMMAND TABLE EITHER IN IATCNCN OR COMMON STORAGE.
2376	(948)	BITSTRING	145	CNCRSD	RESERVED FOR DEVELOPMENT 11
2521	(9D9)	BITSTRING	1	CNCRSVS1	Reserved for Service
2522	(9DA)	BITSTRING	1	CNCCMDFL	Command Processing Flag
		Definition of CNCCMDFL bits			
		1...		CNCCMD80	"X'80'" Reserved for Service
		.1..		CNCRMDEF	"X'40'" Remote defaults processed
		..1.		CNCRMSAF	"X'20'" SAF call returned RC=0
		...1		CNCRMERR	"X'10'" Remote OPERAND error found
		.... 1...		CNCCMD08	"X'08'" Reserved for Service
		.... .1..		CNCCMD04	"X'04'" Reserved for Service
		.... ..1.		CNCCMD02	"X'02'" Reserved for Service
		1		CNCCMD01	"X'01'" Reserved for Service 31
2523	(9DB)	BITSTRING	1	CNCFLAG1	FLAGS FOR COMMUNICATING BETWEEN SERVICE ROUTINES AND CONSOLES
		DEFINITION OF CNCFLAG1 BITS			
		1...		CNCF1RV1	"X'80'" Reserved for development
		.1..		CNCF1RV2	"X'40'" Reserved for development
		..1.		CNCF1RV3	"X'20'" Reserved for development
		...1		CNCF1RV4	"X'10'" Reserved for development
		.... 1...		CNCF1RV5	"X'08'" Reserved for development
		.... .1..		CNCF1RV6	"X'04'" Reserved for development
		.... ..1.		CNCF1RV7	"X'02'" Reserved for development
		1		CNCLENER	"X'01'" COMMAND LENGTH ERROR DETECTED IN IATCNIA
2524	(9DC)	BITSTRING	2	CNCSRVC1	RESERVED FOR DEVELOPMENT
2526	(9DE)	BITSTRING	1	CNCFLAG2	FLAGS FOR CONSOLE QUEUEING
		DEFINITION OF CNCFLAG2 FLAG BITS			
		1...		CNCSUSP	"X'80'" DSQLOC returned suspend ret. code
		.1..		CNCF2RV2	"X'40'" Reserved for development
		..1.		CNCF2RV3	"X'20'" Reserved for development
		...1		CNCF2RV4	"X'10'" Reserved for development
		.... 1...		CNCF2RV5	"X'08'" Reserved for development
		.... .1..		CNCSTDJM	"X'04'" IATCNSV ISSUED STD JESMSG
		1		CNCF2RV6	"X'01'" Reserved for development
2527	(9DF)	CHARACTER	2	CNCRSD55	RESERVED FOR DEVELOPMENT
2529	(9E1)	BITSTRING	3	CNCRVD10	Reserved for Development 0175
2532	(9E4)	SIGNED	4	CNDMCELL	CELL IN USE BY IATCNDM
2536	(9E8)	SIGNED	4	CNCRSVD6	RESERVED FOR DEVELOPMENT 0443 15

Table 45. Structure IATCNCN (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		TRANSLATE TABLE FOR IATCNIN			
2540	(9EC)	CHARACTER	1	CNCTRTBL(74)	X'00' TO X'49' BLANKS
2614	(A36)	CHARACTER	8		X'4A' TO X'50' SP CHARS
2621	(A3D)	CHARACTER	1	(9)	X'51' TO X'59' BLANKS
2630	(A46)	CHARACTER	8		X'5A' TO X'61' SP CHARS
2638	(A4E)	CHARACTER	1	(8)	X'62' TO X'69' BLANKS
2646	(A56)	BITSTRING	1		X'6A' SPECIAL CHARACTER
2647	(A57)	CHARACTER	5		X'6B' TO X'6F' SP CHARS
2652	(A5C)	CHARACTER	1	(9)	X'70' TO X'78' BLANKS
2661	(A65)	BITSTRING	1		X'79' SPECIAL CHARACTER
2662	(A66)	CHARACTER	7		X'7A' TO X'7F' SP CHARS
2668	(A6C)	CHARACTER	16		LOWER CASE ALPHA CHARS
2684	(A7C)	CHARACTER	16		LOWER CASE ALPHA CHARS
2700	(A8C)	BITSTRING	2		X'A0' BLANK, X'A1' SPEC CHAR
2702	(A8E)	CHARACTER	14		LOWER CASE ALPHA CHARS
2716	(A9C)	CHARACTER	1	(16)	X'B0' TO X'BF' CHARACTERS
2732	(AAC)	BITSTRING	1		X'C0' SPECIAL CHARACTER
2733	(AAD)	CHARACTER	15		UPPER CASE ALPHA CHARS
2748	(ABC)	BITSTRING	1		X'D0' SPECIAL CHARACTER
2749	(ABD)	CHARACTER	15		UPPER CASE ALPHA CHARS
2764	(ACC)	BITSTRING	1		X'E0' SPECIAL CHARACTER
2765	(ACD)	CHARACTER	15		UPPER CASE ALPHA CHARS
2780	(ADC)	CHARACTER	16		
0	(0)	X'400'	0	SIZECELL	"1024" FIXED SIZE OF CNWO CELL, CELLPOOL BUILT BY IATINC2 AND CELLS USED BY IATCNWO
		CONCMD DSP RECOVERY WORK AREAS #			
2796	(AEC)	ADDRESS	4	CNCMSTAR	ADDRESS OF STAGING AREA #172 CURRENTLY BEING PROCESSED #172
2800	(AF0)	ADDRESS	4	CNCMSAPR	USED DURING CONCMD JESTAE #172 STAGING AREA VALIDATION TO #172 POINT TO THE LAST VALID #172 STAR ON THE S34 DEST QUEUE #172
2804	(AF4)	BITSTRING	1	CNCMECFM	ECF MASK CURRENTLY BEING #172 PROCESSED #172
2805	(AF5)	BITSTRING	1	CNCMJRFL	CNCM JESTAE RECOVERY FLAGS #172
		1...		CNCMJRDA	"X'80'" JESTAE RECOVERY DISABLED #172
		..1.		CNCMJRSA	"X'20'" JSERV FOR CURRENT STA ISSUED#172 #172
2806	(AF6)	BITSTRING	1	CNCMSAFL	CNCM JESTAE RECOVERY FLAGS, #172 FOR STAGING AREA VALIDATION #172
		1...		CNCMSACK	"X'80'" STAGING AREA QUEUE VALIDITY #172 CHECKING IS IN PROGRESS #172
		.1..		CNCMSA34	"X'40'" SVC 34 DST Q IS VALID #172
		.... 1...		CNCMSALO	"X'08'" CNCMSTAR STAGING AREA FOUND #172 ON A DESTINATION QUEUE #172

Table 45. Structure IATCNCN (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... .1..		CNCMSADE	"X'04'" CNCMSTAR STAGING AREA HAS #172 BEEN REMOVED FROM THE DST Q #172 WITHOUT ISSUING A JSERV #172 DUE TO A CRITICAL ERROR #172
		.... ..1.		CNCMSAJS	"X'02'" A JSERV WAS ISSUED FROM THE #172 CONCMD JESTAE TO FREE UP #172 THE STAGING AREA IN ERROR #172 #172
2807	(AF7)	BITSTRING	1	CNCMJRSV	RESERVED FOR DEVELOPMENT #172
2808	(AF8)	SIGNED	4	CONWOADD	SECONDARY VECTOR FOR THE CNWO CELL POOL
2812	(AFC)	SIGNED	4	CNCRSVU6(9)	RESERVED FOR USER #172
THE FOLLOWING BRANCHES PROVIDE ACCESS TO SUBROUTINES IN IATCNRN.					
2848	(B20)	SIGNED	2	CPCBERR1(3)	HOLD PLACE FOR INSTRUCTIONS
2854	(B26)	BITSTRING	2	CNCRVS11	Reserved for Service 0175
2856	(B28)	ADDRESS	4	MRCELLPT	"V" ADDR OF SUBROUTINE RNCELLPT
2860	(B2C)	ADDRESS	4	MRCELLGT	"V" ADDR OF SUBROUTINE RNCELLGT
2864	(B30)	ADDRESS	4	CNCCNCV	"V" ADDR of SUBROUTINE RNCNCV
2868	(B34)	ADDRESS	4	CONHEX	"V" ADDR OF SUBROUTINE CNCONHEX
2872	(B38)	SIGNED	4	CNCRSVS7	RESERVED FOR SERVICE
CONSERV DSP RECOVERY WORK AREAS					
2876	(B3C)	ADDRESS	4	CNSVRQ	ADDRESS OF RQ
2880	(B40)	ADDRESS	4	CNSVSTAR	ADDRESS OF STAGING AREA CURRENTLY BEING PROCESSED
2884	(B44)	ADDRESS	4	CNSVSAPR	USED DURING CONSERV JESTAE STAGING AREA VALIDATION TO POINT TO THE LAST VALID STAR ON THE CNSVSAQI QUEUE
2888	(B48)	BITSTRING	1	CNSVECFM	ECF MASK CURRENTLY BEING PROCESSED
2889	(B49)	BITSTRING	1	CNSVJRFL	CNSV JESTAE RECOVERY FLAGS
DEFINITIONS FOR IATCNSV RECOVERY FLAGS - CNSVJRFL					
		1...		CNSVJRDA	"X'80'" JESTAE RECOVERY DISABLED
		.1..		CNSVJRRQ	"X'40'" RQ CLEANUP PROCESSED
		..1.		CNSVJRSA	"X'20'" JSERV FOR CURRENT STA ISSUED
		...1		CNSVEX70	"X'10'" CALL FOR USER EXIT 70 IS IN PROGRESS
		.... 1...		CNSVABMN	"X'08'" IATABMN HAS COMPLETED CSVDYNEX RECOVER PROCESSING
		.... .1..		CNSVADRT	"X'04'" THERE ARE ADDITIONAL EXIT 70 ROUTINES TO CALL
		.... ..1.		CNSVRT70	"X'02'" RETRY TO COMPLETE CALL TO USER EXIT 70
2890	(B4A)	BITSTRING	1	CNSVSAFL	CNSV JESTAE RECOVERY FLAGS, FOR STAGING AREA VALIDATION
		1...		CNSVSACK	"X'80'" STAGING AREA QUEUE VALIDITY CHECKING IS IN PROGRESS #172
		..1.		CNSVJR20	"X'20'" Reserved flag
		...1		CNSVSA35	"X'10'" SVC 35 DST Q IS VALID
		.... 1...		CNSVSALO	"X'08'" CNSVSTAR STAGING AREA FOUND ON A DESTINATION QUEUE

Table 45. Structure IATCNCN (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... .1..		CNSVSADE	"X'04'" CNSVSTAR STAGING AREA HAS BEEN REMOVED FROM THE DST Q WITHOUT ISSUING A JSERV DUE TO A CRITICAL ERROR
		.... ..1.		CNSVSAJS	"X'02'" A JSERV WAS ISSUED FROM THE CONSERV JESTAE TO FREE UP THE STAGING AREA IN ERROR
2891	(B4B)	BITSTRING	1	CNSVSAQI	DESTINATION QUEUE INDEX CURRENTLY BEING VALIDATED
2892	(B4C)	BITSTRING	1	CNSVJRSV	RESERVED FOR DEVELOPMENT
2893	(B4D)	ADDRESS	1	CNMG155L	
2894	(B4E)	CHARACTER	41		
2935	(B77)	CHARACTER	5	CNMG155A	
2940	(B7C)	CHARACTER	8	CNMG155J	JOB NAME
2948	(B84)	CHARACTER	1	CNMG155Q	
2949	(B85)	CHARACTER	8	CNMG155I	Job id
2957	(B8D)	CHARACTER	1	CNMG155P	
2958	(B8E)	CHARACTER	38	CNMG155G	
2958	(B8E)	X'BB4'	0	CNMG155E	"*"
2996	(BB4)	CHARACTER	38	CNMG155C	
3034	(BDA)	CHARACTER	1	CNMG155S	
3034	(BDA)	X'17'	0	CNMG155B	"CNMG155G-CNMG155A"
		STORAGE FOR IATCNIN WORK CNDB FOR MESSAGE COMMAND CNCCNDB IATYCNDB DSECT=NO IATYCNDB PARAMETER LIST 0 IATYCNDB_1:;			
3060	(BF4)	SIGNED	4	YCNCCNDB(0)	IATYCNDB.27: based variable for storage mapping
3060	(BF4)	SIGNED	4		Four byte console id 0176
3064	(BF8)	CHARACTER	4		IATYCNDB eyecatcher
3068	(BFC)	ADDRESS	4		IATYCNDB version
3072	(C00)	BITSTRING	8		Reserved for development
3080	(C08)	BITSTRING	8		Console Name 0176
3088	(C10)	BITSTRING	24		Reserved for development
3112	(C28)	SIGNED	2		Reserved for development
3114	(C2A)	BITSTRING	40		Reserved for development
		The following two fields - CNCCML and CNCCMD must be contiguous. This is used for MGCRE issuance. When the MGCRE is issued, the TEXT= keyword must point to a data area containing the 2-byte command text length followed by the command text.			
3154	(C52)	SIGNED	2	CNCCML	Command text length
3156	(C54)	CHARACTER	126	CNCCMD	Command text 04711SQA
3282	(CD2)	BITSTRING	2	CNCRSVD9	Reserved for IBM 04711SQA
3284	(CD4)	SIGNED	2	CNCLST(0)	MGCRE PARAMTER LIST
3284	(CD4)	ADDRESS	1		FLAG FIELD '00'
3285	(CD5)	ADDRESS	1		RESERVED
3286	(CD6)	BITSTRING	1		FLAG FIELD
3287	(CD7)	BITSTRING	1		FLAG FIELD 2

Table 45. Structure IATCNCN (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
3288	(CD8)	CHARACTER	5		CONTROL BLOCK ACRONYM 'MGCRE'
3293	(CDD)	ADDRESS	1		VERSION LEVEL
3294	(CDE)	BITSTRING	1		FLAG FIELD 3
3295	(CDF)	ADDRESS	1		RESERVED
3296	(CE0)	ADDRESS	4		ADDRESS OF THE COMMAND TEXT
3300	(CE4)	ADDRESS	4		TOKEN
3304	(CE8)	CHARACTER	8		CONSOLE NAME
3312	(CF0)	ADDRESS	4		CONSOLE ID
3316	(CF4)	BITSTRING	1		COMMAND DISPOSITION
3317	(CF5)	BITSTRING	2		COMMAND AUTHORITY LEVEL
3319	(CF7)	BITSTRING	1		RESERVED
3320	(CF8)	BITSTRING	8		COMMAND AND RESPOSE TOKEN
3328	(D00)	BITSTRING	8		SYSTEM NAME
3336	(D08)	ADDRESS	4		UTOKEN ADDRESS
3340	(D0C)	BITSTRING	4		RESERVED
3340	(D0C)	X'CD4'	0	CNCLSTP	"CNCLST,*-CNCLST"
3340	(D0C)	X'3C'	0	CNCLSTL	"*-CNCLST"
3344	(D10)	SIGNED	4	CNCEND(0)	END OF CONTROL BLOCK
3344	(D10)	X'D10'	0	CNCSIZE	"CNCEND-IATCNCN" SIZE OF CONTROL BLOCK 87

Table 46. Structure IATCNCN

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATCNCN	

Table 47. Cross Reference for IATYCNC

Name	Offset	Hex Tag
AUTHCKNO	196	80
BLNK	DC	40
CBCPADDR	34	
CBCPMAX	54	0
CCMP7182	867	7D40C3D6
CCONCMD	108	C3D6D5C3
CCONSERV	110	C3D6D5E2
CDUMP	1B2	C4E4D4D7
CHNSAVE	118	40404040
CJSQ	927	D1E2D840
CMDTRANS	196	40
CMD7181	7FA	40404040
CMF	24	0
CMPDATA	C4	0
CNCCALL1	8C7	5CC3C1D3
CNCCALL2	8CC	5CE7
CNCCMD	C54	
CNCCMDFL	9DA	0

Table 47. Cross Reference for IATYCNC (continued)

Name	Offset	Hex Tag
CNCCMD01	9DA	1
CNCCMD02	9DA	2
CNCCMD04	9DA	4
CNCCMD08	9DA	8
CNCCMD80	9DA	80
CNCCML	C52	
CNCCNCV	B30	
CNCCNTRL	68	0
CNCDLFLG	3F	0
CNCDOMID	64	0
CNCELREM	1C0	80
CNCEND	D10	
CNCEXTOK	5C	0
CNCFLAG1	9DB	0
CNCFLAG2	9DE	0
CNCFLAG3	1C0	0
CNCFLCSQ	1B7	40404040
CNCFLWEC	80	
CNCFREEW	6C	
CNCFRWRK	68	
CNCF1RV1	9DB	80
CNCF1RV2	9DB	40
CNCF1RV3	9DB	20
CNCF1RV4	9DB	10
CNCF1RV5	9DB	8
CNCF1RV6	9DB	4
CNCF1RV7	9DB	2
CNCF2RV2	9DE	40
CNCF2RV3	9DE	20
CNCF2RV4	9DE	10
CNCF2RV5	9DE	8
CNCF2RV6	9DE	1
CNCINQ1	8AC	5CC9D5D8
CNCINQ2	8B4	5CC9
CNCJMECF	38	
CNCJMRSV	3C	0
CNCLENER	9DB	1
CNCLST	CD4	
CNCLSTL	D0C	3C
CNCLSTP	D0C	CD4
CNCMECFM	AF4	0
CNCMJRDA	AF5	80
CNCMJRFL	AF5	0
CNCMJRSA	AF5	20
CNCMJRSV	AF7	0
CNCMOD1	8B6	5CD4D6C4

Table 47. Cross Reference for IATYCNC (continued)

Name	Offset	Hex Tag
CNCMOD2	8BD	5CC6
CNCMSACK	AF6	80
CNCMSADE	AF6	4
CNCMSAFL	AF6	0
CNCMSAJS	AF6	2
CNCMSALO	AF6	8
CNCMSAPR	AF0	
CNCMSA34	AF6	40
CNCMSFCT	58	0
CNCMSG70	1C0	20
CNCMSG80	1C0	10
CNCMSG90	1C0	8
CNCMSTAR	AEC	
CNCOSCMD	8CE	E4
CNCREROT	8CF	D5D1C5D9
CNCRMDEF	9DA	40
CNCRMERR	9DA	10
CNCRMSAF	9DA	20
CNCRSD	948	0
CNCRSD35	19A	0
CNCRSD55	9DF	
CNCRSVDA	908	0
CNCRSVDB	1BD	
CNCRSVDJ	287	
CNCRSVDS	1BE	0
CNCRSVD1	40	0
CNCRSVD2	98	0
CNCRSVD4	1BC	0
CNCRSVD6	9E8	0
CNCRSVD7	4C	0
CNCRSVD8	26	0
CNCRSVD9	CD2	
CNCRSVS1	9D9	0
CNCRSVS2	1C1	0
CNCRSVS4	70	0
CNCRSVS5	8D6	
CNCRSVS7	B38	
CNCRSVS9	190	0
CNCRSVU3	84	0
CNCRSVU4	1C6	
CNCRSVU6	AFC	0
CNCRSV10	2C	
CNCRVD10	9E1	0
CNCRVS10	941	0
CNCRVS11	B26	0
CNCR2SAV	9C	0

Table 47. Cross Reference for IATYCNC (continued)

Name	Offset	Hex Tag
CNCSIZE	D10	D10
CNCSRVC1	9DC	0
CNCSTDJM	9DE	4
CNCSTRT1	8BF	5CE2E3C1
CNCSTRT2	8C5	5CE2
CNCSUSP	9DE	80
CNCSVWRK	30	
CNCTRTBL	9EC	40404040
CNCWTOTK	50	0
CNDMCELL	9E4	0
CNDMJBNO	7C	0
CNINADDR	28	
CNINNAME	87C	
CNINPARM	87C	
CNINRSVD	89D	
CNINSWNM	880	
CNMG155A	B77	D1D6C240
CNMG155B	BDA	17
CNMG155C	BB4	40E3C8C1
CNMG155E	B8E	BB4
CNMG155G	B8E	40E3C8C1
CNMG155I	B85	40404040
CNMG155J	B7C	40404040
CNMG155L	B4D	
CNMG155P	B8D	5D
CNMG155Q	B84	4D
CNMG155S	BDA	C1E2C9C4
CNSVABMN	B49	8
CNSVADRT	B49	4
CNSVECFM	B48	0
CNSVEX70	B49	10
CNSVJRDA	B49	80
CNSVJRFL	B49	0
CNSVJRRQ	B49	40
CNSVJRSA	B49	20
CNSVJRSV	B4C	0
CNSVJR20	B4A	20
CNSVRQ	B3C	
CNSVRT70	B49	2
CNSVSACK	B4A	80
CNSVSADE	B4A	4
CNSVSAFL	B4A	0
CNSVSAJS	B4A	2
CNSVSALO	B4A	8
CNSVSAPR	B44	
CNSVSAQI	B4B	0

Table 47. Cross Reference for IATYCNC (continued)

Name	Offset	Hex Tag
CNSVSA35	B4A	10
CNSVSTAR	B40	
CNSWFROM	6DA	40404040
CNSWTCH	6D1	
CNSWTO	6EF	40404040
CNS03A	2BB	C9C1E3F7
CNS03B	2F2	
CNS04A	6D2	C9C1E3F7
CNS04B	6F7	
CNS05A	6F8	C9C1E3F7
CNS05B	7ED	
COMMA	E0	6B
COMMAND	914	C3D6D4D4
CONAFAIL	24	8
CONHEX	B34	
CONIDSAV	A0	0
CONVERT	192	39
CONWOADD	AF8	0
CPCBERR1	B20	
CSETUP	100	E2C5E3E4
DJC	93A	C4D1C3
EIGHT	D4	8
END7181	821	
END7182	867	
ERRORID	19C	20
HUNDRED	198	64
IAT	92B	C9C1E3
IATCNCN	0	
IATCNCN	0	
IAT7181	7ED	
IAT7182	840	
ID	93F	F0F0
IEA	934	C9C5C1
IEC	937	C9C5C3
IEE	931	C9C5C5
IEF	92E	C9C5C6
INQDRVR	F0	C9D5D8C4
INTERCON	1A8	0
INTERNAL	1A0	C9D5E3C5
JMMAXTXT	19A	78
LCLCALL	944	
LNGLIST	1C6	1CA
LONGLST	B8	
MAXCMD	196	7E
MAXSPLIT	19A	23
MAXSWTCH	194	46

Table 47. Cross Reference for IATYCNC (continued)

Name	Offset	Hex Tag
MINPUT	196	7E
MLOGID	19E	80
MODDRVR	F8	D4D6C4C4
MRCELLGT	B2C	
MRCELLPT	B28	
MSGDDNM	700	40404040
MSGROUTE	708	40404040
MSGSWIT	6F7	
MSGT7181	7EE	C9C1E3F7
MSGT7182	841	C9C1E3F7
MSGWORK	700	
NINE	D8	9
NTSP7181	821	40C3D6D4
OBSESIZE	26C	9
OBSLVLST	D0	
OBSVCNT	286	4
OBSVEND	26C	
OBSVLIST	263	
OBSVLONG	263	C4C5D3C1
OBSVSHRT	26B	C4
ONE	1AE	1
PERIOD	E4	4B
P521MCMD	196	50
REP	93D	D940
REPLEN	93F	F
RJCTCAUS	2DD	40404040
RJCTMSG	2BA	
RJCTVERB	2C4	5CD4C5E2
RJCT01	2F2	D1C5E240
RJCT02	307	E5C5D9C2
RJCT03	31C	7DD5D6E4
RJCT04	331	D4E4E2E3
RJCT05	346	7DC4C5E5
RJCT06	35B	7DC4E2D7
RJCT07	370	D9C5C6E4
RJCT08	385	C3C1D5C3
RJCT09	39A	C6C3E340
RJCT10	3AF	7DC3D6D5
RJCT11	3C4	7DC3D6D5
RJCT12	3D9	7DC3D6D5
RJCT13	3EE	7DC4E2D7
RJCT14	403	E2D6C3D2
RJCT15	418	C9D5E5C1
RJCT16	42D	D5D6C4C5
RJCT17	442	E4D5C1E4
RJCT18	457	D5D6C4C5

Table 47. Cross Reference for IATYCNC (continued)

Name	Offset	Hex Tag
RJCT24	46C	C1D4C2C9
RJCT25	4C2	4A8
RJCT25CM	4C2	490
RJCT25M	484	
RJCT26	4C4	7DE7E7E7
RJCT27	4D9	7DE7E7E7
RJCT28	4EE	D5D640C6
RJCT29	503	C9D5E5C1
RJCT30	518	
RJCT30OP	519	40404040
RJCT31	52D	D5D6E340
RJCT32	542	C9D5E5C1
RJCT33	557	D5D640C5
RJCT34	56C	C5E7E3D9
RJCT35	581	C4C5E5C9
RJCT36	596	C1D3D340
RJCT37	5AB	D5D640E2
RJCT38	5C0	40404040
RJCT39	5D5	40404040
RJCT40	5EA	40404040
RJCT41	5FF	E3D9C1C3
RJCT42	614	E3D9C1C3
RJCT43	629	40404040
RJCT44	63E	40404040
RJCT45	653	D9D1D740
RJCT46	668	40404040
RJCT47	67D	40404040
RJCT48	692	40404040
RJCT49	6A7	40404040
RJCT50	6BC	40404040
RJP7182	850	40404040
SAVE	A4	0
SAVE2	A8	0
SEP7182	84F	40
SHRTLST	AC	
SHTLIST	250	251
SIZECELL	0	400
SUPRESS	91C	6BE2E4D7
TEN	18E	A
TWENTY	1AC	F2F0
TWO	1B0	2
VAR7181	802	40404040
VAR7182D	855	40404040
VAR7182U	84F	
WDSAVE	186	40404040
WDSAVE2	884	40404040

Table 47. Cross Reference for IATYCNC (continued)

Name	Offset	Hex Tag
WTDDRVR	E8	E6E3C4C4
YCNCCNDB	BF4	
YCNCDD	25	10
YCNCDFLG	25	0
YCNCDSH	8A0	60
YCNCDSRT	25	20
YCNCDSTL	25	80
YCNCDSTR	25	40
YCNCER	25	8
YCNCLP	8A4	4D
YCNCRCM	88C	0
YCNCRP	8A8	5D
YCNCRSV1	25	1
YCNCRSV2	25	2
YCNCRSV3	25	4

IATYCNDB information

IATYCNDB heading information

Common name: Console Destination Block

Macro ID: IATYCNDB

DSECT name: IATYCNDB --based variable for storage mapping

Owning component: JES3 (SC1BA)

Eye-catcher ID: CNDBEYE
Offset: 4
Length: 4

Storage attributes: Main Storage: 94
Virtual Storage: 94
Auxiliary Storage: 94
Subpool: n/a
Key: 1
Data Space: N/A
Residency: any

Size: 94

Created by: n/a

Pointed to by: Imbeded within other control blocks

Serialization: none

Function: The console destination block is a control block that contains information related to the destination that messages should be sent to. This control block is built as commands are entered into to the system and is used by command processors as a destination for where to return messages to. The control block is imbeded in other control blocks and the size of the data area must not change (otherwise a JES3 cold start is required). The data is referenced by non-source maintained modules, so offsets into the data area must not change.

IATYCNDB mapping

Table 48. Structure IATYCNDB

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATYCNDB	IATYCNDB.27: based variable for storage mapping
0	(0)	SIGNED	4	CNDBCNID	IATYCNDB.44: Console id
4	(4)	CHARACTER	4	CNDBEYE	IATYCNDB.56: IATYCNDB eyecatcher
8	(8)	SIGNED	4	CNDBVERS	IATYCNDB.62: IATYCNDB version
12	(C)	CHARACTER	8	CNDBCART	IATYCNDB.68: Command and response token
20	(14)	CHARACTER	8	CNDBCNNM	IATYCNDB.74: Console name
28	(1C)	CHARACTER	8	CNDBRSD3	IATYCNDB.80: Reserved for dev
36	(24)	CHARACTER	16	CNDBRSD4	IATYCNDB.86: Reserved for dev
52	(34)	SIGNED	2	CNDBRSD5	IATYCNDB.92: Destination class
54	(36)	BITSTRING	1	CNDBFLG1(0)	IATYCNDB.98: Flag byte
		1...		CNDBRESP	"X'80'" IATYCNDB.254: Command response indicator
55	(37)	BITSTRING	1	CNDBCTYP	IATYCNDB.162: Console Type Mapped by IATYCTYP
56	(38)	CHARACTER	4	CNDBRSD6	IATYCNDB.104: Reserved for dev
60	(3C)	CHARACTER	17	CNDBROUT(0)	IATYCNDB.110: Routing code mask
60	(3C)	CHARACTER	16	CNDB_ROUT16	IATYCNDB.110: Routing code mask
76	(4C)	CHARACTER	1	CNDB_ROUTE17(0)	IATYCNDB.110: Routing code mask
		1...		CNDB_ROUTE17_ALL	"X'80'" Dest Class = ALL
		.1..		CNDB_ROUTE17_MLG	"X'40'" Dest Class = MLOG
77	(4D)	CHARACTER	1	CNDBRSD7	IATYCNDB.259: Reserved for dev
78	(4E)	CHARACTER	15	CNDBRSS1	IATYCNDB.116: Reserved for service
93	(5D)	CHARACTER	1	CNDBRSD8	IATYCNDB.122: Reserved for development
93	(5D)	X'1'	0	CNDB313	"1" IATYCNDB.150: Equate for HJS3313
93	(5D)	X'2'	0	CNDB521	"2" IATYCNDB.262: Equate for HJS5521
94	(5E)	X'2'	0	CNDBCURR	"CNDB521" IATYCNDB current version
94	(5E)	X'5E'	0	IATYCNDB_LEN	"*-IATYCNDB"

Table 49. Cross Reference for IATYCNDB

Name	Offset	Hex Tag
CNDB_ROUTE17	4C	
CNDB_ROUTE17_ALL	4C	80
CNDB_ROUTE17_MLG	4C	40
CNDB_ROUT16	3C	
CNDBCART	C	
CNDBCNID	0	
CNDBCNNM	14	
CNDBCTYP	37	
CNDBCURR	5E	2
CNDBEYE	4	
CNDBFLG1	36	
CNDBRESP	36	80
CNDBROUT	3C	

Table 49. Cross Reference for IATYCNDB (continued)

Name	Offset	Hex Tag
CNDBRSD3	1C	
CNDBRSD4	24	
CNDBRSD5	34	
CNDBRSD6	38	
CNDBRSD7	4D	
CNDBRSD8	5D	
CNDBRSS1	4E	
CNDBVERS	8	
CNDB313	5D	1
CNDB521	5D	2
IATYCNDB	0	
IATYCNDB_LEN	5E	5E

IATYCNDF information

IATYCNDF heading information

Common name: DLOG Format Routine(s) Data Areas

Macro ID: IATYCNDF

DSECT name: CNDFMMOD, TXTFPARM, CNDFTXTF

Owning component: JES3 (SC1BA)

Eye-catcher ID: none

Storage attributes: Main Storage: Specified CPOOL id
Auxiliary Storage: N/A

Size: N/A

Created by: IATCNDFM

Pointed to by: N/A

Serialization: none

Function: Parameter lists for passing information to DLOG Format routine (IATCNDFM). The module parameter list consists of a Function code followed by a pointer to the specific Function Code's parameter list.

```
+---------------+
| Function Code |
| |
+---------------+
| Function Parm |
| List pointer |------->+-------------+
+---------------+ | Function |
| Specific |
| Information |
+-------------+
```

Valid Function Codes:
TXTF -- "Format list of MDBs in DLOG Format"
An MDB, or chain of MDBs, is passed. A chain of Formatted text objects is returned. Entries on the returned chain is mapped by IATYCNDF.
"DO NOT CHANGE ANY OFFSETS IN THIS MACRO -- Referenced by Non-Source Maintained code"

IATYCNDF mapping

Table 50. Structure CNDFMMOD

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	CNDFMMOD	Module parameter list
0	(0)	CHARACTER	4	CNDFFUNC	Function Code for specific ...operation to invoke
4	(4)	ADDRESS	4	CNDFFPRM	Address of Function code's parameter list (ex, "TXTF")
4	(4)	X'8'	0	CNDFMEND	"*" End of Module Parm list
4	(4)	X'8'	0	CNDFMSIZ	"(CNDFMEND-CNDFMMOD)" Size of Module Parm list
		IATCNDFM -- Calling Environments. The calling environment will influence the entry linkage code for IATCNDFM. Pass the indication of the calling environment in register 0.			
4	(4)	X'0'	0	CNDFNUC	"0" Calling Environment for IATCNDFM ...is Nuctask
4	(4)	X'4'	0	CNDFNNUC	"4" Calling Environment for IATCNDFM ...is Not JES3 Nuctask

Table 51. Structure TXTFPARM

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	TXTFPARM	"TXTF" Parm List
0	(0)	ADDRESS	4	TXTFMDBP	Pointer to MDB(s) to Format
4	(4)	ADDRESS	4	TXTFMDBA	Alet of MDB(s) to Format
8	(8)	SIGNED	4	TXTFCPID	Cell Pool id for Storage ...Used for Formatted Text ...and TXTF entry
8	(8)	X'80'	0	TXTFCLSZ	"128" Minimum required size for ...CPOOL Cells (Max size of ...WTO/WTL text record)
12	(C)	ADDRESS	4	TXTFCDFA	Pointer to Anchor for ...formatted Text Objects ...(mapped by CNDFTXTF)
12	(C)	X'10'	0	TXTFEND	"*" End of "TXTF" Parm list
12	(C)	X'10'	0	TXTFSIZE	"(TXTFEND-TXTFPARM)" Size of "TXTF" Parm list
		Return and Reason Codes. Return Code is in R15 and the Reason Code is in R0.			
12	(C)	X'0'	0	CNDFRTOK	"0" CNDFM function performed ...successfully
12	(C)	X'4'	0	CNDFRTBD	"4" Failure During CNDFM ...processing
		General Reason Codes (Function Independent) -- R0			
12	(C)	X'0'	0	CNDFRSOK	"0" Dummy Reason Code-- Everything ...is fine
12	(C)	X'4'	0	CNDFRSUN	"4" Unknown Function Requested ... (CNDFFUNC value not known)
		Function Specific Reason Codes (returned in R0)			
12	(C)	X'8'	0	TFRSMDBZ	"8" Passed MDB Address was Zero ... (Alet and Pointer)

Table 51. Structure TXTFPARM (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
12	(C)	X'C'	0	TFRSANCZ	"12" Passed Anchor address for ...formatted text entries ...was Zero
12	(C)	X'10'	0	TFRSCPIZ	"16" Passed Cell Pool Id was ...zero
12	(C)	X'14'	0	TFRSNOST	"20" Unable to obtain storage for ...DLOG records (check Cell ...pool)

Table 52. Structure CNDFTXTF

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	CNDFTXTF	Dlog Format Text Entry
0	(0)	CHARACTER	4	CNDFTEYE	Eye-catcher ('TXTF')
4	(4)	ADDRESS	4	CNDFTNXT	Pointer to Next Text Entry
8	(8)	ADDRESS	4	CNDFTLEN	Length of Formatted Text
12	(C)	ADDRESS	4	CNDFTTXT	Pointer to Formatted Text ...(Maximum
12	(C)	X'10'	0	CNDFTEND	"*" End of DLOG Formatted Text ...Entry
12	(C)	X'10'	0	CNDFTSIZ	"(CNDFTEND-CNDFTXTF)" Size of Formatted Text Entry

Table 53. Cross Reference for IATYCNDF

Name	Offset	Hex Tag
CNDFFPRM	4	
CNDFFUNC	0	
CNDFMEND	4	8
CNDFMMOD	0	
CNDFMSIZ	4	8
CNDFNNUC	4	4
CNDFNUC	4	0
CNDFRSOK	C	0
CNDFRSUN	C	4
CNDFRTBD	C	4
CNDFRTOK	C	0
CNDFTEND	C	10
CNDFTEYE	0	
CNDFTLEN	8	
CNDFTNXT	4	
CNDFTSIZ	C	10
CNDFTTXT	C	
CNDFTXTF	0	
TFRSANCZ	C	C
TFRSCPIZ	C	10
TFRSMDBZ	C	8
TFRSNOST	C	14
TXTFCDFA	C	
TXTFCLSZ	8	80
TXTFCPID	8	

Table 53. Cross Reference for IATYCNDF (continued)

Name	Offset	Hex Tag
TXTFEND	C	10
TXTFMDBA	4	
TXTFMDBP	0	
TXTFPARM	0	
TXTFSIZE	C	10

IATYCNIF information

IATYCNIF heading information

Common name: JESXCF IXZXCNSV ORDER(INFO) Response Area

Macro ID: IATYCNIF

DSECT name: CNIFHDR CNIFREC

Owning component: JES3 (SC1BA)

Eye-catcher ID: 'CNIFH '
Offset: 0
Length: 6

Storage attributes: Subpool: N/A
Key: 1

Size: Variable depending on the information returned

Created by: Caller of IXZXCNSV ORDER(INFO)

Pointed to by: Caller of IXZXCNSV ORDER(INFO)

Serialization: None

Function: Provide JESXCF console information

IATYCNIF mapping

Table 54. Structure CNIFHDR

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	CNIFHDR	
0	(0)	CHARACTER	6	CNIFHEYE	IATYCNIF eyecatcher
6	(6)	BITSTRING	1	CNIFHVER	IATYCNIF version
6	(6)	X'1'	0	CNIFVERS_CURR	"CNIFVERS_520" Current version
6	(6)	X'1'	0	CNIFVERS_520	"1" Version for SP 5.2.0
7	(7)	BITSTRING	1	CNIFH_RSVD1	Reserved for alignment
8	(8)	SIGNED	4	CNIFH_OFFSET	Offset to the first console record
12	(C)	SIGNED	4	CNIFH_RECORDS	The number of console records that follow this header
16	(10)	CHARACTER	16	CNIFH_MEMBER	The JES member that currently owns the JESXCF consoles function
32	(20)	BITSTRING	16	CNIFH_RSVD2	Reserved for Development
32	(20)	X'30'	0	CNIFH_LENGTH	"*-CNIFHDR" Length of the header

Table 55. Structure CNIFREC

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	CNIFREC	
0	(0)	SIGNED	4	CNIFR_OFFSET	Offset to the next console record
4	(4)	BITSTRING	1	CNIFR_TYPE	The type of console

Table 55. Structure CNIFREC (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
4	(4)	X'1'	0	CNIFR_BSCRJP	"1" BSC RJP console
4	(4)	X'2'	0	CNIFR_SNARJP	"2" SNA RJP console
4	(4)	X'3'	0	CNIFR_NJE	"3" NJE console
4	(4)	X'4'	0	CNIFR_BDT	"4" BDT console
5	(5)	BITSTRING	1	CNIFR_AUTH	JES authority level
6	(6)	BITSTRING	1	CNIFR_STATUS	Status flags
		1...		CNIFR_LOGGED_ON	"X'80'" RJP console is logged on
		.1..		CNIFR_JES3ONLY	"X'40'" RJP console is only capable of entering JES3 commands
		..1.		CNIFR_MIGID_OBTAINED	"X'20'" A migration id was ontained for this console
		...1		CNIFR_SAVEMSG	"X'10'" JES is spooling message for this console while it is not logged on
7	(7)	BITSTRING	1	CNIFR_MIGID	The console's migration id
8	(8)	CHARACTER	8	CNIFR_NAME	The name of this console
16	(10)	BITSTRING	1	CNIFR_ROUTING(0)	Following is the information needed to direct WTOs to this console
16	(10)	CHARACTER	8	CNIFR_CONSNAME	- The console name
24	(18)	SIGNED	4	CNIFR_CONSID	- The console id
28	(1C)	CHARACTER	8	CNIFR_CART	- The CART value
36	(24)	SIGNED	4	CNIFR_COUNT	The number of MDBs queued to this console
40	(28)	CHARACTER	17	CNIFR_RTCODES	A bit mask of route codes being received by this console
57	(39)	BITSTRING	1	CNIFR_LINE_LENGTH	Console's line length
58	(3A)	BITSTRING	2	CNIFR_RSVD3	Reserved for alignment
60	(3C)	CHARACTER	8	CNIFR_SWITCH_NAME	The name of the console where this RJP console's messages are switched to
68	(44)	CHARACTER	32	CNIFR_JESDATA	A 32 byte field of JES data
100	(64)	BITSTRING	16	CNIFR_RSVD2	Reserved for Development
100	(64)	X'74'	0	CNIFR_LENGTH	"*-CNIFREC" Length of a record

Table 56. Cross Reference for IATYCNIF

Name	Offset	Hex Tag
CNIFH_LENGTH	20	30
CNIFH_MEMBER	10	40404040
CNIFH_OFFSET	8	0
CNIFH_RECORDS	C	0
CNIFH_RSVD1	7	0
CNIFH_RSVD2	20	0
CNIFHDR	0	
CNIFHEYE	0	C3D5C9C6
CNIFHVER	6	1
CNIFR_AUTH	5	0
CNIFR_BDT	4	4
CNIFR_BSCRJP	4	1
CNIFR_CART	1C	40404040

Table 56. Cross Reference for IATYCNIF (continued)

Name	Offset	Hex Tag
CNIFR_CONSID	18	0
CNIFR_CONSNAME	10	40404040
CNIFR_COUNT	24	0
CNIFR_JESDATA	44	40404040
CNIFR_JES3ONLY	6	40
CNIFR_LENGTH	64	74
CNIFR_LINE_LENGTH	39	0
CNIFR_LOGGED_ON	6	80
CNIFR_MIGID	7	0
CNIFR_MIGID_OBTAINED	6	20
CNIFR_NAME	8	40404040
CNIFR_NJE	4	3
CNIFR_OFFSET	0	0
CNIFR_ROUTING	10	
CNIFR_RSVD2	64	0
CNIFR_RSVD3	3A	0
CNIFR_RTCODES	28	40404040
CNIFR_SAVEMSG	6	10
CNIFR_SNARJP	4	2
CNIFR_STATUS	6	0
CNIFR_SWITCH_NAME	3C	40404040
CNIFR_TYPE	4	0
CNIFREC	0	
CNIFVERS_CURR	6	1
CNIFVERS_520	6	1

IATYCNS information

IATYCNS programming interface information

The following field is **NOT** programming interface information:

- CONSACTN

IATYCNS heading information

Common name: CONSOLE BUFFER MAP

Macro ID: IATYCNS

DSECT name: CONSMESS, CONSACTN, CONSDLOG

Owning component: JES3 (SC1BA)

Eye-catcher ID: NONE

Storage attributes:

Size: Variable depending on DSECTS expanded

Created by: IATINC2

Pointed to by: ACONSBCB in IATYTVT (FIRST IN CHAIN)
FCTCBPTR in IATYFCT (FIRST FOR FCT)
CONSACHN in IATYCNS TYPE=FCTQ FOR ACTION MSGS

Serialization: NONE

Function: Maps console input command buffers and DLOG 4

IATYCNS mapping

Table 57. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		
		1		CNSTART	"X'01'" - START (S)
		.... ..1.		CNRESTRT	"X'02'" - RESTART (R)
		11		CNCANCEL	"X'03'" - CANCEL (C)
		.... .1.1		CNSEND	"X'05'" - SEND (T)
		...1 ...1		CNFAIL	"X'11'" - FAIL
		..1. ...1		CNFREE	"X'21'" - FREE
		.1.. ...1		CNCALL	"X'41'" - CALL (X)
		.1.. ..1.		CNVARY	"X'42'" - VARY (V)
		.1.. ..11		CNINQUIR	"X'43'" - INQUIRY (I)
		.1.. .1..		CNMODIFY	"X'44'" - MODIFY (F)
		1.1. ...1		CNMESSAG	"X'A1'" - MESSAGE (Z)
		11.. ...1		CNSWITCH	"X'C1'" - SWITCH
		11.1 ...1		CNTRACE	"X'D1'" - TRACE
		111. ...1		CNDUMP	"X'E1'" - DUMP
		111. ..1.		CNRETURN	"X'E2'" - RETURN

Table 58. Structure CONSACTN

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	CONSACTN	
0	(0)	SIGNED	4	CONSACHN	- CHAIN TO NEXT ACTION BUFFER IN QUEUE
4	(4)	CHARACTER	1	CONSAFLG	- BUFFER CONTROL FLAG
8	(8)	SIGNED	4	CONSAFCT	- FCT CHAIN TO NEXT ACTION BUFFER
8	(8)	X'C'	0	CONSAPEN	"*-CONSACTN" Size of prefix area 12
12	(C)	BITSTRING	1	CONSAMSG	Start of message
12	(C)	X'148'	0	CONSAEND	"*"

Table 59. Structure CONSMESS

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	CONSMESS	
0	(0)	CHARACTER	1	CONSPRTY	- FIRST CHARACTER UNREFERENCED USED FOR INPUT PRIORITY
1	(1)	CHARACTER	1	CONLEVEL	- CONSOLE AUTHORITY LEVEL
2	(2)	CHARACTER	2	CONSRVD2	- Reserved for Development
4	(4)	CHARACTER	1	CONSIFLG	- BUFFER CONTROL FLAG
5	(5)	CHARACTER	1	CONSIFL2	- SECOND BUFFER CONTROL FLAG
6	(6)	CHARACTER	1	CONACTN	- INPUT VERB ACTION CODE
7	(7)	CHARACTER	1	CONSCAN	- POINTER TO LAST CHAR IN MSG SCANNED

Table 59. Structure CONSMESS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
8	(8)	CHARACTER	3	CONMAUTH	- MCS CONSOLE AUTHORITY LEVEL THESE THREE BYTES ARE MAPPED IN THE CONTROL BLOCK IEFSSCM BYTES SSCMAUTA ABD SSCMDISP
11	(B)	CHARACTER	4	CONSRVD1	- THIS STORAGE ADDED TO ALIGN PREAMBLE TO 16 BYTES
15	(F)	CHARACTER	1	CONCHRCT	- NUMBER OF CHARACTERS IN THE MESSAGE
CONCNDB IATYCNDB DSECT=NO Console Destination Block IATYCNDB_1:;					
16	(10)	SIGNED	4	CONCNDB(0)	IATYCNDB.27: based variable for storage mapping
16	(10)	SIGNED	4		Four byte console id 0176
20	(14)	CHARACTER	4		IATYCNDB eyecatcher
24	(18)	ADDRESS	4		IATYCNDB version
28	(1C)	BITSTRING	8		Reserved for development
36	(24)	BITSTRING	8		Console Name 0176
44	(2C)	BITSTRING	24		Reserved for development
68	(44)	SIGNED	2		Reserved for development
70	(46)	BITSTRING	40		Reserved for development
70	(46)	X'6E'	0	CONPRELN	"*-CONSMESS" INPUT PREAMBLE LENGTH
110	(6E)	CHARACTER	126	CONMESSG	TEXT OF INPUT MESSAGE
110	(6E)	X'EC'	0	CONMSGEN	"*" END OF COMMAND TEXT
236	(EC)	CHARACTER	1	CONTOKEN	SECURITY TOKEN
236	(EC)	X'13C'	0	CONSIEND	"*"
236	(EC)	X'13C'	0	CONMESSZ	"CONSIEND-CONSMESS" Size of CONMESS buffer
236	(EC)	X'148'	0	CONBUFSZ	"CONSAPEN+CONMESSZ" Total size of buffer
Flags for command buffer control byte CONSIFLG in CONSMESS DSECT					
		..1.		CNINTCOM	"X'20'" - SET TO INDICATE AN INTERCOM MESSAGE
		...1		CNMULT	"X'10'" - MULTIPLE OPERANDS (SCAN RTN
		.... ..1.		CNVALCHK	"X'02'" - SET TO BYPASS AUTHORITY CHECK
		1		CNCMDTR	"X'01'" - Bypass command text translation
Flags for command buffer control byte CONSAFLG in CONSACTN DSECT					
		1...		CNFCTDEQ	"X'80'" - BUFFER TO BE DEQUEUED FROM THE ACTION CHAIN
Flags for command buffer control byte CONSIFL2 in CONSACTN DSECT					
		.1..		CNBLEOD	"X'40'" - BLANK IS EOD (SCAN RTN)
		..1.		CNCOMMA	"X'20'" - DELIM IS COMMA (SCAN RTN)
		...1		CNUNKCMD	"X'10'" - UNKNOWN COMMAND

Table 59. Structure CONSMESS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		MISCELLANEOUS CONSTANTS AND EQUATES RELATED TO CELL POOLS USED BY CONSOLES AND CONSOLE SERVICE			
236	(EC)	X'14'	0	CONSPOOL	"20" SUBPOOL ID FOR CELL POOL STORAGE

Table 60. Cross Reference for IATYCNS

Name	Offset	Hex Tag
CNBLEOD	EC	40
CNCALL	0	41
CNCANCEL	0	3
CNCMDTR	EC	1
CNCOMMA	EC	20
CNDUMP	0	E1
CNFAIL	0	11
CNFCTDEQ	EC	80
CNFREE	0	21
CNINQUIR	0	43
CNINTCOM	EC	20
CNMESSAG	0	A1
CNMODIFY	0	44
CNMULT	EC	10
CNRESTRT	0	2
CNRETURN	0	E2
CNSEND	0	5
CNSTART	0	1
CNSWITCH	0	C1
CNTRACE	0	D1
CNUNKCMD	EC	10
CNVALCHK	EC	2
CNVARY	0	42
CONACTN	6	
CONBUFSZ	EC	148
CONCHRCT	F	
CONCNDB	10	
CONLEVEL	1	
CONMAUTH	8	
CONMESSG	6E	
CONMESSZ	EC	13C
CONMSGEN	6E	EC
CONPRELN	46	6E
CONSACHN	0	
CONSACTN	0	
CONSAEND	C	148
CONSAFCT	8	
CONSAFLG	4	

Table 60. Cross Reference for IATYCNS (continued)

Name	Offset	Hex Tag
CONSAMSG	C	
CONSAPEN	8	C
CONSCAN	7	
CONSIEND	EC	13C
CONSIFLG	4	
CONSIFL2	5	
CONSMESS	0	
CONSPOOL	EC	14
CONSPRTY	0	
CONSRVD1	B	
CONSRVD2	2	
CONTOKEN	EC	

IATYCOW information

IATYCOW programming interface information

IATYCOW is a programming interface.

IATYCOW heading information

Common name: SYSOUT Application Programming Interface (SAPI) Client Output Work Area (COW)

Macro ID: IATYCOW

DSECT name: COWSTART, COWPREFX

Owning component: JES3 (SC1BA)

Eye-catcher ID: COW (for COWSTART), COWP (for COWPREFX)
Offset: 2 (for COWSTART), 0 (for COWPREFX)
Length: 4

Storage attributes: Subpool: 230
Key: 1 *09160SYC
Residency: ANY

Size: 1392 Bytes (COWSTART), 16 bytes (COWPREFX)

Created by: IATSISO

Pointed to by: for COWPREFX: MEMCOWBN (in IATYMEM)
COWPNEXT (in IATYCOW)
COWPPREV (in IATYCOW)
for COWSTART: SSS2JEST (in IAZSSS2)
COWNEXT (in IATYCOW)
COWPREV (in IATYCOW)
SDWCOW (in IATYSDW)
TSWKCOWA (in IATYTSWK)

Serialization: Local lock is required to manipulate COWPREFX chain

Function: COWSTART maps the portion of the staging area used to communicate JES3 specific data when processing a SYSOUT dataset via the SYSOUT Application Programming Programming Interface (SSI 79).
COWPREFX maps the structure used to chain the COWSTART areas in a linked list.

IATYCOW mapping

Table 61. Structure COWSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	COWSTART	DSECT start of COW data area
0	(0)	SIGNED	2	COWREQLN	Length of staging area request/reply area
0	(0)	X'0'	0	COWREQST	"COWREQLN" Request/Reply area
0	(0)	X'5E'	0	SACOWPTR	"STADATA" Pointer in the staging area to the COW
2	(2)	CHARACTER	4	COWID	Work area identifier
6	(6)	ADDRESS	1	COWVER	COW version
6	(6)	X'1'	0	COWIVER	"1" Initial version number
6	(6)	X'2'	0	COWCTVER	"2" Version number supporting CTOKENs
6	(6)	X'3'	0	COWTFVER	"3" Version number supporting transaction filtering
6	(6)	X'3'	0	COWCVER	"COWTFVER" Current version number
7	(7)	BITSTRING	1	COWKEY	Application's PSW key 09160SYC
8	(8)	ADDRESS	4	COWNEXT	COW next chain pointer
12	(C)	ADDRESS	4	COWPREV	COW previous chain pointer
		Application related information. This information is set by IATSISO when an IEFSSREQ request is issued from an application thread. NOTE: Field COWTRDCT MUST follow field COWAPJBI!			
16	(10)	CHARACTER	8	COWAPJBN	Application's job name
24	(18)	CHARACTER	8	COWCKPID(0)	SAPI thread checkpoint id 0025
24	(18)	SIGNED	4	COWAPJBI	Application's job number
28	(1C)	SIGNED	4	COWTRDCT	Application's thread count
32	(20)	SIGNED	4	COWAASCB	Application ASCB address
36	(24)	SIGNED	4	COWAPTCB	Appl thread TCB address
40	(28)	BITSTRING	16	COWTCBTK	Appl thread TCB token
56	(38)	SIGNED	4	COWAPSTT(2)	Appl thread start time (STCK at time of first IEFSSREQ request)
64	(40)	SIGNED	4	COWAPRQT(2)	Appl thread request time (STCK of last IATSISO SSISERV)
72	(48)	BITSTRING	8	COWPRIV	Appl information copied from SSS2PRIV prior to SSISERV processing; Appl info copied to SSS2PRIV prior to returning to the thread (Appl may have changed it on global)
80	(50)	SIGNED	4	COWSLJBI	Job number of job being selected in SSS2 (could be single value or low range)
84	(54)	SIGNED	4	COWSHJBI	Job number of job being selected in SSS2 (high range)
88	(58)	CHARACTER	8	COWSDST	Selection destination
96	(60)	CHARACTER	8	COWS2DST	Selection sec destination
104	(68)	CHARACTER	8	COWUDST	Update destination
112	(70)	CHARACTER	8	COWU2DST	Update sec destination
112	(70)	X'20'	0	COWDSTSZ	"*-COWSDST" Destination info area size
		This line deleted by APAR OW24160			

Table 61. Structure COWSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
120	(78)	ADDRESS	4	COWCSBTA	CSBT address for the OSE buffer read
124	(7C)	SIGNED	4	COWLEN	Length of this COW
128	(80)	SIGNED	4	COWRSVD2	Reserved for development
132	(84)	SIGNED	2	COWSEEDS	Number of DS checked by Get routine
134	(86)	SIGNED	2	COWSEEMK	Exclusion mask from the SEE address space and thread
136	(88)	ADDRESS	4	COWDSTOK	Address of returned dataset token. IATSISO only
		Dataset 'checkpoint' information. Also see COWDSCK2, the second dataset checkpoint information area. This information is set by IATOSSO when a dataset is being passed to the thread. It is used during dataset disposition processing which results from the subsequent IEFSSREQ request made by thread. During the subsequent IEFSSREQ request, it is also used as a starting point in the search for the next dataset to be processed by the thread.			
140	(8C)	SIGNED	4	COWDSCK1(0)	Start of data set ckpt
140	(8C)	SIGNED	4	COWCKJBI	Checkpointed job number
144	(90)	BITSTRING	2	COWOSEBC	Compatible OSE sequence number- see COWOSEB4
146	(92)	BITSTRING	2	COWVOFST	OSE variable section offset
148	(94)	BITSTRING	2	COWDOFST	OSE dataset section offset
150	(96)	BITSTRING	12	COWOSEFB	OSE FDB save area
162	(A2)	SIGNED	2	COWOSEF2	Previous OSE buffer number- compatible with COWOSFBB
162	(A2)	X'18'	0	COWDCKSZ	"*-COWDSCK1" Dataset ckpt info area size
		Dataset allocation browse token This information is set by IATSISO. A pointer to this area is set in SSS2 field SSS2BTOK. The thread takes this address and places into the allocation text pointer for DALBRTKN. Module IATSIAD uses the token in field COWTKPTR (actual allocation field is BTOKIOTP) and compares it with the token in DSB field DSBSTKPT to ensure the correct dataset is being allocated by the thread.			
162	(A2)	X'A4'	0	COWBTOK	"*"
164	(A4)	BITSTRING	2	COWBRTKN	DALBRTKN subsystem text unit
166	(A6)	BITSTRING	2	COWTKENT	Number of entries
168	(A8)	BITSTRING	2	COWTKPL1	ID length
170	(AA)	CHARACTER	4	COWTKID	ID field
174	(AE)	BITSTRING	2	COWTKPL2	Version length
176	(B0)	BITSTRING	2	COWTKVER(0)	Version number
176	(B0)	BITSTRING	1	COWTKTYP	Control block type
176	(B0)	X'2'	0	COWTKSAP	"2" Block created by Sysout API
177	(B1)	BITSTRING	1	COWTKVRS	Version
177	(B1)	X'2'	0	COWTKRNM	"2" Version OS/390 Release 3
178	(B2)	BITSTRING	2	COWTKPL3	Spool token length
180	(B4)	BITSTRING	4	COWTKPTR	Spool token address Sysout API token if BTOKTYPE = BTOKSAPI
184	(B8)	BITSTRING	2	COWTKPL4	Job key length

Table 61. Structure COWSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
186	(BA)	BITSTRING	4		... placeholder ...
190	(BE)	BITSTRING	2	COWTKPL5	ASID length
192	(C0)	BITSTRING	2		... placeholder ...
194	(C2)	BITSTRING	2	COWTKPL6	Network receiver id length
196	(C4)	BITSTRING	8		... placeholder ...
204	(CC)	BITSTRING	2	COWTKPL7	Log string parameter
206	(CE)	BITSTRING	2		... placeholder ...
208	(D0)	BITSTRING	1	COWFLAG1	Flag byte
		Definition of COWFLAG1			
		1...		COWJIRNG	"X'80'" Selection by job id range
		.1..		COWJNWLD	"X'40'" Sel by wildcard in job name
		..1.		COWASWQE	"X'20'" SSISERV TYPE=REPLY issued ..add entry on SAPI wait q
		...1		COWPURSA	"X'10'" Task abnormally terminating ..purge SA after cleanup
		.... 1...		COWSSDST	"X'08'" Selection by sec dest
		.... .1..		COWUSUSR	"X'04'" Update to include userid
		.... ..1.		COWDSUSR	"X'02'" Default (blank) userid update
		1		COWBKIO	"X'01'" IATXBKIO ACCESS activated for block spooler
209	(D1)	BITSTRING	1	COWFLAGA	Application related flag
		Definition of COWFLAGA			
		1...		COWNETSV	"X'80'" Netserv Application
		.1..		COWSRON	"X'40'" Last data set obtained with SAF READ access
		..1.		COWSENT	"X'20'" SSISERV TYPE=WAIT issued
		...1		COWJIWLD	"X'10'" Sel by wildcard in job ID 11714S6C
		.... 1...		COWNJID	"X'08'" Numeric in job ID 11714S6C
		.... .1..		COWDIFJI	"X'04'" Matched different job ID 11714S6C
		.... ..1.		COWFLA02	"X'02'" Reserved for IBM
		1		COWFLA01	"X'01'" Reserved for IBM
210	(D2)	BITSTRING	2	COWRSVD4	Reserved for IBM
		Dataset 'checkpoint' information, part 2 This is a continuation of COWDSCK1, the data set checkpoint information area.			
212	(D4)	SIGNED	4	COWDSCK2(0)	Start of 2nd data set ckpt
212	(D4)	SIGNED	4	COWOSEB4	OSE buffer number - used with COWVOFST and COWDOFST to identify the checkpointed OSE
216	(D8)	SIGNED	4	COWOSFBB	Previous OSE buffer number - used with COWOSEFB for recovery purposes
216	(D8)	X'8'	0	COWDCKS2	"*-COWDSCK2" Dataset ckpt info area size
220	(DC)	SIGNED	4	COWRSVD5(4)	Reserved for IBM
236	(EC)	BITSTRING	8	COWPSOTM	SAPI writer start time SDWPSOTM

Table 61. Structure COWSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
244	(F4)	SIGNED	4	COWRSVDB	Reserved for IBM 4#
248	(F8)	SIGNED	4	COWRSVU1(2)	Reserved for user
		Data Areas Used By SWB Routine in IATSISO.			
256	(100)	SIGNED	4	COWSWBST	Size of permanent storage used for SWB processing
260	(104)	ADDRESS	4	COWBUFAD	Spool Buffer Address
264	(108)	ADDRESS	4	COWAUXAD	Aux Spool Buffer Address
268	(10C)	ADDRESS	4	COWKMERT	A(MERGE TU key list)
272	(110)	ADDRESS	4	COWKERAT	A(ERASE TU key list)
276	(114)	ADDRESS	4	COWADMPT	A(SJF SWBTU_MERGE) plist
280	(118)	ADDRESS	4	COWADPPT	A(SJF PUTSWB) plist
284	(11C)	ADDRESS	4	COWADDPT	A(SJF DELETESWB) plist
288	(120)	ADDRESS	4	COWGDBK	A(Block Spooler Parm List)
292	(124)	ADDRESS	4	COWADMKT	Single SWBTU_MERGE Pointer List
		The following fields contain the job level accounting information from the JOB card associated with each dataset in the job.			
296	(128)	BITSTRING	1	COWACCNT	Number of acct fields
297	(129)	BITSTRING	143	COWACTXT	Job card accounting fields
		Internal trace to provide footprints of SAPI processing.			
440	(1B8)	BITSTRING	248	COWTRACE	Internal trace
440	(1B8)	X'1'	0	COWE0000	"01" Trace element
440	(1B8)	X'2'	0	COWE0010	"02" Trace element
440	(1B8)	X'A'	0	COWE0100	"10" Trace element
440	(1B8)	X'C'	0	COWE0120	"12" Trace element
440	(1B8)	X'D'	0	COWE0130	"13" Trace element
440	(1B8)	X'10'	0	COWE0160	"16" Trace element
440	(1B8)	X'11'	0	COWE0170	"17" Trace element
440	(1B8)	X'12'	0	COWE0180	"18" Trace element
440	(1B8)	X'14'	0	COWE0200	"20" Trace element
440	(1B8)	X'15'	0	COWE0210	"21" Trace element
440	(1B8)	X'16'	0	COWE0220	"22" Trace element
440	(1B8)	X'17'	0	COWE0230	"23" Trace element
440	(1B8)	X'18'	0	COWE0240	"24" Trace element
440	(1B8)	X'19'	0	COWE0250	"25" Trace element
440	(1B8)	X'1E'	0	COWE0300	"30" Trace element
440	(1B8)	X'1F'	0	COWE0310	"31" Trace element
440	(1B8)	X'20'	0	COWE0320	"32" Trace element
440	(1B8)	X'24'	0	COWE0360	"36" Trace element
440	(1B8)	X'28'	0	COWE0400	"40" Trace element
440	(1B8)	X'29'	0	COWE0410	"41" Trace element
440	(1B8)	X'2A'	0	COWE0420	"42" Trace element
440	(1B8)	X'2C'	0	COWE0440	"44" Trace element

Table 61. Structure COWSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
440	(1B8)	X'2D'	0	COWE0450	"45" Trace element
440	(1B8)	X'32'	0	COWE0500	"50" Trace element
440	(1B8)	X'34'	0	COWE0520	"52" Trace element
440	(1B8)	X'35'	0	COWE0530	"53" Trace element
440	(1B8)	X'3C'	0	COWE0600	"60" Trace element
440	(1B8)	X'3D'	0	COWE0610	"61" Trace element
440	(1B8)	X'46'	0	COWE0700	"70" Trace element
440	(1B8)	X'47'	0	COWE0710	"71" Trace element
440	(1B8)	X'48'	0	COWE0720	"72" Trace element
440	(1B8)	X'49'	0	COWE0730	"73" Trace element
440	(1B8)	X'5A'	0	COWE0900	"90" Trace element
440	(1B8)	X'62'	0	COWE0980	"98" Trace element
440	(1B8)	X'63'	0	COWE0990	"99" Trace element
440	(1B8)	X'64'	0	COWG0000	"100" Trace element
440	(1B8)	X'65'	0	COWG0010	"101" Trace element
440	(1B8)	X'66'	0	COWG0020	"102" Trace element
440	(1B8)	X'6E'	0	COWG0100	"110" Trace element
440	(1B8)	X'73'	0	COWG0200	"115" Trace element
440	(1B8)	X'78'	0	COWG0300	"120" Trace element
440	(1B8)	X'7D'	0	COWG0400	"125" Trace element
440	(1B8)	X'82'	0	COWJLVL1	"130" Trace element 03149SLC
440	(1B8)	X'83'	0	COWJLVL2	"131" Trace element 03149SLA
440	(1B8)	X'87'	0	COWJLV60	"135" Trace element
440	(1B8)	X'8C'	0	COWG0800	"140" Trace element
440	(1B8)	X'91'	0	COWG0900	"145" Trace element
440	(1B8)	X'96'	0	COWP0000	"150" Trace element
440	(1B8)	X'9F'	0	COWP0090	"159" Trace element
440	(1B8)	X'A0'	0	COWP0100	"160" Trace element
440	(1B8)	X'A2'	0	COWP0108	"162" Trace element
440	(1B8)	X'A5'	0	COWP0150	"165" Trace element
440	(1B8)	X'AA'	0	COWP0300	"170" Trace element
440	(1B8)	X'AF'	0	COWP0350	"175" Trace element
440	(1B8)	X'B0'	0	COWP0360	"176" Trace element
440	(1B8)	X'B4'	0	COWP0400	"180" Trace element
440	(1B8)	X'B7'	0	COWP0425	"183" Trace element
440	(1B8)	X'B9'	0	COWP0450	"185" Trace element
440	(1B8)	X'BE'	0	COWP0500	"190" Trace element
440	(1B8)	X'C3'	0	COWP0550	"195" Trace element
440	(1B8)	X'C8'	0	COWP0600	"200" Trace element
440	(1B8)	X'CD'	0	COWP0650	"205" Trace element
440	(1B8)	X'D2'	0	COWP0700	"210" Trace element
440	(1B8)	X'D7'	0	COWP0800	"215" Trace element
440	(1B8)	X'D8'	0	COWP0810	"216" Trace element
440	(1B8)	X'DA'	0	COWP0830	"218" Trace element
440	(1B8)	X'DC'	0	COWP0900	"220" Trace element

Table 61. Structure COWSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
440	(1B8)	X'DD'	0	COWP0910	"221" Trace element
440	(1B8)	X'DE'	0	COWP0920	"222" Trace element
440	(1B8)	X'DF'	0	COWP0930	"223" Trace element
440	(1B8)	X'E0'	0	COWP0940	"224" Trace element
440	(1B8)	X'E4'	0	COWOSORP	"228" Trace element 03149SLA
440	(1B8)	X'E6'	0	COWM0000	"230" Trace element
440	(1B8)	X'E8'	0	COWM0220	"232" Trace element
440	(1B8)	X'EA'	0	COWM0224	"234" Trace element
440	(1B8)	X'EB'	0	COWC0000	"235" Trace element
440	(1B8)	X'F0'	0	COWR0000	"240" Trace element
440	(1B8)	X'F5'	0	COWN0000	"245" Trace element
440	(1B8)	X'F6'	0	COWN0100	"246" Trace element
440	(1B8)	X'F7'	0	COWN0200	"247" Trace element
440	(1B8)	X'F8'	0	COWN0300	"248" Trace element
440	(1B8)	X'F9'	0	COWN0400	"249" Trace element
440	(1B8)	X'FA'	0	COWJSTAE	"250" Trace element
440	(1B8)	X'FB'	0	COWRQ000	"251" Trace element 0038
440	(1B8)	X'FF'	0	COWJRTRY	"255" Trace element
440	(1B8)	X'2B0'	0	COWCKSIZ	"*-COWSTART" Size of COW checkpoint section
END OF CHECKPOINT SECTION. Additional dataset information returned from IATOSSO when a dataset is being returned to the application.					
688	(2B0)	BITSTRING	1	COWDSINF(0)	Start of ds info section
688	(2B0)	BITSTRING	6	COWJDSFB	JDS spool address save area
694	(2B6)	BITSTRING	6	COWOTSWB	OUTPUT SWB spool address
700	(2BC)	CHARACTER	4	COWUCSID	Dataset UCS id
704	(2C0)	CHARACTER	4	COWFCBID	Dataset FCB id
708	(2C4)	SIGNED	2	COWCKPL	Max lines in a logical page
710	(2C6)	SIGNED	2	COWCKPP	Max pages before next ckpt
712	(2C8)	SIGNED	2	COWCKPS	Max seconds between ckpts
714	(2CA)	SIGNED	2	COWRSVS4	Reserved for service
716	(2CC)	CHARACTER	8	COWCTABN	Compaction table name
724	(2D4)	SIGNED	4	COWMRECD	Maximum record count
728	(2D8)	BITSTRING	4	COWFFDBV	OSE FDB validity value
732	(2DC)	BITSTRING	80	COWTOKEN	Security token Inbound-caller's UTOKEN Outbound-returned data set's RTOKEN
812	(32C)	BITSTRING	1	COWCCNTL	Carriage control information
813	(32D)	BITSTRING	1	COWFLAG2	Flag Byte
Definition of COWFLAG2					
		1...		COWSPC1	"X'80'" Single space output
		.1..		COWSPC2	"X'40'" Double space output
		..1.		COWOVFL	"X'20'" Overflow on CH. 12
		...1		COWOPCDJ	"X'10'" OPTCD=J was specified

Table 61. Structure COWSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		COWVCKPL	"X'08'" Ckpt lines is valid
		.... .1..		COWVCKPP	"X'04'" Ckpt pages is valid
		.... ..1.		COWVCKSC	"X'02'" Ckpt secs is valid
		1		COWVCTAB	"X'01'" Compact table is valid
814	(32E)	BITSTRING	1	COWFLAG3	Flag Byte
		Definition of COWFLAG3			
		1...		COWCPOSE	"X'80'" Checkpoint OSE FDB used
		.1..		COWSEETD	"X'40'" Thread level SEE is to be created by IATXSEE
		..1.		COWSEEAS	"X'20'" Address space level SEE to be created by IATXSEE
		...1		COWSEEAD	"X'10'" COWSEEMK is valid
		.... 1...		COWTDSEE	"X'08'" Delete SEES for this thread
		.... .1..		COWOSSRJ	"X'04'" IATOSOR SAPISCHD selection 0025 mismatch due to non-MOSE 0025 attribute; get next OSS 0025
		.... ..1.		COWNEWOS	"X'02'" Create SEE for new OSE
		1		COWNSELS	"X'01'" Output is not selectable by this caller (SAPISCHD)
815	(32F)	BITSTRING	1	COWRSVD6	Reserved for development
816	(330)	ADDRESS	4	COWPENSA	Pending staging area pointer
820	(334)	ADDRESS	4	COWSAPTR	Pointer to staging area (valid on global only)
824	(338)	SIGNED	4	COWTOD	Dataset TOD value
828	(33C)	SIGNED	4	COWOSS	OSS address used in IATOSOR 0025 SAPISCHD routine 0025
832	(340)	SIGNED	4	COWSVJBI	Saved job id 06911SUA
836	(344)	SIGNED	4	COWSVOB4	Saved OSE buffer number
840	(348)	SIGNED	2	COWSVVOF	Saved OSE variable offset 06911SUA
842	(34A)	SIGNED	2	COWSVDOF	Saved OSE data set offset 06911SUA
844	(34C)	SIGNED	4	COWRSVD7	Reserved for development 06911SUC
848	(350)	SIGNED	4	COWRSVS5(3)	Reserved for service
860	(35C)	SIGNED	4	COWRSVU2(2)	Reserved for user
868	(364)	BITSTRING	1	COWFLAG4	Flag byte
		Definition of COWFLAG4			
		1...		COWFIRRQ	"X'80'" First thread request
		.1..		COWSAPRO	"X'40'" S.A. being processed
		..1.		COWSAPEN	"X'20'" S.A. on pending SDA chain
		...1		COWAPTRM	"X'10'" Application associated w/this COW is terminating
		.... 1...		COWMOSE	"X'08'" MOSE being used in SAPISCHD selection routine
		.... .1..		COWUOST	"X'04'" Use OST in selecting SYSOUT 0023
		.... ..1.		COWCLNIP	"X'02'" Cleanup has begun for application terminating
		1		COWDXECL	"X'01'" Show this is a request for exclusion cleanup

Table 61. Structure COWSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
869	(365)	BITSTRING	1	COWFLAG5	Yet another flag byte
		Definition of COWFLAG5			
		1...		COWNSFND	"X'80'" Non-selectable output found
		.1..		COWNSELO	"X'40'" Output is not selectable by this caller (IATOSSO)
		..1.		COWNSELJ	"X'20'" Output is not selectable by this caller (OSSOS000)
		...1		COWNSFNJ	"X'10'" Non-selectable output found in OSSOS000
		.... 1...		COWRPRI	"X'08'" One or more data sets priority changed
		.... .1..		COWJIBIN	"X'04'" Job ID filtering with binary versions
		.... ..1.		COWFL502	"X'02'" Reserved bit
		1		COWFL501	"X'01'" Reserved bit
870	(366)	BITSTRING	1	COWFLAG6	Flag byte 6
		Definition of COWFLAG6 Flag used by the TCP/IP application NETSERV			
		1...		COWJH	"X'80'" Job header
		.1..		COWDSH	"X'40'" Dataset header
		..1.		COWDS	"X'20'" Sysout dataset
		...1		COWJT	"X'10'" Job trailer
		.... 1...		COWFL608	"X'08'" Reserved for IBM
		.... .1..		COWFL604	"X'04'" Reserved for IBM
		.... ..1.		COWFL602	"X'02'" Reserved for IBM
		1		COWFL601	"X'01'" Reserved for IBM
871	(367)	BITSTRING	1	COWFLAG7	Flag byte 7 06911SUC
		---------- 06911SUA Definition of COWFLAG7 06911SUA Flag byte used for residual staging area info 06911SUA ---------- 06911SUA			
		1...		COWRSDL	"X'80'" Residual staging area 06911SUA
		.1..		COWRSNT	"X'40'" Resent staging area 06911SUA
		..1.		COWDSDEL	"X'20'" Data set was deleted (PUT) 06911SUA
		...1		COWPTCMP	"X'10'" PUT processing complete 06911SUA
		.... 1...		COWCKUPD	"X'08'" Checkpoint info updated 06911SUA
		.... .1..		COWSCHED	"X'04'" OSE scheduled for GET 06911SUA
		.... ..1.		COWAUTHU	"X'02'" Authorized caller
		1		COWFL701	"X'01'" Reserved for IBM 06911SUA
872	(368)	SIGNED	4	COWCLPTR	SSS2CLSL pointer
876	(36C)	SIGNED	4	COWSAVEA(18)	Register Save area for SAPISCHD rtn (IATOSOR), SJF routine (IATSIAD).
948	(3B4)	ADDRESS	4	COWRETAD	Return address save area for SAPISCHD rtn (IATOSOR)

Table 61. Structure COWSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
Data Areas Used By SWB Routine in IATSISO.					
952	(3B8)	SIGNED	4	COWSBR13	Save area for R13 during SWB unallocation
956	(3BC)	SIGNED	4	COWUSPLN	Size of base ptr list
960	(3C0)	ADDRESS	4	COWDATCC	Address of DATCC or 0
964	(3C4)	ADDRESS	4	COWUPPTR	Address of start of SWBP extents
968	(3C8)	ADDRESS	4	COWUSWBP	Address of the base SWB ptr list read from spool for SWBTU_MERGE processing
972	(3CC)	ADDRESS	4	COWSWBC	Address of OUTPUT SWB chain anchor for PUTSWB call
976	(3D0)	ADDRESS	4	COWSWBMA	Address of Buffer to hold returned, merged, SWB TU list
980	(3D4)	SIGNED	2	COWBUFLN	Length of logical spool rcd
982	(3D6)	SIGNED	2	COWUSBSZ	Accumulated despooled SWBTU size
984	(3D8)	SIGNED	2	COWUSWBN	Number of SWB pointers in COWUSWBP list
986	(3DA)	SIGNED	2	COWMDTLN	Size of data portion of MERGED TU list
988	(3DC)	SIGNED	2	COWSWBMS	Size of merged TU list
990	(3DE)	SIGNED	2	COWERTLN	Size of erase TU list
992	(3E0)	SIGNED	2	COWUMSBZ	Size of Buffer to hold returned, merged, SWB TU list - returned by SJF
994	(3E2)	SIGNED	2	COWRSVDA	Reserved for development
994	(3E2)	X'3E4'	0	COWDSSIZ	"*-COWSTART" Size of COW checkpoint + dataset section
The following ASAXWC related fields are used in the IATOSOR SAPISCHD routine, invoked from IATOSSC or IATOSSO. ASAXWC list form MACDATE -12/21/18-<0>					
0	(0)	X'3E8'	0	M00M0002	"WCLIST" ++ ASAXWC NAME
1000	(3E8)	DBL WORD	8	WCLIST(0)	++ ASAXWC PARM LIST
1000	(3E8)	CHARACTER	4	WCLIST_XPARMAREA1	++ FIELD_LABEL
1004	(3EC)	CHARACTER	24	WCLIST_XPARMAREA2	++ FIELD_LABEL
1004	(3EC)	X'404'	0	WCLIST_PL_END	"*" ++ END OF BASE PLIST
1000	(3E8)	ADDRESS	4	WCLIST_XPATTERNSTR_ADDR	++ ADDR
1004	(3EC)	SIGNED	4	WCLIST_XPATTERNSTRLEN	++
1008	(3F0)	ADDRESS	4	WCLIST_XSTRING_ADDR	++ ADDR
1012	(3F4)	SIGNED	4	WCLIST_XSTRINGLEN	++
1016	(3F8)	ADDRESS	4	WCLIST_XZEROORMORE_ADDR	++ ADDR
1020	(3FC)	ADDRESS	4	WCLIST_XONECHAR_ADDR	++ ADDR
1024	(400)	ADDRESS	4	WCLIST_XDELIMITER_ADDR	++ ADDR
1000	(3E8)	ADDRESS	4	WCLIST_XPPPATTERNINFO_ADDR	++ ADDR
1004	(3EC)	ADDRESS	4	WCLIST_XPPPATTERNSTR_ADDR	++ ADDR
1008	(3F0)	SIGNED	4	WCLIST_XPPPATTERNSTRLEN	++
1012	(3F4)	ADDRESS	4	WCLIST_XPPZEROORMORE_ADDR	++ ADDR
1016	(3F8)	ADDRESS	4	WCLIST_XPPONECHAR_ADDR	++ ADDR
1020	(3FC)	ADDRESS	4	WCLIST_XPPDELIMITER_ADDR	++ ADDR

Table 61. Structure COWSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1004	(3EC)	ADDRESS	4	WCLIST_XPPSTRING_ADDR	++ ADDR
1008	(3F0)	SIGNED	4	WCLIST_XPPSTRINGLEN	++
1028	(404)	X'1C'	0	WCLISTL	"*-WCLIST" ++ LENGTH OF PLIST
				ASAXWC-0	
ASAXWC related fields.					
1028	(404)	SIGNED	4	WCMXPRML	Length of max JES3 char length
1032	(408)	SIGNED	4	WCJ3PRMA	Address of JES3 field
1036	(40C)	SIGNED	4	WCJ3PRML	Length of JES3 characters
1040	(410)	SIGNED	4	WCS2PRMA	Address of SSS2 field
1044	(414)	SIGNED	4	WCS2PRML	Length of SSS2 characters
1048	(418)	SIGNED	4	WCRETCD	ASAXWC return code
1052	(41C)	CHARACTER	1	ONECHAR	Single character identifier
1053	(41D)	CHARACTER	1	ZRORMOR	Multiple char identifier
1054	(41E)	BITSTRING	256	WCWORK	ASAXWC work area
1310	(51E)	BITSTRING	2	COWRSVD9	Reserved for development
1312	(520)	BITSTRING	1	COWSSOB_V1(0)	Start of the SSOB sent in staging area from a local with a version 1 COW
1312	(520)	BITSTRING	80	COWCTOKN	CTOKEN for requested dataset
1392	(570)	BITSTRING	1	COWSSOB_V2(0)	Start of the SSOB sent in staging area from a local with a version 2 COW
END OF COW SECTION FOR SAPI STAGING AREA PROCESSING.					
1392	(570)	X'2C0'	0	COWCOMSZ	"*-COWDSINF" Size of non-ckpt area used in clearing of this area for new GET request
1392	(570)	DBL WORD	8	COWEND(0)	End of COW data area
1392	(570)	BITSTRING	0	COWSIZE(0)	Size of COW area
1392	(570)	BITSTRING	1	COWSSOB(0)	Start of the SSOB sent in staging area

Table 62. Structure COWPREFX

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	COWPREFX	
0	(0)	CHARACTER	4	COWPID	COW prefix eyecatcher
4	(4)	ADDRESS	4	COWPNEXT	Pointer to next COW prefix on MEM chain
8	(8)	ADDRESS	4	COWPPREV	Pointer to previous COW prefix on MEM chain
12	(C)	SIGNED	4	COWPRSV1	Reserved for IBM
16	(10)	DBL WORD	8	COWPEND(0)	End of COW prefix area
16	(10)	BITSTRING	1	COWPSIZE(0)	Size of COW prefix area

Table 63. Cross Reference for IATYCOW

Name	Offset	Hex Tag
COWAASCB	20	0
COWACCNT	128	0

Table 63. Cross Reference for IATYCOW (continued)

Name	Offset	Hex Tag
COWACTXT	129	0
COWADDPT	11C	
COWADMKT	124	
COWADMPT	114	
COWADPPT	118	
COWAPJBI	18	0
COWAPJBN	10	40404040
COWAPRQT	40	0
COWAPSTT	38	0
COWAPTCB	24	0
COWAPTRM	364	10
COWASWQE	D0	20
COWAUTHU	367	2
COWAUXAD	108	
COWBKIO	D0	1
COWBRTKN	A4	6E
COWBTOK	A2	A4
COWBUFAD	104	
COWBUFLN	3D4	0
COWCCNTL	32C	0
COWCKJBI	8C	0
COWCKPID	18	
COWCKPL	2C4	0
COWCKPP	2C6	0
COWCKPS	2C8	0
COWCKSIZ	1B8	2B0
COWCKUPD	367	8
COWCLNIP	364	2
COWCLPTR	368	0
COWCOMSZ	570	2C0
COWCPOSE	32E	80
COWCSBTA	78	
COWCTABN	2CC	40404040
COWCTOKN	520	0
COWCTVER	6	2
COWCVER	6	3
COWC0000	1B8	EB
COWDATCC	3C0	
COWDCKSZ	A2	18
COWDCKS2	D8	8
COWDIFJI	D1	4
COWDOFST	94	0
COWDS	366	20
COWDSCK1	8C	
COWDSCK2	D4	
COWDSDEL	367	20

Table 63. Cross Reference for IATYCOW (continued)

Name	Offset	Hex Tag
COWDSH	366	40
COWDSINF	2B0	
COWDSSIZ	3E2	3E4
COWDSTOK	88	
COWDSTSZ	70	20
COWDSUSR	D0	2
COWDXECL	364	1
COWEND	570	
COWERTLN	3DE	0
COWE0000	1B8	1
COWE0010	1B8	2
COWE0100	1B8	A
COWE0120	1B8	C
COWE0130	1B8	D
COWE0160	1B8	10
COWE0170	1B8	11
COWE0180	1B8	12
COWE0200	1B8	14
COWE0210	1B8	15
COWE0220	1B8	16
COWE0230	1B8	17
COWE0240	1B8	18
COWE0250	1B8	19
COWE0300	1B8	1E
COWE0310	1B8	1F
COWE0320	1B8	20
COWE0360	1B8	24
COWE0400	1B8	28
COWE0410	1B8	29
COWE0420	1B8	2A
COWE0440	1B8	2C
COWE0450	1B8	2D
COWE0500	1B8	32
COWE0520	1B8	34
COWE0530	1B8	35
COWE0600	1B8	3C
COWE0610	1B8	3D
COWE0700	1B8	46
COWE0710	1B8	47
COWE0720	1B8	48
COWE0730	1B8	49
COWE0900	1B8	5A
COWE0980	1B8	62
COWE0990	1B8	63
COWFCBID	2C0	40404040
COWFFDBV	2D8	0

Table 63. Cross Reference for IATYCOW (continued)

Name	Offset	Hex Tag
COWFIRRQ	364	80
COWFLAGA	D1	0
COWFLAG1	D0	0
COWFLAG2	32D	0
COWFLAG3	32E	0
COWFLAG4	364	0
COWFLAG5	365	0
COWFLAG6	366	0
COWFLAG7	367	0
COWFLA01	D1	1
COWFLA02	D1	2
COWFL501	365	1
COWFL502	365	2
COWFL601	366	1
COWFL602	366	2
COWFL604	366	4
COWFL608	366	8
COWFL701	367	1
COWGDBK	120	
COWG0000	1B8	64
COWG0010	1B8	65
COWG0020	1B8	66
COWG0100	1B8	6E
COWG0200	1B8	73
COWG0300	1B8	78
COWG0400	1B8	7D
COWG0800	1B8	8C
COWG0900	1B8	91
COWID	2	C3D6E640
COWIVER	6	1
COWJDSFB	2B0	0
COWJH	366	80
COWJIBIN	365	4
COWJIRNG	D0	80
COWJIWLD	D1	10
COWJLVL1	1B8	82
COWJLVL2	1B8	83
COWJLV60	1B8	87
COWJNWLD	D0	40
COWJRTRY	1B8	FF
COWJSTAE	1B8	FA
COWJT	366	10
COWKERAT	110	
COWKEY	7	0
COWKMERT	10C	
COWLEN	7C	0

Table 63. Cross Reference for IATYCOW (continued)

Name	Offset	Hex Tag
COWMDTLN	3DA	0
COWMOSE	364	8
COWMRECD	2D4	0
COWM0000	1B8	E6
COWM0220	1B8	E8
COWM0224	1B8	EA
COWNETSV	D1	80
COWNEWOS	32E	2
COWNEXT	8	
COWNJID	D1	8
COWNSELJ	365	20
COWNSELO	365	40
COWNSELS	32E	1
COWNSFND	365	80
COWNSFNJ	365	10
COWN0000	1B8	F5
COWN0100	1B8	F6
COWN0200	1B8	F7
COWN0300	1B8	F8
COWN0400	1B8	F9
COWOPCDJ	32D	10
COWOSEBC	90	0
COWOSEB4	D4	0
COWOSEFB	96	
COWOSEF2	A2	0
COWOSFBB	D8	0
COWOSORP	1B8	E4
COWOSS	33C	0
COWOSSRJ	32E	4
COWOTSWB	2B6	0
COWOVFL	32D	20
COWPEND	10	
COWPENSA	330	
COWPID	0	C3D6E6D7
COWPNEXT	4	
COWPPREV	8	
COWPREFX	0	
COWPREV	C	
COWPRIV	48	0
COWPRSV1	C	
COWPSIZE	10	
COWPSOTM	EC	0
COWPTCMP	367	10
COWPURSA	D0	10
COWP0000	1B8	96
COWP0090	1B8	9F

Table 63. Cross Reference for IATYCOW (continued)

Name	Offset	Hex Tag
COWP0100	1B8	A0
COWP0108	1B8	A2
COWP0150	1B8	A5
COWP0300	1B8	AA
COWP0350	1B8	AF
COWP0360	1B8	B0
COWP0400	1B8	B4
COWP0425	1B8	B7
COWP0450	1B8	B9
COWP0500	1B8	BE
COWP0550	1B8	C3
COWP0600	1B8	C8
COWP0650	1B8	CD
COWP0700	1B8	D2
COWP0800	1B8	D7
COWP0810	1B8	D8
COWP0830	1B8	DA
COWP0900	1B8	DC
COWP0910	1B8	DD
COWP0920	1B8	DE
COWP0930	1B8	DF
COWP0940	1B8	E0
COWREQLN	0	
COWREQST	0	0
COWRETAD	3B4	
COWRPRI	365	8
COWRQ000	1B8	FB
COWRSDL	367	80
COWRSNT	367	40
COWRSVDA	3E2	0
COWRSVDB	F4	
COWRSVD2	80	0
COWRSVD4	D2	0
COWRSVD5	DC	0
COWRSVD6	32F	0
COWRSVD7	34C	0
COWRSVD9	51E	0
COWRSVS4	2CA	0
COWRSVS5	350	0
COWRSVU1	F8	0
COWRSVU2	35C	0
COWR0000	1B8	F0
COWSAPEN	364	20
COWSAPRO	364	40
COWSAPTR	334	
COWSAVEA	36C	0

Table 63. Cross Reference for IATYCOW (continued)

Name	Offset	Hex Tag
COWSBR13	3B8	0
COWSCHED	367	4
COWSDST	58	40404040
COWSEEAD	32E	10
COWSEEAS	32E	20
COWSEEDS	84	0
COWSEEMK	86	0
COWSEETD	32E	40
COWSENT	D1	20
COWSHJBI	54	0
COWSIZE	570	
COWSLJBI	50	0
COWSPC1	32D	80
COWSPC2	32D	40
COWSRON	D1	40
COWSSDST	D0	8
COWSSOB	570	
COWSSOB_V1	520	
COWSSOB_V2	570	
COWSTART	0	
COWSVDOF	34A	0
COWSVJBI	340	0
COWSVOB4	344	0
COWSVVOF	348	0
COWSWBC	3CC	
COWSWBMA	3D0	
COWSWBMS	3DC	0
COWSWBST	100	0
COWS2DST	60	40404040
COWTCBTK	28	0
COWTDSEE	32E	8
COWTFVER	6	3
COWTKENT	A6	7
COWTKID	AA	C2E3D6D2
COWTKPL1	A8	4
COWTKPL2	AE	2
COWTKPL3	B2	4
COWTKPL4	B8	4
COWTKPL5	BE	2
COWTKPL6	C2	8
COWTKPL7	CC	2
COWTKPTR	B4	0
COWTKRNM	B1	2
COWTKSAP	B0	2
COWTKTYP	B0	0
COWTKVER	B0	

Table 63. Cross Reference for IATYCOW (continued)

Name	Offset	Hex Tag
COWTKVRS	B1	0
COWTOD	338	0
COWTOKEN	2DC	
COWTRACE	1B8	0
COWTRDCT	1C	0
COWUCSID	2BC	40404040
COWUDST	68	40404040
COWUMSBZ	3E0	0
COWUOST	364	4
COWUPPTR	3C4	
COWUSBSZ	3D6	0
COWUSPLN	3BC	0
COWUSUSR	D0	4
COWUSWBN	3D8	0
COWUSWBP	3C8	
COWU2DST	70	40404040
COWVCKPL	32D	8
COWVCKPP	32D	4
COWVCKSC	32D	2
COWVCTAB	32D	1
COWVER	6	
COWVOFST	92	0
M00M0002	0	3E8
ONECHAR	41C	6F
SACOWPTR	0	5E
WCJ3PRMA	408	0
WCJ3PRML	40C	0
WCLIST	3E8	
WCLIST_PL_END	3EC	404
WCLIST_XDELIMITER_ADDR	400	
WCLIST_XONECHAR_ADDR	3FC	
WCLIST_XPARMAREA1	3E8	
WCLIST_XPARMAREA2	3EC	
WCLIST_XPATTERNSTR_ADDR	3E8	
WCLIST_XPATTERNSTRLEN	3EC	
WCLIST_XPPDELIMITER_ADDR	3FC	
WCLIST_XPPONECHAR_ADDR	3F8	
WCLIST_XPPPATTERNINFO_ADDR	3E8	
WCLIST_XPPPATTERNSTR_ADDR	3EC	
WCLIST_XPPPATTERNSTRLEN	3F0	
WCLIST_XPPSTRING_ADDR	3EC	
WCLIST_XPPSTRINGLEN	3F0	
WCLIST_XPPZEROORMORE_ADDR	3F4	
WCLIST_XSTRING_ADDR	3F0	
WCLIST_XSTRINGLEN	3F4	
WCLIST_XZEROORMORE_ADDR	3F8	

Table 63. Cross Reference for IATYCOW (continued)

Name	Offset	Hex Tag
WCLISTL	404	1C
WCMXPRML	404	0
WCRETCD	418	0
WCS2PRMA	410	0
WCS2PRML	414	0
WCWORK	41E	0
ZRORMOR	41D	5C

IATYCPB information

IATYCPB programming interface information

The following fields are **NOT** programming interface information:

- CPBCPAT
- CPBCPRT

IATYCPB heading information

Common name:	CELL POOL CONTROL BLOCK
Macro ID:	IATYCPB
DSECT name:	CPBSTART
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	CPB Offset: 0 Length: 4
Storage attributes:	Subpool: 0 Key: JES Key Residency: Any
Size:	148 Bytes
Created by:	AGETMAINED by IATGRQC
Pointed to by:	TVTCPBCH TVTCPBEN CPBCHAIN CPBPREV
Serialization:	NONE
Function:	Contains data needed to manage a Cell Pool.

IATYCPB mapping

Table 64. Structure CPBSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	CPBSTART	
0	(0)	SIGNED	4	CPBID	CPB ID
4	(4)	ADDRESS	4	CPBCHAIN	Next CPB on the CPB chain
8	(8)	ADDRESS	4	CPBPREV	Previous CPB in the CPB chn.
12	(C)	ADDRESS	4	CPBNXCPB	Next CPB for the same pool
16	(10)	CHARACTER	8	CPBCTLBK	Occupant's control block id
24	(18)	ADDRESS	4	CPBCPRT	CELL POOL PAGE RELEASE TABLE ADDRESS
28	(1C)	ADDRESS	4	CPBCPAT	CELL POOL ALLOCATION TABLE ADDRESS

Table 64. Structure CPBSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
32	(20)	ADDRESS	8	CPBLOWAD	Low cell pool address
32	(20)	X'24'	0	CPBLOW31	"CPBLOWAD+4,4" 31-bit equivalent
40	(28)	ADDRESS	8	CPBFREEA	Address of 1st reserved cell if THE PRIMARY EXTENT. IF THERE ARE NO RESERVED CELLS, OR THIS IS A SECONDARY EXTENT, THIS IS SET TO THE END OF THE EXTENT.
48	(30)	ADDRESS	8	CPBHIADD	High cell pool address
56	(38)	SIGNED	2	CPBCELSZ	SIZE OF CELL
58	(3A)	SIGNED	2	CPBCELPG	NO.OF CELLS PER PAGE
60	(3C)	SIGNED	2	CPBTOTEX	TOTAL NO. EXTENTS IN POOL
62	(3E)	SIGNED	2	CPBHWEXT	High watermark for number of extents
64	(40)	SIGNED	2	CPBMAXEX	MAXIMUM NO. OF EXTENTS
66	(42)	SIGNED	2	CPBSUBID	SUBPOOL I.D.
68	(44)	SIGNED	2	CPBWASTE	WASTED SPACE DUE TO NO SPAN RECORDS
70	(46)	BITSTRING	1	CPBTHOLD	Notification threshold in %
71	(47)	BITSTRING	1	CPBRSVD1	Reserved for IBM
72	(48)	SIGNED	4	CPBHCHKA	Health check data area address for this pool
76	(4C)	SIGNED	4	CPBCTR	TOTAL EXTENTS CREATED
80	(50)	SIGNED	4	CPBEXSIZ	SIZE OF PRIMARY EXTENT
84	(54)	SIGNED	4	CPBSEXSZ	SIZE OF SECONDARY EXTENT
88	(58)	SIGNED	4	CPBAVLCL	NO. OF AVAILABLE CELLS IN EXTENT
92	(5C)	SIGNED	4	CPBRSVD2	Reserved for IBM
96	(60)	ADDRESS	8	CPBTOTCE	Total no of cells in pool
104	(68)	ADDRESS	8	CPBTOTAV	Total no of cells available in pool
112	(70)	ADDRESS	8	CPBHWALC	High watermark of allocated cells
120	(78)	ADDRESS	8	CPBMAXCT	Maximum number of cells that can be created
128	(80)	SIGNED	4	CPBNRSVT	TOTAL NO. OF RESERVED CELLS
132	(84)	SIGNED	4	CPBNRSVA	NO. OF AVAILABLE RESERVED CELLS
136	(88)	SIGNED	4	CPBCELNM	NO. OF CELLS IN PRIMARY EXTENT
140	(8C)	SIGNED	4	CPBSECLX	NO. OF CELLS FOR SECONDARY EXTENT
144	(90)	SIGNED	4	CPBSELPG	NO. OF PAGES IN SECONDARY EXTENT
148	(94)	SIGNED	4	CPBSPATZ	SIZE OF SECONDARY ALLOCATION TABLE
152	(98)	SIGNED	4	CPBSPRTZ	SIZE OF SECONDARY PAGE RELEASE TABLE
156	(9C)	SIGNED	4	CPBCPATZ	ALLOCATION TABLE SIZE THIS EXTENT INCLUDING BITS FOR RESERVED CELLS
160	(A0)	SIGNED	4	CPBCPRTZ	PAGE RELEASE TBL SIZE THIS EXTENT
164	(A4)	SIGNED	4	CPBRSVS1(3)	Reserved for IBM
176	(B0)	BITSTRING	16	CPBFRANG(0)	RANGLIST for IARV64
176	(B0)	ADDRESS	8	CPBFRADR	Starting address
184	(B8)	DBL WORD	8	CPBFRNUM	Number of pages
192	(C0)	SIGNED	4	CPBDSBAS	Base data space CPB
192	(C0)	X'14'	0	CPBPERNO	"20" 5 PERCENT FREE CELLS BEFORE DELETE POOL
192	(C0)	X'4'	0	CPBMINCL	"4" MINIMUM CELL SIZE
192	(C0)	X'1000'	0	CPBMAXCL	"4096" MAXIMUM CELL SIZE

Table 64. Structure CPBSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
192	(C0)	X'1000'	0	CPBPGSIZ	"4096" SIZE OF A PAGE
192	(C0)	X'2'	0	CPBPGRLE	"2" LENGTH OF A PAGE RELEASE TABLE ENTRY
192	(C0)	X'FF'	0	CPBEXTNT	"255" OLD MAXIMUM NUMBER OF EXTENTS 0038
192	(C0)	X'2BC'	0	CPBEXTN2	"700" NEW MAXIMUM NUMBER OF EXTENTS 0038
192	(C0)	X'2710'	0	CPBEXTN3	"10000" Maximum number of extents for large numbers of concurrent jobs of a particular type
192	(C0)	BITSTRING	0	CPBHILMT	"X'7FFFFFFF'" MAXIMUM EXTENT SIZE
192	(C0)	X'4'	0	CPBRET4	"4" RETURN CODE OF 4
192	(C0)	X'8'	0	CPBRET8	"8" RETURN CODE OF 8
192	(C0)	X'C'	0	CPBRET12	"12" RETURN CODE OF 12
192	(C0)	X'10'	0	CPBRET16	"16" RETURN CODE OF 16
192	(C0)	X'14'	0	CPBRET20	"20" RETURN CODE OF 20
192	(C0)	X'18'	0	CPBRET24	"24" RETURN CODE OF 24
192	(C0)	X'1C'	0	CPBRET28	"28" RETURN CODE OF 28
192	(C0)	X'20'	0	CPBRET32	"32" RETURN CODE OF 32
192	(C0)	X'24'	0	CPBRET36	"36" RETURN CODE OF 36
192	(C0)	X'28'	0	CPBRET40	"40" RETURN CODE OF 40
192	(C0)	X'2C'	0	CPBRET44	"44" RETURN CODE OF 44
192	(C0)	X'30'	0	CPBRET48	"48" RETURN CODE OF 48
192	(C0)	X'34'	0	CPBRET52	"52" Return code of 52 (x'34')
192	(C0)	X'38'	0	CPBRET56	"56" Return code of 56 (x'38')
192	(C0)	X'3C'	0	CPBRET60	"60" Return code of 60 (x'3C')
196	(C4)	SIGNED	4	CPBPEND(0)	END OF MAIN SECTION OF IATYCPB
196	(C4)	X'C4'	0	CPBPSIZ	"(CPBPEND-CPBSTART)" LENGTH OF MAIN SECTION
		THE FOLLOWING FLAG BYTES ARE NOT PROPAGATED TO THE CPB(S) FOR SECONDARY EXTENTS. DEFINITION OF CPB FLAG 1			
196	(C4)	BITSTRING	1	CPBFLAG1	
		1...		CPBF1PRM	"X'80'" PRIMARY CPB,OFF = SECONDARY CPB
		.1..		CPBF1REL	"X'40'" PAGE RELEASE, OFF=NO PAGE RELEASE
		..1.		CPBF1DEL	"X'20'" AUTODELETE FUNCTION, OFF=NO AUTODEL
		...1		CPBF1SPN	"X'10'" CELL SPAN PG BOUND,OFF=NO SPANNING
		.... 1...		CPBF1FIX	"X'08'" PAGE FIXING REQESTED,PGFIX=ON
		.... .1..		CPBBELOW	"X'04'" CELL POOL MUST BE BELOW 16M
		.... ..1.		CPBBEANY	"X'02'" CP BELOW 16M BACKED ANYWHERE
		1		CPB64BIT	"X'01'" Alocate above the bar
		DEFINITION OF CPB FLAG 2			
197	(C5)	BITSTRING	1	CPBFLAG2	
		1...		CPBF2UMG	"X'80'" USER MANAGED POOL,OFF=QUICK CELL MGT

Table 64. Structure CPBSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.1..		CPBF2CAV	"X'40'" CELL AVAILABLE IN POOL, ON = CELLS AV
		.... 1...		CPBF2DEX	"X'08'" DELETING EXTENT
		.... .1..		CPBF2RCL	"X'04'" RETURN CELL IN PROGRESS
		.... ..1.		CPBF2GCL	"X'02'" GETCELL IN PROGRESS
		1		CPBF2BPL	"X'01'" BUILD/DELETE POOL IN PROGRESS
		DEFINITION OF CPB FLAG 3			
198	(C6)	BITSTRING	1	CPBFLAG3	
		1...		CPBF3RSV	"X'80'" RSVD=YES SPECIFIED ON IATXGCL
		.1..		CPBDSPCP	"X'40'" Data space resident cellpool
		..1.		CPBF3RV2	"X'20'" RESERVED FOR FUTURE DEVELOPMENT
		...1		CPBF3RV3	"X'10'" RESERVED FOR FUTURE DEVELOPMENT
		.... 1...		CPBF3RV4	"X'08'" RESERVED FOR FUTURE DEVELOPMENT
		.... .1..		CPBF3RV5	"X'04'" RESERVED FOR FUTURE DEVELOPMENT
		.... ..1.		CPBF3RV6	"X'02'" RESERVED FOR FUTURE DEVELOPMENT
		1		CPBF3RV7	"X'01'" RESERVED FOR FUTURE DEVELOPMENT
		COMPARE AND SWAP BYTE THIS BYTE MUST ALWAYS BE THE FOURTH BYTE FROM CPBFLAG1 CPBRES1 DS X BYTE USED FOR COMPARE AND SWAP CPBBUSY EQU X'80' THE BUSY BIT FOR COMPARE AND SWAP USERS BYTE			
199	(C7)	BITSTRING	1	CPBFLAG4	FOR CALLERS USE
200	(C8)	SIGNED	4	CPBUSER	RESERVED FOR USER
204	(CC)	SIGNED	4	CPBDEV	Reserved for IBM
208	(D0)	SIGNED	4	CPBMODSV	Addressing mode save area
216	(D8)	ADDRESS	8	CPBCELAD	Cell address
224	(E0)	DBL WORD	8	CPBSERVC	Reserved for IBM
		THE FOLLOWING FIELDS MUST BE CONTIGUOUS BECAUSE THEY ARE USED FOR INPUT TO A TRACE ENTRY FOR ERROR RETURNS FOR THE IATXGCL AND IATXRCL MACROS			
232	(E8)	DBL WORD	8	CPBTRCST(0)	Start of trace work area
232	(E8)	DBL WORD	8	CPBSAVEA(5)	Save area for R2-R6 in GET and RET CELL
272	(110)	DBL WORD	8	CPBSAVEB	Save area for R10 in GET and RET CELL
280	(118)	SIGNED	4	CPBPRICP	SAVE AREA FOR THE PRIMARY CPB ADDRESS PASSED TO IATXGCL AND IATXRCL
284	(11C)	SIGNED	4	CPBRETCD	SAVE AREA FOR THE RETURN CODE FROM IATXGCL, IATXRCL, IATXBPL or IARV64
288	(120)	SIGNED	4	CPBRETAD	SAVE AREA FOR THE RETURN ADDRESS FROM THE IATXGCL AND IATXRCL CALLER.
288	(120)	X'124'	0	CPBGCLND	"*" END OF IATXGCL TRACE WORK AREA
296	(128)	ADDRESS	8	CPBCLADD	Save area for the cell address PASSED TO IATXRCL
296	(128)	X'130'	0	CPBRCLND	"*" END OF IATXRCL TRACE WORK AREA

Table 64. Structure CPBSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
296	(128)	X'E8'	0	CPBGCLTR	"CPBTRCST,CPBGCLND-CPBTRCST" IATXGCL Work area length for trace macro
296	(128)	X'E8'	0	CPBRCLTR	"CPBTRCST,CPBRCLND-CPBTRCST" IATXRCL Work area length for trace macro
304	(130)	SIGNED	4	CPBRSNCD	Reason code from IARV64
		THIS IS THE END OF THE WORK AREA FOR THE TRACE ENTRY Data Space Cell Pools Related Fields This CPB section contains information related to cellpools in a data space. It contains the data space name, its STOKEN, storage allocation map pointer, etc. There may be multiple cellpools sharing the same data space. All the CPBs for those cellpools point to the base CPB.			
308	(134)	CHARACTER	8	CPBXDSPN	Data space name
316	(13C)	BITSTRING	8	CPBXSTKN	STOKEN for the data space
324	(144)	SIGNED	4	CPBXALET	ALET for the data space
328	(148)	SIGNED	4	CPBXDSAT	Address of the Data Space Alloc. Table (DSAT)
332	(14C)	SIGNED	4	CPBXDSZE	Table size in bytes
336	(150)	SIGNED	4	CPBXNOXT	Total number of extents in the data space
340	(154)	SIGNED	4	CPBXCRCP	Save area for current CPB when allocating extents in a data sp.
344	(158)	SIGNED	4	CPBEND(0)	
344	(158)	X'158'	0	CPBSIZE	"(CPBEND-CPBSTART)" SIZE OF IATYCPB CONTROL BLOCK

Table 65. Cross Reference for IATYCPB

Name	Offset	Hex Tag
CPBAVLCL	58	
CPBBEANY	C4	2
CPBBELOW	C4	4
CPBCELAD	D8	
CPBCELNM	88	
CPBCELPG	3A	
CPBCELSZ	38	
CPBCHAIN	4	
CPBCLADD	128	
CPBCPAT	1C	
CPBCPATZ	9C	
CPBCPRT	18	
CPBCPRTZ	A0	
CPBCTLBK	10	
CPBCTR	4C	
CPBDEV	CC	
CPBDSBAS	C0	
CPBDSPCP	C6	40
CPBEND	158	
CPBEXSIZ	50	
CPBEXTNT	C0	FF

Table 65. Cross Reference for IATYCPB (continued)

Name	Offset	Hex Tag
CPBEXTN2	C0	2BC
CPBEXTN3	C0	2710
CPBFLAG1	C4	
CPBFLAG2	C5	
CPBFLAG3	C6	
CPBFLAG4	C7	
CPBFRADR	B0	
CPBFRANG	B0	
CPBFREEA	28	
CPBFRNUM	B8	
CPBF1DEL	C4	20
CPBF1FIX	C4	8
CPBF1PRM	C4	80
CPBF1REL	C4	40
CPBF1SPN	C4	10
CPBF2BPL	C5	1
CPBF2CAV	C5	40
CPBF2DEX	C5	8
CPBF2GCL	C5	2
CPBF2RCL	C5	4
CPBF2UMG	C5	80
CPBF3RSV	C6	80
CPBF3RV2	C6	20
CPBF3RV3	C6	10
CPBF3RV4	C6	8
CPBF3RV5	C6	4
CPBF3RV6	C6	2
CPBF3RV7	C6	1
CPBGCLND	120	124
CPBGCLTR	128	E8
CPBHCHKA	48	
CPBHIADD	30	
CPBHILMT	C0	FFFFFF
CPBHWALC	70	
CPBHWEXT	3E	
CPBID	0	
CPBLOWAD	20	
CPBLOW31	20	24
CPBMAXCL	C0	1000
CPBMAXCT	78	
CPBMAXEX	40	
CPBMINCL	C0	4
CPBMODSV	D0	
CPBNRSVA	84	
CPBNRSVT	80	
CPBNXCPB	C	

Table 65. Cross Reference for IATYCPB (continued)

Name	Offset	Hex Tag
CPBPEND	C4	
CPBPERNO	C0	14
CPBPGRLE	C0	2
CPBPGSIZ	C0	1000
CPBPREV	8	
CPBPRICP	118	
CPBPSIZ	C4	C4
CPBRCLND	128	130
CPBRCLTR	128	E8
CPBRETAD	120	
CPBRETCD	11C	
CPBRET12	C0	C
CPBRET16	C0	10
CPBRET20	C0	14
CPBRET24	C0	18
CPBRET28	C0	1C
CPBRET32	C0	20
CPBRET36	C0	24
CPBRET4	C0	4
CPBRET40	C0	28
CPBRET44	C0	2C
CPBRET48	C0	30
CPBRET52	C0	34
CPBRET56	C0	38
CPBRET60	C0	3C
CPBRET8	C0	8
CPBRSNCD	130	
CPBRSVD1	47	
CPBRSVD2	5C	
CPBRSVS1	A4	
CPBSAVEA	E8	
CPBSAVEB	110	
CPBSECLX	8C	
CPBSELPG	90	
CPBSERVC	E0	
CPBSEXSZ	54	
CPBSIZE	158	158
CPBSPATZ	94	
CPBSPRTZ	98	
CPBSTART	0	
CPBSUBID	42	
CPBTHOLD	46	
CPBTOTAV	68	
CPBTOTCE	60	
CPBTOTEX	3C	
CPBTRCST	E8	

Table 65. Cross Reference for IATYCPB (continued)

Name	Offset	Hex Tag
CPBUSER	C8	
CPBWASTE	44	
CPBXALET	144	
CPBXCRCP	154	
CPBXDSAT	148	
CPBXDSPN	134	
CPBXDSZE	14C	
CPBXNOXT	150	
CPBXSTKN	13C	
CPB64BIT	C4	1

IATYCPP information

IATYCPP programming interface information

IATYCPP is a programming interface.

IATYCPP heading information

Common name:	CELL POOL PARAMETER LIST
Macro ID:	IATYCPP
DSECT name:	Determined by user
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Main Storage: N/A Auxiliary Storage: N/A
Size:	28 or 36 Bytes
Created by:	Caller of IATXBPL
Pointed to by:	Caller of IATXBPL
Serialization:	NONE
Function:	Provides basic information to common quick cell routines. 4 lines deleted by APAR OW36022

IATYCPP mapping

Table 66. Structure CPPSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	CPPSTART	
0	(0)	SIGNED	4	CPPCNUM	NUMBER OF CELLS IN PRIMARY EXTENT
4	(4)	SIGNED	4	CPPCRSVD	NUMBER OF RESERVED CELLS
8	(8)	SIGNED	4	CPPSCNUM	NUMBER OF CELLS IN EACH SECONDARY EXTENT
12	(C)	SIGNED	2	CPPCSIZE	NUMBER OF BYTES PER CELL
14	(E)	SIGNED	2	CPPSUBID	SUBPOOL ID FROM WHICH TO GET CELL POOL
16	(10)	SIGNED	2	CPPMAXET	MAXIMUM NUMBER THE CELL POOL CAN EXTEND
18	(12)	BITSTRING	1	CPPFLAGS	Flags

Table 66. Structure CPPSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		CPPDSPNP	"X'80'" Data space name is present
		.1..		CPPBASCP	"X'40'" Base CPB pointer is present
19	(13)	BITSTRING	1	CPPTHOLD	Threshold percentage
20	(14)	ADDRESS	4	CPPHCHKA	Health check data address for the pool
24	(18)	CHARACTER	8	CPPCTLBK	Control block using the pool
32	(20)	SIGNED	4	CPPRSVU1(2)	RESERVED FOR USER
40	(28)	CHARACTER	8	CPPDSPNM	Data space name provided
40	(28)	ADDRESS	4	CPPDSBAS	Data space base CPB
48	(30)	SIGNED	4	CPPEND(0)	END OF IATYCPP
48	(30)	X'30'	0	CPPSIZE	"(CPPEND-CPPSTART)"

Table 67. Cross Reference for IATYCPP

Name	Offset	Hex Tag
CPPBASCP	12	40
CPPCNUM	0	
CPPCRSVD	4	
CPPCSIZE	C	
CPPCTLBK	18	
CPPDSBAS	28	
CPPDSPNM	28	
CPPDSPNP	12	80
CPPEND	30	
CPPFLAGS	12	
CPPHCHKA	14	
CPPMAXET	10	
CPPRSVU1	20	
CPPSCNUM	8	
CPPSIZE	30	30
CPPSTART	0	
CPPSUBID	E	
CPPTHOLD	13	

IATYCSBT information

IATYCSBT heading information

Common name: CHAINED SINGLE RECORD FILE BUFFER TABLE

Macro ID: IATYCSBT

DSECT name: CSBTSTRT, CSBTNTRY

Owning component: JES3 (SC1BA)

Eye-catcher ID: CSBT
Offset: 0
Length: 4

Storage attributes: Main Storage: JESPOOL
Auxiliary Storage: N/A

Size: See assembly listing
3#

Created by: IATDMCS

Pointed to by: RCECSBTA (in each IATYRCE entry)

Serialization: NONE

Function: This area contains information about each record in the chained single record file, including the file description blocks (FDBS). Restrictions: Do not change the offsets for any of the fields located between the following labels: CSBTSTRT and CSBTFEND, and CSBTNTRY and CSBTEFND, and do not change the size of the CSBT header or CSBT entry. These fields are static offsets. Changes in their location will result in incorrect processing.

IATYCSBT mapping

Table 68. Structure CSBTSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	CSBTSTRT	
0	(0)	CHARACTER	4	CSBTID	PARAMETER LIST IDENTIFIER
0	(0)	X'1'	0	CSBTNJD1	"1" Number of entries in the primary CSBT-JDS pool
0	(0)	X'14'	0	CSBTNJDS	"20" NO. OF ENTRIES IN CSBT-JDS
0	(0)	X'5'	0	CSBTNJS1	"5" Number of entries in the primary CSBT-JST pool
0	(0)	X'5'	0	CSBTNJST	"5" NO. OF ENTRIES IN CSBT-JST
0	(0)	X'1'	0	CSBTNOS1	"1" No. of entries in the primary CSBT-OSE pool
0	(0)	X'14'	0	CSBTNOSE	"20" NO. OF ENTRIES IN CSBT-OSE
0	(0)	X'5'	0	CSBTNDJ1	"5" Number of entries in the primary CSBT-DJST pool
0	(0)	X'5'	0	CSBTNDJS	"5" NO. OF ENTRIES IN CSBT-DJST
4	(4)	ADDRESS	4	CSBTNEXT	NEXT CSBT POINTER
8	(8)	ADDRESS	4	CSBTPREV	PREVIOUS CSBT POINTER
12	(C)	SIGNED	4	CSBTLENT	LAST CSBT ENTRY IN BUFFER
16	(10)	SIGNED	4	CSBTRSVD	RESERVED FOR DEVELOPMENT
20	(14)	SIGNED	2	CSBTFEND(0)	END OF CSBT FROZEN SECTION

```
      WARNING
THE OFFSETS FOR THE FIELDS BETWEEN CSBTSTRT AND
CSBTFEND MUST NOT BE CHANGED, AS THIS WILL HAVE AN
ADVERSE EFFECT ON SOME JES3 MODULES.
```

20	(14)	CHARACTER	4	CSBTDMID	SRF SPOOL RECORD IDENTIFIER
24	(18)	ADDRESS	4	CSBTRCE	RCE ADDRESS
28	(1C)	SIGNED	4	CSBTNUM4	CSBT table number
32	(20)	BITSTRING	1	CSBTHFL1	CSBT HEADER FLAG 1
		1...		CSBTGETM	"X'80'" THIS CSBT WAS AGETMAINED
33	(21)	BITSTRING	1	CSBTUSFL	USER SPECIFIC HEADER FLAG
		1...		CSBTRDAL	"X'80'" JESREAD MUST READ IN EVERY 0089 BUFFER IN THIS SRF CHAIN 0089
		.1..		CSBTINST	"X'40'" THE BUFFERS NEEDED FOR THIS 0089 JESREAD HAVE ALREADY BEEN 0089 BEEN READ IN BY MDS 0089
		..1.		CSBTALIN	"X'20'" ALL OF THE BUFFERS IN THIS 0089 SRF CHAIN ARE IN STORAGE 0089

Table 68. Structure CSBTSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
34	(22)	SIGNED	2	CSBTRSV2	Reserved for IBM
36	(24)	SIGNED	4	CSBTRSV1	RESERVED FOR DEVELOPMENT
36	(24)	X'28'	0	CSBTHEND	"*" END OF HEADER
36	(24)	X'28'	0	CSBTHSIZ	"CSBTHEND-CSBTSTRT" SIZE OF HEADER
		CHAINED SRF BUFFER TABLE ENTRIES			
36	(24)	X'28'	0	CSBTENTS	"*" START OF CSBT BUFFER ENTRIES
36	(24)	X'5C'	0	CSBTZJD1	"CSBTHSIZ+CSBTNJD1*CSBTLEN+4" Size of primary CSBT-JDS
36	(24)	X'3EC'	0	CSBTZJDS	"CSBTHSIZ+CSBTNJDS*CSBTLEN+4" SIZE OF CSBT-JDS
36	(24)	X'11C'	0	CSBTZJST	"CSBTHSIZ+CSBTNJST*CSBTLEN+4" SIZE OF CSBT-JST
36	(24)	X'5C'	0	CSBTZOS1	"CSBTHSIZ+CSBTNOS1*CSBTLEN+4" Size of primary CSBT-OSE
36	(24)	X'3EC'	0	CSBTZOSE	"CSBTHSIZ+CSBTNOSE*CSBTLEN+4" SIZE OF CSBT-OSE
36	(24)	X'11C'	0	CSBTZDJS	"CSBTHSIZ+CSBTNDJS*CSBTLEN+4" SIZE OF CSBT-DJST

Table 69. Structure CSBTNTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	CSBTNTRY	
0	(0)	SIGNED	4	CSBTENM4	CSBT entry number
4	(4)	BITSTRING	12	CSBTFDB	SINGLE RECORD FILE FDB
16	(10)	SIGNED	2	CSBTEFND(0)	END OF ENTRY FROZEN SECTION
		WARNING THE OFFSETS FOR THE FIELDS BETWEEN CSBTNTRY AND CSBTEFND MUST NOT BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON SOME JES3 MODULES. THE FIELD CSBTUFLG IS DEFINED BY THE USER OF THE IATXCSS MACRO FOR INFORMATION SPECIFIC TO A CHAINED SRF.			
16	(10)	BITSTRING	1	CSBTUFLG	SRF-SPECIFIC USER FLAG BYTE
		THE FOLLOWING DEFINITION OF CSBTUFLG IS USED BY OUTPUT SERVICE TO DESCRIBE OSE BUFFER CONTENTS.			
		1...		CSBTOCMP	"X'80'" BUFFER HAS BEEN PROCESSED
		.1..		CSBTOJDV	"X'40'" WORK FOR JES3 MANAGED DEVICE
		..1.		CSBTOBDT	"X'20'" BUFFER CONTAINS BDT WORK
		...1		CSBTOTCP	"X'10'" Buffer contains TCP work
		.... 1...		CSBTOBHD	"X'08'" ALL OSE ENTRIES ARE HELD
		.... .1..		CSBTODHD	"X'04'" A DATA SET ENTRY IS HELD
		.... ..1.		CSBTOSYS	"X'02'" OUTPUT ON OSE HOLD QUEUE
		1		CSBTONJE	"X'01'" BUFFER CONTAINS NJERDR WORK 0063
		THE FOLLOWING DEFINITION OF CSBTUFLG IS USED BY MDS TO SHOW WHEN THE STEP ENTRY HAS BEEN FOUND			
		1		CSBTBFST	"X'01'" CSBT-JST HAS STEP ENTRY

Table 69. Structure CSBTNTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		THE FOLLOWING FLAGS ARE ONLY USED WITH THE DJST CSBT STRUCTURE.			
		1...		CSBTDJAC	"X'80'" DJST HAS ACTIVE ENTRIES
		.1..		CSBTDJAV	"X'40'" DJST HAS AVAILABLE ENTRIES
		THE FOLLOWING FLAGS ARE ONLY USED WITH THE JDS CSBT STRUCTURE.			
		1...		CSBTOUTP	"X'80'" JDS BUFFER HAS OUTPUT JDS ENTRIES
		.1..		CSBTALL0	"X'40'" ALL ENTRIES IN THIS JDS ARE ZEROED OUT
		..1.		CSBTSPIN	"X'20'" Buffer contains unprocessed Spinoff output
17	(11)	BITSTRING	1	CSBTIOFL	I/O TO BE PERFORMED FOR THE SRF BUFFER ASSOCIATED WITH THIS CSBT ENTRY
		Definition of CSBTIOFL			
		1...		CSBTREAD	"X'80'" READ THE BUFFER
		.1..		CSBTWRT	"X'40'" WRITE THE BUFFER
18	(12)	BITSTRING	2	CSBTRSV3	Reserved for IBM
20	(14)	SIGNED	4	CSBTRSVU	Reserved for user
		THE FIELD CSBTUSER IS DEFINED BY THE USER OF THE IATXCSS MACRO FOR INFORMATION SPECIFIC TO A CHAINED SRF. Here is how the field us used, by SRF type: - JDS: A pointer to the JET control block which resides in 64-bit storage - JST: The first halfword contains the high step number. The rest is unused. - DJST: Not used. - OSE: A pointer to the OST control block which resides in 64-bit storage.			
24	(18)	DBL WORD	8	CSBTUSER	SRF-specific user data area
24	(18)	X'18'	0	CSBTHSTP	"CSBTUSER,2" HIGH STEP NUMBER (USED IN CSBT FOR JST)
32	(20)	SIGNED	4	CSBTBUFF	ADDRESS OF JSAM BUFFER INTO WHICH THE SRF BUFFER ASSOCIATED WITH THIS CSBT ENTRY WILL BE READ
		CSBTUFL2, like CSBTUFLG, is defined differently for each chained SRF.			
36	(24)	BITSTRING	1	CSBTUFL2	SRF-specific flag byte 2
		The following definition of CSBTUFL2 is used by output service to describe OSE buffer contents.			
		1...		CSBTU280	"X'80'" Reserved bit
		.1..		CSBTOUBS	"X'40'" Unprocessed BSC/NJE work
		..1.		CSBTU220	"X'20'" Reserved bit
		...1		CSBTU210	"X'10'" Reserved bit
		.... 1...		CSBTU208	"X'08'" Reserved bit
		.... .1..		CSBTU204	"X'04'" Reserved bit
		.... ..1.		CSBTU202	"X'02'" Reserved bit

Table 69. Structure CSBTNTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1		CSBTU201	"X'01'" Reserved bit
37	(25)	BITSTRING	3	CSBTRSVS	Reserved for service
40	(28)	SIGNED	4	CSBTRSVF(2)	Reserved for IBM
40	(28)	X'30'	0	CSBTEENT	"*" END OF INDIVIDUAL ENTRY
40	(28)	X'30'	0	CSBTLEN	"CSBTEENT-CSBTNTRY" SIZE OF ONE ENTRY

Table 70. Cross Reference for IATYCSBT

Name	Offset	Hex Tag
CSBTALIN	21	20
CSBTALL0	10	40
CSBTBFST	10	1
CSBTBUFF	20	
CSBTDJAC	10	80
CSBTDJAV	10	40
CSBTDMID	14	
CSBTEENT	28	30
CSBTEFND	10	
CSBTENM4	0	
CSBTENTS	24	28
CSBTFDB	4	
CSBTFEND	14	
CSBTGETM	20	80
CSBTHEND	24	28
CSBTHFL1	20	
CSBTHSIZ	24	28
CSBTHSTP	18	18
CSBTID	0	C3E2C2E3
CSBTINST	21	40
CSBTIOFL	11	
CSBTLEN	28	30
CSBTLENT	C	
CSBTNDJS	0	5
CSBTNDJ1	0	5
CSBTNEXT	4	
CSBTNJDS	0	14
CSBTNJD1	0	1
CSBTNJST	0	5
CSBTNJS1	0	5
CSBTNOSE	0	14
CSBTNOS1	0	1
CSBTNTRY	0	
CSBTNUM4	1C	
CSBTOBDT	10	20
CSBTOBHD	10	8
CSBTOCMP	10	80

Table 70. Cross Reference for IATYCSBT (continued)

Name	Offset	Hex Tag
CSBTODHD	10	4
CSBTOJDV	10	40
CSBTONJE	10	1
CSBTOSYS	10	2
CSBTOTCP	10	10
CSBTOUBS	24	40
CSBTOUTP	10	80
CSBTPREV	8	
CSBTRCE	18	
CSBTRDAL	21	80
CSBTREAD	11	80
CSBTRSVD	10	
CSBTRSVF	28	
CSBTRSVS	25	
CSBTRSVU	14	
CSBTRSV1	24	
CSBTRSV2	22	
CSBTRSV3	12	
CSBTSPIN	10	20
CSBTSTRT	0	
CSBTUFLG	10	
CSBTUFL2	24	
CSBTUSER	18	
CSBTUSFL	21	
CSBTU201	24	1
CSBTU202	24	2
CSBTU204	24	4
CSBTU208	24	8
CSBTU210	24	10
CSBTU220	24	20
CSBTU280	24	80
CSBTWRT	11	40
CSBTZDJS	24	11C
CSBTZJDS	24	3EC
CSBTZJD1	24	5C
CSBTZJST	24	11C
CSBTZOSE	24	3EC
CSBTZOS1	24	5C

IATYCTKN information

IATYCTKN heading information

Common name: Client Token for dataset allocation

Macro ID: IATYCTKN

DSECT name: CTKNSTRT

Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Main Storage: Any Key: User
Size:	CTKNSIZE bytes
Created by:	IATSIAD
Pointed to by:	SSALCTOK in IEFSSAL SSS2CTKN in IAZSSS2 SSSTCTKN in IAZSTAT
Serialization:	NONE
Function:	This macro maps JES3's usage of the client token. The IAZCTKN macro is used to map the common fields and information exclusively for use by JES3 is mapped over field CTKNJESD.

IATYCTKN mapping

Table 71. Structure CTKNSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	CTKNSTRT	, Client Token

```
  %CTKNCMT: ;
  01 CHANGE ACTIVITY:
   $R05LOPI=OPI HJE6605 970526 JMS: Open Print DYNALLOC supp
   $S202710=CHEADERS HBB77C0 190212 TJW: Updates for C headers
                                         S202710
  01 A000000-999999 Creqted for OS/390 Release 5
01 NOTES:
     JES should include this macro and then define the
     JES-dependent section over the field CTKNJESD.
  %GOTO IAZCTKN_PLX;
```

0	(0)	DBL WORD	8	CTOKEN(0)	

```
All fields except for CTKNJESD are common between
JES2 and JES3.
```

0	(0)	SIGNED	1	CTKNJESI	Identifies which JES built the CTOKEN
0	(0)	X'2'	0	CTKNJES2	"2" Identifier for JES2
0	(0)	X'3'	0	CTKNJES3	"3" Identifier for JES3
1	(1)	SIGNED	1	CTKNPLVL	Product level of CTOKEN creator
2	(2)	SIGNED	1	CTKNSLVL	Service level of CTOKEN creator
3	(3)	BITSTRING	1		Reserved alignment byte
4	(4)	SIGNED	4	CTKNSORT	Sort key
8	(8)	SIGNED	4	(0)	Full word alignment
8	(8)	BITSTRING	8	CTKNBMAP	Bit map for supported bytes in the JES dependent area
16	(10)	CHARACTER	64	CTKNJESD	JES dependent section
16	(10)	X'50'	0	CTOKEND	"*" End of CTOKEN
16	(10)	X'50'	0	CTKNSIZE	"CTOKEND-CTOKEN" Size of CTOKEN

```
The following bytes define which fields are present
and how many bytes they occupy. For example, since
the field CTKNJNUM occupies 4 bytes, the mask
CTKNFJNM is defined with 4 bits.
```

8	(8)	BITSTRING	1	CTKNFLD1	Set 1 of bits for fields present
		1111		CTKNFJNM	"X'F0'" Mask for CTKNJNUM present
		 1111		CTKNFDSK	"X'0F'" Mask for CTKNDSKY present
9	(9)	BITSTRING	1	CTKNFLD2	Set 2 of bits for fields present

Table 71. Structure CTKNSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1111		CTKNFDNM	"X'F0'" Mask for CTKNDSNM present
		.... 11..		CTKNFOBC	"X'0C'" Mask for CTKNOBFC present
		11		CTKNFOFT	"X'03'" Mask for CTKNOFST present
10	(A)	BITSTRING	1	CTKNFLD3	Set 3 of bits for fields present
		1111		CTKNFOB4	"X'F0'" Mask for CTKNOBF4 present
		.... 11..		CTKNFDSO	"X'0C'" Mask for CTKNDOFF present
11	(B)	BITSTRING	1	CTKNFLD4	Set 4 of bits for fields present
		1111		CTKNFWSI	"X'F0'" Mask for CTKNWSI present
12	(C)	BITSTRING	1	CTKNFLD5	Set 5 of bits for fields present
13	(D)	BITSTRING	1	CTKNFLD6	Set 6 of bits for fields present
14	(E)	BITSTRING	1	CTKNFLD7	Set 7 of bits for fields present
15	(F)	BITSTRING	1	CTKNFLD8	Set 8 of bits for fields present
16	(10)	SIGNED	4	CTKNJNUM	Server job number (binary)
20	(14)	SIGNED	4	CTKNDSKY	Dataset key (binary)
24	(18)	SIGNED	4	CTKNDSNM	Dataset number
28	(1C)	SIGNED	2	CTKNOBFC	Compatible OSE buffer number - see CTKNOBF4
30	(1E)	SIGNED	2	CTKNOFST	OSE Variable entry offset
32	(20)	SIGNED	4	CTKNOBF4	4-byte OSE buffer number
36	(24)	SIGNED	2	CTKNDOFF	OSE dataset entry offset
38	(26)	SIGNED	2	CTKNRSV1	Reserved for IBM
40	(28)	SIGNED	4	CTKNWSI	WSI value for consolidated SOUT
44	(2C)	SIGNED	4	CTKNRSV2(9)	Reserved for IBM
80	(50)	BITSTRING	1	(0)	Cause an assembly error if the size of the JES3 section exceeds the defined size of the JES dependent section in the common mapping

Table 72. Cross Reference for IATYCTKN

Name	Offset	Hex Tag
CTKNBMAP	8	
CTKNDOFF	24	
CTKNDSKY	14	
CTKNDSNM	18	
CTKNFDNM	9	F0
CTKNFDSK	8	F
CTKNFDSO	A	C
CTKNFJNM	8	F0
CTKNFLD1	8	
CTKNFLD2	9	
CTKNFLD3	A	
CTKNFLD4	B	
CTKNFLD5	C	
CTKNFLD6	D	
CTKNFLD7	E	
CTKNFLD8	F	
CTKNFOBC	9	C

Table 72. Cross Reference for IATYCTKN (continued)

Name	Offset	Hex Tag
CTKNFOB4	A	F0
CTKNFOFT	9	3
CTKNFWSI	B	F0
CTKNJESD	10	
CTKNJESI	0	
CTKNJES2	0	2
CTKNJES3	0	3
CTKNJNUM	10	
CTKNOBFC	1C	
CTKNOBF4	20	
CTKNOFST	1E	
CTKNPLVL	1	
CTKNRSV1	26	
CTKNRSV2	2C	
CTKNSIZE	10	50
CTKNSLVL	2	
CTKNSORT	4	
CTKNSTRT	0	
CTKNWSI	28	
CTOKEN	0	
CTOKEND	10	50

IATYCTYP information

IATYCTYP programming interface information

IATYCTYP is a programming interface.

IATYCTYP heading information

Common name:	Console Type Equates
Macro ID:	IATYCTYP
DSECT name:	None
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	NONE
Storage attributes:	Main Storage: None Virtual Storage: None Auxiliary Storage: None
Size:	N/A
Created by:	N/A
Pointed to by:	N/A
Serialization:	N/A
Function:	Contains the equates that define the different possible console types

IATYCTYP mapping

Table 73. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		
		EQUATES FOR CONSOLE TYPE FLAG CONTAINED IN IATYCNDB			
		1...		CTYPNJS3	"X'80'" - Not JES3 Console
		.1..		CTYPRJP	"X'40'" - RJP console
		..1.		CTYPNJE	"X'20'" - NJE console
		...1		CTYPBDT	"X'10'" - BDT console
		.... 1...		CTYPINTR	"X'08'" - INTERNAL
		.... .1..		CTYPINST	"X'04'" - INSTREAM
		.... ..1.		CTYPRES1	"X'02'" - Reserved
		1		CTYPNONE	"X'01'" - None
		IATYCTYP ALREADY GENERATED			

Table 74. Cross Reference for IATYCTYP

Name	Offset	Hex Tag
CTYPBDT	0	10
CTYPINST	0	4
CTYPINTR	0	8
CTYPNJE	0	20
CTYPNJS3	0	80
CTYPNONE	0	1
CTYPRES1	0	2
CTYPRJP	0	40

IATYDAT information

IATYDAT programming interface information

IATYDAT is a programming interface.

IATYDAT heading information

Common name: THE DATA BUFFER BLOCK (DAT)

Macro ID: IATYDAT

DSECT name: DATSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: DAT
Offset: 0
Length: 4

Storage attributes: Subpool: 231, 230, 229, 0
Key: User's key, or Job's key for subpool 0

Size: DATFSIZE bytes plus BUFSIZE keyword on BUFFER statement in JES3 INISH deck

Created by: IATDMUB
IATINIO
IATINJQ (for JOB VALIDATION/RESTART)
IATINJR (for JOB VALIDATION/RESTART)
IATINM3
IATINXM
IATOSSI

Pointed to by: FOR USAM CSA PBUFS: BALDATBA OF IATYBAL (BALP)
FOR USAM AUX PBUFS: BALXDTBA OF IATYBAL (BALP)
FOR JSAM BUFFERS: BALDATBA OF IATYBAL (BALJ)
FOR USAM UBUFS: DSBDATBA OF IATYDSB
FOR WRITER BUFFERS: WTRIDATA OF IATYWTR

Serialization: NONE

Function: Spool I/O buffer containing user data, and forward and backward M.R chains.

IATYDAT mapping

Table 75. Structure DATSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	DATSTART	
0	(0)	CHARACTER	4	DATID	BLOCK IDENTIFICATION
4	(4)	ADDRESS	4	DATDMC	POINTER TO CORRESPONDING DMC
		DATSSILN MUST BE LAST FIELD IN FIXED PORTION OF DAT			
8	(8)	SIGNED	4	(0)	INSURE DATRSVD IS ON FULLWORD
8	(8)	BITSTRING	1	DATFLAG	Flag, bits shown below 09715S2A
		---------- 09715S2A Definition of DATFLAG. 09715S2A ---------- 09715S2A			
		1...		DATCBUF	"X'80'" Core buffer for spool browse09715S2A
		.1..		DATCBSPL	"X'40'" Spool browse core buffer for which a spool read is being attempted
		..1.		DATFLG20	"X'20'" Reserved bit for IBM 09715S2A
		...1		DATFLG10	"X'10'" Reserved bit for IBM 09715S2A
		.... 1...		DATFLG08	"X'08'" Reserved bit for IBM 09715S2A
		.... .1..		DATFLG04	"X'04'" Reserved bit for IBM 09715S2A
		.... ..1.		DATFLG02	"X'02'" Reserved bit for IBM 09715S2A
		1		DATFLG01	"X'01'" Reserved bit for IBM 09715S2A
9	(9)	BITSTRING	1	DATRSVD	Reserved for IBM 09715S2C
10	(A)	SIGNED	2	DATSSILN	Length of STC/TSO logon DAT (When multiple buffers are in use, contains a running total for all buffers) 93
12	(C)	SIGNED	4	DATFEND(0)	- END OF FIXED PART OF IATYDAT
12	(C)	X'C'	0	DATFSIZE	"DATFEND-DATSTART" - SIZE OF FIXD PART OF IATYDAT
		START OF THE VARIABLE (BASED ON BUFFER SIZE) LENGTH PORTION OF THE DATA BUFFER BLOCK. THE FOLLOWING DATA AREAS ARE WRITTEN TO DISK, WHEREAS THE PREVIOUS FIELDS ARE NOT. THE VARIABLE PORTION MAY BE FORMATTED FOR EITHER SINGLE OR MULTIPLE RECORD FILES AS BELOW: FIELDS COMMON TO SINGLE AND MULTI RECORD FILES			
12	(C)	BITSTRING	1	DATTHIS	- SPOOL ADDRESS FOR THIS BUFF, SPOOL MOD/RECORD SUBFIELDS

Table 75. Structure DATSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
12	(C)	X'C'	0	DATSPMOD	"DATTHIS,L'FDBSPMOD" MODULE NUMBER OF SPOOL EXTENT
12	(C)	X'E'	0	DATSPREC	"DATTHIS+L'FDBSPMOD,L'FDBSPREC" RECORD NO ON EXTENT
		SINGLE RECORD FILE (SRF) DEFINITION			
12	(C)	X'12'	0	DATSRFDT	"*" - SRF DATA (USER DEFINED)
		MULTIPLE RECORD FILE (MRF) DEFINITION			
18	(12)	BITSTRING	6	DATFIRST	- SPOOL ADDR FOR 1ST BUFFER
24	(18)	BITSTRING	6	DATPREV	- SPOOL ADDR FOR PRIOR BUFFER
30	(1E)	BITSTRING	6	DATNEXT	- SPOOL ADDR FOR NEXT BUFFER - HIGH ORDER BIT ON INDICATES THAT DATNEXT CONTAINS A BUFFER ADDRESS
36	(24)	SIGNED	4	DATVALID	- VALIDATION FIELD, ESTAB BY INPUT SERVICE FROM TOD CLOCK
40	(28)	SIGNED	4	DATLOLIN	- LOW LINE NUMBER IN BUFFER
44	(2C)	SIGNED	4	DATLOREC	- LOW RECORD NUMBER IN BUFFER
48	(30)	SIGNED	4	DATLOPAG	- LOW PAGE NUMBER IN BUFFER
52	(34)	SIGNED	4	DATMRFIX(0)	- END OF MRF FIXED PORTION
52	(34)	X'28'	0	DATMRFSZ	"DATMRFIX-DATTHIS" - SIZE OF MRF FIXED PORTION

```
              THE FOLLOWING FIELDS ARE REPEATED FOR EACH
              LOGICAL RECORD IN THE BUFFER
              The structure of JSAM/USAM buffer with MRF
              records looks like this:
 __________ _____ ______ ____ _____ ______ ____ ________
|DAT header|DATCC|DATCCX|data|DATCC|DATCCX|data|...| |
| | | | | | | |00FF0000|
|__________|_____|______|____|_____|______|____| |________|
                                                   RL= 5 or 6
                                              End of Buffer
 __________ _____ ______ ____ _____ ______ ____ ______ |
|DAT header|DATCC|DATCCX|data|DATCC|DATCCX|data|.....| |
| | | | | | | | | |
|__________|_____|______|____|_____|______|____| |______|
                                                      RL < 5
                                              End of Buffer
 __________ _____ ______ ____ ________
|DAT header|DATCC|DATCCX|data|....| |
| | | | | |FFFFFFFF|
|__________|_____|______|____| |________|
                                End of File
       If the room left is less than 5 bytes, no need to
       put the E-O-B identifier (x'00FF0000') and the
       room left will be left as it is (x'0000'). If the
       room left is greater than or equal to 5 bytes and
       still does not have enough room to put at least 1
       byte of data, then put the E-O-B identifier.
       Either end-of-buffer identifier (00FF0000) or
       room left less than 5 bytes indicates an end of
       buffer condition.
```

52	(34)	SIGNED	4	DATMRFHD(0)	- START OF RECORD HEADER
52	(34)	SIGNED	4	DATCC	FLAGS AND COUNT
		THE CARRIAGE CONTROL BIT IS TURNED ON IN THE DATCC			
		1...		DATCPDS	"X'80'" COMPOSED PAGE DATA STREAM CC
		.1..		DATMAC	"X'40'" MACHINE CARRIAGE CONTROL
		..1.		DATASA	"X'20'" ASA CARRIAGE CONTROL
		...1		DATOPTCD	"X'10'" OPTCD = J
		.... 1...		DATSPLTB	"X'08'" SPLIT RECORD INDICATOR

Table 75. Structure DATSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... .1..		DATCON	"X'04'" CONTINUATION INDICATOR
		.... ..1.		DATSPAN	"X'02'" SPANNED DATA INDICATOR
		1		DATDATX	"X'01'" DATCC extension indicator
		The first 4 bits of DATCCXL are reserved for flag bits whereas the last 4 bits store the length of DATCCX.			
52	(34)	X'35'	0	DATCCXL	"DATCC+1,1,C'X'" Flags & Length of DATCCX
		1...		DATINPTR	"X'80'" SYSIN pointer record
		.1..		DATSTCKE	"X'40'" Time stamp present 12100S5C
		..1.		DATCTLRD	"X'20'" Control record (not counted for DATLOREC)
		...1		DATRSV10	"X'10'" Reserved for IBM
		.... 1...		DATRSV08	"X'08'" Reserved, DO NOT USE
		.... .1..		DATRSV04	"X'04'" Reserved, DO NOT USE
		.... ..1.		DATRSV02	"X'02'" Reserved, DO NOT USE
		1		DATRSV01	"X'01'" Reserved, DO NOT USE
52	(34)	X'36'	0	DATLEN	"DATCC+2,2,C'H'" FOR BEGINNING OF A LOGICAL RECORD: -> LOGICAL RECORD LENGTH IF NOT BEGINNING OF A LOGICAL RECORD: -> DATA LENGTH OF SECTION
52	(34)	X'38'	0	DATCCEND	"*" End of DATCC
56	(38)	BITSTRING	2	DATOLRCL	Original logical record length of a record
56	(38)	X'3A'	0	DATXE1	"*" End of DATCCX version 1
56	(38)	X'2'	0	DATEXT1	"*-DATCCEND" Length of DATCCX version 1
56	(38)	X'2'	0	DATEXTLN	"*-DATCCEND" Length of DATCCX version 1
56	(38)	BITSTRING	2	DATCCX	DATCC extension
58	(3A)	BITSTRING	8	DATTSTMP	Time stamp for SYSLOG
58	(3A)	X'8'	0	DATTSLEN	"L'DATTSTMP" Length of time stamp
58	(3A)	X'42'	0	DATXE1S	"*" End of DATCCX version 1 with time stamp
58	(3A)	X'A'	0	DATEXSLN	"*-DATCCEND" Length of DATCCX version 1 with time stamp
58	(3A)	X'A'	0	DATEXT1S	"*-DATCCEND" Length of DATCCX version 1 with time stamp
56	(38)	BITSTRING	1	DATCCXS	DATCC extension with time stamp
56	(38)	X'38'	0	DATXMLEN	"DATCCX-DATSTART" Length of DMC X-MEM work
56	(38)	X'6'	0	DATCCTL	"L'DATCC+L'DATCCX" Total length of DATCC and its extension
56	(38)	X'E'	0	DATCCTLS	"L'DATCC+L'DATCCXS" Total length of DATCC and 12100S5A extension with time stamp 12100S5A
56	(38)	BITSTRING	0	DATEOBID	"X'00FF0000'" End of buffer identifier
56	(38)	BITSTRING	0	DATEOFID	"X'FFFFFFFF'" End of file identifier
58	(3A)	CHARACTER	1	DATMRFDT(0)	- Start of user data. Valid only if time stamp is not present.

Table 75. Structure DATSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
58	(3A)	BITSTRING	0	DATMLRL	"X'00007FFF'" MAXIMUM LOGICAL RECORD LEN. THIS VALUE IS PLACED INTO THE TVT AND SVT BY IATINIO
58	(3A)	BITSTRING	0	DATDLMSK	"X'0000FFFF'" DATA LENGTH MASK USED TO ISOLATE THE LENGTH FIELD CONTAINED WITHIN THE DATCC. THIS VALUE IS ALSO PLACED INTO THE SVT AND TVT BY IATINIO.
		.1.1 1.1.		DATSTMOD	"X'5A'" CARRIAGE CONTROL CHARACTER #165 INDICATING STREAM MODE DATA #165
58	(3A)	BITSTRING	0	DATPGBEG	"X'D3A8AF'" CONTROL CHARACTER SEQUENCE #165 FOR PAGE BEGIN #165

Table 76. Structure DATSTMAP

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	DATSTMAP	Symbol Table Mapping 0038
0	(0)	SIGNED	2	DATSTSIZ	Symbol Table Size
2	(2)	CHARACTER	8	DATSTEC	Symbol Table Eye-Catcher 0038
12	(C)	SIGNED	4	DATSTPTR(0)	Start of Symbol Table 0038
12	(C)	X'C'	0	DATSYMTS	"*-DATSTMAP" Size of fixed area 0038

Table 77. Cross Reference for IATYDAT

Name	Offset	Hex Tag
DATASA	34	20
DATCBSPL	8	40
DATCBUF	8	80
DATCC	34	0
DATCCEND	34	38
DATCCTL	38	6
DATCCTLS	38	E
DATCCX	38	
DATCCXL	34	35
DATCCXS	38	
DATCON	34	4
DATCPDS	34	80
DATCTLRD	34	20
DATDATX	34	1
DATDLMSK	3A	FFFF
DATDMC	4	
DATEOBID	38	FF0000
DATEOFID	38	FFFFFF
DATEXSLN	3A	A
DATEXTLN	38	2
DATEXT1	38	2
DATEXT1S	3A	A
DATFEND	C	
DATFIRST	12	0
DATFLAG	8	

Table 77. Cross Reference for IATYDAT (continued)

Name	Offset	Hex Tag
DATFLG01	8	1
DATFLG02	8	2
DATFLG04	8	4
DATFLG08	8	8
DATFLG10	8	10
DATFLG20	8	20
DATFSIZE	C	C
DATID	0	C4C1E340
DATINPTR	34	80
DATLEN	34	36
DATLOLIN	28	0
DATLOPAG	30	0
DATLOREC	2C	0
DATMAC	34	40
DATMLRL	3A	7FFF
DATMRFDT	3A	
DATMRFHD	34	
DATMRFIX	34	
DATMRFSZ	34	28
DATNEXT	1E	0
DATOLRCL	38	0
DATOPTCD	34	10
DATPGBEG	3A	D3A8AF
DATPREV	18	0
DATRSVD	9	0
DATRSV01	34	1
DATRSV02	34	2
DATRSV04	34	4
DATRSV08	34	8
DATRSV10	34	10
DATSPAN	34	2
DATSPLTB	34	8
DATSPMOD	C	C
DATSPREC	C	E
DATSRFDT	C	12
DATSSILN	A	0
DATSTART	0	
DATSTCKE	34	40
DATSTEC	2	E2E8D4E3
DATSTMAP	0	
DATSTMOD	3A	5A
DATSTPTR	C	
DATSTSIZ	0	
DATSYMTS	C	C
DATTHIS	C	0
DATTSLEN	3A	8

Table 77. Cross Reference for IATYDAT (continued)

Name	Offset	Hex Tag
DATTSTMP	3A	0
DATVALID	24	0
DATXE1	38	3A
DATXE1S	3A	42
DATXMLEN	38	38

IATYDDF information

IATYDDF heading information

Common name: Destination Definitions for Incoming Networking Sysout

Macro ID: IATYDDF

DSECT name: DDFSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: DDF
Offset: 0
Length: 4

Storage attributes: Auxiliary Storage: JES3 spool
Subpool: 0
Key: 1 (JES key)
Residency: ANY

Size: DDFSIZE bytes

Created by: IATINDST

Pointed to by: OSDDDFA in IATYOSD
DDFNEXT in IATYDDF

Serialization: None

Function: This area defines second-level destinations for incoming NJE sysout.

IATYDDF mapping

Table 78. Structure DDFSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	DDFSTART	
0	(0)	CHARACTER	4	DDFID	Eyecatcher "DDF"
4	(4)	ADDRESS	4	DDFNEXT	Pointer to next DDF
8	(8)	CHARACTER	8	DDFNAME	Destination name
16	(10)	BITSTRING	1	DDFFLAG1	Flag byte
		Definition of DDFFLAG1 bits			
		1...		DDFUSER	"X'80'" If on, the destination is considered a TSO userid. If off, the destination is considered a device.
		.1..		DDFMODAD	"X'40'" Entry was added by *MODIFY, 0005 DEST 0005
		..1.		DDFCNFAD	"X'20'" Entry was added by *MODIFY, 0005 CONFIG 0005
		...1		DDFFL110	"X'10'" Reserved for IBM
		.... 1...		DDFFL108	"X'08'" Reserved for IBM
		.... .1..		DDFFL104	"X'04'" Reserved for IBM
		.... ..1.		DDFFL102	"X'02'" Reserved for IBM

Table 78. Structure DDFSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1		DDFFL101	"X'01'" Reserved for IBM
17	(11)	BITSTRING	3	DDFRSV01	Reserved for IBM
20	(14)	CHARACTER	24	DDFRSV02	Reserved for IBM
44	(2C)	SIGNED	4	DDFEND(0)	End of the DDF
44	(2C)	X'2C'	0	DDFSIZE	"DDFEND-DDFSTART" Total size of the DDF

Table 79. Cross Reference for IATYDDF

Name	Offset	Hex Tag
DDFCNFAD	10	20
DDFEND	2C	
DDFFLAG1	10	
DDFFL101	10	1
DDFFL102	10	2
DDFFL104	10	4
DDFFL108	10	8
DDFFL110	10	10
DDFID	0	
DDFMODAD	10	40
DDFNAME	8	
DDFNEXT	4	
DDFRSV01	11	
DDFRSV02	14	
DDFSIZE	2C	2C
DDFSTART	0	
DDFUSER	10	80

IATYDDL information

IATYDDL programming interface information

The following fields are **NOT** programming interface information:

- DDLDSSEQ
- DDLUNIQ

IATYDDL heading information

Common name:	DD LEVEL INFORMATION
Macro ID:	IATYDDL
DSECT name:	IATYDDL
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	NONE
Storage attributes:	Auxiliary Storage: None Subpool: 0 Residency: Below 16M
Size:	160 Bytes
Created by:	IATYDDL is AGETMAINed as part of IATYIDD. IATYIDD is AGETMAINed by IATIIDR.

Pointed to by: IATYDDL is expanded within IATYIDD.

Serialization: None

Function: Contains data and status flags extracted from the SWA Control Blocks for a DD statement.

IATYDDL mapping

Table 80. Structure IATYDDL

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATYDDL	
0	(0)	SIGNED	4	DDLDDNAM	DDNAME PTR
4	(4)	SIGNED	4	DDLDSN	DATA SET NAME PTR
8	(8)	SIGNED	4	DDLDSNQ	DATA SET NAME QUALIFIER PTR
12	(C)	SIGNED	4	DDLUNIT	PTR TO UNIT NAME
16	(10)	CHARACTER	4	DDL4DGT	4 DIGIT DEVICE NUMBER
20	(14)	SIGNED	4	DDLUNIQ	SWA ADDRESS OF THE SIOT
		4 LINES DELETED BY APAR OY66987			
24	(18)	SIGNED	4	DDLVJFCB	PTR TO VOLS IN JFCB
28	(1C)	SIGNED	4	DDLVL#1	PTR TO VOLS IN JFCBX #1
32	(20)	SIGNED	4	DDLVL#2	PTR TO VOLS IN JFCBX #2
36	(24)	SIGNED	4	DDLVL#3	PTR TO VOLS IN JFCBX #3
40	(28)	SIGNED	4	DDLVL#4	PTR TO VOLS IN JFCBX #4
44	(2C)	SIGNED	4	DDLVL#5	PTR TO VOLS IN JFCBX #5
48	(30)	SIGNED	4	DDLVL#6	PTR TO VOLS IN JFCBX #6
52	(34)	SIGNED	4	DDLVL#7	PTR TO VOLS IN JFCBX #7
56	(38)	SIGNED	4	DDLVL#8	PTR TO VOLS IN JFCBX #8
60	(3C)	SIGNED	4	DDLVL#9	PTR TO VOLS IN JFCBX #9
64	(40)	SIGNED	4	DDLVL#10	PTR TO VOLS IN JFCBX #10
68	(44)	SIGNED	4	DDLVL#11	PTR TO VOLS IN JFCBX #11
72	(48)	SIGNED	4	DDLVL#12	PTR TO VOLS IN JFCBX #12
76	(4C)	SIGNED	4	DDLVL#13	PTR TO VOLS IN JFCBX #13
80	(50)	SIGNED	4	DDLVL#14	PTR TO VOLS IN JFCBX #14
84	(54)	SIGNED	4	DDLVL#15	PTR TO VOLS IN JFCBX #15
88	(58)	SIGNED	4	DDLVL#16	PTR TO VOLS IN JFCBX #16
92	(5C)	SIGNED	4	DDLVL#17	PTR TO VOLS IN JFCBX #17
96	(60)	SIGNED	4	DDLVREF	BK REF ID (VOL=REF/SUB/SPLT)
100	(64)	ADDRESS	4	DDLANAM	Pointer to temporary data set name (SCTANAME)
104	(68)	SIGNED	4	DDLDSNP	PTR TO DSN FOR VOL=REF=DSN
108	(6C)	SIGNED	4	DDLUAFFP	UNIQUE ID OF AFF'D REQUEST
112	(70)	SIGNED	4	DDLDCBP	PTR TO DSN FOR DCB=DSN
116	(74)	SIGNED	4	DDLLIKEP	PTR TO DSN FOR LIKE=DSN
		THE FOLLOWING TWO FIELDS ARE PASSED TO IFG0JES3. THEY MUST BE CONTIGUOUS.			
120	(78)	CHARACTER	8	DDLSMSUT	SMS MANAGED MOUNTABLE UNIT- NAME
128	(80)	SIGNED	4	DDLULIST	POINTER TO UNITNAME LIST

Table 80. Structure IATYDDL (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
132	(84)	SIGNED	4	DDLUAFFI	SIOT ADDRESS OF DD SPECIFIED ON UNIT=AFF REQUEST
		THIS LINE DELETED BY APAR OW38427			
136	(88)	SIGNED	2	DDLRSVSR	RESERVED FOR SERVICE
138	(8A)	SIGNED	2	DDLDSSEQ	DATA SET SEQUENCE NUMBER FROM LABEL PARAMETER
140	(8C)	SIGNED	2	DDLDSND	STEP # OF DSN DEQ
142	(8E)	BITSTRING	1	DDLNUMUN	NUMBER OF UNITS REQUESTED
143	(8F)	BITSTRING	1	DDLDCBL	LEN OF DSN FOR DCB=DSN
144	(90)	BITSTRING	1	DDLLIKEL	LEN OF DSN FOR LIKE=DSN
145	(91)	BITSTRING	1	DDLMEDIA	MEDIA TYPE (FROM JFCTDSI1)
146	(92)	BITSTRING	1	DDLDSNL	LEN OF DSN FOR VOL=REF=DSN
147	(93)	BITSTRING	1	DDLNOVLS	COUNT OF VOLUMES SPECIFIED
148	(94)	BITSTRING	1	DDLVOLCT	VOLCOUNT OF MAX VOLS
149	(95)	BITSTRING	1	DDLVLSEQ	VOLUME SEQUENCE NUMBER
150	(96)	BITSTRING	1	DDLFLG1	FLAG1 - LABEL INFORMATION
		DEFINITION OF DDLFLG1 - LABEL INFORMATION			
		.1..		DDLAL	"X'40'" AL (IF BIT 4 ON THEN AUL)
		..1.		DDLLTM	"X'20'" DOS LEADING TAPE MARK
		...1		DDLBLP	"X'10'" BYPASS LABEL PROCESSING
		.... 1.1.		DDLUL	"X'0A'" USER LABEL
		.... .1..		DDLNSL	"X'04'" NONSTANDARD LABEL
		.... ..1.		DDLSL	"X'02'" STANDARD LABEL
		1		DDLNL	"X'01'" NO LABEL
151	(97)	BITSTRING	1	DDLFLG2	FLAG2 - DISPOSITION
		DEFINITION OF DDLFLG2 - DISP INFORMATION			
		11..		DDLNEW	"X'C0'" DISP=NEW
		1...		DDLMOD	"X'80'" DISP=MOD
		.1..		DDLOLD	"X'40'" DISP=OLD
		..1.		DDLXXXX1	"X'20'" RSRVD FOR DEVELOPMENT
		...1		DDLPASS	"X'10'" DISP=PASS
		.... 1...		DDLKEEP	"X'08'" DISP=KEEP
		.... .1..		DDLDEL	"X'04'" DISP=DELETE
		.... ..1.		DDLCAT	"X'02'" DISP=CATLG
		1		DDLUCAT	"X'01'" DISP=UNCATLG
152	(98)	BITSTRING	1	DDLFLG3	FLAG3 - EXPLICIT BACK REF
		DEFINITION OF DDLFLG3 - EXPLICIT BACK REF			
		1...		DDLUNAFF	"X'80'" UNIT AFFINITY SPECIFIED
		.1..		DDLVLRDD	"X'40'" VOL=REF=DD SPECIFIED
		..1.		DDLVLRDS	"X'20'" VOL=REF=DSN SPECIFIED
		...1		DDLDCBRF	"X'10'" DCB=DSNAME SPECIFIED
		.... 1...		DDLSMS	"X'08'" THE DATA SET IS SMS MANAGED

Table 80. Structure IATYDDL (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... .1..		DDLVRFEX	"X'04'" A REFERENCE TO AN LVS ENTRY EXISTS AND SHOULD BE INCLUDED IN THE REFERENCING ENTRY
		.... ..1.		DDLVRPAS	"X'02'" PASSED DATASET
		1		DDLJSCRF	"X'01'" PRIV. CATLG. REFERENCE
153	(99)	BITSTRING	1	DDLFLG4	FLAG4 - REQUEST STRIKE OUT
		DEFINITION OF DDLFLG4 - REQUEST STRIKE OUT			
		1...		DDLDUM	"X'80'" DD DUMMY WAS SPECIFIED
		.1..		DDLSYS	"X'40'" SYSIN/SYSOUT DATA SET
		..1.		DDLTERMT	"X'20'" TSO TERM=TS
		...1		DDLQNAM	"X'10'" TCAM QNAME=
		.... 1...		DDLNUNIT	"X'08'" POSSIBLE INVALID UNIT
		.... .1..		DDLGDGAL	"X'04'" POTENTIAL GDG-ALL
		.... ..1.		DDLDCBDS	"X'02'" CREATE IJS FOR DCB=DSN
		1		DDLINVU	"X'01'" UNSUPPORTED/INVALID UNIT
154	(9A)	BITSTRING	1	DDLFLG5	FLAG5 - GENERAL INFO #1
		DEFINITION OF DDLFLG5 - GENERAL INFO #1			
		1...		DDLPCAT	"X'80'" POTENTIAL CATAL REQUEST
		.1..		DDLISAM	"X'40'" DSORG=IS SPECIFIED
		..1.		DDLCCAT	"X'20'" CONCATENATED DD REQ
		...1		DDLGDSN	"X'10'" GENERATED DSN
		.... 1...		DDLJOBL	"X'08'" JOBLIB DD REQUEST
		.... .1..		DDLJSCAT	"X'04'" JOBCAT/STEPCAT REQUEST
		.... ..1.		DDLCATC	"X'02'" CONCATENATED PRIVATE CATALOG
		1		DDLGDGS	"X'01'" GDG SINGLE REQUEST
155	(9B)	BITSTRING	1	DDLFLG6	FLAG6 - GENERAL INFO #2
		DEFINITION OF DDLFLG6 - GENERAL INFO #2			
		1...		DDLDEFER	"X'80'" DEFER MOUNTING REQUEST
		.1..		DDLDSCR	"X'40'" SCRATCH REQUEST
		..1.		DDLDPAR	"X'20'" PARALLEL MOUNT REQUEST
		...1		DDLJOBC	"X'10'" JOBCAT DD - SET BY IATIIPR
		.... 1...		DDLINOUT	"X'08'" IN/OUT TYPE OF DATA SET
		.... .1..		DDLOUTIN	"X'04'" OUT/IN TYPE OF DATA SET
		.... ..1.		DDLPRIV	"X'02'" PRIVATE WAS SPECIFIED
		1		DDLDDEL	"X'01'" DATA SET DELETED IN 0122 PREVIOUS STEP 0122
156	(9C)	BITSTRING	1	DDLFLG7	FLAG7 - GENERAL INFO #3
		DEFINITION OF DDLFLG7 - GENERAL INFO #3			
		1...		DDLDSSYS	"X'80'" 'SUBSYS=' SPECIFIED
		.1..		DDLMSVGP	"X'40'" 'MSVGP=' SPECIFIED
		..1.		DDLUNCAT	"X'20'" DATASET TO BE LOCATED HAS BEEN UNCATALOGED

Table 80. Structure IATYDDL (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		...1		DDLSSRCH	"X'10'" SPECIAL PASS/CAT SEARCH FOR NEW MSVGP DATASET
		.... 1...		DDLDMND	"X'08'" DEMAND ALLOCATION REQUEST (I.E. SIOTDMND)
		.... .1..		DDLRFMOD	"X'04'" INDICATES PROBABLE REF TO DATA SET WITH DISP=(MOD,)
		.... ..1.		DDLJVTCD	"X'02'" JVT ENTRY HAS BEEN CREATED FOR THIS DD STATEMENT
		1		DDLSPMOD	"X'01'" INDICATES SPECIAL DISP=(MOD,) PROCESSING IS REQUIRED.
157	(9D)	BITSTRING	1	DDLFLG8	FLAG8 - GENERAL INFO #4
		DEFINITION OF DDLFLG8 GENERAL INFO #4			
		1...		DDLDSRC	"X'80'" UNIT SEARCHED
		.1..		DDLCREJB	"X'40'" THIS DATA SET WAS CREATED IN THIS JOB
		..1.		DDLMDNEW	"X'20'" A DISP=MOD REQUEST IS REALLY A DISP=NEW REQUEST. THIS FLAG IS USED BY IATIIPR WHEN SETTING THE DISPOSITION IN THE LVS ENTRY.
		...1		DDLDEFUN	"X'10'" THE UNIT TYPE FOR THIS DD IS A DEFAULT ASSIGNED BY SMS IDAX
		THE SIOTHIER BIT IN SIOTBYT4 IS SET TO INDICATE THAT SIOT REPRESENTS A HIERARCHICAL FILE. DDLHIER WILL BE SET IN IATIICM TO INDICATE A HIERARCHICAL FILE TO IATIIPR.			
		.... 1...		DDLHIER	"X'08'" A HIERARCHICAL FILE SPECIFIED
		.... .1..		DDLDUPT	"X'04'" STORCLAS=DUPT@SMS SPEC'D
		---------- 18531TAA The following two bits must be consecutive and maintained 18531TAA in the same order as the LVSDLIFO/LVSDFIFO flags in the 18531TAA LVS (IATYLVS). 18531TAA ---------- 18531TAA			
		.... ..1.		DDLGDGLI	"X'02'" GDGORDER=LIFO specified 18531TAA
		1		DDLGDGFI	"X'01'" GDGORDER=FIFO specified 18531TAA
158	(9E)	BITSTRING	1	DDLFLG9	GENERAL INFORMATION FLAG
		DEFINITION OF DDLFLG9 - GENERAL INFO			
		1...		DDLSMSMM	"X'80'" SMS MANAGED MOUNTABLE
		.1..		DDLURORD	"X'40'" UNIT AFFINITY WAS INVALID. THE AFF'ING DD HAS TO USE THE UNIT ON THE AFF'D DD OR AN EDTINFO DEFAULT.
		..1.		DDLRQ522	"X'20'" JOB REQUIRES A MINIMUM 522 SYSTEM TO EXECUTE
		...1		DDLAFOLD	"X'10'" THIS REQUEST (OR ONE THAT IT REFERENCES) SPECIFIES UNIT AFFINITY TO A REQUEST IN WHICH DISP IS NOT NEW
		.... 1...		DDLRF908	"X'08'" RESERVED
		.... .1..		DDLRF904	"X'04'" RESERVED
		.... ..1.		DDLSMSHN	"X'02'" SMSHONOR JCL KEYWORD SPEC'D
		1		DDLRF901	"X'01'" RESERVED
159	(9F)	BITSTRING	1	DDLFLGA	RESERVED FOR USER

Table 80. Structure IATYDDL (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
160	(A0)	BITSTRING	1	DDLEND(0)	END OF DDL ENTRY

Table 81. Cross Reference for IATYDDL

Name	Offset	Hex Tag
DDLAFOLD	9E	10
DDLAL	96	40
DDLANAM	64	
DDLBLP	96	10
DDLCAT	97	2
DDLCATC	9A	2
DDLCCAT	9A	20
DDLCREJB	9D	40
DDLDCBDS	99	2
DDLDCBL	8F	0
DDLDCBP	70	0
DDLDCBRF	98	10
DDLDDEL	9B	1
DDLDDNAM	0	0
DDLDEFER	9B	80
DDLDEFUN	9D	10
DDLDEL	97	4
DDLDMND	9C	8
DDLDPAR	9B	20
DDLDSCR	9B	40
DDLDSN	4	0
DDLDSND	8C	0
DDLDSNL	92	0
DDLDSNP	68	0
DDLDSNQ	8	0
DDLDSRC	9D	80
DDLDSSEQ	8A	0
DDLDSSYS	9C	80
DDLDUM	99	80
DDLDUPT	9D	4
DDLEND	A0	
DDLFLGA	9F	0
DDLFLG1	96	0
DDLFLG2	97	0
DDLFLG3	98	0
DDLFLG4	99	0
DDLFLG5	9A	0
DDLFLG6	9B	0
DDLFLG7	9C	0
DDLFLG8	9D	0
DDLFLG9	9E	0

Table 81. Cross Reference for IATYDDL (continued)

Name	Offset	Hex Tag
DDLGDGAL	99	4
DDLGDGFI	9D	1
DDLGDGLI	9D	2
DDLGDGS	9A	1
DDLGDSN	9A	10
DDLHIER	9D	8
DDLINOUT	9B	8
DDLINVU	99	1
DDLISAM	9A	40
DDLJOBC	9B	10
DDLJOBL	9A	8
DDLJSCAT	9A	4
DDLJSCRF	98	1
DDLJVTCD	9C	2
DDLKEEP	97	8
DDLLIKEL	90	0
DDLLIKEP	74	0
DDLLTM	96	20
DDLMDNEW	9D	20
DDLMEDIA	91	0
DDLMOD	97	80
DDLMSVGP	9C	40
DDLNEW	97	C0
DDLNL	96	1
DDLNOVLS	93	0
DDLNSL	96	4
DDLNUMUN	8E	0
DDLNUNIT	99	8
DDLOLD	97	40
DDLOUTIN	9B	4
DDLPASS	97	10
DDLPCAT	9A	80
DDLPRIV	9B	2
DDLQNAM	99	10
DDLRFMOD	9C	4
DDLRF901	9E	1
DDLRF904	9E	4
DDLRF908	9E	8
DDLRQ522	9E	20
DDLRSVSR	88	0
DDLSL	96	2
DDLSMS	98	8
DDLSMSHN	9E	2
DDLSMSMM	9E	80
DDLSMSUT	78	40404040
DDLSPMOD	9C	1

Table 81. Cross Reference for IATYDDL (continued)

Name	Offset	Hex Tag
DDLSSRCH	9C	10
DDLSYS	99	40
DDLTERMT	99	20
DDLUAFFI	84	0
DDLUAFFP	6C	0
DDLUCAT	97	1
DDLUL	96	A
DDLULIST	80	0
DDLUNAFF	98	80
DDLUNCAT	9C	20
DDLUNIQ	14	0
DDLUNIT	C	0
DDLURORD	9E	40
DDLVJFCB	18	0
DDLVL#1	1C	0
DDLVL#10	40	0
DDLVL#11	44	0
DDLVL#12	48	0
DDLVL#13	4C	0
DDLVL#14	50	0
DDLVL#15	54	0
DDLVL#16	58	0
DDLVL#17	5C	0
DDLVL#2	20	0
DDLVL#3	24	0
DDLVL#4	28	0
DDLVL#5	2C	0
DDLVL#6	30	0
DDLVL#7	34	0
DDLVL#8	38	0
DDLVL#9	3C	0
DDLVLRDD	98	40
DDLVLRDS	98	20
DDLVLSEQ	95	0
DDLVOLCT	94	0
DDLVREF	60	0
DDLVRFEX	98	4
DDLVRPAS	98	2
DDLXXXX1	97	20
DDL4DGT	10	40404040
IATYDDL	0	

IATYDEX information

IATYDEX heading information

Common name:	Dump Exit work area
Macro ID:	IATYDEX
DSECT name:	DEXSTART
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	'DEX ' Offset: 0 Length: 4
Storage attributes:	Auxiliary Storage: N/A Subpool: 252 Key: 0 Residency: Above 16M
Size:	DEXSIZE
Created by:	IATABTDX
Pointed to by:	Contained in the work area passed to dump exits in SDMSE_INPUT_WORKAREA_ADDR within IHASDMSE.
Serialization:	NONE
Function:	This macro defines the work area used by the tailored SVC dump exit.

IATYDEX mapping

Table 82. Structure DEXSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	DEXSTART	
0	(0)	CHARACTER	4	DEXEYE	Eyecatcher
4	(4)	BITSTRING	1	DEXFLAG1	Flag byte 1
		1...		DEXPJES3	"X'80'" JES3 present
		.1..		DEXPJ3AX	"X'40'" JES3AUX present
		..1.		DEXPJXCF	"X'20'" JESXCF present
		...1		DEXSSIAC	"X'10'" At least one ASID is active in an SSI
		.... 1...		DEXADANY	"X'08'" An ASID was added
		.... .1..		DEXF1R04	"X'04'" Reserved for IBM
		.... ..1.		DEXF1R02	"X'02'" Reserved for IBM
		1		DEXF1R01	"X'01'" Reserved for IBM
5	(5)	BITSTRING	3	DEXRSVD1	Reserved for IBM
DUMP command data definitions					
8	(8)	DBL WORD	8	DEXDUTS	Exit invocation time stamp
DEXMGCRL MGCRE MF=L					
16	(10)	SIGNED	2	DEXMGCRL(0)	MGCRE PARAMTER LIST
16	(10)	ADDRESS	1		FLAG FIELD '00'
17	(11)	ADDRESS	1		RESERVED
18	(12)	BITSTRING	1		FLAG FIELD
19	(13)	BITSTRING	1		FLAG FIELD 2
20	(14)	CHARACTER	5		CONTROL BLOCK ACRONYM 'MGCRE'

Table 82. Structure DEXSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
25	(19)	ADDRESS	1		VERSION LEVEL
26	(1A)	BITSTRING	1		FLAG FIELD 3
27	(1B)	ADDRESS	1		RESERVED
28	(1C)	ADDRESS	4		ADDRESS OF THE COMMAND TEXT
32	(20)	ADDRESS	4		TOKEN
36	(24)	CHARACTER	8		CONSOLE NAME
44	(2C)	ADDRESS	4		CONSOLE ID
48	(30)	BITSTRING	1		COMMAND DISPOSITION
49	(31)	BITSTRING	2		COMMAND AUTHORITY LEVEL
51	(33)	BITSTRING	1		RESERVED
52	(34)	BITSTRING	8		COMMAND AND RESPOSE TOKEN
60	(3C)	BITSTRING	8		SYSTEM NAME
68	(44)	ADDRESS	4		UTOKEN ADDRESS
72	(48)	BITSTRING	4		RESERVED
72	(48)	X'3C'	0	DEXMGCRE	"*-DEXMGCRL"
76	(4C)	SIGNED	2	DEXCMDLN	Command text length
78	(4E)	CHARACTER	53	DEXCMD	
0	(0)	X'8E'	0	DEXCMDEN	"*" End of command
144	(90)	DBL WORD	8	DEXEND(0)	End of DEX on DW boundary
144	(90)	X'90'	0	DEXSIZE	"DEXEND-DEXSTART" Size of DEX

Table 83. Cross Reference for IATYDEX

Name	Offset	Hex Tag
DEXADANY	4	8
DEXCMD	4E	
DEXCMDEN	0	8E
DEXCMDLN	4C	
DEXDUTS	8	
DEXEND	90	
DEXEYE	0	
DEXFLAG1	4	
DEXF1R01	4	1
DEXF1R02	4	2
DEXF1R04	4	4
DEXMGCRE	48	3C
DEXMGCRL	10	
DEXPJES3	4	80
DEXPJXCF	4	20
DEXPJ3AX	4	40
DEXRSVD1	5	
DEXSIZE	90	90
DEXSSIAC	4	10
DEXSTART	0	

IATYDFB information

IATYDFB heading information

Common name: ABEND DFB ERROR CODE DEFINITIONS

Macro ID: IATYDFB

DSECT name:

Owning component: JES3 (SC1BA)

Eye-catcher ID: NONE

Storage attributes: Main Storage: N/A
Auxiliary Storage: N/A

Size:

Created by: N/A

Pointed to by: N/A

Serialization: NONE

Function: Definition of error code returned in R15
when an error is detected during processing
in an FSS Address space.
Definition of error code posted by a
Netserv subtask during datastream
processing.
NOTES =
CODES: 1 - 10 : ERROR CODES USED BY THE CONNECT/
DISCONNECT SSI ROUTINE IATSICD.
11 - 20 : ERROR CODES USED BY THE COMMON END
OF TASK EXIT ROUTINE IN IATSICD.
21 - 30 : ERROR CODES USED BY THE WRITER FSA
SPECIFIC CONNECT ROUTINE IATFPCC.
31 - 40 : ERROR CODES USED BY THE FSS OR
FSA LISTEN TASK IATFCLT AND THE
INTERFACE ROUTINES IT INVOKES.
41 - 50 : ERROR CODES USED BY THE CI FSS
ORDER PROCESSING ROUTINE IATIIFO.
51 - 60 : ERROR CODES USED BY THE WRITER FSA
QUICK-CELL SERVICE ROUTINE IATFPQC.
61 - 70 : ERROR CODES USED BY THE WRITER FSA
GETDS ROUTINE IATFPGD.
71 - 80 : ERROR CODES USED BY THE WRITER FSA
SWB-BUILDING SERVICE ROUTINE
IATFPSB.
81 - 90 : ERROR CODES USED BY THE WRITER FSA
READ-AHEAD TASK IATFPRA.
91 - 100: ERROR CODES USED BY THE WRITER FSA
CHECKPOINT WRITER TASK IATFPCW.
X'65' - X'6E': ERROR CODES USED BY THE NJE/TCP
NETSERV SERVER EXITS.

IATYDFB mapping

Table 84. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		
		ERROR CODES USED BY THE CONNECT/DISCONNECT SSI ROUTINE IATSICD: 1 - 10.			
0	(0)	X'1'	0	DFBCDTOK	"1" NO TOKEN SUPPLIED ON START COMMAND
0	(0)	X'2'	0	DFBCDMEM	"2" UNABLE TO LOCATE MEMDATA HEADER FOR FSS ADDRESS SPACE
0	(0)	X'3'	0	DFBCDLT	"3" UNABLE TO ESTABLISH LISTEN TASK FOR FSS OR FSA
0	(0)	X'4'	0	DFBCDSP	"4" INVALID OR NO START COMMAND PARMS ON MVS START COMMAND

Table 84. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	X'5'	0	DFBCDXAT	"5" IATSICD - FAILURE DURING IXZXIXAT (ATTACH)
0	(0)	X'6'	0	DFBCDXMB	"6" IATSICD - FAILURE DURING IXZXIXMB (MAIL BOX BUILD FOR THE DEFAULT MAIL BOX)
0	(0)	X'7'	0	DFBCDXMD	"7" IATSICD - FAILURE DURING IXZXIXMD (MAIL BOX DELETE FOR THE DEFAULT MAIL BOX)
0	(0)	X'8'	0	DFBCDXDT	"8" IATSICD - FAILURE DURING IXZXIXDT (DETACH)
0	(0)	X'9'	0	DFBCGFMN	"9" IATSICD - failure using GETMAIN/ FREEMAIN
		ERROR CODES USED BY THE COMMON END OF TASK EXIT ROUTINE IN IATSICD: 11 - 20.			
0	(0)	X'B'	0	DFBCDUTT	"11" UNEXPECTED TERMINATION OF AN FSS OR FSA TASK
0	(0)	X'C'	0	DFBCDUNK	"12" UNABLE TO IDENTIFY TERMINATED TASK
0	(0)	X'D'	0	DFBCDLTA	"13" LISTEN TASK ABEND DUE TO NON-ZERO RETURN CODE FROM ORDER ROUTINE (FOLLOWS DFB-1F)
		ERROR CODES USED BY THE WRITER FSA SPECIFIC CONNECT ROUTINE IATFPCC: 21 - 30.			
0	(0)	X'15'	0	DFBCCACC	"21" UNABLE TO INITIALIZE FOR GETDS SPOOL ACCESS USING BLOCK SPOOLER
0	(0)	X'16'	0	DFBCCRAT	"22" UNABLE TO ESTABLISH READ-AHEAD TASK FOR FSA
0	(0)	X'17'	0	DFBCCCWT	"23" UNABLE TO ESTABLISH CHECKPOINT WRITER TASK FOR FSA
		ERROR CODES USED BY THE FSS OR FSA LISTEN TASK IATFCLT AND THE INTERFACE ROUTINES IT INVOKES: 31 - 40.			
0	(0)	X'1F'	0	DFBLTORD	"31" NON-ZERO RETURN CODE RECEIVED FROM FSS OR FSA ORDER ROUTINE - ISSUED BY FSI ORDER INTERFACE ROUTINE IATFCOR
0	(0)	X'20'	0	DFBLTPOS	"32" NON-ZERO RETURN CODE RECEIVED FROM FSA POST ROUTINE - ISSUED BY FSI POST INTERFACE ROUTINE IATFCPT
0	(0)	X'21'	0	DFBCDFMB	"33" IATFCLT - FAILURE DURING IXZXIXMB (MAIL BOX BUILD FOR A FSS/FSA MAIL BOX) ISSUED BY IATSICD
0	(0)	X'22'	0	DFBCDFMC	"34" IATFCLT - FAILURE DURING IXZXIXMC (MAIL BOX CLEAR FOR A FSS/FSA MAIL BOX) ISSUED BY IATSICD
0	(0)	X'23'	0	DFBCDFRM	"35" IATFCLT - FAILURE DURING IXZXIXRM (RECEIVE MESSAGE FOR A FSS/FSA MAIL BOX)
0	(0)	X'24'	0	DFBCDFAK	"36" IATFCLT - FAILURE DURING IXZXIXAC (ACKNOWLEDGE MESSAGE FOR A FSS/FSA MAIL BOX)
0	(0)	X'25'	0	DFBCDFMD	"37" IATFCLT - FAILURE DURING IXZXIXMD (MAIL BOX DELETE FOR FSS/FSA MAILBOX)
0	(0)	X'26'	0	DFBPFSAA	"38" Stop FSA abnormal received; the FSA task is abended.

Table 84. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		ERROR CODES USED BY THE CI FSS ORDER PROCESSING ROUTINE IATIIFO : 41 - 50.			
0	(0)	X'29'	0	DFBFONAO	"41" FSIP WAS NOT AN ORDER TYPE
0	(0)	X'2A'	0	DFBFOIOT	"42" ORDER TYPE IS INVALID
0	(0)	X'2B'	0	DFBFOISO	"43" INVALID STOP FSS TYPE
0	(0)	X'2C'	0	DFBFOISL	"44" INVALID SRL (NO CCB FOUND)
		ERROR CODES USED BY THE WRITER FSA QUICK-CELL SERVICE ROUTINE IATFPQC : 51 - 60.			
0	(0)	X'33'	0	DFBQCGIN	"51" GET INDEX REQUEST FAILURE - FIRST FREE INDEX INVALID
0	(0)	X'34'	0	DFBQCGBF	"52" GET BUFFER REQUEST FAILURE - FIRST FREE BUFFER INVALID
0	(0)	X'35'	0	DFBQCFIN	"53" FREE INDEX REQUEST FAILURE - INVALID INDEX PASSED
0	(0)	X'36'	0	DFBQCFBF	"54" FREE BUFF REQUEST FAILURE - INVALID BUFFER PASSED
		ERROR CODES USED BY THE WRITER FSA GETDS ROUTINE IATFPGD : 61 - 70.			
0	(0)	X'3D'	0	DFBGDBLK	"61" BLOCK SPOOLER PARAMETER LIST ERROR READING CHECKPOINT RECORD
0	(0)	X'3E'	0	DFBGDSPA	"62" BLOCK SPOOLER SPOOL ADDRESS ERROR READING CHECKPOINT RECORD
0	(0)	X'3F'	0	DFBGDXMM	"63" BLOCK SPOOLER CROSS-MEMORY MOVE ERROR READING CHECKPOINT RECORD
		ERROR CODES USED BY THE WRITER FSA SWB-BUILDING SERVICE ROUTINE IATFPSB : 71 - 80.			
0	(0)	X'47'	0	DFBSBBLK	"71" BLOCK SPOOLER PARAMETER LIST ERROR READING SWB
0	(0)	X'48'	0	DFBSBSPA	"72" BLOCK SPOOLER SPOOL ADDRESS ERROR READING SWB
0	(0)	X'49'	0	DFBSBXMM	"73" BLOCK SPOOLER CROSS-MEMORY MOVE ERROR READING SWB
0	(0)	X'4A'	0	DFBSBPUT	"74" ERROR RETURN FROM SJF PUTSWB FUNCTION
0	(0)	X'4B'	0	DFBSBUPD	"75" ERROR RETURN FROM SJF UPDATE FUNCTION
0	(0)	X'4C'	0	DFBSBDEL	"76" ERROR RETURN FROM SJF DELETESWB FUNCTION
		ERROR CODES USED BY THE WRITER FSA READ-AHEAD TASK IATFPRA : 81 - 90.			
0	(0)	X'51'	0	DFBRAACC	"81" UNABLE TO INITIALIZE FOR SPOOL ACCESS USING BLOCK SPOOLER
0	(0)	X'52'	0	DFBRABLK	"82" BLOCK SPOOLER PARAMETER LIST ERROR READING DATA FROM SPOOL
0	(0)	X'53'	0	DFBRASPA	"83" BLOCK SPOOLER SPOOL ADDRESS ERROR READING DATA FROM SPOOL
0	(0)	X'54'	0	DFBRAXMM	"84" BLOCK SPOOLER CROSS-MEMORY MOVE ERROR READING DATA FROM SPOOL
0	(0)	X'55'	0	DFBRAFMT	"85" SPOOL DATA FORMAT ERROR
0	(0)	X'56'	0	DFBRAJNW	"86" JESNEWS DATA FORMAT ERROR

Table 84. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		ERROR CODES USED BY THE WRITER FSA CHECKPOINT WRITER TASK IATFPCW : 91 - 100.			
0	(0)	X'5B'	0	DFBCWACC	"91" UNABLE TO INITIALIZE FOR SPOOL ACCESS USING BLOCK SPOOLER
0	(0)	X'5C'	0	DFBCWBLK	"92" BLOCK SPOOLER PARAMETER LIST ERROR WRITING CHECKPOINT RECORD
0	(0)	X'5D'	0	DFBCWSPA	"93" BLOCK SPOOLER SPOOL ADDRESS ERROR WRITING CHECKPOINT RECORD
0	(0)	X'5E'	0	DFBCWXMM	"94" BLOCK SPOOLER CROSS-MEMORY MOVE ERROR WRITING CHECKPOINT RECORD
		ERROR CODES USED BY THE NJE/TCP NETSERV SERVER EXITS : X'65' - X'6E'			
		.11. .1.1		DFBISYIR	"X'65'" DATASTREAM ERROR ON INBOUND SYSIN RECORD
		.11. .11.		DFBISYOR	"X'66'" DATASTREAM ERROR ON INBOUND SYSOUT RECORD
		.11. .111		DFBOSYIR	"X'67'" DATASTREAM ERROR ON OUTBOUND SYSIN RECORD
		.11. 1...		DFBOSYOR	"X'68'" DATASTREAM ERROR ON OUTBOUND SYSOUT RECORD

Table 85. Cross Reference for IATYDFB

Name	Offset	Hex Tag
DFBCCACC	0	15
DFBCCCWT	0	17
DFBCCRAT	0	16
DFBCDFAK	0	24
DFBCDFMB	0	21
DFBCDFMC	0	22
DFBCDFMD	0	25
DFBCDFRM	0	23
DFBCDLT	0	3
DFBCDLTA	0	D
DFBCDMEM	0	2
DFBCDSP	0	4
DFBCDTOK	0	1
DFBCDUNK	0	C
DFBCDUTT	0	B
DFBCDXAT	0	5
DFBCDXDT	0	8
DFBCDXMB	0	6
DFBCDXMD	0	7
DFBCGFMN	0	9
DFBCWACC	0	5B
DFBCWBLK	0	5C
DFBCWSPA	0	5D
DFBCWXMM	0	5E
DFBFOIOT	0	2A

Table 85. Cross Reference for IATYDFB (continued)

Name	Offset	Hex Tag
DFBFOISL	0	2C
DFBFOISO	0	2B
DFBFONAO	0	29
DFBGDBLK	0	3D
DFBGDSPA	0	3E
DFBGDXMM	0	3F
DFBISYIR	0	65
DFBISYOR	0	66
DFBLTORD	0	1F
DFBLTPOS	0	20
DFBOSYIR	0	67
DFBOSYOR	0	68
DFBPFSAA	0	26
DFBQCFBF	0	36
DFBQCFIN	0	35
DFBQCGBF	0	34
DFBQCGIN	0	33
DFBRAACC	0	51
DFBRABLK	0	52
DFBRAFMT	0	55
DFBRAJNW	0	56
DFBRASPA	0	53
DFBRAXMM	0	54
DFBSBBLK	0	47
DFBSBDEL	0	4C
DFBSBPUT	0	4A
DFBSBSPA	0	48
DFBSBUPD	0	4B
DFBSBXMM	0	49

IATYDFC information

IATYDFC programming interface information

IATYDFC is a programming interface.

IATYDFC heading information

Common name:	DEVICE FENCE CONTROL BLOCK
Macro ID:	IATYDFC
DSECT name:	DFCSTART, DFCENTRY
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	NONE
Storage attributes:	Main Storage: JESPOOL Auxiliary Storage: JES3 spool (within the JST for the device fence job)
Size:	60 Bytes
Created by:	IATINM2

Pointed to by: TVTDFCB IN IATYTVT

Serialization: NONE

Function: This data area contains information used to allocate or deallocate fenced devices for job class groups or DJC networks.

IATYDFC mapping

Table 86. Structure DFCSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	DFCSTART	
0	(0)	SIGNED	2	DFCFIXL	LENGTH OF DFCB HEADER
2	(2)	BITSTRING	1	DFCJSTID	JSTENTRY ID
3	(3)	BITSTRING	1	DFCFLG1	DFCB FLAG BYTE
		Definition of DFCFLG1.			
		1...		DFCGRP	"X'80'" Device fence by group (i.e. DEVPOOL specified on the GROUP statement)
		.1..		DFCEXR	"X'40'" Device fence by main (i.e. device information specified in the EXRESC parameter of the GROUP statement)
		..1.		DFCDJC	"X'20'" DEVICE FENCE FOR DJC NET
		...1		DFCANY	"X'10'" ALLOC ALLOWED OUTSIDE FENCE
		.... 1...		DFCACT	"X'08'" DEVICE FENCE IS ACTIVE
		.... .1..		DFCLAST	"X'04'" Last DFCB in the chain. The setting/resetting of this flag is not maintained properly. Use DFCHAIN=0 to find last DFCB instead of using this flag.
		.... ..1.		DFCPEND	"X'02'" DEVICE DEDICATION IN PROGRES
		1		DFCDIS	"X'01'" DEVICE DEDICATION FAILED
4	(4)	CHARACTER	8	DFCGNAME	Job class group name or DJC network id
12	(C)	ADDRESS	4	DFCHAIN	Address of next DFCB
16	(10)	BITSTRING	1	DFCFLG2	FLAG BYTE 2
		Definition of DFCFLG2.			
		1...		DFCALLO	"X'80'" REQUEST DEVICE DEDICATION
		.1..		DFCUALL	"X'40'" REQUEST DEVICE UNALLOCATION
		..1.		DFCBJST	"X'20'" REQUEST BUILD JST
		...1		DFCJSTON	"X'10'" JST BUILT FOR THIS DFCB
		.... 1...		DFCINUSE	"X'08'" USED TO SYNCHRONIZE GMS/MDS
		.... .1..		DFCINDDC	"X'04'" The fence associated with this DFCB was found in the DDC during a restart
		.... ..1.		DFCRF202	"X'02'" Reserved flag
		1		DFCRF201	"X'01'" Reserved flag
17	(11)	BITSTRING	1	DFCFLG3	Flag byte 3
		Definition of DFCFLG3.			

Table 86. Structure DFCSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		DFCJSTDS	"X'80'" During a hot start with refresh, the old JST for the device fence was discarded because the new device fence definition no longer matches the old one. A new JST will be built after MDS restart.
		.1..		DFCHRUPD	"X'40'" During a hot start with refresh, the spooled DFCB in the JST was updated with new information.
18	(12)	BITSTRING	1	DFCENUM	Number of device entries
19	(13)	BITSTRING	1	DFCRSVD1	Reserved for development
20	(14)	SIGNED	2	DFCTSIZE	Total size of this DFCB
22	(16)	SIGNED	2	DFCRSVD2	Reserved for development
24	(18)	SIGNED	4	DFCRESQ(0)	RQ address during fence allocation
24	(18)	CHARACTER	8	DFCMNAME	Main processor name - used only during initialization
32	(20)	SIGNED	4	DFCRQM	MAIN MASK FOR ALLOCATION
Device fence id.					
36	(24)	CHARACTER	4	DFCFNCID(0)	FENCE IDENTIFIER
36	(24)	BITSTRING	1	DFCALOPT	Allocation option indicator X'FF' = Allocation ANY X'00' = Allocation GROUP/NET
37	(25)	BITSTRING	1	DFCSEQN	SEQUENCE NUMBER THIS DFCB
38	(26)	SIGNED	2	DFCCKIDX	INDEX TO CHECK POINT FDB
40	(28)	SIGNED	2	DFCVARL	LENGTH OF VARIABLE ENTRY
42	(2A)	BITSTRING	1	DFCGPSEQ	GROUP SEQUENCE NUMBER
43	(2B)	BITSTRING	1	DFCMNSEQ	MAIN PROC SEQUENCE NUMBER
44	(2C)	SIGNED	4	DFCENMSK	ENABLED MAIN MASK
48	(30)	SIGNED	4	DFCUSER	USER FIELD
52	(34)	SIGNED	4	DFCRSVS	RESERVED FOR SERVICE
56	(38)	SIGNED	4	DFCRSVD	RESERVED FOR DEVELOPMEMT
60	(3C)	SIGNED	4	DFCHEND(0)	END OF DFCB HEADER
60	(3C)	BITSTRING	1	DFCHSIZ(0)	SIZE OF DFCB HEADER

Table 87. Structure DFCENTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	DFCENTRY	
0	(0)	CHARACTER	8	DFCDEVT	DEVICE NAME FIELD
8	(8)	SIGNED	2	DFCDEVN	NUMBER OF DEVICES REQUIRED
10	(A)	SIGNED	2	DFCSYSI	DEVICE COUNT WORK AREA
12	(C)	SIGNED	4	DFCVEND(0)	END OF DEVICE ENTRY
12	(C)	BITSTRING	1	DFCVSIZ(0)	SIZE OF DEVICE ENTRY

Table 88. Cross Reference for IATYDFC

Name	Offset	Hex Tag
DFCACT	3	8
DFCALLO	10	80
DFCALOPT	24	

Table 88. Cross Reference for IATYDFC (continued)

Name	Offset	Hex Tag
DFCANY	3	10
DFCBJST	10	20
DFCCKIDX	26	
DFCDEVN	8	
DFCDEVT	0	
DFCDIS	3	1
DFCDJC	3	20
DFCENMSK	2C	
DFCENTRY	0	
DFCENUM	12	
DFCEXR	3	40
DFCFIXL	0	
DFCFLG1	3	
DFCFLG2	10	
DFCFLG3	11	
DFCFNCID	24	
DFCGNAME	4	
DFCGPSEQ	2A	
DFCGRP	3	80
DFCHAIN	C	
DFCHEND	3C	
DFCHRUPD	11	40
DFCHSIZ	3C	
DFCINDDC	10	4
DFCINUSE	10	8
DFCJSTDS	11	80
DFCJSTID	2	
DFCJSTON	10	10
DFCLAST	3	4
DFCMNAME	18	
DFCMNSEQ	2B	
DFCPEND	3	2
DFCRESQ	18	
DFCRF201	10	1
DFCRF202	10	2
DFCRQM	20	
DFCRSVD	38	
DFCRSVD1	13	
DFCRSVD2	16	
DFCRSVS	34	
DFCSEQN	25	
DFCSTART	0	
DFCSYSI	A	
DFCTSIZE	14	
DFCUALL	10	40
DFCUSER	30	

Table 88. Cross Reference for IATYDFC (continued)

Name	Offset	Hex Tag
DFCVARL	28	
DFCVEND	C	
DFCVSIZ	C	

IATYDJR information

IATYDJR programming interface information

The following fields are **NOT** programming interface information:

- DJRPOST
- DJRPRE
- DJRVAROV

IATYDJR heading information

Common name:	DUMP JOB MIGRATION SUPPORT SPOOL RECORD DESCRIPTOR
Macro ID:	IATYDJR
DSECT name:	JDRSTART
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Auxiliary Storage: N/A Subpool: 251
Size:	52 Bytes
Created by:	N/A
Pointed to by:	FIELD DJTDJRAD IN MODULES IATDJCR/IATDJOR
Serialization:	NONE
Function:	Provides the dump job translator - IATDJTR - with information about a JES3 spool resident data area and contains the translator options that are to be used when processing the data area. The data area definitions are described in module IATDJCR by a series of IATYDJR macros - one per JES3 data area - which generate an assembled-in chain of IATYDJR data areas. If a label is not specified on the IATYDJR macro and if no positional parameters are specified, a mapping macro will be generated for the IATYDJR data area.

IATYDJR mapping

Table 89. Structure DJRSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	DJRSTART	
0	(0)	CHARACTER	8	DJRNAME	DATA AREA NAME
8	(8)	CHARACTER	8	DJRLENNM	FIELD NAME CONTAINING LENGTH
16	(10)	ADDRESS	4	DJRCHN	ADDR OF NEXT DJRECRD ELEMENT
20	(14)	ADDRESS	4	DJRFLDS	ADDR OF FIRST DJFIELD ELEMENT
24	(18)	ADDRESS	4	DJRPRE	ADDR OF PRE-TRANSLATION EXIT
28	(1C)	ADDRESS	4	DJRPOST	ADDR OF POST-TRANSLATION EXIT
32	(20)	ADDRESS	4	DJRVARIN	ADDR OF VAR SEGMENT INPUT EXIT

Table 89. Structure DJRSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
36	(24)	ADDRESS	4	DJRVAROV	ADDR OF VAR SEGMENT OVERFLOW EXIT
40	(28)	SIGNED	2	DJRLEN	FIELD LENGTH
42	(2A)	SIGNED	2	DJRMAXLN	OUTPUT MAX FIELD LENGTH
44	(2C)	SIGNED	4	DJRRSVD1(2)	RESERVED FOR DEVELOPMENT
52	(34)	SIGNED	4	DJRRSVS1(2)	RESERVED FOR SERVICE

Table 90. Cross Reference for IATYDJR

Name	Offset	Hex Tag
DJRCHN	10	
DJRFLDS	14	
DJRLEN	28	
DJRLENNM	8	
DJRMAXLN	2A	
DJRNAME	0	
DJRPOST	1C	
DJRPRE	18	
DJRRSVD1	2C	
DJRRSVS1	34	
DJRSTART	0	
DJRVARIN	20	
DJRVAROV	24	

IATYDJS information

IATYDJS programming interface information

The following fields are **NOT** programming interface information:

- DJSTPDSN
- DJSTPSYS

IATYDJS heading information

Common name: Dynamic Job Summary Table

Macro ID: IATYDJS

DSECT name: DJSTSLOT

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Auxiliary Storage: JES3 SPOOL
Subpool: 230

Size: DJSTVSIZ

Created by: IATDYDR

Pointed to by: RQDYJFDB in IATYRSQ
JSTDCHN in IATYJST

Serialization: None

Function: Supplies a Dynamic Job Summary Table entry for each allocated request.

IATYDJS mapping

Table 91. Structure DJSTSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	DJSTSTRT	
0	(0)	BITSTRING	6	DJSTTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	DJSTCNT	USER COUNT.
8	(8)	CHARACTER	4	DJSTID	File id.
12	(C)	BITSTRING	12	DJSTCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	DJSTVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	DJSTDATA(0)	START OF USER DATA AREA.
28	(1C)	CHARACTER	8	DJSTMPNM	MAIN NAME
36	(24)	SIGNED	2	DJSTAVAL	INDEX TO AVAIL SLOT
38	(26)	SIGNED	2	DJSTJOBC	Compatible with DJSTJOBN - see IATXJBNO macro
40	(28)	SIGNED	2	DJSRSVDH	RESERVED FOR DEVELOPMENT
42	(2A)	BITSTRING	1	DJSTMSEQ	MAIN SEQ NUM
43	(2B)	BITSTRING	1	DJSTFLAG	FLAG-- RESERVED
		1...		DJSTFRST	"X'80'" 1ST DJST BUFFER
44	(2C)	SIGNED	2	DJSTACTV	INDEX TO ACTIVE SLOT
46	(2E)	SIGNED	2	DJSTRSV1	RESERVED FOR DEVELOPMENT
48	(30)	SIGNED	4	DJSTJOBN	Binary job number
52	(34)	SIGNED	4	DJSTRSV3	RESERVED FOR USER
52	(34)	X'38'	0	DJSTHEND	"*" END OF HEADER
52	(34)	X'38'	0	DJSTHSZ	"(DJSTHEND-DJSTSTRT)" HEADER SIZE

Table 92. Structure DJSTSLOT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	DJSTSLOT	DJST SLOT
0	(0)	SIGNED	4	DJSTSTEP(0)	STEP ENTRY
0	(0)	BITSTRING	1	DJSTSTPN	STEP NUM OR (0 IF AVAIL)
1	(1)	BITSTRING	1	DJSTSTFG	STEP ENTRY FLAG
		1111 1111		DJSTACFL	"X'FF'" ACTIVE ENTRY FLAG
2	(2)	SIGNED	2	DJSTNEXT	INDEX TO NEXT SLOT
2	(2)	X'4'	0	DJSTSEND	"*" END OF STEP ENTRY
2	(2)	X'4'	0	DJSTSSIZ	"(DJSTSEND-DJSTSLOT)" STEP ENTRY SIZE
4	(4)	CHARACTER	10	DJSTDDRP(0)	DDNAME AND REL POS NUMBER
4	(4)	CHARACTER	8	DJSTDDNM	DDNAME
12	(C)	SIGNED	2	DJSTDRPN	REL POS NUMBER
14	(E)	BITSTRING	1	DJSTFLG1	DD ENTRY FLAG
		1...		DJDSNSHR	"X'80'" REQ IS SHR
		.1..		DJSGLUSR	"X'40'" DS HAS SGL USER
		..1.		DJDSNAL	"X'20'" DS ALLOC'D BY DYNAL
		...1		DJVOLAL	"X'10'" VOL ALLOC'D BY DYNAL
		.... 1...		DJDEVAL	"X'08'" DEVICE ALLOC'D BY DYNAL
		.... .1..		DJDSNUN	"X'04'" DS UNALLOC'D BY DYNAL
		.... ..1.		DJVOLUN	"X'02'" VOL UNALLOC'D BY DYNAL
		1		DJDEVUN	"X'01'" DEVICE UNALLOC'D BY DYNAL

Table 92. Structure DJSTSLOT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
15	(F)	BITSTRING	1	DJSTFLG2	FLAG 2 OF DD ENTRY
		1...		DJSBDSAL	"X'80'" BYPASS DATA SET ALLOCATION 0421 FOR THIS REQUEST 0421
		.... ..1.		DJSTSMS	"X'02'" SMS MANAGED DATASET REQUEST
16	(10)	SIGNED	4	DJSTPSYS	SYSUNITS ENTRY ADDRESS
20	(14)	SIGNED	4	DJSTPDSN	SETDSN ENTRY ADDRESS
24	(18)	SIGNED	4	DJSTRTAD	RET ADDR IN UNALLOC SUBRTN FROM THE ERROR HANDLER
28	(1C)	CHARACTER	6	DJSTVOL	VOLSER
34	(22)	CHARACTER	45	DJSTDSNM(0)	LENGTH BYTE + DSNAME
34	(22)	CHARACTER	1	DJSTDLEN	LENGTH OF DSNAME
35	(23)	CHARACTER	44	DJSTDNAM	DSNAME
79	(4F)	CHARACTER	4	DJSTUADR	DEVICE NUMBER IN EBCDIC
83	(53)	BITSTRING	5	DJSTRES	RESERVED FOR DEVELOPMENT
88	(58)	SIGNED	4	DJSTRESV	RESERVED FOR USER
88	(58)	X'5C'	0	DJSTDEND	"*" END OF DD ENTRY
88	(58)	X'58'	0	DJSTDSIZ	"(DJSTDEND-DJSTDDNM)" DD ENTRY SIZE
88	(58)	X'5C'	0	DJSTVSIZ	"(DJSTDEND-DJSTSLOT)" SLOT SIZE

Table 93. Cross Reference for IATYDJS

Name	Offset	Hex Tag
DJDEVAL	E	8
DJDEVUN	E	1
DJDSNAL	E	20
DJDSNSHR	E	80
DJDSNUN	E	4
DJSBDSAL	F	80
DJSGLUSR	E	40
DJSRSVDH	28	0
DJSTACFL	1	FF
DJSTACTV	2C	0
DJSTAVAL	24	0
DJSTCHN	C	0
DJSTCNT	6	0
DJSTDATA	1C	
DJSTDDNM	4	
DJSTDDRP	4	
DJSTDEND	58	5C
DJSTDLEN	22	
DJSTDNAM	23	
DJSTDRPN	C	0
DJSTDSIZ	58	58
DJSTDSNM	22	
DJSTFLAG	2B	
DJSTFLG1	E	
DJSTFLG2	F	

Table 93. Cross Reference for IATYDJS (continued)

Name	Offset	Hex Tag
DJSTFRST	2B	80
DJSTHEND	34	38
DJSTHSZ	34	38
DJSTID	8	C4D1E2E3
DJSTJOBC	26	0
DJSTJOBN	30	
DJSTMPNM	1C	
DJSTMSEQ	2A	
DJSTNEXT	2	0
DJSTPDSN	14	
DJSTPSYS	10	
DJSTRES	53	
DJSTRESV	58	0
DJSTRSV1	2E	
DJSTRSV3	34	
DJSTRTAD	18	0
DJSTSEND	2	4
DJSTSLOT	0	
DJSTSMS	F	2
DJSTSSIZ	2	4
DJSTSTEP	0	
DJSTSTFG	1	0
DJSTSTPN	0	0
DJSTSTRT	0	
DJSTTRK	0	0
DJSTUADR	4F	
DJSTVLID	18	0
DJSTVOL	1C	
DJSTVSIZ	58	5C
DJVOLAL	E	10
DJVOLUN	E	2

IATYDLA information

IATYDLA heading information

Common name: DLOG Address Space Data Area

Macro ID: IATYDLA

DSECT name: DLASTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: DLA
Offset: 0
Length: 4

Storage attributes: Main Storage: Any
Subpool: 0
Key: 0

Size: DLASIZE bytes

Created by: IATCNDIN

Pointed to by: Register 9 in DLOG related modules
DLOGDLA in IATYDLOG

Serialization: NONE

Function: This macro maps the data that is used by the DLOG task in the JES3 DLOG address space.

IATYDLA mapping

Table 94. Structure DLASTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	DLASTART	, DLOG Address Space Data
0	(0)	CHARACTER	4	DLAID	Control Block Id
4	(4)	SIGNED	4	DLAALETP(16)	Used to initialize access registers to the primary address space
72	(48)	DBL WORD	8	DLADWORK	Doubleword work area
80	(50)	DBL WORD	8	DLADWRK2	Doubleword work area two
	Save Areas.				
88	(58)	SIGNED	4	DLASAVE(18)	Standard Save Area
160	(A0)	SIGNED	4	DLARTSAV(16)	Called routine save area
224	(E0)	ADDRESS	4	DLACPSAV	Control program save area address
	Control Block and Routine Addresses.				
228	(E4)	ADDRESS	4	DLASSVT	SSVT address
232	(E8)	ADDRESS	4	DLACNDIT	DLOG initialization and termination routine (IATCNDIT)
236	(EC)	ADDRESS	4	DLACNDRR	DLOG recovery routine (IATCNDRR)
240	(F0)	ADDRESS	4	DLACNDMS	DLOG message processing routine (IATCNDMS)
244	(F4)	ADDRESS	4	DLACNDAL	DLOG alert processing routine (IATCNDAL)
248	(F8)	ADDRESS	4	DLACNDFM	DLOG JES3 message formatting routine (IATCNDFM)
	ECB Related Information. ECB List Used by DLOG Task.				
252	(FC)	SIGNED	4	DLAECBLS(0)	ECB List Used for WAIT
252	(FC)	ADDRESS	4	DLAEAALR	Address of ALERT ECB
256	(100)	ADDRESS	4	DLAEATIM	Address of timer ECB
260	(104)	ADDRESS	4	DLAEAMSG	Address of message ECB
264	(108)	ADDRESS	4	DLAEACOM	Address of the JES3 to DLOG communication ECB. This ECB is located within the DLOG Common Data Area
	ECBs Used by DLOG Task (with exception of the JES3 to DLOG communication ECB).				
268	(10C)	SIGNED	4	DLAALECB	Alert ECB - posted when the message data base becomes full
272	(110)	SIGNED	4	DLATMECB	Timer ECB - posted when a specified time elapses.
276	(114)	SIGNED	4	DLAMSECB	Message ECB - posted when a message arrives for the extended MCS console

Table 94. Structure DLASTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		Trace Related Information.			
280	(118)	BITSTRING	1	DLATRWRK	Trace entry work area
		LAXDLTR IATXDLTR FUNC=TRACE, IATXDLTR Parameter List MF=L $Q0= SYSOPER HJS5521 941208 PD0DR: SP 5.2.1			
344	(158)	SIGNED	4	DLAXDLTR(0)	IATXDLTR List Form
344	(158)	ADDRESS	4		Trace table header address
348	(15C)	CHARACTER	8		Caller of trace service
356	(164)	CHARACTER	8		Event identifier
364	(16C)	ADDRESS	4		Event specific data address
368	(170)	SIGNED	2		Event specific data length
370	(172)	SIGNED	2		Reserved
370	(172)	X'1C'	0	DLADLTSZ	"*-DLAXDLTR" Size of parameter list
		DLOG Initialization/Termination Related Information. Parameter lists used to initialize/terminate the DLOG extended console. MCSOPER MF=(L,DLAMCSOP) MCSOPER List Form MACDATE -08/02/22-<1>			
0	(0)	X'178'	0	M00M0007	"DLAMCSOP" ++ MCSOPER NAME
376	(178)	DBL WORD	8	DLAMCSOP(0)	++ MCSOPER PARM LIST
376	(178)	CHARACTER	4	DLAMCSOP_XACRO	++ CONSTANT
380	(17C)	BITSTRING	1	DLAMCSOP_XVERSION	++ INPUT XVERSION
381	(17D)	BITSTRING	1	DLAMCSOP_XREQUEST	++ XREQUEST
381	(17D)	X'1'	0	DLAMCSOP_ACTIVATE	"1" ++ XREQUEST.ACTIVATE KEYWORD
381	(17D)	X'2'	0	DLAMCSOP_DEACTIVATE	"2" ++ XREQUEST.DEACTIVATE KEYWORD
381	(17D)	X'3'	0	DLAMCSOP_RELEASE	"3" ++ XREQUEST.RELEASE KEYWORD
382	(17E)	BITSTRING	1	DLAMCSOP_XFLAG	++ FIELD_LABEL
		1...		DLAMCSOP_XABTERM_YES	"B'10000000'" ++ XABTERM.YES KEYWORD
		.1..		DLAMCSOP_KEYUSED_MIGID	"B'01000000'" ++ KEYUSED.MIGID KEYWORD
		..1.		DLAMCSOP_XMIGIDREL_AUTO	"B'00100000'" ++ XMIGIDREL.AUTO KEYWORD
		...1		DLAMCSOP_KEYUSED_NAME	"B'00010000'" ++ KEYUSED.NAME KEYWORD
383	(17F)	CHARACTER	1	DLAMCSOP_XRSV0001	++ RESERVED
384	(180)	ADDRESS	4	DLAMCSOP_XOPERPARM	++
388	(184)	CHARACTER	8	DLAMCSOP_XNAME	++
396	(18C)	CHARACTER	8	DLAMCSOP_XTERMNAME	++
404	(194)	SIGNED	4	DLAMCSOP_XCONSID	++
408	(198)	SIGNED	4	DLAMCSOP_XQLIMIT	++
412	(19C)	SIGNED	4	DLAMCSOP_XMCSCSAA	++
416	(1A0)	ADDRESS	4	DLAMCSOP_XMCSCSA	++
420	(1A4)	CHARACTER	4	DLAMCSOP_XRSV0002	++ RESERVED
424	(1A8)	ADDRESS	4	DLAMCSOP_XMSGECB	++
428	(1AC)	ADDRESS	4	DLAMCSOP_XALERTECB	++
432	(1B0)	BITSTRING	1	DLAMCSOP_XMIGID	++
433	(1B1)	BITSTRING	1	DLAMCSOP_XALERTPCT	++

Table 94. Structure DLASTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
434	(1B2)	BITSTRING	1	DLAMCSOP_XQRESUME	++
435	(1B3)	BITSTRING	1	DLAMCSOP_XMSGDLVRY	++ XMSGDLVRY
435	(1B3)	X'80'	0	DLAMCSOP_FIFO	"128" ++ XMSGDLVRY.FIFO KEYWORD
435	(1B3)	X'40'	0	DLAMCSOP_SEARCH	"64" ++ XMSGDLVRY.SEARCH KEYWORD
435	(1B3)	X'20'	0	DLAMCSOP_NONE	"32" ++ XMSGDLVRY.NONE KEYWORD
436	(1B4)	CHARACTER	16	DLAMCSOP_XRSV0003	++ RESERVED
436	(1B4)	X'4C'	0	DLAMCSOPL	"*-DLAMCSOP" ++ LENGTH OF PLIST
				MCSOPER-1	
0	(0)	X'4C'	0	DLAMOPSZ	"*-DLAMCSOP" Size of parameter list
452	(1C4)	BITSTRING	68	DLAOPPRM	MCSOPER OPERPARM Mapping
520	(208)	BITSTRING	1	DLAMSCOP(0)	Message scope (MSCOPE) table
				CPOOL Parameter List. LACPOOL CPOOL BUILD, CPOOL Parameter List MF=L	
780	(30C)	SIGNED	2	DLACPOOL(0)	
780	(30C)	ADDRESS	4		.PRIMARY CELL COUNT
784	(310)	ADDRESS	4		.SECONDARY CELL COUNT
788	(314)	ADDRESS	4		.CELL SIZE
792	(318)	ADDRESS	1		.SUBPOOL ID
793	(319)	ADDRESS	1		.KEY
794	(31A)	BITSTRING	2		
796	(31C)	ADDRESS	4		.TCB ADDRESS
800	(320)	BITSTRING	24		.HEADER
824	(338)	SIGNED	2	CPOOL_BUILD_0010(0)	
824	(338)	X'2C'	0	DLACPLSZ	"*-DLACPOOL" Size of parameter list
				ESTAEX Parameter List. LAESTAX ESTAEX MF=L ESTAEX Parameter List	
824	(338)	SIGNED	4	(0)	
824	(338)	ADDRESS	1	DLAESTAX	FLAGS FOR ESTAEX
825	(339)	ADDRESS	1		SECOND FLAG BYTE
826	(33A)	ADDRESS	1		THIRD FLAG BYTE
827	(33B)	ADDRESS	1		VERSION NUMBER
828	(33C)	ADDRESS	4		TOKEN VALUE AREA
832	(340)	ADDRESS	4		PARM. LIST ADDR. NOT SPECIFIED
836	(344)	ADDRESS	4		ALET FOR PARM LIST
840	(348)	ADDRESS	4		EXIT ADDR NOT SPECD
840	(348)	X'14'	0	DLAESXSZ	"*-DLAESTAX" Size of parameter list
				JESXCF related parameter lists. IXZXIXAT MF=(L,DLAXIXAT) IXZXIXAT Parameter List MACDATE -00/01/11-<6>	
0	(0)	X'350'	0	M00M0016	"DLAXIXAT" ++ IXZXIXAT NAME
848	(350)	DBL WORD	8	DLAXIXAT(0)	++ IXZXIXAT PARM LIST
848	(350)	BITSTRING	1	DLAXIXAT_XVERSION	++ INPUT XVERSION
849	(351)	CHARACTER	6	DLAXIXAT_XEYECATCH	++ CONSTANT

Table 94. Structure DLASTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
855	(357)	CHARACTER	1	DLAXIXAT_XRSV0001	++ RESERVED
856	(358)	CHARACTER	8	DLAXIXAT_XGROUP	++
864	(360)	CHARACTER	16	DLAXIXAT_XMEMBER	++
880	(370)	CHARACTER	8	DLAXIXAT_XRELEASE	++
888	(378)	SIGNED	4	DLAXIXAT_XMAINTLVL	++ CONSTANT
892	(37C)	SIGNED	4	DLAXIXAT_XGROUPTOKEN	++
896	(380)	BITSTRING	1	DLAXIXAT_XFLAG1	++ FIELD_LABEL
		1...		DLAXIXAT_XWHICHJES_JES2	"B'10000000'" ++ XWHICHJES.JES2 KEYWORD
		.1..		DLAXIXAT_XWHICHJES_JES3	"B'01000000'" ++ XWHICHJES.JES3 KEYWORD
		..1.		DLAXIXAT_XWHICHJES_J3FSS	"B'00100000'" ++ XWHICHJES.J3FSS KEYWORD
		...1		DLAXIXAT_XWHICHJES_INIT	"B'00010000'" ++ XWHICHJES.INIT KEYWORD
		.... 1...		DLAXIXAT_XWHICHJES_COMMON	"B'00001000'" ++ XWHICHJES.COMMON KEYWORD
		.... .1..		DLAXIXAT_XWHICHJES_J3CIFSS	"B'00000100'" ++ XWHICHJES.J3CIFSS KEYWORD
		.... ..1.		DLAXIXAT_XWHICHJES_J2SPOOL	"B'00000010'" ++ XWHICHJES.J2SPOOL KEYWORD
897	(381)	BITSTRING	1	DLAXIXAT_XFLAG2	++ FIELD_LABEL
		1...		DLAXIXAT_XJ3CONNECT_NO	"B'10000000'" ++ XJ3CONNECT.NO KEYWORD
		.1..		DLAXIXAT_XJ3CONNECT_YES	"B'01000000'" ++ XJ3CONNECT.YES KEYWORD
898	(382)	CHARACTER	2	DLAXIXAT_XRSV0002	++ RESERVED
900	(384)	SIGNED	4	DLAXIXAT_XDIAG	++
904	(388)	CHARACTER	8	DLAXIXAT_XLINKPARMS	++ FIELD_LABEL
904	(388)	X'40'	0	DLAXIXATL	"*-DLAXIXAT" ++ LENGTH OF PLIST
				IXZXIXAT-6	
0	(0)	X'40'	0	DLAXATSZ	"*-DLAXIXAT" Size of parameter list
				IXZXIXMB MF=(L,DLAXIXMB) IXZXIXMB Parameter List MACDATE -93/05/10-<1>	
912	(390)	SIGNED	2	M00M0017(0)	IXZXIXMB-1
912	(390)	DBL WORD	8	DLAXIXMB(0)	++ IXZXIXMB PARM LIST
912	(390)	BITSTRING	1	DLAXIXMB_XVERSION	++ INPUT XVERSION
913	(391)	CHARACTER	6	DLAXIXMB_XEYECATCH	++ CONSTANT XEYECATCH
919	(397)	CHARACTER	1	DLAXIXMB_XRSV0001	++ RESERVED XRSV0001
920	(398)	CHARACTER	16	DLAXIXMB_XMBOXNAME	++ XMBOXNAME
936	(3A8)	ADDRESS	4	DLAXIXMB_XPOSTXIT	++ XPOSTXIT
940	(3AC)	ADDRESS	4	DLAXIXMB_XPOSTDATA	++ XPOSTDATA
944	(3B0)	SIGNED	4	DLAXIXMB_XPOSTALET	++ XPOSTALET
948	(3B4)	SIGNED	4	DLAXIXMB_XGROUPTOKEN	++ XGROUPTOKEN
952	(3B8)	BITSTRING	1	DLAXIXMB_XSYSEVENTS	++ FIELD_LABEL
		1...		DLAXIXMB_XSYSEVENT_YES	"B'10000000'" ++ XSYSEVENT.YES KEYWORD
		.1..		DLAXIXMB_XSYSEVENT_NO	"B'01000000'" ++ XSYSEVENT.NO KEYWORD

Table 94. Structure DLASTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
952	(3B8)	X'29'	0	DLAXIXMBL	"*-DLAXIXMB" ++ LENGTH OF PLIST
				IXZXIXMB-1	
0	(0)	X'29'	0	DLAXMBSZ	"*-DLAXIXMB" Size of parameter list
				IXZXIXMD MF=(L,DLAXIXMD) IXZXIXMD Parameter List MACDATE -93/05/10-<1>	
954	(3BA)	SIGNED	2	M00M0018(0)	IXZXIXMD-1
960	(3C0)	DBL WORD	8	DLAXIXMD(0)	++ IXZXIXMD PARM LIST
960	(3C0)	BITSTRING	1	DLAXIXMD_XVERSION	++ INPUT XVERSION
961	(3C1)	CHARACTER	6	DLAXIXMD_XEYECATCH	++ CONSTANT XEYECATCH
967	(3C7)	BITSTRING	1	DLAXIXMD_XSTB	++ INPUT
		1...		DLAXIXMD_XSTB_NO	"B'10000000'" ++ XSTB.NO KEYWORD
		.1..		DLAXIXMD_XSTB_YES	"B'01000000'" ++ XSTB.YES KEYWORD
968	(3C8)	CHARACTER	16	DLAXIXMD_XMBOXNAME	++ XMBOXNAME
984	(3D8)	SIGNED	4	DLAXIXMD_XGROUPTOKEN	++ XGROUPTOKEN
984	(3D8)	X'1C'	0	DLAXIXMDL	"*-DLAXIXMD" ++ LENGTH OF PLIST
				IXZXIXMD-1	
0	(0)	X'1C'	0	DLAXMDSZ	"*-DLAXIXMD" Size of parameter list
				IXZXIXDT MF=(L,DLAXIXDT) IXZXIXDT Parameter List MACDATE -00/02/02-<1>	
0	(0)	X'3E0'	0	M00M0019	"DLAXIXDT" ++ IXZXIXDT NAME
992	(3E0)	DBL WORD	8	DLAXIXDT(0)	++ IXZXIXDT PARM LIST
992	(3E0)	BITSTRING	1	DLAXIXDT_XVERSION	++ INPUT XVERSION
993	(3E1)	CHARACTER	6	DLAXIXDT_XEYECATCH	++ CONSTANT XEYECATCH
999	(3E7)	CHARACTER	1	DLAXIXDT_XRSV0001	++ RESERVED XRSV0001
1000	(3E8)	ADDRESS	4	DLAXIXDT_XGROUPTOKEN	++ XGROUPTOKEN
1004	(3EC)	CHARACTER	8	DLAXIXDT_XLINKPARMS	++ FIELD_LABEL XLINKPARMS
1004	(3EC)	X'14'	0	DLAXIXDTL	"*-DLAXIXDT" ++ LENGTH OF PLIST
				IXZXIXDT-1	
0	(0)	X'14'	0	DLAXDTSZ	"*-DLAXIXDT" Size of parameter list
				POST Parameter List. DLAPOST POST MF=L Post Parameter List MACDATE 12/25/13	
1012	(3F4)	ADDRESS	4	DLAPOST	. 1ST WORD - ECB ADDRESS
1016	(3F8)	ADDRESS	4		. 2ND WORD - ASCB ADDRESS
1020	(3FC)	ADDRESS	4		. 3RD WORD - ERRET ADDRESS
1020	(3FC)	X'C'	0	DLAPSTSZ	"*-DLAPOST" Size of parameter list
				RESMGR related information.	
1024	(400)	SIGNED	4	DLARMTKN	DLOG task RESMGR token
				LARESMG RESMGR ADD, RESMGR Parameter List MF=L	

Table 94. Structure DLASTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1028	(404)	SIGNED	4	DLARESMG(0)	LIST NAME
1028	(404)	BITSTRING	1		VERSION NUMBER
1029	(405)	BITSTRING	1		FLAGS BYTE
1030	(406)	BITSTRING	1		LINKAGE TYPE
1031	(407)	BITSTRING	1		REQUEST=ADD
1032	(408)	BITSTRING	2		RESERVED
1034	(40A)	SIGNED	2		ASID
1036	(40C)	ADDRESS	4		TCB ADDRESS
1040	(410)	ADDRESS	4		ROUTINE ADDRESS
1044	(414)	ADDRESS	4		TOKEN ADDRESS
1048	(418)	ADDRESS	4		ECB ADDRESS
1052	(41C)	ADDRESS	4		PARAM ADDRESS
1056	(420)	ADDRESS	4		TTOKEN ADDRESS
1056	(420)	X'20'	0	DLARESSZ	"*-DLARESMG" Size of parameter list
		Message/WTL Processing Information. MCSOPMSG Parameter List. MCSOPMSG MF=(L,DLAMCSOM) MCSOPMSG List Form MACDATE -05/04/15-<2>			
0	(0)	X'428'	0	M00M0023	"DLAMCSOM" ++ MCSOPMSG NAME
1064	(428)	DBL WORD	8	DLAMCSOM(0)	++ MCSOPMSG PARM LIST
1064	(428)	CHARACTER	4	DLAMCSOM_XACRO	++ CONSTANT
1068	(42C)	BITSTRING	1	DLAMCSOM_XVERSION	++ INPUT XVERSION
1069	(42D)	BITSTRING	1	DLAMCSOM_XREQUEST	++ XREQUEST
1069	(42D)	X'1'	0	DLAMCSOM_GETMSG	"1" ++ XREQUEST.GETMSG KEYWORD
1069	(42D)	X'2'	0	DLAMCSOM_RESUME	"2" ++ XREQUEST.RESUME KEYWORD
1070	(42E)	BITSTRING	1	DLAMCSOM_XCMDRESP	++ INPUT
		1...		DLAMCSOM_XCMDRESP_YES	"B'10000000'" ++ XCMDRESP.YES KEYWORD
		.1..		DLAMCSOM_XCMDRESP_NO	"B'01000000'" ++ XCMDRESP.NO KEYWORD
		..1.		DLAMCSOM_KEYUSED_CMDRESP	"B'00100000'" ++ KEYUSED.CMDRESP KEYWORD
		...1		DLAMCSOM_KEYUSED_CART	"B'00010000'" ++ KEYUSED.CART KEYWORD
		.... 1...		DLAMCSOM_KEYUSED_MASK	"B'00001000'" ++ KEYUSED.MASK KEYWORD
		.... .1..		DLAMCSOM_KEYUSED_NAME	"B'00000100'" ++ KEYUSED.NAME KEYWORD
1071	(42F)	CHARACTER	1	DLAMCSOM_XRSV0001	++ RESERVED
1072	(430)	CHARACTER	8	DLAMCSOM_XCART	++
1080	(438)	CHARACTER	8	DLAMCSOM_XMASK	++
1088	(440)	SIGNED	4	DLAMCSOM_XCONSID	++
1092	(444)	CHARACTER	4	DLAMCSOM_XRSV0002	++ RESERVED
1092	(444)	X'448'	0	DLAMCSOM_PL_END	"*" ++ END OF BASE PLIST
1092	(444)	X'20'	0	DLAMCSOML	"*-DLAMCSOM" ++ LENGTH OF PLIST
		MCSOPMSG-2			
0	(0)	X'20'	0	DLAMOMSZ	"*-DLAMCSOM" Size of parameter list
		Cellpool id for cellpool to contain formatted messages.			

Table 94. Structure DLASTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1096	(448)	SIGNED	4	DLAMSCID	Message cellpool id
		Parameter List Passed to the DLOG message formatting routine IATCNDFM. It is mapped by macro IATYCNDF.			
1100	(44C)	BITSTRING	8	DLAFMPRM	IATCNDFM parameter list
1108	(454)	BITSTRING	16	DLATFPRM	MDB to JES3 DLOG text formatting parameter list
1124	(464)	ADDRESS	4	DLAMSGQA	Formatted message queue anchor
		WTL Buffer (mapped by IEEZB885).			
1128	(468)	BITSTRING	1	DLAWTLB	WTL buffer (mapped by IEEMB885)
		MDB Information from MCSOPMSG.			
1260	(4EC)	ADDRESS	4	DLAMDADR	MDB address
1264	(4F0)	SIGNED	4	DLAMDALT	MDB ALET
		WTL SSIB Information.			
1268	(4F4)	ADDRESS	4	DLASSIB	Life of job SSIB address
1272	(4F8)	CHARACTER	4	DLASSNM	Subsystem name in life of job SSIB before we changed it to JES3 prior to the WTL
		STIMERM related information.			
1276	(4FC)	SIGNED	4	DLASTMID	STIMERM request identifier
		LASTIMR STIMERM SET, STIMERM Parameter List MF=L MACDATE = 08/19/88			
1280	(500)	BITSTRING	24	DLASTIMR	REMOTE STIMERM SET PARM LIST
1280	(500)	X'18'	0	DLASTMSZ	"*-DLASTIMR" Size of parameter list
		Alert Processing Information.			
1304	(518)	ADDRESS	4	DLACSAAD	Console Status Area address
1308	(51C)	SIGNED	4	DLACSAAL	Console Status Area ALET
1312	(520)	SIGNED	4	DLAALDOM	Alert message DOM id
		WTO Parameter List. DLAWTO WTO TEXT=, WTO Parameter List MF=L			
1316	(524)	SIGNED	4	DLAWTO(0)	
1316	(524)	ADDRESS	2		TEXT LENGTH
1318	(526)	BITSTRING	2		MCSFLAGS
1320	(528)	ADDRESS	4		MESSAGE TEXT ADDRESS
1324	(52C)	ADDRESS	1		VERSION LEVEL
1325	(52D)	BITSTRING	1		MISCELLANEOUS FLAGS
1326	(52E)	ADDRESS	1		REPLY LENGTH
1327	(52F)	ADDRESS	1		LENGTH OF WPX
1328	(530)	BITSTRING	2		EXTENDED MCS FLAGS
1330	(532)	ADDRESS	2		RESERVED

Table 94. Structure DLASTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1332	(534)	ADDRESS	4		REPLY BUFFER ADDRESS
1336	(538)	ADDRESS	4		REPLY ECB ADDRESS
1340	(53C)	ADDRESS	4		CONNECT ID
1344	(540)	BITSTRING	2		DESCRIPTOR CODES
1346	(542)	ADDRESS	2		RESERVED
1348	(544)	BITSTRING	16		
1364	(554)	BITSTRING	2		MESSAGE TYPE
1366	(556)	ADDRESS	2		MESSAGE'S PRIORITY
1368	(558)	CHARACTER	8		JOB ID
1376	(560)	CHARACTER	8		JOB NAME
1384	(568)	CHARACTER	8		RETRIEVAL KEY
1392	(570)	ADDRESS	4		TOKEN FOR DOM
1396	(574)	ADDRESS	4		CONSOLE ID
1400	(578)	CHARACTER	8		SYSTEM NAME
1408	(580)	CHARACTER	8		CONSOLE NAME
1416	(588)	ADDRESS	4		REPLY CONSOLE NAME/ID ADDR
1420	(58C)	ADDRESS	4		CART ADDRESS
1424	(590)	ADDRESS	4		WSPARM ADDRESS
1424	(590)	X'70'	0	DLAWTOSZ	"*-DLAWTO" Size of parameter list
		Recovery Routine Information. SDUMPX data space storage list. This information is used to dump the message data space when recovery processing determines that field DLAMDBAL contains an ALET.			
1428	(594)	SIGNED	4	DLASTLST(0)	SDUMPX Storage List
1428	(594)	SIGNED	4	DLALSTLN	Length of entire list
1432	(598)	BITSTRING	8	DLAMSTKN	Message data space STOKEN
1440	(5A0)	SIGNED	4	DLARNGCT	Number of storage ranges to be dumped
1444	(5A4)	ADDRESS	4	DLARNGST	Starting address of storage to be dumped
1448	(5A8)	ADDRESS	4	DLARNGEN	Ending address of storage to be dumped
1448	(5A8)	X'18'	0	DLASTLEN	"*-DLASTLST" Length of storage list
		ALESERV Parameter List - used to convert the message data space ALET to an STOKEN. LAALESV ALESERV MF=L ALESERV Parameter List MACDATE = 06/13/1996			
1452	(5AC)	SIGNED	4	DLAALESV(0)	.ALESERV PC PARAMETER LIST
1452	(5AC)	BITSTRING	1		.SERVICE TYPE CODE
1453	(5AD)	BITSTRING	1		.OPTIONS FLAG BYTE
1454	(5AE)	ADDRESS	2		.RESERVED
1456	(5B0)	ADDRESS	4		.ALET
1460	(5B4)	BITSTRING	8		.STOKEN (SPACE TOKEN)
1460	(5B4)	X'10'	0	DLAALESZ	"*-DLAALESV" Size of parameter list
		ECB used to wait for dump to complete.			
1468	(5BC)	SIGNED	4	DLADPECB	Dump ECB

Table 94. Structure DLASTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		SDUMPX Parameter List. LASDMPX SDUMPX MF=L, SDUMPX Parameter List SDATA=(LSQA,RGN,TRT,LPA,CSA)			
1472	(5C0)	SIGNED	4	DLASDMPX(0)	SDUMP PARAMETER LIST
1472	(5C0)	ADDRESS	1		FLAG BYTE
1473	(5C1)	ADDRESS	1		FLAG BYTE
1474	(5C2)	ADDRESS	1		FLAG BYTE
1475	(5C3)	ADDRESS	1		FLAG BYTE
1476	(5C4)	ADDRESS	4		ADDRESS OF DCB
1480	(5C8)	ADDRESS	4		ADDRESS OF STORAGE LIST
1484	(5CC)	ADDRESS	4		ADDRESS OF USER DATA
1488	(5D0)	ADDRESS	4		ADDRESS OF ECB/SRB
1492	(5D4)	ADDRESS	2		CURRENT ASID
1494	(5D6)	ADDRESS	2		OTHER ASID
1496	(5D8)	ADDRESS	4		ADDRESS OF ASID LIST
1500	(5DC)	ADDRESS	4		ADDRESS OF SUMLIST/SUMLSTA LIST
1504	(5E0)	ADDRESS	4		RESERVED
1508	(5E4)	ADDRESS	4		RESERVED
1512	(5E8)	ADDRESS	1		FLAG BYTE
1513	(5E9)	ADDRESS	1		CONTROL FLAG BYTE
1514	(5EA)	ADDRESS	1		TYPE FLAG BYTE
1515	(5EB)	ADDRESS	1		VERSION
1516	(5EC)	ADDRESS	1		EXIT FLAG BYTE
1517	(5ED)	ADDRESS	1		EXIT FLAG BYTE
1518	(5EE)	ADDRESS	1		SDATA OPTIONS
1519	(5EF)	ADDRESS	1		RESERVED SDATA OPTIONS
1520	(5F0)	ADDRESS	4		ADDRESS OF SUBPLST
1524	(5F4)	ADDRESS	4		ADDRESS OF KEYLIST
1528	(5F8)	ADDRESS	4		RESERVED
1532	(5FC)	ADDRESS	4		ALET OF DCB PARAMETER
1536	(600)	ADDRESS	4		ALET OF STORAGE PARAM
1540	(604)	ADDRESS	4		ALET OF HDR PARAMETER
1544	(608)	ADDRESS	4		ALET OF ASIDLST PARAM
1548	(60C)	ADDRESS	4		ALET OF SUMLIST PARAM
1552	(610)	ADDRESS	4		ALET OF SUBPLST PARAM
1556	(614)	ADDRESS	4		ALET OF KEYLIST PARAM
1560	(618)	ADDRESS	4		No LIST64/LISTD
1564	(61C)	ADDRESS	4		No ALET for LISTD/LIST64
1568	(620)	ADDRESS	4		No SUMLSTL or SUMLIST64
1572	(624)	ADDRESS	4		ALET SUMLSTL or SUMLIST64
1576	(628)	ADDRESS	4	(2)	RESERVED
1576	(628)	X'70'	0	DLASDXSZ	"*-DLASDMPX" Size of parameter list
		Flags.			
1584	(630)	BITSTRING	1	DLAFLAG1	Flag one

Table 94. Structure DLASTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		Definition of DLAFLAG1.			
		1...		DLAINITA	"X'80'" DLOG initialization routine is active
		.1..		DLATERMA	"X'40'" DLOG termination routine is active
		..1.		DLARECVR	"X'20'" DLOG recovery routine is active
		...1		DLARESMS	"X'10'" Message processing can be resumed (set by STIMER exit)
		.... 1...		DLANODMP	"X'08'" Recovery routine should not take a dump for this error
		.... .1..		DLARF104	"X'04'" Reserved flag
		.... ..1.		DLARF102	"X'02'" Reserved flag
		1		DLARF101	"X'01'" Reserved flag
1585	(631)	BITSTRING	1	DLAFLAG2	Flag two
		Definition of DLAFLAG2.			
		1...		DLARF280	"X'80'" Reserved flag
		.1..		DLARF240	"X'40'" Reserved flag
		..1.		DLARF220	"X'20'" Reserved flag
		...1		DLARF210	"X'10'" Reserved flag
		.... 1...		DLARF208	"X'08'" Reserved flag
		.... .1..		DLARF204	"X'04'" Reserved flag
		.... ..1.		DLARF202	"X'02'" Reserved flag
		1		DLARF201	"X'01'" Reserved flag
1586	(632)	BITSTRING	6	DLAFLRSV	Reserved for flags
		End of the DLA.			
1592	(638)	DBL WORD	8	DLAEND(0)	End of DLOG address space data
1592	(638)	X'638'	0	DLASIZE	"DLAEND-DLASTART" Size of DLOG address space data
		DLOG Task Related Equates. IATCNDIT function codes (passed in register zero).			
1592	(638)	X'1'	0	DLAITINT	"1" Task initialization request
1592	(638)	X'2'	0	DLAITTRM	"2" Termination request
1592	(638)	X'2'	0	DLAITFMX	"2" Maximum function code
		IATCNDAL function codes (passed in register zero).			
1592	(638)	X'1'	0	DLAALPST	"1" Alert post request - used when the ALERT ECB has been posted
1592	(638)	X'2'	0	DLAALCHK	"2" Alert check request - used when alert mode is active to determine if we still need to be in alert mode
1592	(638)	X'2'	0	DLAALFMX	"2" Maximum function code
		MCSOPER related equates.			
1592	(638)	X'64'	0	DLADSSIZ	"100" Console message data space size in megabytes

Table 94. Structure DLASTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1592	(638)	X'FA'	0	DLAMSGMG	"250" Approximate number of messages that can be contained in one meg of data space storage
1592	(638)	X'55'	0	DLAALRTP	"85" Alert percentage - when the number of messages in the data space hits this percentage of the QLIMIT, the alert ECB will be posted
1592	(638)	X'4B'	0	DLAALQSS	"DLAALRTP-10" Alert/QLIMIT condition subsided percentage - When the number of messages in the data space hits this percentage of the QLIMIT, the alert condition will be reset
1592	(638)	X'63'	0	DLAQRESP	"99" QRESUME percentage - when the number of messages in the data space is decreased to this percentage of QLIMIT, message queueing will automatically be resumed
1592	(638)	X'55'	0	DLADSFSS	"85" Data space full condition subsided percentage - when the percent of data space storage in use falls below this percentage, the data space full condition will be reset
	Formatted message cellpool related equates.				
1592	(638)	X'A'	0	DLAMSGPX	"10" Number of cells in message cellpool primary extent
1592	(638)	X'32'	0	DLAMSGSX	"50" Number of cells in message cellpool secondary extent
1592	(638)	X'0'	0	DLAMSGSP	"0" Message cellpool subpool
	WTL related equates.				
1592	(638)	X'1F4'	0	DLAWTLTM	"500" Amount of time to wait (in hundreths of a second) when a non-zero return code from WTL occurs before issuing another WTL request

Table 95. Cross Reference for IATYDLA

Name	Offset	Hex Tag
CPOOL_BUILD_0010	338	
DLAALCHK	638	2
DLAALDOM	520	0
DLAALECB	10C	0
DLAALESV	5AC	
DLAALESZ	5B4	10
DLAALETP	4	0
DLAALFMX	638	2
DLAALPST	638	1
DLAALQSS	638	4B
DLAALRTP	638	55
DLACNDAL	F4	
DLACNDFM	F8	
DLACNDIT	E8	
DLACNDMS	F0	
DLACNDRR	EC	

Table 95. Cross Reference for IATYDLA (continued)

Name	Offset	Hex Tag
DLACPLSZ	338	2C
DLACPOOL	30C	
DLACPSAV	E0	
DLACSAAD	518	
DLACSAAL	51C	0
DLADLTSZ	172	1C
DLADPECB	5BC	0
DLADSFSS	638	55
DLADSSIZ	638	64
DLADWORK	48	0
DLADWRK2	50	0
DLAEAALR	FC	
DLAEACOM	108	
DLAEAMSG	104	
DLAEATIM	100	
DLAECBLS	FC	
DLAEND	638	
DLAESTAX	338	
DLAESXSZ	348	14
DLAFLAG1	630	0
DLAFLAG2	631	0
DLAFLRSV	632	0
DLAFMPRM	44C	0
DLAID	0	C4D3C140
DLAINITA	630	80
DLAITFMX	638	2
DLAITINT	638	1
DLAITTRM	638	2
DLALSTLN	594	0
DLAMCSOM	428	
DLAMCSOM_GETMSG	42D	1
DLAMCSOM_KEYUSED_CART	42E	10
DLAMCSOM_KEYUSED_CMDRESP	42E	20
DLAMCSOM_KEYUSED_MASK	42E	8
DLAMCSOM_KEYUSED_NAME	42E	4
DLAMCSOM_PL_END	444	448
DLAMCSOM_RESUME	42D	2
DLAMCSOM_XACRO	428	
DLAMCSOM_XCART	430	
DLAMCSOM_XCMDRESP	42E	
DLAMCSOM_XCMDRESP_NO	42E	40
DLAMCSOM_XCMDRESP_YES	42E	80
DLAMCSOM_XCONSID	440	
DLAMCSOM_XMASK	438	
DLAMCSOM_XREQUEST	42D	
DLAMCSOM_XRSV0001	42F	

Table 95. Cross Reference for IATYDLA (continued)

Name	Offset	Hex Tag
DLAMCSOM_XRSV0002	444	
DLAMCSOM_XVERSION	42C	
DLAMCSOML	444	20
DLAMCSOP	178	
DLAMCSOP_ACTIVATE	17D	1
DLAMCSOP_DEACTIVATE	17D	2
DLAMCSOP_FIFO	1B3	80
DLAMCSOP_KEYUSED_MIGID	17E	40
DLAMCSOP_KEYUSED_NAME	17E	10
DLAMCSOP_NONE	1B3	20
DLAMCSOP_RELEASE	17D	3
DLAMCSOP_SEARCH	1B3	40
DLAMCSOP_XABTERM_YES	17E	80
DLAMCSOP_XACRO	178	
DLAMCSOP_XALERTECB	1AC	
DLAMCSOP_XALERTPCT	1B1	
DLAMCSOP_XCONSID	194	
DLAMCSOP_XFLAG	17E	
DLAMCSOP_XMCSCSA	1A0	
DLAMCSOP_XMCSCSAA	19C	
DLAMCSOP_XMIGID	1B0	
DLAMCSOP_XMIGIDREL_AUTO	17E	20
DLAMCSOP_XMSGDLVRY	1B3	
DLAMCSOP_XMSGECB	1A8	
DLAMCSOP_XNAME	184	
DLAMCSOP_XOPERPARM	180	
DLAMCSOP_XQLIMIT	198	
DLAMCSOP_XQRESUME	1B2	
DLAMCSOP_XREQUEST	17D	
DLAMCSOP_XRSV0001	17F	
DLAMCSOP_XRSV0002	1A4	
DLAMCSOP_XRSV0003	1B4	
DLAMCSOP_XTERMNAME	18C	
DLAMCSOP_XVERSION	17C	
DLAMCSOPL	1B4	4C
DLAMDADR	4EC	
DLAMDALT	4F0	0
DLAMOMSZ	0	20
DLAMOPSZ	0	4C
DLAMSCID	448	0
DLAMSCOP	208	0
DLAMSECB	114	0
DLAMSGMG	638	FA
DLAMSGPX	638	A
DLAMSGQA	464	
DLAMSGSP	638	0

Table 95. Cross Reference for IATYDLA (continued)

Name	Offset	Hex Tag
DLAMSGSX	638	32
DLAMSTKN	598	0
DLANODMP	630	8
DLAOPPRM	1C4	0
DLAPOST	3F4	
DLAPSTSZ	3FC	C
DLAQRESP	638	63
DLARECVR	630	20
DLARESMG	404	
DLARESMS	630	10
DLARESSZ	420	20
DLARF101	630	1
DLARF102	630	2
DLARF104	630	4
DLARF201	631	1
DLARF202	631	2
DLARF204	631	4
DLARF208	631	8
DLARF210	631	10
DLARF220	631	20
DLARF240	631	40
DLARF280	631	80
DLARMTKN	400	0
DLARNGCT	5A0	0
DLARNGEN	5A8	
DLARNGST	5A4	
DLARTSAV	A0	0
DLASAVE	58	0
DLASDMPX	5C0	
DLASDXSZ	628	70
DLASIZE	638	638
DLASSIB	4F4	
DLASSNM	4F8	40404040
DLASSVT	E4	
DLASTART	0	
DLASTIMR	500	0
DLASTLEN	5A8	18
DLASTLST	594	
DLASTMID	4FC	0
DLASTMSZ	500	18
DLATERMA	630	40
DLATFPRM	454	0
DLATMECB	110	0
DLATRWRK	118	0
DLAWTLB	468	0
DLAWTLTM	638	1F4

Table 95. Cross Reference for IATYDLA (continued)

Name	Offset	Hex Tag
DLAWTO	524	
DLAWTOSZ	590	70
DLAXATSZ	0	40
DLAXDLTR	158	
DLAXDTSZ	0	14
DLAXIXAT	350	
DLAXIXAT_XDIAG	384	
DLAXIXAT_XEYECATCH	351	
DLAXIXAT_XFLAG1	380	
DLAXIXAT_XFLAG2	381	
DLAXIXAT_XGROUP	358	
DLAXIXAT_XGROUPTOKEN	37C	
DLAXIXAT_XJ3CONNECT_NO	381	80
DLAXIXAT_XJ3CONNECT_YES	381	40
DLAXIXAT_XLINKPARMS	388	
DLAXIXAT_XMAINTLVL	378	
DLAXIXAT_XMEMBER	360	
DLAXIXAT_XRELEASE	370	
DLAXIXAT_XRSV0001	357	
DLAXIXAT_XRSV0002	382	
DLAXIXAT_XVERSION	350	
DLAXIXAT_XWHICHJES_COMMON	380	8
DLAXIXAT_XWHICHJES_INIT	380	10
DLAXIXAT_XWHICHJES_JES2	380	80
DLAXIXAT_XWHICHJES_JES3	380	40
DLAXIXAT_XWHICHJES_J2SPOOL	380	2
DLAXIXAT_XWHICHJES_J3CIFSS	380	4
DLAXIXAT_XWHICHJES_J3FSS	380	20
DLAXIXATL	388	40
DLAXIXDT	3E0	
DLAXIXDT_XEYECATCH	3E1	
DLAXIXDT_XGROUPTOKEN	3E8	
DLAXIXDT_XLINKPARMS	3EC	
DLAXIXDT_XRSV0001	3E7	
DLAXIXDT_XVERSION	3E0	
DLAXIXDTL	3EC	14
DLAXIXMB	390	
DLAXIXMB_XEYECATCH	391	
DLAXIXMB_XGROUPTOKEN	3B4	
DLAXIXMB_XMBOXNAME	398	
DLAXIXMB_XPOSTALET	3B0	
DLAXIXMB_XPOSTDATA	3AC	
DLAXIXMB_XPOSTXIT	3A8	
DLAXIXMB_XRSV0001	397	
DLAXIXMB_XSYSEVENT_NO	3B8	40
DLAXIXMB_XSYSEVENT_YES	3B8	80

Table 95. Cross Reference for IATYDLA (continued)

Name	Offset	Hex Tag
DLAXIXMB_XSYSEVENTS	3B8	
DLAXIXMB_XVERSION	390	
DLAXIXMBL	3B8	29
DLAXIXMD	3C0	
DLAXIXMD_XEYECATCH	3C1	
DLAXIXMD_XGROUPTOKEN	3D8	
DLAXIXMD_XMBOXNAME	3C8	
DLAXIXMD_XSTB	3C7	
DLAXIXMD_XSTB_NO	3C7	80
DLAXIXMD_XSTB_YES	3C7	40
DLAXIXMD_XVERSION	3C0	
DLAXIXMDL	3D8	1C
DLAXMBSZ	0	29
DLAXMDSZ	0	1C
M00M0007	0	178
M00M0016	0	350
M00M0017	390	
M00M0018	3BA	
M00M0019	0	3E0
M00M0023	0	428

IATYDLF information

IATYDLF programming interface information

IATYDLF is a programming interface.

IATYDLF heading information

Common name: DEADLINE FILE RECORD

Macro ID: IATYDLF

DSECT name: DLFENTRY

Owning component: JES3 (SC1BA)

Eye-catcher ID: DLF
Offset: 8
Length: 4

Storage attributes: Auxiliary Storage: JES3 spool data set
Subpool: 230, 241
Key: User's key
Data Space: None
Residency: Any

Size: Variable

Created by: N/A

Pointed to by: N/A

Serialization: N/A

Function: Contains the deadline parameters

IATYDLF mapping

Table 96. Structure DLFSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	DLFSTART	
0	(0)	BITSTRING	6	DLFTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	DLFCNT	USER COUNT.
8	(8)	CHARACTER	4	DLFID	File id.
12	(C)	BITSTRING	12	DLFCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	DLFVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	DLFDATA(0)	START OF USER DATA AREA.
28	(1C)	SIGNED	2		RESERVED FOR JES
30	(1E)	SIGNED	2	DLFFIXL	- SIZE OF FIXED AREA
32	(20)	SIGNED	2	DLFVARL	- SIZE OF VARIABLE AREA
34	(22)	BITSTRING	1	DLFFLAG1	- FLAG BYTE RESERVED FOR ASP
	DEFINITION OF DLFFLAG1				
35	(23)	BITSTRING	1	DLFFLAG2	- FLAG BYTE RESERVED FOR USER
36	(24)	SIGNED	4	DLFLOWTM	- LOW TIME IN THIS ENTRY
40	(28)	SIGNED	2	DLFFREEL	- OFFSET TO FREE ENTRY
42	(2A)	SIGNED	2	DLFACTIV	- OFFSET TO ACTIVE ENTRY
44	(2C)	SIGNED	4	DLFRSVU	- RESERVED FOR USER
48	(30)	SIGNED	4	DLFRSVD(2)	RESERVED FOR DEVELOPMENT
56	(38)	SIGNED	4	DLFRSVS(2)	RESERVED FOR SERVICE
64	(40)	BITSTRING	1	DLFFEND(0)	- END OF FIXED AREA
64	(40)	BITSTRING	1	DLFFSIZE(0)	

Table 97. Structure DLFENTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	DLFENTRY	
0	(0)	SIGNED	2	DLFCHAIN	- CHAIN TO NEXT FREE OR ACTIVE ENTRY
2	(2)	SIGNED	2	DLFJNUMC	- Compatible with DLFJNUM - see IATXJBNO macro
4	(4)	CHARACTER	8	DLFJNAME	- JOB NAME
12	(C)	SIGNED	4	DLFITIME	- INITIAL DEADLINE TIME
16	(10)	SIGNED	4	DLFJTIME	- CURRENT DEADLINE TIME
20	(14)	BITSTRING	1	DLFIPRTY	- INITIAL JOB PRIORITY
21	(15)	BITSTRING	1	DLFJPRTY	- CURRENT JOB DEADLINE PRIORITY
22	(16)	CHARACTER	1	DLFDTYPE	- DEADLINE TYPE FOR THIS JOB
23	(17)	BITSTRING	1	DLFFLAG3	- FLAG BYTE
	DEFINITION OF DLFFLAG3				
		1...		DLFINITS	"X'80'" - INITIAL PRIORITY HAS BEEN SET
		.1..		DLFPCHNG	"X'40'" - ENTRY PRIORITY HAS CHANGED
		..1.		DLFPSTDL	"X'20'" - JOB IS PAST ITS DEADLINE
		...1		DLFDINCP	"X'10'" - INITIAL PRIORITY IS AN INCREMENT

Table 97. Structure DLFENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		DLFDINCI	"X'08'" - SUBSEQUENT PRIORITY IS AN INCREMENT
24	(18)	CHARACTER	1	DLFUTYPE	- RESERVED FOR USER
25	(19)	BITSTRING	1	DLFFLAG4	- FLAG BYTE RESERVED FOR USER
26	(1A)	SIGNED	2	DLFRSVU1	- RESERVED FOR USER
28	(1C)	SIGNED	4	DLFJNUM	Job number
32	(20)	SIGNED	4	DLFRSVS1	RESERVED FOR SERVICE
36	(24)	BITSTRING	1	DLFDPRTY	- INITIAL PRIORITY FROM DLT ENTRY
37	(25)	BITSTRING	1	DLFDPINC	- SUBSEQUENT PRIORITY FROM DLT ENTRY
38	(26)	SIGNED	2	DLFDTINC	- SUBSEQUENT TIME INTERVAL
40	(28)	BITSTRING	1	DLFVEND(0)	- END OF VARIABLE AREA
40	(28)	BITSTRING	1	DLFVSIZE(0)	

Table 98. Cross Reference for IATYDLF

Name	Offset	Hex Tag
DLFACTIV	2A	
DLFCHAIN	0	
DLFCHN	C	0
DLFCNT	6	0
DLFDATA	1C	
DLFDINCI	17	8
DLFDINCP	17	10
DLFDPINC	25	
DLFDPRTY	24	
DLFDTINC	26	
DLFDTYPE	16	
DLFENTRY	0	
DLFFEND	40	
DLFFIXL	1E	
DLFFLAG1	22	
DLFFLAG2	23	
DLFFLAG3	17	
DLFFLAG4	19	
DLFFREEL	28	
DLFFSIZE	40	
DLFID	8	C4D3C640
DLFINITS	17	80
DLFIPRTY	14	
DLFITIME	C	
DLFJNAME	4	
DLFJNUM	1C	
DLFJNUMC	2	
DLFJPRTY	15	
DLFJTIME	10	
DLFLOWTM	24	
DLFPCHNG	17	40

Table 98. Cross Reference for IATYDLF (continued)

Name	Offset	Hex Tag
DLFPSTDL	17	20
DLFRSVD	30	
DLFRSVS	38	
DLFRSVS1	20	
DLFRSVU	2C	
DLFRSVU1	1A	
DLFSTART	0	
DLFTRK	0	0
DLFUTYPE	18	
DLFVARL	20	
DLFVEND	28	
DLFVLID	18	0
DLFVSIZE	28	

IATYDLOG information

IATYDLOG heading information

Common name: DLOG Common Data Area

Macro ID: IATYDLOG

DSECT name: DLGSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: DLOG
Offset: 0
Length: 4

Storage attributes: Main Storage: Any
Subpool: 241
Key: 1

Size: DLGSIZE bytes

Created by: IATCNDS

Pointed to by: SVTDLOG in IATYSVT

Serialization: NONE

Function: This macro maps the DLOG related information that is shared between the JES3 and JES3 DLOG address spaces.

IATYDLOG mapping

Table 99. Structure DLGSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	DLGSTART	, DLOG Common Data Area
0	(0)	CHARACTER	4	DLGID	Control Block Id
0	(0)	X'F1'	0	DLGSPOOL	"241" DLOG Common Data Area subpool
4	(4)	ADDRESS	1	DLGVERSN	Version number
4	(4)	X'1'	0	DLGV521	"1" HJS5521 version
4	(4)	X'1'	0	DLGCVERS	"DLGV521" Current version number
8	(8)	ADDRESS	4	DLGSSVT	Address of SSVT
12	(C)	ADDRESS	4	DLGTCB	DLOG task TCB address
16	(10)	SIGNED	4	DLGRMTKN	DLOG address space RESMGR token

Table 99. Structure DLGSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
20	(14)	ADDRESS	4	DLGDLA	Address of DLOG Address Space Data Area (DLA)
		Extended MCS Console Information.			
24	(18)	CHARACTER	8	DLGCONAM	Extended MCS Console Name
24	(18)	X'1E'	0	DLGCONSF	"DLGCONAM+6,2" Variable suffix value
32	(20)	BITSTRING	4	DLGCONID	Console id associated with the extended MCS console
		JESXCF Information.			
36	(24)	CHARACTER	16	DLGMEMBR	JESXCF member name
52	(34)	SIGNED	4	DLGGRPTK	JESXCF group token returned by IXZXIXAT
		Output information returned by the ASCRE macro. It contains the STOKEN and other information associated with the address space.			
56	(38)	DBL WORD	8	DLGASDAT(0)	Address Space Data
		IHAASEO DSECT=NO Generate the fields ASSERVE CREATE OUTPUT DATA AREA COPYRIGHT = 5685-001 THIS MODULE IS "RESTRICTED MATERIALS OF IBM" (C) COPYRIGHT IBM CORP. 1988 LICENSED MATERIALS - PROPERTY OF IBM STATUS = HBB3310 SUBPOOL: N/A, USER-PROVIDED METHOD OF ACCESS: PL/AS - %INCLUDE SYSUT5(IHAASEO) For VIA support, specify %IHAVIA = 'YES' before %INCLUDE. Declare ASEOALET as PTR(31). If other than BASED( ) is wanted, put the desired value in ASEOBASE. CHANGE ACTIVITY: $L0 = AR HBB3310 850901 PDXB: AR support			
56	(38)	DBL WORD	8	(0)	
56	(38)	X'38'	0	ASEO	"*"
56	(38)	BITSTRING	8	ASEOSTKN	64-bit stoken of new ASCB
64	(40)	ADDRESS	4	ASEOASCB	ASCB of new address space
68	(44)	ADDRESS	4	ASEOECB	ECBs, basing for IEZEAECB
72	(48)	BITSTRING	8	ASEORSV1	Reserved
		JES3 to JES3 DLOG Communication ECB.			
80	(50)	SIGNED	4	DLGCMECB	ECB used by JES3 to communicate with DLOG (e.g. to terminate)
		Trace work area used by Nuc task modules that need to create a trace record but do not have a dynamic work area. LGXDLTR IATXDLTR FUNC=TRACE, IATXDLTR Parameter List X			
		$Q0= SYSOPER HJS5521 941208 PD0DR: SP 5.2.1			
84	(54)	SIGNED	4	DLGXDLTR(0)	IATXDLTR List Form
84	(54)	ADDRESS	4		Trace table header address
88	(58)	CHARACTER	8		Caller of trace service
96	(60)	CHARACTER	8		Event identifier

Table 99. Structure DLGSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
104	(68)	ADDRESS	4		Event specific data address
108	(6C)	SIGNED	2		Event specific data length
110	(6E)	SIGNED	2		Reserved
110	(6E)	X'1C'	0	DLGDLTSZ	"*-DLGXDLTR" Size of parameter list
	DLOG Statistics.				
112	(70)	SIGNED	4	DLGPMSGS	Number of times the subtask was posted out of its WAIT and there were messages to process
116	(74)	SIGNED	4	DLGALRCT	Number of times the subtask was posted out of its WAIT and the ALERT ECB was posted
120	(78)	SIGNED	4	DLGWTLBS	The number of times a WTL was issued and we got a busy return
128	(80)	DBL WORD	8	DLGMSGCT	The total number of messages that were processed. If you divide this number by DLGPMSGS you get the number of messages processed each time the subtask wakes up
	Flags.				
136	(88)	BITSTRING	4	DLGFLAGS(0)	Flags
136	(88)	BITSTRING	1	DLGSTAT1	DLOG Status Flag One
	Definition of DLGSTAT1 (Must be OILed/NILed)				
		1...		DLGACTIP	"X'80'" DLOG activation is in progress
		.1..		DLGACTIV	"X'40'" DLOG is active (initialization is complete)
		..1.		DLGDEAIP	"X'20'" DLOG deactivation is in progress
		...1		DLGTERM	"X'10'" The DLOG address space has terminated (deactivation is complete if in process of deactivating DLOG)
		.... 1...		DLGTSTMD	"X'08'" DLOG is in test mode
		.... .1..		DLGSWTLN	"X'04'" DLOG is suspended because of a non-zero return code from the WTL macro
		.... ..1.		DLGRECVR	"X'02'" DLOG is in recovery mode
		1		DLGNOPL	"X'01'" Message was written to OPERLOG but not SYSLOG
137	(89)	BITSTRING	1	DLGSTAT2	DLOG Status Flag Two
	Definition of DLGSTAT2. (Must be OILed/NILed)				
		1...		DLGALDSF	"X'80'" Alert mode - the message data space is full
		.1..		DLGALQLM	"X'40'" Alert mode - the number of messages indicated by the QLIMIT has been reached
		..1.		DLGALPER	"X'20'" Alert mode - the number of messages indicated by the alert percentage has been reached
137	(89)	X'E0'	0	DLGALERT	"DLGALDSF+DLGALQLM+DLGALPER" Alert mode is active
		...1		DLGS2R10	"X'10'" Reserved flag

Table 99. Structure DLGSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		DLGS2R08	"X'08'" Reserved flag
		.... .1..		DLGS2R04	"X'04'" Reserved flag
		.... ..1.		DLGS2R02	"X'02'" Reserved flag
		1		DLGS2R01	"X'01'" Reserved flag
138	(8A)	BITSTRING	1	DLGFLG1	DLOG Flag One
		Definition of DLGFLG1. (Must be OILed/NILed)			
		1...		DLGATIME	"X'80'" DLOG ATIME interval has expired
		.1..		DLGVSYSL	"X'40'" VARY SYSLOG,HARDCPY command was issued
		..1.		DLGWLOGS	"X'20'" WRITELOG START command was issued
		...1		DLGJXATT	"X'10'" JESXCF attach was done by the DLOG address space
		.... 1...		DLGJXDET	"X'08'" JESXCF detach was done by the DLOG address space before it terminated
		.... .1..		DLGRF104	"X'04'" Reserved flag
		.... ..1.		DLGRF102	"X'02'" Reserved flag
		1		DLGRF101	"X'01'" Reserved flag
139	(8B)	BITSTRING	1	DLGFLG2	DLOG Flag Two
		Definition of DLGFLG2.			
		1...		DLGRF280	"X'80'" Reserved flag
		.1..		DLGRF240	"X'40'" Reserved flag
		..1.		DLGRF220	"X'20'" Reserved flag
		...1		DLGRF210	"X'10'" Reserved flag
		.... 1...		DLGRF208	"X'08'" Reserved flag
		.... .1..		DLGRF204	"X'04'" Reserved flag
		.... ..1.		DLGRF202	"X'02'" Reserved flag
		1		DLGRF201	"X'01'" Reserved flag
		Reserved for flags.			
140	(8C)	BITSTRING	4	DLGFLRSV	Reserved for flags
		The information that preceeds this label is cleared each time DLOG is initialized. On the JES3 global processor, the area is cleared when DLOG is started. On a JES3 local processor, the area is cleared when DLOG the local detects that DLOG became active. The information below this label is not cleared except when the storage for the DLOG is first obtained.			
144	(90)	SIGNED	4	DLGCLEND(0)	End of info to be cleared
144	(90)	X'90'	0	DLGCLSIZ	"*-DLGSTART" Size of info to be cleared
		DLOG Trace Table Header.			
144	(90)	ADDRESS	4	DLGTRACE	Address of DLOG trace table header

Table 99. Structure DLGSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		End of DLOG Common Data Area.			
152	(98)	DBL WORD	8	DLGEND(0)	End of Data Area
152	(98)	X'98'	0	DLGSIZE	"DLGEND-DLGSTART" Size of Data Area

Table 100. Cross Reference for IATYDLOG

Name	Offset	Hex Tag
ASEO	38	38
ASEOASCB	40	
ASEOECB	44	
ASEORSV1	48	
ASEOSTKN	38	
DLGACTIP	88	80
DLGACTIV	88	40
DLGALDSF	89	80
DLGALERT	89	E0
DLGALPER	89	20
DLGALQLM	89	40
DLGALRCT	74	0
DLGASDAT	38	
DLGATIME	8A	80
DLGCLEND	90	
DLGCLSIZ	90	90
DLGCMECB	50	0
DLGCONAM	18	E2E8E2D1
DLGCONID	20	0
DLGCONSF	18	1E
DLGCVERS	4	1
DLGDEAIP	88	20
DLGDLA	14	
DLGDLTSZ	6E	1C
DLGEND	98	
DLGFLAGS	88	
DLGFLG1	8A	0
DLGFLG2	8B	0
DLGFLRSV	8C	0
DLGGRPTK	34	0
DLGID	0	C4D3D6C7
DLGJXATT	8A	10
DLGJXDET	8A	8
DLGMEMBR	24	D1C5E2F3
DLGMSGCT	80	0
DLGNOPL	88	1
DLGPMSGS	70	0
DLGRECVR	88	2

Table 100. Cross Reference for IATYDLOG (continued)

Name	Offset	Hex Tag
DLGRF101	8A	1
DLGRF102	8A	2
DLGRF104	8A	4
DLGRF201	8B	1
DLGRF202	8B	2
DLGRF204	8B	4
DLGRF208	8B	8
DLGRF210	8B	10
DLGRF220	8B	20
DLGRF240	8B	40
DLGRF280	8B	80
DLGRMTKN	10	0
DLGSIZE	98	98
DLGSPOOL	0	F1
DLGSSVT	8	
DLGSTART	0	
DLGSTAT1	88	0
DLGSTAT2	89	0
DLGSWTLN	88	4
DLGS2R01	89	1
DLGS2R02	89	2
DLGS2R04	89	4
DLGS2R08	89	8
DLGS2R10	89	10
DLGTCB	C	
DLGTERM	88	10
DLGTRACE	90	
DLGTSTMD	88	8
DLGVERSN	4	
DLGVSYSL	8A	40
DLGV521	4	1
DLGWLOGS	8A	20
DLGWTLBS	78	0
DLGXDLTR	54	

IATYDMC information

IATYDMC heading information

Common name: THE DATA MANAGEMENT CONTROL BLOCK (DMC)

Macro ID: IATYDMC

DSECT name: DMCSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: DMC
Offset: 0
Length: 4

Storage attributes: Auxiliary Storage: None
Subpool: 231, 230, 229, 0
Key: JES key, TCB key
Data Space: None
Residency: Any

Size: DMCFSIZE bytes for UBUFs, JSAM buffers, and writer buffers, DMCPSIZE bytes for PBUFs

Created by: IATDMUB
IATINIO
IATINJQ (FOR JOB VALIDATION/RESTART)
IATINJR (FOR JOB VALIDATION/RESTART)
IATINM3
IATOSSI

Pointed to by: FOR USAM PBUFS: BALDMCBA OF IATYBAL (BALP)
FOR JSAM BUFFERS: BALDMCBA OF IATYBAL (BALJ)
FOR USAM UBUFS: DSBDMCBA OF IATYDSB
FOR WRITER BUFFERS: OSDDMCCP OF IATYOSD
POINTS TO 1ST CELL
POOL EXTENT

Serialization: NONE

Function: Contains CCWS for Spool I/O, chain pointers and flags associated with a data buffer (DAT).

IATYDMC mapping

Table 101. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

Table 102. Structure DMCSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	DMCSTART	
32	(20)	X'5'	0	DMCWRTOP	"5" - WRITE DATA CHANNEL COMMAND
32	(20)	X'6'	0	DMCRDOP	"6" - READ DATA CHANNEL COMMAND
		1... .1.1		DMCEXTWT	"X'85'" EXT CKD WRITE COMMAND
40	(28)	X'30'	0	DMCCPEND	"*" - END OF CHANNEL PROGRAM
48	(30)	DBL WORD	8	DMCSEEK	- BBCCCCccch for SEEK + R + sector
48	(30)	X'32'	0	DMCSRCH	"DMCSEEK+2,5" - CCCCccchRR for search
48	(30)	X'36'	0	DMCRCRD	"DMCSEEK+6,1" RECORD NO FOR THIS I/O
48	(30)	X'37'	0	DMCSECT	"DMCSEEK+7,1" - SECTOR NO FOR THIS I/O
THE FOLLOWING CCW1'S ARE FROM THE COUNT-KEY-DATA (CKD) EXTENTIONS ARCHITECTURE. WHEN USED BY JES3, THEY REPLACE SEEK, SET SECTOR, SEARCH ID EQUAL, AND TIC TO SEARCH CCW1'S.					
0	(0)	BITSTRING	16	DMCPRMS(0)	LOCATE RECORD CCW1 PARAMETERS
0	(0)	BITSTRING	1	DMCLOCOP	OPERATION BYTE
		.... .11.		DMCLOCRD	"X'06'" LOC REC READ
		1		DMCLOCWT	"X'01'" LOC REC WRITE
1	(1)	BITSTRING	1	DMCLOCAX	AUXILLIARY BYTE
2	(2)	BITSTRING	2	DMCLOCNO	NO. RECS TO BE PROCESSED
4	(4)	BITSTRING	4	DMCLOCSK	CCCCccch information
8	(8)	BITSTRING	5	DMCLOCSR	CCCCccchRR
13	(D)	BITSTRING	1	DMCLOCST	SECTOR NUMBER
14	(E)	BITSTRING	2	DMCLOCLN	TRANSFER LENGTH FACTOR

Table 102. Structure DMCSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
56	(38)	CHARACTER	4	DMCID	- BLOCK IDENTIFICATION
60	(3C)	ADDRESS	4	DMCDAT	POINTER TO CORRESPONDING DAT
		1...		DMCDTAUX	"X'80'" IF ON IN DMCDAT, ASSOCIATED DAT IS IN JES3AUX MUST BE ONLY HIGH ORDER BIT
		THE FOLLOWING AREA IS MULTIPLY DEFINED			
64	(40)	SIGNED	4	DMCMULTD(0)	- MULT FIELD DEFINITION ORIGIN
		THE FOLLOWING FIELDS APPLY TO JES3 MEMORY BUFFERS			
64	(40)	ADDRESS	4	DMCRREAD	- RRE ADDR FOR TAT I/O POSTING
64	(40)	X'40'	0	DMCJCTOF	"DMCRREAD,4" For JCT I/O, the offset of the JCT or JCTX in the 64-bit JCT cache
68	(44)	ADDRESS	4	DMCJBTAT	- JBTAT FDB ADDR
68	(44)	ADDRESS	4	DMCBUFF	IN CORE BUFF CHN PTRS
		1...		DMCPSTBT	"X'80'" - BIT USED TO POST JESIO FCT'S
		THE FOLLOWING FIELDS APPLY TO USER MEMORY BUFFERS			
64	(40)	ADDRESS	4	DMCBPTR	- ADDR OF CURR BUFF POSITION
68	(44)	SIGNED	2	DMCRL	- ROOM LEFT IN CURR BUFF
70	(46)	SIGNED	2	DMCLRECL	- LOGICAL RECORD LENGTH
		THE FOLLOWING FIELDS APPLY TO USAM PBUFS			
64	(40)	SIGNED	4	DMCDATRA	- REAL ADDRESS OF DAT FOR THIS DMC
68	(44)	SIGNED	4	DMCWORK	- WORK AREA FOR PROT BUFFERS
		The following fields apply to multi-record read JSAM buffers.			
64	(40)	ADDRESS	4	DMCCHAIN	- BUFFER CHAIN POINTER.
68	(44)	SIGNED	4	DMCJCTMR	JCT RECORD NUMBER- FOR JOB VALIDATION/RESTART
		THE FOLLOWING FIELDS APPLY TO ALL FORMS OF IATYDMC'S			
72	(48)	SIGNED	4	DMCCLINE	- CURR LINE BEING PROCESSED
76	(4C)	SIGNED	4	DMCCREC	- CURR RECORD BEING PROCESSED
80	(50)	SIGNED	4	DMCCPAGE	- CURR PAGE BEING PROCESSED
80	(50)	X'48'	0	DMCFDSAV	"DMCCLINE" FD ADDR SAVE ON JES INPUT- AND FOR WRTCHAIN
84	(54)	SIGNED	2	DMCRECCT	AVAILBLE RECORD COUNT SAVE AREA
86	(56)	BITSTRING	2	DMCASID	- ADDRESS SPACE ID OF DMC
88	(58)	ADDRESS	4	DMCNXDMC	- NEXT IATYDMC IN I/O QUEUE (For STC/TSO logon or spool browse request, next DMC in in-storage queue)

Table 102. Structure DMCSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
92	(5C)	ADDRESS	4	DMCDMCPT	- For a protected buffer 14500T6C (PBUF), the associated 14500T6A UBUF DMC. For a spool 14500T6A browse UBUF, the next 14500T6A core buffer UBUF DMC in 14500T6A the address space of the 14500T6A job being browsed, if 14500T6A multiple core buffers 14500T6A exist. 14500T6A
96	(60)	BITSTRING	1	DMCFLAG1	- SEE BIT DEFINITION BELOW
	DEFINITION OF DMCFLAG1				
		1...		DMCJESIO	"X'80'" - JES3 MEMORY I/O
		.1..		DMCJTAT	"X'40'" - IATDMTK JBTAT I/O
		..1.		DMCPERR	"X'20'" - CHANNEL PROGRAM FAILED
		...1		DMCREBLD	"X'10'" - REBUILT AFTER UNKNOWN ERROR
		.... 1...		DMCNPUT	"X'08'" - BUFFER TO BE KEPT BY JES
		.... .1..		DMCJBTRK	"X'04'" - TRK FCT POST REQ'D
		.... ..1.		DMCNFREE	"X'02'" - DON'T FREE UBUF IN IATDMEBS
		1		DMCWRITE	"X'01'" - WRITE REQUEST
97	(61)	BITSTRING	1	DMCFLAG2	SEE BIT DEFINITION BELOW
	DEFINITION OF DMCFLAG2				
		1...		DMCRETRY	"X'80'" I/O REQUESTED BY I/O ERR RECOVERY
		.1..		DMCROTIO	"X'40'" ROOT FDB BEING UPDATED
		..1.		DMCCHNIO	"X'20'" DISK ADDR CHAIN BEING UPDATED
		...1		DMCCOMPL	"X'10'" RETRY I/O COMPLETED
		.... 1...		DMCPGFRE	"X'08'" BUFFER HAS BEEN FREED
		.... .1..		DMCNOFDB	"X'04'" NO FDB ASSOCIATED WITH BUF.
		.... ..1.		DMCMLTRD	"X'02'" MULTIPLE READ REQUEST
		1		DMCLSTBF	"X'01'" LAST BUFFER OF MULT READ
98	(62)	BITSTRING	1	DMCFLAG3	SEE BIT DEFINITION BELOW
	DEFINITION OF DMCFLAG3				
		1...		DMCFXDAT	"X'80'" DAT PERMANENTLY PAGE FIXED
		.1..		DMCFXDMC	"X'40'" DMC PERMANENTLY PAGE FIXED
		..1.		DMCBUFDA	"X'20'" EXTENDED CKD CCW1S CREATED
		...1		DMCSCHRB	"X'10'" I/O COMPLETE - SRB SCHEDULED
		.... 1...		DMCONQ	"X'08'" DMC ON WAIT/BUSY QUEUE
		.... .1..		DMCBLKIO	"X'04'" BLOCK I/O
		.... ..1.		DMCBFRET	"X'02'" RETURN BUFFER TO SDM
		1		DMCMCBUF	"X'01'" Multiple core buffer process
99	(63)	BITSTRING	1	DMCFLAG4	JES3 GLOBAL ADDR SPACE FLAG BYTE - FOR USE ONLY BY IATNUC TASK
	DEFINITION OF DMCFLAG4				
		1...		DMCDATMD	"X'80'" ASSOCIATED DAT MODIFIED - WRTCHAIN OPTION=MODONLY MUST WRITE
		.1..		DMCJBTOV	"X'40'" JBT EXPANSION POST REQUIRED

Table 102. Structure DMCSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		DMCNOJCK	"X'20'" Don't perform job id check on JBT write
		...1		DMCWRTCH	"X'10'" WRTCHAIN DMC
		.... 1...		DMCFCSET	"X'08'" DMCFCT PRESET FOR SRF WRITE 0680
		.... .1..		DMCSRFFD	"X'04'" SRF READ REQUEST FROM FD 0680
		.... ..1.		DMCCSBTR	"X'02'" CSBT-READ DMC
		1		DMCNCBUF	"X'01'" Nth core buffer in progress
100	(64)	BITSTRING	1	DMCFLAG5	SEE BIT DEFINITION BELOW
		DEFINITION OF DMCFLAG5			
		1...		DMCCPDS	"X'80'" COMPOSED PAGE DATA STREAM
		.1..		DMCVLCHK	"X'40'" DMC validation check flag (used for loop detection)
		..1.		DMCBTRNC	"X'20'" This data set's records have been blank truncated
		...1		DMCNCONT	"X'10'" Do not mark this record as a continuation
		.... 1...		DMCBADAT	"X'08'" Bad data detected - data was truncated
		.... .1..		DMCRDBK	"X'04'" Reading backward
		.... ..1.		DMCPRLST	"X'02'" Processing last USAM buffer 10343S2A
		1		DMCUPDTE	"X'01'" DMC being re-read, leave counts and current buffer pointer intact
101	(65)	BITSTRING	1	DMCJCNT	JSAM-IO COUNT FIELD
102	(66)	BITSTRING	1	DMCFLAG6	Flag byte 6
		---------- 12214S5A Definition of DMCFLAG6 12214S5A ---------- 12214S5A			
		1...		DMCCATSW	"X'80'" Data set concatenation 12214S5A switch has been done 12214S5A
		.1..		DMCFL640	"X'40'" Reserved bit for IBM 12214S5A
		..1.		DMCFL620	"X'20'" Reserved bit for IBM 12214S5A
		...1		DMCFL610	"X'10'" Reserved bit for IBM 12214S5A
		.... 1...		DMCFL608	"X'08'" Reserved bit for IBM 12214S5A
		.... .1..		DMCFL604	"X'04'" Reserved bit for IBM 12214S5A
		.... ..1.		DMCFL602	"X'02'" Reserved bit for IBM 12214S5A
		1		DMCFL601	"X'01'" Reserved bit for IBM 12214S5A
103	(67)	BITSTRING	1	DMCRDMSK	OUTPUT COMPLETED MASK BYTE
104	(68)	BITSTRING	1	DMCDSP	DSP DICT. NO. AT GETBUF
105	(69)	BITSTRING	1	DMCSTKEY	SAVE AREA FOR RD/WRT PSW KEY
106	(6A)	BITSTRING	10	DMCLKTRC(0)	PUT lock trace 07519SXC
106	(6A)	BITSTRING	9	DMCLKFPV	PUT lock footprint - prev. 07519SXC
115	(73)	BITSTRING	1	DMCLKFPT	PUT lock footprint - current

Table 102. Structure DMCSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		PUT lock Footprint Definitions Each module has a range of codes. Odd numbers are reserved for lock obtains and even numbers for lock releases.			
		1		DMCLKDM1	"X'01'" IATDMDM PUT lock obtain
		.... ..1.		DMCLKDM2	"X'02'" IATDMDM PUT lock release
		11		DMCLKDM3	"X'03'" IATDMDM PUT lock obtain
		...1 ..1.		DMCLKEB1	"X'12'" IATDMEB3 PUT lock release 11485TAC
		..1. ...1		DMCLKUB1	"X'21'" IATDMUB PUT lock obtain
		..11 ..1.		DMCLKCC1	"X'32'" IATSICC PUT lock release
		..11 ..11		DMCLKCC2	"X'33'" IATSICC PUT lock obtain
		..11 .1..		DMCLKCC3	"X'34'" IATSICC PUT lock release
		..11 .11.		DMCLKCC4	"X'36'" IATSICC PUT lock release
		..11 1...		DMCLKCC5	"X'38'" IATSICC PUT lock release
		.1.. ..1.		DMCLKJS1	"X'42'" IATSIJS PUT lock release
		.1.1 ...1		DMCLKOR1	"X'51'" IATSIOR PUT lock obtain
		.1.1 ..1.		DMCLKOR2	"X'52'" IATSIOR PUT lock release
		.1.1 .1..		DMCLKOR3	"X'54'" IATSIOR PUT lock release
		.1.1 .11.		DMCLKOR4	"X'56'" IATSIOR PUT lock release
		.1.1 .111		DMCLKOR5	"X'57'" IATSIOR PUT lock obtain
		.1.1 1...		DMCLKOR6	"X'58'" IATSIOR PUT lock release
		.11. ...1		DMCLKSP1	"X'61'" IATGRSP PUT lock obtain
		.11. ..1.		DMCLKSP2	"X'62'" IATGRSP PUT lock release
		.11. ..11		DMCLKSP3	"X'63'" IATGRSP PUT lock re-obtain
116	(74)	ADDRESS	4	DMCTVTP	IATYTVT POINTER
116	(74)	X'74'	0	DMCPUTLK	"DMCTVTP" USAM PUT LOCK - USED IN THE FIRST UBUF DMC IN THE POOL
120	(78)	ADDRESS	4	DMCNXDUP	- Original DMC chain pointer 12190S5C (Also used as a work area 12190S5A in IATOSSI) 12190S5A
124	(7C)	ADDRESS	4	DMCFCT	PTR TO FCT FOR JSAM BUFFERS
128	(80)	ADDRESS	4	DMCFDDSS	- DSS FOR NON-JES MEMORY I/O, FDB for JES memory I/O 12190S5M
128	(80)	X'80'	0	DMCACQ	"DMCFDDSS" Address of ACQ entry for 12190S5M this block I/O 12190S5M
		---------- 12190S5A The following 16 bytes are doubly defined. 12190S5A The time stamp fields are used in UBUFs for PUT 12190S5A processing for SYSLOG jobs. The fields overlaying 12190S5A them are for other functions (JSAM, PBUFs, etc.) 12190S5A ---------- 12190S5A			
132	(84)	BITSTRING	8	DMCSTCKL	Low SYSLOG time stamp 12190S5A
140	(8C)	BITSTRING	8	DMCSTCKH	High SYSLOG time stamp 12190S5A
132	(84)	ADDRESS	4	DMCNEXT	NEXT DMC FOR WRTCHAIN OR CSBT-READ
136	(88)	ADDRESS	4	DMCPREV	PREVIOUS DMC FOR WRTCHAIN OR CSBT-READ 2#12190S5D
140	(8C)	SIGNED	4	DMCPBUF1	Pointer to first PBUF for multiple buffer read
144	(90)	SIGNED	2	DMCTPCBR	Total previous core buffer records

Table 102. Structure DMCSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
146	(92)	SIGNED	2	DMCRSVD1	Reserved for IBM
Field DMCSORT contains the normalized disk address and record number used to sort PBUF and JSAM DMCs.					
148	(94)	BITSTRING	5	DMCSORT	cccCCCChRR for sorting
148	(94)	X'94'	0	DMCSORTC	"DMCSORT,4" cccCCCCh for SORT
148	(94)	X'98'	0	DMCSORTR	"DMCSORT+4,1" R for SORT
153	(99)	BITSTRING	3	DMCRSVD3	Reserved for IBM
156	(9C)	SIGNED	4	DMCRSVD2(3)	Reserved for IBM
FIELDS DMCRETN, DMCRETN1, AND DMCRETN2 CONTAIN THE LAST THREE RETURN ADDRESS IN THE CALLING SEQUENCE LEADING TO THE JESREAD FOR THE BUFFER FOR THIS DMC. FIELDS DMCRETN1 AND DMCRETN2 USE FIELDS DMCCWRK1 AND DMCCWRK2. DMCCWRK1 AND DMCCWRK2 ARE USED BY MODULE IATDMDK AS REGISTER SAVE AREAS ACROSS A CALL TO PAGE SERVICES. SINCE THE I/O FOR THE BUFFER HAS BEEN COMPLETE BY THE TIME IATDMNC REGAINS CONTROL TO SAVE THE RETURN ADDRESSES, NO CONFLICT EXISTS IN THE DUAL USAGE OF THESE TWO FIELDS. 12214S5A DMCSTCKE overlays the above fields as well as DMCCWRK3, 12214S5A so these fields may be destroyed in IATDMDM's DMP000 12214S5A routine when processing a PUT for SYSLOG. 12214S5A 12214S5A NOTE: IAYTDMC CAN BE EXPANDED AS EITHER TYPE=DSECT OR TYPE=DATA. IF TYPE=DATA IS SPECIFIED, LABELS DMCRETN, DMCRETN1, AND DMCRETN2 IN THE ABOVE DESCRIPTION WILL BE DKRETN, DKRETN1, AND DKRETN2 RESPECTIVELY.					
168	(A8)	BITSTRING	16	DMCSTCKE(0)	Work area for time stamp 12214S5A
168	(A8)	ADDRESS	4	DMCRETN	RETURN ADDRESS OF CALLER
172	(AC)	SIGNED	4	DMCCWRK1	COMMON WORK AREA 1
172	(AC)	X'AC'	0	DMCRETN1	"DMCCWRK1" SECOND LEVEL RETURN ADDRESS
176	(B0)	SIGNED	4	DMCCWRK2	COMMON WORK AREA 2
176	(B0)	X'B0'	0	DMCRETN2	"DMCCWRK2" THIRD LEVEL RETURN ADDRESS
180	(B4)	SIGNED	4	DMCCWRK3	COMMON WORK AREA 3
184	(B8)	SIGNED	4	DMCSKCNT	Count of page skips (ASA x'F1' or machine control characters x'89' or x'8B')
192	(C0)	DBL WORD	8	DMCFEND(0)	- END OF FIXED PART OF IATYDMC
192	(C0)	X'C0'	0	DMCFSIZE	"DMCFEND-DMCSTART" - SIZE OF FIXED PART OF IATYDMC
DMCSAVE AND DMCXMWRK ARE FOR USAM PBUFS ONLY					
192	(C0)	SIGNED	4	DMCSAVE(18)	SAVE AREA
192	(C0)	X'D8'	0	DMCSAVE1	"DMCSAVE+24" REG 1 SAVE AREA
264	(108)	CHARACTER	1	DMCXMWRK(0)	WORK AREA FOR CROSS MEMORY MOVES
320	(140)	DBL WORD	8	DMCPEND(0)	- END OF PBUF TYPE OF IATYDMC
320	(140)	X'140'	0	DMCPSIZE	"DMCPEND-DMCSTART" - SIZE OF PBUF TYPE OF IATYDMC

Table 103. Cross Reference for IATYDMC

Name	Offset	Hex Tag
DMCACQ	80	80
DMCASID	56	0
DMCBADAT	64	8

Table 103. Cross Reference for IATYDMC (continued)

Name	Offset	Hex Tag
DMCBFRET	62	2
DMCBLKIO	62	4
DMCBPTR	40	
DMCBTRNC	64	20
DMCBUFDA	62	20
DMCBUFF	44	
DMCCATSW	66	80
DMCCHAIN	40	
DMCCHNIO	61	20
DMCCLINE	48	0
DMCCOMPL	61	10
DMCCPAGE	50	0
DMCCPDS	64	80
DMCCPEND	28	30
DMCCREC	4C	0
DMCCSBTR	63	2
DMCCWRK1	AC	0
DMCCWRK2	B0	0
DMCCWRK3	B4	0
DMCDAT	3C	
DMCDATMD	63	80
DMCDATRA	40	0
DMCDMCPT	5C	
DMCDSP	68	0
DMCDTAUX	3C	80
DMCEXTWT	20	85
DMCFCSET	63	8
DMCFCT	7C	
DMCFDDSS	80	
DMCFDSAV	50	48
DMCFEND	C0	
DMCFLAG1	60	0
DMCFLAG2	61	0
DMCFLAG3	62	0
DMCFLAG4	63	0
DMCFLAG5	64	0
DMCFLAG6	66	0
DMCFL601	66	1
DMCFL602	66	2
DMCFL604	66	4
DMCFL608	66	8
DMCFL610	66	10
DMCFL620	66	20
DMCFL640	66	40
DMCFSIZE	C0	C0
DMCFXDAT	62	80

Table 103. Cross Reference for IATYDMC (continued)

Name	Offset	Hex Tag
DMCFXDMC	62	40
DMCID	38	C4D4C340
DMCJBTAT	44	
DMCJBTOV	63	40
DMCJBTRK	60	4
DMCJCNT	65	0
DMCJCTMR	44	0
DMCJCTOF	40	40
DMCJESIO	60	80
DMCJTAT	60	40
DMCLKCC1	73	32
DMCLKCC2	73	33
DMCLKCC3	73	34
DMCLKCC4	73	36
DMCLKCC5	73	38
DMCLKDM1	73	1
DMCLKDM2	73	2
DMCLKDM3	73	3
DMCLKEB1	73	12
DMCLKFPT	73	0
DMCLKFPV	6A	
DMCLKJS1	73	42
DMCLKOR1	73	51
DMCLKOR2	73	52
DMCLKOR3	73	54
DMCLKOR4	73	56
DMCLKOR5	73	57
DMCLKOR6	73	58
DMCLKSP1	73	61
DMCLKSP2	73	62
DMCLKSP3	73	63
DMCLKTRC	6A	
DMCLKUB1	73	21
DMCLOCAX	1	80
DMCLOCLN	E	0
DMCLOCNO	2	1
DMCLOCOP	0	0
DMCLOCRD	0	6
DMCLOCSK	4	0
DMCLOCSR	8	0
DMCLOCST	D	0
DMCLOCWT	0	1
DMCLRECL	46	0
DMCLSTBF	61	1
DMCMCBUF	62	1
DMCMLTRD	61	2

Table 103. Cross Reference for IATYDMC (continued)

Name	Offset	Hex Tag
DMCMULTD	40	
DMCNCBUF	63	1
DMCNCONT	64	10
DMCNEXT	84	
DMCNFREE	60	2
DMCNOFDB	61	4
DMCNOJCK	63	20
DMCNPUT	60	8
DMCNXDMC	58	
DMCNXDUP	78	
DMCONQ	62	8
DMCPBUF1	8C	0
DMCPEND	140	
DMCPERR	60	20
DMCPGFRE	61	8
DMCPREV	88	
DMCPRLST	64	2
DMCPRMS	0	
DMCPSIZE	140	140
DMCPSTBT	48	80
DMCPUTLK	74	74
DMCRCRD	30	36
DMCRDBK	64	4
DMCRDMSK	67	0
DMCRDOP	20	6
DMCREBLD	60	10
DMCRECCT	54	0
DMCRETN	A8	
DMCRETN1	AC	AC
DMCRETN2	B0	B0
DMCRETRY	61	80
DMCRL	44	0
DMCROTIO	61	40
DMCRREAD	40	
DMCRSVD1	92	0
DMCRSVD2	9C	0
DMCRSVD3	99	0
DMCSAVE	C0	0
DMCSAVE1	C0	D8
DMCSCHRB	62	10
DMCSECT	30	37
DMCSEEK	30	0
DMCSKCNT	B8	0
DMCSORT	94	0
DMCSORTC	94	94
DMCSORTR	94	98

Table 103. Cross Reference for IATYDMC (continued)

Name	Offset	Hex Tag
DMCSRCH	30	32
DMCSRFFD	63	4
DMCSTART	0	
DMCSTCKE	A8	
DMCSTCKH	8C	0
DMCSTCKL	84	0
DMCSTKEY	69	0
DMCTPCBR	90	0
DMCTVTP	74	
DMCUPDTE	64	1
DMCVLCHK	64	40
DMCWORK	44	0
DMCWRITE	60	1
DMCWRTCH	63	10
DMCWRTOP	20	5
DMCXMWRK	108	

IATYDOI information

IATYDOI programming interface information

IATYDOI is a programming interface.

IATYDOI heading information

Common name: Dataset Output Information

Macro ID: IATYDOI

DSECT name: DOISTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: DOI
Offset: DOIID
Length: 4

Storage attributes: Auxiliary Storage: SPOOL
Subpool: 230
Key: 1 (JESKEY)
Residency: ANY

Size: DOIMAXSZ

Created by: IATSIOD

Pointed to by: ORTDOIA in IATYORT
FSDBSWB in IATYFSDB
IDDOTFDB in IATYIDD
JDOOTFDB in IATYJDO
JDSDOFDB in IATYJDS
OSEOTFDB in IATYOSE
SRLGDSWB in IATYSRL

Serialization: NONE

Function: Maps the user-specific information that is spooled with the output descriptors for SYSOUT data sets for use during output service.

IATYDOI mapping

Table 104. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

Table 105. Structure DOISTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	DOISTART	
0	(0)	CHARACTER	4	DOIID	Eyecatcher
4	(4)	SIGNED	2	DOILENGT	Length of DOI
6	(6)	SIGNED	2	DOIJDOOF	Offset of DOIJDO
8	(8)	BITSTRING	32	DOICHAIN	Pointer to next DOI MRF
40	(28)	CHARACTER	8	DOIUSID	User id
48	(30)	CHARACTER	8	DOIJOBID	Job id
56	(38)	CHARACTER	8	DOIJBNAM	Job name
64	(40)	BITSTRING	1	DOIFLAGS	Flag byte
		Definition of DOIFLAGS			
		1...		DOIJMRP	"X'80'" JMR is present in DOI
		.1..		DOIJDOP	"X'40'" JDO is present in DOI
		..1.		DOIFAKE	"X'20'" DOI is not a real DOI 0259
		...1		DOIUSND	"X'10'" USERID (DOIUSID) is 0004 undefined 0004
		.... 1...		DOIDOIXP	"X'08'" DOI extension present 09611S2A
		.... .1..		DOITRANS	"X'04'" Transaction output 09611S2A (APPC, BPXAS, etc.) 09611S2A
65	(41)	BITSTRING	1	DOIRSVD1	Reserved for IBM 09611S2C
66	(42)	SIGNED	2	DOIEXTOF	Offset to DOI extension 09611S2A
68	(44)	BITSTRING	8	DOIJSABC	JSAB create time 0034
76	(4C)	BITSTRING	8	DOIEXSTK	Transaction execution 09611S2C start time (STCK fmt) 09611S2A
84	(54)	SIGNED	4	DOIRSVU1(2)	Reserved for user
		WARNING 09611S2A The size of the DOI header must not be changed, in 09611S2A order to maintain compatibility with older 09611S2A releases. Add new fields to the DOI extension. 09611S2A		09611S2A 09611S2A	
84	(54)	X'5C'	0	DOIFSIZE	"*-DOISTART" Length of fixed portion
		JMR (for APPC sysout)			
92	(5C)	BITSTRING	1	DOIJMR(0)	JMR
		JDO (for DYNAMIC OUTPUT statements and APPC sysout)			
92	(5C)	BITSTRING	1	DOIJDO(0)	JDO 09611S2D

Table 106. Structure DOIX

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	DOIX	, DOI extension mapping 09611S2A
0	(0)	CHARACTER	4	DOIXID	Eyecatcher 09611S2A
4	(4)	SIGNED	2	DOIXLENG	DOI extension length 09611S2A
6	(6)	BITSTRING	1	DOIXVERS	DOI extension version 09611S2A
6	(6)	X'1'	0	DOIXCVER	"DOIXVER1" Current DOIX version 09611S2A
6	(6)	X'1'	0	DOIXVER1	"1" Initial DOIX version 09611S2A
7	(7)	BITSTRING	1	DOIXRSV1	Reserved for IBM 09611S2A
8	(8)	SIGNED	4	DOIXRSV2(6)	Reserved for IBM 09611S2A
8	(8)	X'20'	0	DOIXEND	"*" End of DOI extension 09611S2A
8	(8)	X'20'	0	DOIXSIZE	"DOIXEND-DOIX" Length of DOI extension 09611S2A
8	(8)	X'702'	0	DOIMAXSZ	"DOIFSIZE+L'DOIJMR+JDOMXSIZ+DOIXSIZE" Maximum 09611S2A DOI size 09611S2A

Table 107. Cross Reference for IATYDOI

Name	Offset	Hex Tag
DOICHAIN	8	
DOIDOIXP	40	8
DOIEXSTK	4C	
DOIEXTOF	42	
DOIFAKE	40	20
DOIFLAGS	40	
DOIFSIZE	54	5C
DOIID	0	
DOIJBNAM	38	
DOIJDO	5C	
DOIJDOOF	6	
DOIJDOP	40	40
DOIJMR	5C	
DOIJMRP	40	80
DOIJOBID	30	
DOIJSABC	44	
DOILENGT	4	
DOIMAXSZ	8	702
DOIRSVD1	41	
DOIRSVU1	54	
DOISTART	0	
DOITRANS	40	4
DOIUSID	28	
DOIUSND	40	10
DOIX	0	
DOIXCVER	6	1
DOIXEND	8	20
DOIXID	0	
DOIXLENG	4	
DOIXRSV1	7	

Table 107. Cross Reference for IATYDOI (continued)

Name	Offset	Hex Tag
DOIXRSV2	8	
DOIXSIZE	8	20
DOIXVERS	6	
DOIXVER1	6	1

IATYDOT information

IATYDOT heading information

Common name: Dataset Output Table

Macro ID: IATYDOT

DSECT name: DOTSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: DOT
Offset: 0
Length: 4

Storage attributes: Main Storage: JES3DOT Pool
Auxiliary Storage: N/A
Subpool: N/A
Key: 1 (JESKEY)
Auxiliary Storage: N/A
Residency: Any

Size: See module listing

Created by: IATGRJA

Pointed to by: DOTNEXT in IATYDOT
JETEDTAD in IATYJET

Serialization: None

Function: Maps the entry in the JES3DOT pool, which contains information from the DOI (Dataset Output Information) entry for a SYSOUT data set.

IATYDOT mapping

Table 108. Structure DOTSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	DOTSTART	
0	(0)	CHARACTER	4	DOTID	Eyecatcher "DOT "
4	(4)	SIGNED	2	DOTLEN	Length of DOT entry
6	(6)	SIGNED	2	DOTRSVD1	Reserved for IBM
8	(8)	CHARACTER	8	DOTJOBID	Transaction id from JSAB
16	(10)	CHARACTER	8	DOTJBNAM	Transaction name from JSAB
24	(18)	ADDRESS	8	DOTNEXT	Address of next DOT entry for this data set
32	(20)	SIGNED	4	DOTENTRY	Entry time in hundredths of a second
36	(24)	SIGNED	4	DOTEDATE	Entry date in 0CYYDDDF fmt
40	(28)	BITSTRING	8	DOTEXSTK	Transaction execution start time (STCK fmt)
48	(30)	ADDRESS	8	DOTJETAD	JET entry address
56	(38)	SIGNED	4	DOTJOBNO	Job number
60	(3C)	BITSTRING	1	DOTFLAG1	Flag byte

Table 108. Structure DOTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
Definition of DOTFLAG1					
		1...		DOTAPPC	"X'80'" APPC transaction output
		.1..		DOTTRANS	"X'40'" Transaction output (APPC, BPXAS, etc.)
		..1.		DOTFL120	"X'20'" Reserved bit for IBM
		...1		DOTFL110	"X'10'" Reserved bit for IBM
		.... 1...		DOTFL108	"X'08'" Reserved bit for IBM
		.... .1..		DOTFL104	"X'04'" Reserved bit for IBM
		.... ..1.		DOTFL102	"X'02'" Reserved bit for IBM
		1		DOTFL101	"X'01'" Reserved bit for IBM
61	(3D)	BITSTRING	3	DOTRSVD2	Reserved for IBM
64	(40)	SIGNED	4	DOTRSVD3(2)	Reserved for IBM
72	(48)	SIGNED	4	DOTEND(0)	End of data area
72	(48)	X'48'	0	DOTSIZE	"DOTEND-DOTSTART" Size of data area
72	(48)	X'0'	0	DOTWHOLE	"DOTSTART,DOTSIZE,C'F'" Entire DOT

Table 109. Structure DOTPLIST

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	DOTPLIST	19228TKA
0	(0)	BITSTRING	1	DOTPFUNC	DOTPFUNC - Function code 19228TKA
0	(0)	X'1'	0	DOTRQBLD	"1" REQUEST=BUILD 19228TKA
0	(0)	X'2'	0	DOTRQDEL	"2" REQUEST=DELETE 19228TKA
1	(1)	BITSTRING	1	DOTPRSV1	Reserved for IBM 19228TKA
2	(2)	SIGNED	2	DOTPBUFN	JDS buffer number 19228TKA
4	(4)	ADDRESS	4	DOTPRCEA	RCE address 19572TKM
8	(8)	ADDRESS	4	DOTPRSQA	RSQ or JCT address (RSQ if 19572TKM high order bit off, JCT 19572TKM if high order bit on) 19572TKM
12	(C)	ADDRESS	4	DOTPDOIA	DOI address 19572TKM
16	(10)	ADDRESS	8	DOTPPREV	Previous DOT address 19228TKA
24	(18)	ADDRESS	4	DOTPJDSA	JDS entry address 19228TKA
The following fields are valid for REQUEST=DELETE					
8	(8)	ADDRESS	8	DOTPJETC	JET cell or entry address (cell if high order bit off, entry if high order bit on)
28	(1C)	X'1C'	0	DOTPLENG	"*-DOTPLIST" Length of parameter list
28	(1C)	X'0'	0	DOTPWHOL	"DOTPLIST,DOTPLENG,C'F'" Entire DOT parm list

Table 110. Cross Reference for IATYDOT

Name	Offset	Hex Tag
DOTAPPC	3C	80
DOTEDATE	24	
DOTEND	48	
DOTENTRY	20	

Table 110. Cross Reference for IATYDOT (continued)

Name	Offset	Hex Tag
DOTEXSTK	28	
DOTFLAG1	3C	
DOTFL101	3C	1
DOTFL102	3C	2
DOTFL104	3C	4
DOTFL108	3C	8
DOTFL110	3C	10
DOTFL120	3C	20
DOTID	0	
DOTJBNAM	10	
DOTJETAD	30	
DOTJOBID	8	
DOTJOBNO	38	
DOTLEN	4	
DOTNEXT	18	
DOTPBUFN	2	
DOTPDOIA	C	
DOTPFUNC	0	
DOTPJDSA	18	
DOTPJETC	8	
DOTPLENG	1C	1C
DOTPLIST	0	
DOTPPREV	10	
DOTPRCEA	4	
DOTPRSQA	8	
DOTPRSV1	1	
DOTPWHOL	1C	0
DOTRQBLD	0	1
DOTRQDEL	0	2
DOTRSVD1	6	
DOTRSVD2	3D	
DOTRSVD3	40	
DOTSIZE	48	48
DOTSTART	0	
DOTTRANS	3C	40
DOTWHOLE	48	0

IATYDSB information

IATYDSB heading information

Common name: Data Set Block (DSB)

Macro ID: IATYDSB

DSECT name: DSBSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID:	DSB Offset: DSBID Length: L'DSBID
Storage attributes:	Main Storage: Subpool 230 Auxiliary Storage: n/a Subpool: 230 Key: 1 *15606T6A Residency: Any
Size:	DSBFSIZE
Created by:	IATSIAD
Pointed to by:	DSSDSB in IATYDSS DEBIRBB (after IATXDSBL conversion) *15606T6A
Serialization:	NONE
Function:	Contains data set attributes (such as LRECL, RECFM, etc.)

IATYDSB mapping

Table 111. Structure DSBSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	DSBSTART	
0	(0)	CHARACTER	4	DSBID	DSB BLOCK IDENTIFICATION
4	(4)	ADDRESS	4	DSBDSS	ADDR OF ASSOC DSS
8	(8)	CHARACTER	8	DSBDDNAM	DDNAME for this data set (Also used to hold main processor name during SYSLOG browse allocation)
16	(10)	BITSTRING	1	DSBPTRBA	RBA DATA FOR 'POINT'
16	(10)	X'10'	0	DSBRBARC	"DSBPTRBA,4" RBA RECORD NUMBER
16	(10)	X'14'	0	DSBRBADK	"DSBPTRBA+4,L'FDBSPADR" RBA SPOOL M.R ADDR
26	(1A)	BITSTRING	1	DSBSIOEC	IATXSIO error code (see module IATDMDK, starting at label DKERT001)
27	(1B)	BITSTRING	1	DSBUKEY	UBUF KEY
28	(1C)	ADDRESS	4	DSBOPTCB	ADDRESS OF TOP JOBSTEP TASK
32	(20)	SIGNED	4	DSBOUTLM	OUTLIM VALUE FOR THIS DS
36	(24)	ADDRESS	4	DSBCDMC	IATYDMC CURRENTLY IN USE
40	(28)	ADDRESS	4	DSBDMCQ	1ST DMC WAITING TO DO I/O (For STC/TSO INTRDR, first DMC in in-storage queue)
44	(2C)	ADDRESS	4	DSBBDMC	First DMC on a chain when multiple read buffers used
48	(30)	ADDRESS	4	DSBLSTBF	Last validated DMC
52	(34)	ADDRESS	4	DSBPDMC	Previous DSBCDMC value
56	(38)	SIGNED	4	DSBECB	ECB USED TO WAIT REQUESTS
60	(3C)	SIGNED	4	DSBSSECB	ECB USED TO WAIT SSI REQ
64	(40)	ADDRESS	4	DSBSSTCB	TCB WAITING WITH AN SSI REQ
68	(44)	ADDRESS	4	DSBDMCBA	BEGIN ADDR OF DMC BUFFER POOL
72	(48)	ADDRESS	4	DSBDMCEA	END ADDR + 1 OF DMC BUF POOL
76	(4C)	ADDRESS	4	DSBDATBA	BEGIN ADDR OF DAT BUFFER POOL
80	(50)	ADDRESS	4	DSBDATEA	END ADDR + 1 OF DAT BUF POOL
84	(54)	ADDRESS	4	DSBUBUFF	UBUFF SOURCE FOR PROT BUFFER
88	(58)	BITSTRING	1	DSBSSCSV	SSI save area
88	(58)	X'58'	0	DSBSSCV1	"DSBSSCSV,4" FIRST SAVE AREA FOR CLOSE

Table 111. Structure DSBSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
88	(58)	X'5C'	0	DSBSSCV2	"DSBSSCSV+4,L'FDBSPADR" SECOND SAVE AREA FOR CLOSE
98	(62)	BITSTRING	6	DSBSPSAV	M.R SAVE AREA FOR USAM
104	(68)	SIGNED	4	DSBSSISV(2)	SSI save area
104	(68)	X'68'	0	DSBSSSV1	"DSBSSISV,4,C'F'" FIRST SAVE WORD
104	(68)	X'6C'	0	DSBSSSV2	"DSBSSISV+4,4,C'F'" SECOND SAVE WORD
112	(70)	SIGNED	4	DSBJNUM	Job number for data sets PERTAINING TO C/I AND PSO
116	(74)	SIGNED	2	DSBSPNDX	Spool partition index
118	(76)	CHARACTER	1	DSBBUFNO	NUMBER OF BUFFERS FOR DS
119	(77)	CHARACTER	1	DSBBPPGS	NUMBER OF BUFFER POOL PAGES
		The next 5 counters are used by multi-buffer read files (flag DSSMULTB set).			
120	(78)	SIGNED	4	DSBBFWST	Cumulative count of wasted read buffers. Those buffers contained data from other files.
124	(7C)	BITSTRING	1	DSBBFALC	Buffers currently allocated
125	(7D)	BITSTRING	1	DSBBFUSD	Buffers currently used
126	(7E)	BITSTRING	1	DSBBFHWA	High-water mark for alloc. buffers
127	(7F)	BITSTRING	1	DSBBFHWU	High-water mark for used buffers
128	(80)	SIGNED	2	DSBLRECL	LRECL FOR SYSOUT DATA SET
130	(82)	CHARACTER	1	DSBCLASS	SYSOUT CLASS
131	(83)	CHARACTER	1	DSBCOPY	NUMBER OF COPIES
132	(84)	SIGNED	4	DSBRRECB	ECB FOR RAB REFRESH.
		The following fullword is doubly defined for PSO and SAPI processing, whose paths shall never cross.			
136	(88)	SIGNED	4	DSBEBUF4	OSE buffer number for XWTR
136	(88)	SIGNED	4	DSBSTKPT	Pointer to the thread's SAPI token
140	(8C)	SIGNED	2	DSBEOFST	OSE buffer offset for XWTR
142	(8E)	SIGNED	2	DSBASID	Job's ASID
		---------- 12190S5A The following eight bytes are doubly defined, once 12190S5A for SYSOUT processing and once for spool browse. 12190S5A ---------- 12190S5A			
144	(90)	CHARACTER	8	DSBDEST	REMOTE DESTINATION
144	(90)	BITSTRING	8	DSBCTRBA	RBA for enhanced POINT functions (data set con- catenation spool browse)
152	(98)	CHARACTER	8	DSBPGM	USER WRITER NAME
160	(A0)	CHARACTER	4	DSBFORM	FORMS NUMBER
164	(A4)	SIGNED	4	DSBJDSPT	POINTER TO JDSENTRY FOR THIS DS
168	(A8)	SIGNED	2	DSBSBUFC	UBUF CNT SAVED AT SCHED TIME
170	(AA)	BITSTRING	1	DSBABMSK	ABEND mask field used by 11485TAC IATDMEB3 for limit 11485TAC processing 11485TAA
171	(AB)	BITSTRING	1	DSBRECTX	RECORDS/TRACK FOR DSBNSREC.
172	(AC)	SIGNED	4	DSBLVARC	LAST VALID RECORD COUNT
176	(B0)	SIGNED	2	DSBOPCNT	NUMBER OF OPEN DCB'S FOR DS

Table 111. Structure DSBSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
178	(B2)	BITSTRING	1	DSBMSGCD	MESSAGE CODE FROM IATDMEBx 11485TAC
179	(B3)	BITSTRING	1	DSBNSREC	NO. SEQUENTIAL RECORDS ALLOC
180	(B4)	SIGNED	4	DSBCREC	RECORD COUNT IN DMC OF PREVIOUS BUFFER
184	(B8)	SIGNED	4	DSBCLINE	LINE COUNT IN DMC OF PREVIOUS BUFFER
188	(BC)	SIGNED	4	DSBCPAGE	PAGE COUNT IN DMC OF PREVIOUS BUFFER
192	(C0)	CHARACTER	4	DSBUCS	UCS ID 0439
196	(C4)	CHARACTER	4	DSBFCB	FCB ID 0096
200	(C8)	ADDRESS	4	DSBORT	ADDRESS OF OUTPUT DESC. TABLE
204	(CC)	ADDRESS	4	DSBOCTCB	OPEN/CLOSE/INTRDR active 0008 TCB address 0008 (CS MUST BE USED TO UPDATE)
208	(D0)	ADDRESS	4	DSBTSKQ	OPEN/CLOSE/PUT WAIT QUEUE (CS MUST BE USED TO UPDATE)
212	(D4)	SIGNED	4	DSBSKCNT	Count of page skips (ASA x'F1' or machine control characters x'89' or x'8B')
216	(D8)	SIGNED	4	DSBBFTCB	TCB associated with the DAT/DMC storage
220	(DC)	SIGNED	4	DSBCBYTE	Data set byte count
224	(E0)	SIGNED	2	DSBGETLN	DSB GETMAIN length
226	(E2)	BITSTRING	1	DSBMPSEQ	Owning job's main processor sequence number
227	(E3)	BITSTRING	1	DSBDMKEY	Original data mgmt key
228	(E4)	SIGNED	4	DSBRSVU	RESERVED FOR USER
	Definition of DSBFLAG1				
232	(E8)	BITSTRING	1	DSBFLAG1	FLAG BYTE
		1...		DSBCPDS	"X'80'" COMPOSED PAGE DATA STREAM
		.1..		DSBNOTRN	"X'40'" NO TRUNCATION FOR DATA SET
		..1.		DSBBDTRE	"X'20'" REQUEST FROM BDT
		...1		DSBLLOCK	"X'10'" LOCAL LOCK HELD PRIOR TO ENTRY OF DMUB
		.... 1...		DSBKEY1	"X'08'" OBTAIN DAT/DMC STORAGE IN KEY ONE
		.... .1..		DSBSTCGM	"X'04'" GETMAIN for a larger DAT was issued in ENDREQ processing for STC/TSO INTRDR
		.... ..1.		DSBUSND	"X'02'" DATASET ALLOCATED UNDER 0004 UNDEFINED USER 0004
		1		DSBHOLD	"X'01'" Force TYPRUN=HOLD
	Definition of DSBSDEF				
233	(E9)	BITSTRING	1	DSBSDEF	DEFAULT FLAGS FOR MVS 2108
		1...		DSBDEFC	"X'80'" COPIES VALUE IS DEFAULT 2108
		.1..		DSBDCLA	"X'40'" SYSOUT CLASS IS DEFAULT 2108
		..1.		DSBDDES	"X'20'" DESTINATION IS DEFAULT
	Definition of DSBFLAG2				
234	(EA)	BITSTRING	1	DSBFLAG2	Flag byte
		1...		DSBRUNLC	"X'80'" Indicate job should run here

Table 111. Structure DSBSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.1..		DSBSAPIR	"X'40'" SAPI thread is processing dataset
		..1.		DSBSGROK	"X'20'" SAPI GET request OK
		...1		DSBUNLOK	"X'10'" SAPI Unallocation performed
		.... 1...		DSBFRDMC	"X'08'" Request to free DMC storage for INTRDR data set or JESLog spinoff
		.... .1..		DSBPUTLH	"X'04'" DSB PUT lock held on entry to OPEN
		.... ..1.		DSBWTRNM	"X'02'" DSBPGM is a writer name 0008 (If this bit is off, then 0008 DSBPGM, if present, is a 0008 second-level destination) 0008
		1		DSBMJSTP	"X'01'" Initiator task owns buffers because it had multiple subtasks
Definition of DSBFLAG3					
235	(EB)	BITSTRING	1	DSBFLAG3	Flag byte 3
		1...		DSBCMSPN	"X'80'" Spinoff of JESMSGLG and JESYSMSG due to op cmd
		.1..		DSBBTRNC	"X'40'" This data set's records have been blank truncated.
		..1.		DSBSPDXY	"X'20'" Spool partition index specified from user address space (Netserv)
		...1		DSBPTDON	"X'10'" POINT was successfully done
		.... 1...		DSBTKTRM	"X'08'" A task was terminated while waiting on DSBECB
		.... .1..		DSBSSTRM	"X'04'" A task was terminated while waiting on DSBSSECB
		.... ..1.		DSBIOIOP	"X'02'" Multi-buffer read I/O in progress
		1		DSBRLBAK	"X'01'" Spool addresses are rolled back
236	(EC)	ADDRESS	4	DSBWTSET	Data management wait set up return address
240	(F0)	SIGNED	4	DSBREECB	ECB for Reply Exit
244	(F4)	ADDRESS	4	DSBSBWKA	Spool browse work area addrs
248	(F8)	ADDRESS	4	DSBCBWKA	Core buffer processing SRB work area address
252	(FC)	ADDRESS	4	DSBSRLT	Sysin RBA lookup table
256	(100)	ADDRESS	4	DSBCBDSS	Core buffer target DSS 10343S2A *** for diagnosis only *** 10343S2A
Definition of DSBFLAG4					
260	(104)	BITSTRING	1	DSBFLAG4	Flag byte 4
		1...		DSBNOACT	"X'80'" Job not active
		.1..		DSBCBSUC	"X'40'" Core buffer process success
		..1.		DSBBUSY	"X'20'" Busy return from DMEBCBUF
		...1		DSBERROR	"X'10'" Error return from DMEBCBUF
		.... 1...		DSBRFVAR	"X'08'" Record format is variable 09873S1A (meaninful only for PSO, 09873S1A SAPI and spool browse) 09873S1A

Table 111. Structure DSBSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... .1..		DSBFCKPT	"X'04'" This data set used buffer 10343S2A checkpoint function 10343S2A
		.... ..1.		DSBRDBK	"X'02'" Reading backward
		1		DSBRAPT	"X'01'" Read-ahead for Point active 09715S2A
		Definition of DSBFLAG5			
261	(105)	BITSTRING	1	DSBFLAG5	Flag byte 5 09715S2C
		1...		DSBNXTDS	"X'80'" Get next concatenated data set
		.1..		DSBSLPNT	"X'40'" Point by record number
		..1.		DSBCURDS	"X'20'" Get current concat data set
		...1		DSBFEOF	"X'10'" EOF found for POINT 11353S5A
		.... 1...		DSBVALER	"X'08'" Next buffer does not belong 11699S5A to this data set 11699S5A
		.... .1..		DSBINTCL	"X'04'" Internal IATSIxx call for data set concatenation
		.... ..1.		DSBSLDSW	"X'02'" IATDMEB2's POINT for 11485TAC concatenation has been 11485TAC invoked 11485TAA
		1		DSBCCLOK	"X'01'" Lock held entering IATSICC/ 11387S5A IATDMEB 11387S5A
262	(106)	BITSTRING	1	DSBCBSPA	Core buffer spool address
		The following 2 fields describe the storage for the RBA trace (spool browse requests only) ---------- 12063S3M			
268	(10C)	ADDRESS	4	DSBRBATR	Address of RBA trace area (spool browse only)
272	(110)	SIGNED	4	DSBRBTRE	End of RBA trace area
		---------- 12190S5A The following 16 bytes are doubly defined, first 12190S5A for SYSLOG PUT processing and then for other 12190S5A processing such as spool browse. 12190S5A ---------- 12190S5A			
276	(114)	BITSTRING	8	DSBSTCKL	Low time stamp for SYSLOG 12190S5A
284	(11C)	BITSTRING	8	DSBSTCKH	High time stamp for SYSLOG 12190S5A
276	(114)	SIGNED	4	DSBDSNUM	Spool browse dset number
280	(118)	ADDRESS	4	DSBSYSLD	Address of time stamp data for spool browse of SYSLOG concatenation
284	(11C)	ADDRESS	4	DSBCLST	Address of CLST entries for spool browse of data set concatenation
288	(120)	ADDRESS	4	DSBCRREC	Current record number for 12100S5A relative POINT 12190S5A
292	(124)	ADDRESS	4	DSBFUBUF	Most recent UBUFF address 11353S5A for POINT to EOF 11353S5A
		---------- 11353S5A Definition of DSBFLAG6 11353S5A ---------- 11353S5A			
296	(128)	BITSTRING	1	DSBFLAG6	Flag byte 6 11353S5C
		1...		DSBFLSTD	"X'80'" Find attempted in last data 11353S5A set without reopen 11353S5A

Table 111. Structure DSBSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.1..		DSBPTEOF	"X'40'" POINT to EOF in progress 11353S5A
		..1.		DSBSCEOJ	"X'20'" End of job reached in 12423S5A SYSLOG concatenation 12423S5A
		...1		DSBEODCB	"X'10'" EOD found in core buffer 11334S5A
		.... 1...		DSBPTEXT	"X'08'" Extended POINT in progress 11334S5A
		.... .1..		DSBPTVAL	"X'04'" Validation error for 11699S5A SYSLOG browse POINT 11699S5A
		.... ..1.		DSBFNSPL	"X'02'" Last record found is 11699S5A followed by split record 11699S5A
		1		DSBSRBPT	"X'01'" DSSPOINT set on entry to 11699S5A IATDMEBS 11699S5A
---------- 11829S5A Definition of DSBFLAG7 11829S5A ---------- 11829S5A					
297	(129)	BITSTRING	1	DSBFLAG7	Flag byte 7 11829S5A
		1...		DSBPRVDS	"X'80'" Open previous data set 11829S5A
		.1..		DSBNOPRV	"X'40'" No previous data set found 11829S5A
		..1.		DSBTSDON	"X'20'" All current time stamp data 12190S5A has been read 12190S5A
		...1		DSBTIMSB	"X'10'" Find by time stamp backwds 12190S5A
		.... 1...		DSBTIMSF	"X'08'" Find by time stamp forwards 12190S5A
		.... .1..		DSBEOFSP	"X'04'" EOF found, core buf spooled 12666T1C
		.... ..1.		DSBDDEL	"X'02'" Data set in concatenation 13467T1C has been deleted 13467T1A
		1		DSBSSPER	"X'01'" Error in SSI POINT during 13467T1C data set switch 13467T1A
Definition of DSBFLAG8					
298	(12A)	BITSTRING	1	DSBFLAG8	Flag byte 8
		1...		DSBPXEOD	"X'80'" Extended POINT with special EOD processing
		.1..		DSBSWEND	"X'40'" Data set switch issued when data set close detected
		..1.		DSBADFWD	"X'20'" Must advance forward from 14499T6C current data set 14499T6A
		...1		DSBDSUPR	"X'10'" Data set update required 16283TAC
		.... 1...		DSBSPWT	"X'08'" This DSB waiting for spool 18119TAC space 18119TAA
		.... .1..		DSBJCLO	"X'04'" DD SYMBOLS= set to JCLONLY
		.... ..1.		DSBEXEC	"X'02'" DD SYMBOLS= set to EXECSYS
		1		DSBCNVT	"X'01'" DD SYMBOLS= set to CNVTSYS
299	(12B)	BITSTRING	1	DSBSWCNT	Data set switch count (SYSLOG concat browse)
299	(12B)	X'5'	0	DSBSWTHR	"5" Max allowable switches

Table 111. Structure DSBSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
300	(12C)	SIGNED	4	DSBSVEBS	Save area for IATDMEBS
304	(130)	ADDRESS	4	DSBRECVR	Receiver id data pointer
308	(134)	SIGNED	4	DSBISDSN	Instream Dataset Number. This is the number of the Next SYSIN dataset in the JESJCLIN record stream.
		Definition of DSBFLAG9			
312	(138)	BITSTRING	1	DSBFLAG9	Flag byte 9
		1...		DSBFIXED	"X'80'" Fixed Record Format
		.1..		DSBLOGDD	"X'40'" DD SYMBOLS= specified the ddname of a logging dataset
		..1.		DSBLOGER	"X'20'" Substitution logging request was rejeced or suppressed
		...1		DSBCBEMP	"X'10'" SYSLOG core buffer empty
		.... 1...		DSBFL908	"X'08'" Reserved bit for IBM
		.... .1..		DSBFL904	"X'04'" Reserved bit for IBM
		.... ..1.		DSBFL902	"X'02'" Reserved bit for IBM
		1		DSBFL901	"X'01'" Reserved bit for IBM
313	(139)	BITSTRING	3	DSBVAL	Validation token 15606T6A
316	(13C)	SIGNED	4	DSBPRVLC	Line count as of DSSPREV 16283TAA
320	(140)	SIGNED	4	DSBPRVRC	Record count as of DSSPREV 16283TAA
324	(144)	ADDRESS	4	DSBSYMWA	Symbol Substitution Work Area address (IATYSYM)
328	(148)	CHARACTER	8	DSBLOGNM	Logging Dataset ddname
336	(150)	BITSTRING	8	DSBRPLRB	Copy of RBA for POINT
344	(158)	BITSTRING	1	DSBRPLRQ	Copy of RPLREQ
345	(159)	BITSTRING	7	DSBRSVDB	Reserved for IBM
352	(160)	SIGNED	4	(0)	Alignment
352	(160)	BITSTRING	16	DSBSTHDR	Spool trace header
368	(170)	SIGNED	4	DSBRSVDC(4)	Reserved for IBM
384	(180)	SIGNED	4	DSBFEND(0)	END OF FIXED PART OF BLOCK 15606T6A
384	(180)	X'180'	0	DSBFSIZE	"DSBFEND-DSBSTART" SIZE OF FIXED PART OF BLOCK 77
		Start of the variable portion of the IATYDSB. The default length of this area in bytes = the value in DSBBPPGS, which in turn is based on the Main Proc USRPAGE parameter. This length can be overridden by input specification to the SVTSIADD routine.			
384	(180)	CHARACTER	1	DSBBALBY	1 BUFF ALLOC BYTE PER 4K
		Equates for routines in IATDMEB. 15606T6C			
384	(180)	X'0'	0	DMEQSGET	"0" GET End-of-Block code
384	(180)	X'4'	0	DMEQSPUT	"4" PUT End-of-Block code
384	(180)	X'8'	0	DMEQOLIM	"8" Output limit processing code
384	(180)	X'C'	0	DMEQPNT	"12" Data management POINT code
384	(180)	X'10'	0	DMEQENDR	"16" ENDREQ processing code
384	(180)	X'14'	0	DMEQBCKP	"20" Buffer checkpoint code
384	(180)	X'18'	0	DMEQSSPT	"24" SSI POINT EOB code

Table 111. Structure DSBSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
384	(180)	X'1C'	0	DMEQGUPD	"28" GET-UPDATE EOB code
384	(180)	X'20'	0	DMEQPUPD	"32" PUT-UPDATE EOB code
384	(180)	X'24'	0	DMEWAIT	"36" PUT WAIT when busy
384	(180)	X'28'	0	DMEPOST	"40" PUT POST when finished
384	(180)	X'2C'	0	DMEJLSPN	"44" JESLOG (JESMSGLG/JESYSMSG) SPINOFF request
384	(180)	X'30'	0	DMESBINP	"48" Spool browse SYSIN data set processing
384	(180)	X'34'	0	DMESBINC	"52" Spool browse clean up 11704S3A processing 11704S3A
384	(180)	X'38'	0	DMEQSLPT	"56" Data set concatenation POINT
384	(180)	X'3C'	0	DMEQSYMB	"60" Allocate a buffer for sysin symbol substitutions
384	(180)	X'40'	0	DMEQINCR	"64" Increment SYSIN instream data set sequence number
384	(180)	X'44'	0	DMEQSLNX	"68" Data set concatenation data set switch
384	(180)	X'48'	0	DMEQSLOG	"72" Handle logging for sysin symbol substitutions
384	(180)	X'48'	0	DMEQMAX	"72" Maximum code value
---------- 11485TAA Equates for IATXDMEB routines. 11485TAA ---------- 11485TAA					
384	(180)	BITSTRING	0	EBSPS000_OFST	"X'0118'" IATDMEB +18 EBSPS000 11485TAA
384	(180)	BITSTRING	0	EBSPS010_OFST	"X'011C'" IATDMEB +1C EBSPS010 11485TAA
384	(180)	BITSTRING	0	EBSPS020_OFST	"X'0120'" IATDMEB +20 EBSPS020 11485TAA
384	(180)	BITSTRING	0	EBSPS100_OFST	"X'0124'" IATDMEB +24 EBSPS100 11485TAA
384	(180)	BITSTRING	0	EBSPS120_OFST	"X'0128'" IATDMEB +28 EBSPS120 11485TAA
384	(180)	BITSTRING	0	EBSVL000_OFST	"X'012C'" IATDMEB +2C EBSVL000 11485TAA
384	(180)	BITSTRING	0	EBSVL010_OFST	"X'0130'" IATDMEB +30 EBSVL010 11485TAA
384	(180)	BITSTRING	0	EBSFN000_OFST	"X'0134'" IATDMEB +34 EBSFN000 11485TAA
384	(180)	BITSTRING	0	EBSVALMR_OFST	"X'0138'" IATDMEB +38 EBSVALMR 11485TAA
384	(180)	BITSTRING	0	EBPRM000_OFST	"X'013C'" IATDMEB +3C EBPRM000 11485TAA
384	(180)	BITSTRING	0	EBPR2000_OFST	"X'0140'" IATDMEB +40 EBPR2000 11485TAA
384	(180)	BITSTRING	0	EBSWT000_OFST	"X'0144'" IATDMEB +44 EBSWT000 11485TAA
384	(180)	BITSTRING	0	EBSWT020_OFST	"X'0148'" IATDMEB +48 EBSWT020 11485TAA
384	(180)	BITSTRING	0	EBSWT040_OFST	"X'014C'" IATDMEB +4C EBSWT040 11485TAA
384	(180)	BITSTRING	0	EBSSW000_OFST	"X'0150'" IATDMEB +50 EBSSW000 11485TAA
384	(180)	BITSTRING	0	EBSPB000_OFST	"X'0154'" IATDMEB +54 EBSPB000 11485TAA

Table 111. Structure DSBSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
384	(180)	BITSTRING	0	EBSDE000_OFST	"X'0208'" IATDMEB2 +08 EBSDE000 11485TAA
384	(180)	BITSTRING	0	EBGETUBF_OFST	"X'020C'" IATDMEB2 +0C EBGETUBF 11485TAA
384	(180)	BITSTRING	0	EBSFB000_OFST	"X'0210'" IATDMEB2 +10 EBSFB000 11485TAA
384	(180)	BITSTRING	0	EBSFB500_OFST	"X'0214'" IATDMEB2 +14 EBSFB500 11485TAA
384	(180)	BITSTRING	0	EBRELCHN_OFST	"X'0218'" IATDMEB2 +18 EBRELCHN 11485TAA
384	(180)	BITSTRING	0	EBRELBUF_OFST	"X'021C'" IATDMEB2 +1C EBRELBUF 11485TAA
384	(180)	BITSTRING	0	MRCHNVAL_OFST	"X'0220'" IATDMEB2 +20 MRCHNVAL 11485TAA
384	(180)	BITSTRING	0	EBDELCHN_OFST	"X'0224'" IATDMEB2 +24 EBDELCHN 11485TAA
384	(180)	BITSTRING	0	DMEBSCBF_OFST	"X'0228'" IATDMEB2 +28 DMEBSCBF 11485TAA
384	(180)	BITSTRING	0	EBTS0000_OFST	"X'022C'" IATDMEB2 +2C EBTS0000 11485TAA
384	(180)	BITSTRING	0	EBSL000A_OFST	"X'0230'" IATDMEB2 +30 EBSL000A 11485TAA
384	(180)	BITSTRING	0	EBSL000B_OFST	"X'0234'" IATDMEB2 +34 EBSL000B 11485TAA
384	(180)	BITSTRING	0	EBO000_OFST	"X'0304'" IATDMEB3 +00 EBO000 11485TAA
384	(180)	BITSTRING	0	EBT000_OFST	"X'0308'" IATDMEB3 +00 EBT000 11485TAA
384	(180)	BITSTRING	0	EBE000_OFST	"X'030C'" IATDMEB3 +00 EBE000 11485TAA
384	(180)	BITSTRING	0	EBB000_OFST	"X'0310'" IATDMEB3 +00 EBB000 11485TAA
384	(180)	BITSTRING	0	EBR000_OFST	"X'0314'" IATDMEB3 +00 EBR000 11485TAA
384	(180)	BITSTRING	0	EBSCT000_OFST	"X'0318'" IATDMEB3 +00 EBSCT000 11485TAA

Table 112. Structure SRLTDSCT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SRLTDSCT	
0	(0)	SIGNED	4	SRLTSTRT(0)	
0	(0)	CHARACTER	8	SRLTID	Eye catcher (DMGSRLT)
8	(8)	ADDRESS	4	SRLTNEXT	Next SRLT pointer
12	(C)	ADDRESS	4	SRLTAVAL	Next available RBA slot
16	(10)	BITSTRING	16	SRLTNTRY(0)	
16	(10)	BITSTRING	6	SRLTINMR	M.R of Sysin file
22	(16)	BITSTRING	1	SRLTCRBA	RPLRBAR of root control record
22	(16)	X'1000'	0	SRLTSIZE	"4096" Table size

Table 113. Structure STRHEADR

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	STRHEADR	

Table 113. Structure STRHEADR (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	ADDRESS	4	STRFIRST	First entry address
4	(4)	ADDRESS	4	STRNEXT	Next available entry
8	(8)	ADDRESS	4	STRCURR	Current trace entry
12	(C)	SIGNED	4	STRSIZE	Size available for entries
12	(C)	X'10'	0	STRHSIZE	"*-STRFIRST" Header size
12	(C)	X'400'	0	STRTSIZE	"1024" Total table size
12	(C)	X'1000'	0	STRTSIZL	"4096" Total table size for SYSLOG browse

Table 114. Structure STRENTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	STRENTRY	
0	(0)	CHARACTER	1	STRTID	Trace id
1	(1)	BITSTRING	8	STRTOD	STCKE bytes 2-9
9	(9)	BITSTRING	1	STRUNIQ(0)	Unique trace data
9	(9)	BITSTRING	3	STRBYTES	Byte-aligned field
12	(C)	SIGNED	4	STRWORD	Word field
16	(10)	DBL WORD	8	STRDWORD	Doubleword field
16	(10)	X'10'	0	STRDWRDA	"STRDWORD,4" Top half of dbl word
16	(10)	X'14'	0	STRDWRDB	"STRDWORD+4,4" Bottom half of dbl word
24	(18)	DBL WORD	8	STRDWRD2	Doubleword field - 2
24	(18)	X'18'	0	STRDWD2A	"STRDWRD2,4" Top half of dbl word
24	(18)	X'1C'	0	STRDWD2B	"STRDWRD2+4,4" Bottom half of dbl word
24	(18)	X'17'	0	STRCLRSZ	"*-STRUNIQ" Size to clear
24	(18)	X'20'	0	STRESIZE	"*-STRENTRY" Entry size

Spool Trace Macro

Table 115. Cross Reference for IATYDSB

Name	Offset	Hex Tag
DMEBSCBF_OFST	180	228
DMEJLSPN	180	2C
DMEPOST	180	28
DMEQBCKP	180	14
DMEQENDR	180	10
DMEQGUPD	180	1C
DMEQINCR	180	40
DMEQMAX	180	48
DMEQOLIM	180	8
DMEQPNT	180	C
DMEQPUPD	180	20
DMEQSGET	180	0
DMEQSLNX	180	44
DMEQSLOG	180	48

Table 115. Cross Reference for IATYDSB (continued)

Name	Offset	Hex Tag
DMEQSLPT	180	38
DMEQSPUT	180	4
DMEQSSPT	180	18
DMEQSYMB	180	3C
DMESBINC	180	34
DMESBINP	180	30
DMEWAIT	180	24
DSBABMSK	AA	
DSBADFWD	12A	20
DSBASID	8E	
DSBBALBY	180	
DSBBDMC	2C	
DSBBDTRE	E8	20
DSBBFALC	7C	
DSBBFHWA	7E	
DSBBFHWU	7F	
DSBBFTCB	D8	
DSBBFUSD	7D	
DSBBFWST	78	
DSBBPPGS	77	
DSBBTRNC	EB	40
DSBBUFNO	76	
DSBBUSY	104	20
DSBCBDSS	100	
DSBCBEMP	138	10
DSBCBSPA	106	
DSBCBSUC	104	40
DSBCBWKA	F8	
DSBCBYTE	DC	
DSBCCLOK	105	1
DSBCDMC	24	
DSBCLASS	82	
DSBCLINE	B8	
DSBCLST	11C	
DSBCMSPN	EB	80
DSBCNVT	12A	1
DSBCOPY	83	
DSBCPAGE	BC	
DSBCPDS	E8	80
DSBCREC	B4	
DSBCRREC	120	
DSBCTRBA	90	
DSBCURDS	105	20
DSBDATBA	4C	
DSBDATEA	50	
DSBDCLA	E9	40

Table 115. Cross Reference for IATYDSB (continued)

Name	Offset	Hex Tag
DSBDDEL	129	2
DSBDDES	E9	20
DSBDDNAM	8	
DSBDEFC	E9	80
DSBDEST	90	
DSBDMCBA	44	
DSBDMCEA	48	
DSBDMCQ	28	
DSBDMKEY	E3	
DSBDSNUM	114	
DSBDSS	4	
DSBDSUPR	12A	10
DSBEBUF4	88	
DSBECB	38	
DSBEODCB	128	10
DSBEOFSP	129	4
DSBEOFST	8C	
DSBERROR	104	10
DSBEXEC	12A	2
DSBFCB	C4	
DSBFCKPT	104	4
DSBFEND	180	
DSBFEOF	105	10
DSBFIXED	138	80
DSBFLAG1	E8	
DSBFLAG2	EA	
DSBFLAG3	EB	
DSBFLAG4	104	
DSBFLAG5	105	
DSBFLAG6	128	
DSBFLAG7	129	
DSBFLAG8	12A	
DSBFLAG9	138	
DSBFLSTD	128	80
DSBFL901	138	1
DSBFL902	138	2
DSBFL904	138	4
DSBFL908	138	8
DSBFNSPL	128	2
DSBFORM	A0	
DSBFRDMC	EA	8
DSBFSIZE	180	180
DSBFUBUF	124	
DSBGETLN	E0	
DSBHOLD	E8	1
DSBID	0	

Table 115. Cross Reference for IATYDSB (continued)

Name	Offset	Hex Tag
DSBINTCL	105	4
DSBIOIOP	EB	2
DSBISDSN	134	
DSBJCLO	12A	4
DSBJDSPT	A4	
DSBJNUM	70	
DSBKEY1	E8	8
DSBLLOCK	E8	10
DSBLOGDD	138	40
DSBLOGER	138	20
DSBLOGNM	148	
DSBLRECL	80	
DSBLSTBF	30	
DSBLVARC	AC	
DSBMJSTP	EA	1
DSBMPSEQ	E2	
DSBMSGCD	B2	
DSBNOACT	104	80
DSBNOPRV	129	40
DSBNOTRN	E8	40
DSBNSREC	B3	
DSBNXTDS	105	80
DSBOCTCB	CC	
DSBOPCNT	B0	
DSBOPTCB	1C	
DSBORT	C8	
DSBOUTLM	20	
DSBPDMC	34	
DSBPGM	98	
DSBPRVDS	129	80
DSBPRVLC	13C	
DSBPRVRC	140	
DSBPTDON	EB	10
DSBPTEOF	128	40
DSBPTEXT	128	8
DSBPTRBA	10	
DSBPTVAL	128	4
DSBPUTLH	EA	4
DSBPXEOD	12A	80
DSBRAPT	104	1
DSBRBADK	10	14
DSBRBARC	10	10
DSBRBATR	10C	
DSBRBTRE	110	
DSBRDBK	104	2
DSBRECTX	AB	

Table 115. Cross Reference for IATYDSB (continued)

Name	Offset	Hex Tag
DSBRECVR	130	
DSBREECB	F0	
DSBRFVAR	104	8
DSBRLBAK	EB	1
DSBRPLRB	150	
DSBRPLRQ	158	
DSBRRECB	84	
DSBRSVDB	159	
DSBRSVDC	170	
DSBRSVU	E4	
DSBRUNLC	EA	80
DSBSAPIR	EA	40
DSBSBUFC	A8	
DSBSBWKA	F4	
DSBSCEOJ	128	20
DSBSDEF	E9	
DSBSGROK	EA	20
DSBSIOEC	1A	
DSBSKCNT	D4	
DSBSLDSW	105	2
DSBSLPNT	105	40
DSBSPDXY	EB	20
DSBSPNDX	74	
DSBSPSAV	62	
DSBSPWT	12A	8
DSBSRBPT	128	1
DSBSRLT	FC	
DSBSSCSV	58	
DSBSSCV1	58	58
DSBSSCV2	58	5C
DSBSSECB	3C	
DSBSSISV	68	
DSBSSPER	129	1
DSBSSSV1	68	68
DSBSSSV2	68	6C
DSBSSTCB	40	
DSBSSTRM	EB	4
DSBSTART	0	
DSBSTCGM	E8	4
DSBSTCKH	11C	
DSBSTCKL	114	
DSBSTHDR	160	
DSBSTKPT	88	
DSBSVEBS	12C	
DSBSWCNT	12B	
DSBSWEND	12A	40

Table 115. Cross Reference for IATYDSB (continued)

Name	Offset	Hex Tag
DSBSWTHR	12B	5
DSBSYMWA	144	
DSBSYSLD	118	
DSBTIMSB	129	10
DSBTIMSF	129	8
DSBTKTRM	EB	8
DSBTSDON	129	20
DSBTSKQ	D0	
DSBUBUFF	54	
DSBUCS	C0	
DSBUKEY	1B	
DSBUNLOK	EA	10
DSBUSND	E8	2
DSBVAL	139	
DSBVALER	105	8
DSBWTRNM	EA	2
DSBWTSET	EC	
EBB000_OFST	180	310
EBDELCHN_OFST	180	224
EBE000_OFST	180	30C
EBGETUBF_OFST	180	20C
EBO000_OFST	180	304
EBPRM000_OFST	180	13C
EBPR2000_OFST	180	140
EBRELBUF_OFST	180	21C
EBRELCHN_OFST	180	218
EBR000_OFST	180	314
EBSCT000_OFST	180	318
EBSDE000_OFST	180	208
EBSFB000_OFST	180	210
EBSFB500_OFST	180	214
EBSFN000_OFST	180	134
EBSL000A_OFST	180	230
EBSL000B_OFST	180	234
EBSPB000_OFST	180	154
EBSPS000_OFST	180	118
EBSPS010_OFST	180	11C
EBSPS020_OFST	180	120
EBSPS100_OFST	180	124
EBSPS120_OFST	180	128
EBSSW000_OFST	180	150
EBSVALMR_OFST	180	138
EBSVL000_OFST	180	12C
EBSVL010_OFST	180	130
EBSWT000_OFST	180	144
EBSWT020_OFST	180	148

Table 115. Cross Reference for IATYDSB (continued)

Name	Offset	Hex Tag
EBSWT040_OFST	180	14C
EBTS0000_OFST	180	22C
EBT000_OFST	180	308
MRCHNVAL_OFST	180	220
SRLTAVAL	C	
SRLTCRBA	16	
SRLTDSCT	0	
SRLTID	0	
SRLTINMR	10	
SRLTNEXT	8	
SRLTNTRY	10	
SRLTSIZE	16	1000
SRLTSTRT	0	
STRBYTES	9	
STRCLRSZ	18	17
STRCURR	8	
STRDWD2A	18	18
STRDWD2B	18	1C
STRDWORD	10	
STRDWRDA	10	10
STRDWRDB	10	14
STRDWRD2	18	
STRENTRY	0	
STRESIZE	18	20
STRFIRST	0	
STRHEADR	0	
STRHSIZE	C	10
STRNEXT	4	
STRSIZE	C	
STRTID	0	
STRTOD	1	
STRTSIZE	C	400
STRTSIZL	C	1000
STRUNIQ	9	
STRWORD	C	

IATYDSK information

IATYDSK heading information

Common name: DATA SET STACKING TABLE

Macro ID: IATYDSK

DSECT name: DSKENTRY

Owning component: JES3 (SC1BA)

Eye-catcher ID: DSK
Offset: 8
Length: 4

Storage attributes:	Main Storage: JSAM BUFFER Auxiliary Storage: JES3 SPOOL
Size:	23 BYTES
Created by:	IATIIPR IATIIP0X
Pointed to by:	IDD IN IATYIDD IDD IN IATYIDD IDD IN IATYIDD
Serialization:	NONE
Function:	CONTAINS THE FIRST AND LAST VOLUME SERIAL FOR A GIVEN DD.

IATYDSK mapping

Table 116. Structure DSKSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	DSKSTART	
0	(0)	BITSTRING	6	DSKTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	DSKCNT	USER COUNT.
8	(8)	CHARACTER	4	DSKID	File id.
12	(C)	BITSTRING	12	DSKCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	DSKVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	DSKDATA(0)	START OF USER DATA AREA.
28	(1C)	SIGNED	2	DSKFIXL	SIZE OF FIXED AREA
30	(1E)	SIGNED	2	DSKTOTL	SIZE OF CONTROL BLOCK
32	(20)	SIGNED	2	DSKOFFRE	OFFSET TO FREE SPACE IN THE BUFFER
34	(22)	SIGNED	2	DSKHGENT	HIGH ENTRY IN THE BUFFER
36	(24)	SIGNED	2	DSKLWENT	LOW ENTRY IN THE BUFFER
38	(26)	BITSTRING	1	DSKHFLG1	HEADER FLAGS
		DEFINITION OF DSKHFLG1			
		1...		DSKFULL	"X'80'" DSK BUFFER IS FULL
		.1..		DSKH1R40	"X'40'" Reserved flag
		..1.		DSKH1R20	"X'20'" Reserved flag
		...1		DSKH1R10	"X'10'" Reserved flag
		.... 1...		DSKH1R08	"X'08'" Reserved flag
		.... .1..		DSKH1R04	"X'04'" Reserved flag
		.... ..1.		DSKH1R02	"X'02'" Reserved flag
		1		DSKH1R01	"X'01'" Reserved flag
40	(28)	SIGNED	4	DSKFEND(0)	END OF FIXED PORTION
40	(28)	X'28'	0	DSKFSIZ	"DSKFEND-DSKSTART" SIZE OF FIXED AREA

Table 117. Structure DSKENTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	DSKENTRY	
0	(0)	SIGNED	2	DSKENTDP	Relative displacement of this entry from the top of the buffer
2	(2)	BITSTRING	1	DSKNUMSR	Number of VOLSERs in this entry
3	(3)	CHARACTER	6	DSKVLSER	VOLUME USED BY THIS DD

Table 118. Cross Reference for IATYDSK

Name	Offset	Hex Tag
DSKCHN	C	0
DSKCNT	6	0
DSKDATA	1C	
DSKENTDP	0	
DSKENTRY	0	
DSKFEND	28	
DSKFIXL	1C	
DSKFSIZ	28	28
DSKFULL	26	80
DSKHFLG1	26	
DSKHGENT	22	
DSKH1R01	26	1
DSKH1R02	26	2
DSKH1R04	26	4
DSKH1R08	26	8
DSKH1R10	26	10
DSKH1R20	26	20
DSKH1R40	26	40
DSKID	8	C4E2D240
DSKLWENT	24	
DSKNUMSR	2	
DSKOFFRE	20	
DSKSTART	0	
DSKTOTL	1E	
DSKTRK	0	0
DSKVLID	18	0
DSKVLSER	3	

IATYDSN information

IATYDSN heading information

Common name: SETDSN TABLE

Macro ID: IATYDSN

DSECT name: DSNBUF DSNFREE DSNENTRY

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Main Storage: JESPOOL
Auxiliary Storage: N/A

Size: 34 Bytes

Created by: IATMDSB

Pointed to by: VLMDSPNT IN IATYVLM (ENTRY FOR FIRST DATA SET ON VOLUME)
DSNCHAIN IN IATYDSN (NEXT ENTRY FOR VOL)
DSNPREV IN IATYDSN (PREV ENTRY FOR VOL)
MDSDSBUF IN IATYMDS (FIRST BUFFER)
DSNBFNXT IN IATYDSN (NEXT BUFFER)
DSNBFPRV IN IATYDSN (PREVIOUS BUFFER)

Serialization: VIA MDSDSN MACRO

Function: This macro maps the SETDSN entry, which is used by MDS to control the serialization and shareability of a particular data set.

IATYDSN mapping

Table 119. Structure DSNENTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	DSNENTRY	
0	(0)	ADDRESS	4	DSNCHAIN	POINTER TO NEXT SETDSN ENTRY
4	(4)	ADDRESS	4	DSNPREV	POINTER TO PREVIOUS SETDSN ENTRY
8	(8)	ADDRESS	4	DSNRSCHN	POINTER TO NEXT SETDSN ENTRY ON DATA SET RESERVE CHAIN
12	(C)	ADDRESS	4	DSNVOLAD	SETVOL ADDRESS
		THIS LINE DELETED BY APAR OY40633 THIS LINE DELETED BY APAR OY40633			
16	(10)	SIGNED	4	DSNUSECT	Use count
20	(14)	SIGNED	4	DSNARLCT	No. of ARL references
24	(18)	SIGNED	2	DSNSCNCT	NO. OF SCANS USING SETDSN
26	(1A)	SIGNED	2	DSNSDID	SETDSN validity indicator
28	(1C)	ADDRESS	4	DSNGDGSD	POINTER TO GDG BASE SETDSN
32	(20)	ADDRESS	4	DSNJSTGD	POINTER TO THE JST ENTRY WHO CAN DELETE THIS GDG BASE SETDSN ENTRY IF THE ALLOCATION PASS FAILS AND THE JOB CAN NOT RESERVE RESOURCES.
36	(24)	ADDRESS	4	DSNGDGDL	ADDRESS OF NEXT BASE SETDSN TO BE DELETED DURING RESERVE CLEANUP PROCESSING
40	(28)	SIGNED	4	DSNRSVDU	RESERVED FOR USER
		DEFINITION OF DSNFL1			
44	(2C)	BITSTRING	1	DSNFL1	DSNFL1 FLAG BYTE 1
		1...		DSNALLOC	"X'80'" DATASET IS ALLOCATED
		.1..		DSNSHR	"X'40'" DATASET CAN BE SHARED
		..1.		DSNRSRV	"X'20'" RESERVED DATASET
		...1		DSNRESHR	"X'10'" RESERVER CAN SHR DSNAME
		.... 1...		DSNSCRAP	"X'08'" SCRATCH ALLOCATION PENDING
		.... .1..		DSNSCRCH	"X'04'" SCRATCH DATASET
		DEFINITION OF DSNFL2			
45	(2D)	BITSTRING	1	DSNFL2	DSNFL2 FLAG BYTE 2
		1...		DSNREQ	"X'80'" A JOB NEEDS THIS DATASET
		.1..		DSNSAL	"X'40'" DATASET IS SOFT ALLOC'D
		..1.		DSNGDGBS	"X'20'" THIS SETDSN IS FOR A GDG BASE
		...1		DSNCLNGB	"X'10'" NEED TO CLEAR OUT POINTER TO GDG BASE SETDSN
		.... 1...		DSNWAIT	"X'08'" Waiting for unallocation
48	(30)	SIGNED	4	DSNJOBNO	Job number of single user
52	(34)	BITSTRING	1	DSNRSPTY	PRTY OF JOB RESERVING DSNAME
53	(35)	BITSTRING	1	DSNPREF	DSNAME PREFIX
53	(35)	BITSTRING	1	DSNSIZE	SIZE OF DSNAME

Table 119. Structure DSNENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
54	(36)	CHARACTER	44	DSNAME(0)	DATASET NAME
54	(36)	BITSTRING	1	DSNVEND(0)	END OF VARIABLE AREA
54	(36)	BITSTRING	1	DSNVSIZE(0)	VARIABLE SIZE

Table 120. Cross Reference for IATYDSN

Name	Offset	Hex Tag
DSNALLOC	2C	80
DSNAME	36	
DSNARLCT	14	
DSNCHAIN	0	
DSNCLNGB	2D	10
DSNENTRY	0	
DSNFL1	2C	
DSNFL2	2D	
DSNGDGBS	2D	20
DSNGDGDL	24	
DSNGDGSD	1C	
DSNJOBNO	30	
DSNJSTGD	20	
DSNPREF	35	
DSNPREV	4	
DSNREQ	2D	80
DSNRESHR	2C	10
DSNRSCHN	8	
DSNRSPTY	34	
DSNRSRV	2C	20
DSNRSVDU	28	
DSNSAL	2D	40
DSNSCNCT	18	
DSNSCRAP	2C	8
DSNSCRCH	2C	4
DSNSDID	1A	
DSNSHR	2C	40
DSNSIZE	35	
DSNUSECT	10	
DSNVEND	36	
DSNVOLAD	C	
DSNVSIZE	36	
DSNWAIT	2D	8

IATYDSP information

IATYDSP programming interface information

IATYDSP is a programming interface.

IATYDSP heading information

Common name:	Dynamic Support Program dictionary entry
Macro ID:	IATYDSP
DSECT name:	DSPSTART, DRTSTART
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Main Storage: Subpool 0 Auxiliary Storage: N/A
Size:	DSPSIZE (DSPSTART), DRTSIZE (DRTSTART)
Created by:	IATGRPT, IATGRPTF
Pointed to by:	DSPCONVI Converter/Interpreter DSP DSPDIC First DSP Dictionary Entry DSPENABLE Enable DSP DSPISDRV Input Service Driver DSP DSPMAIN Main DSP DSPPSTSC Postscan DSP DSPOUTPT Output Service DSP DSPURGE Purge DSP FCTDSPDC DSP Entry for this FCT JADDSPAD DSP Entry for this FCT
Serialization:	None
Function:	Defines the mapping for each Dynamic Support Program entry

IATYDSP mapping

Table 121. Structure DSPSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	DSPSTART	
0	(0)	CHARACTER	8	DSPNAME	- DSP NAME
8	(8)	CHARACTER	8	DSPCSECT	- CSECT NAME FOR RE-ENTRANT MODULES
16	(10)	CHARACTER	8	DSPDRVR	- DSP DRIVER MODULE NAME
24	(18)	CHARACTER	8	DSPJBVAL	- JOB VALIDATION MODULE NAME
32	(20)	CHARACTER	1	DSPNO	- DSP NUMBER
33	(21)	CHARACTER	1	DSPPRTY	- DSP PRIORITY
34	(22)	CHARACTER	1	DSPFLAGS	- FLAGS
		DEFINITION OF DSPFLAGS			
		1...		DSPPABLE	"X'80'" - DSP IS PROCESSABLE
		.1..		DSPRESCH	"X'40'" - DSP RESCHED ON GETUNIT NAVAIL
		..1.		DSPJSGET	"X'20'" - JSS DOES INIT GETUNI FOR THIS DSP
		...1		DSPFCTAV	"X'10'" - AN FCT FOR THIS DSP IS AVAIL
		.... 1...		DSPNMCHG	"X'08'" - NO MXCT CHG ALLOWED VIA *F
		.... .1..		DSPREENT	"X'04'" - DSP IS RE-ENTRANT
		.... ..1.		DSPXABLE	"X'02'" - DSP IS CALLABLE FROM CONSOLE
		1		DSPUCCHG	"X'01'" - USE COUNT CHANGE FOR THIS DSP
35	(23)	CHARACTER	1	DSPNOREQ	- NUMBER OF REQUIREMENTS
36	(24)	ADDRESS	4	DSPDEVRQ	- ADDRESS OF DEVICE REQUIREMENTS LIST

Table 121. Structure DSPSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
40	(28)	SIGNED	4	DSPMXCT	Maximum allowable use count for this DSP
44	(2C)	SIGNED	4	DSPJQEWQ	- ANCHOR FOR DSP JQE WAIT QUEUE
48	(30)	SIGNED	4	DSPSCCT	- Number of backlogged JQEs
52	(34)	CHARACTER	1	DSPFLAG1	- FLAGS
		DEFINITION OF DSPFLAG1			
		1...		DSPNUDRV	"X'80'" REFRESH DRIVER MODULE
		.1..		DSPNUDAT	"X'40'" REFRESH DATA CSECT
		..1.		DSPHABLE	"X'20'" DSP HOLDABLE VIA MODIFY CMD
		...1		DSPHELD	"X'10'" DSP HELD VIA MODIFY COMMAND
		.... 1...		DSPEXMPT	"X'08'" EXEMPT FOR MESSAGE/WTO
		.... .1..		DSPCRIT	"X'04'" DSP is critical 05925SUA
53	(35)	BITSTRING	1	DSPRSVS(3)	- RESERVED FOR SERVICE
56	(38)	SIGNED	4	DSPUSCT	Current use count for this DSP
60	(3C)	SIGNED	4	DSPJQEAW	- ANCHOR FOR ALT DSP WAIT Q 0818
64	(40)	SIGNED	4	DSPSCCTA	Alternate DSPSCCT field No. of CI/ POSTSCAN DEMSEL JQE'S moved to ready queue
68	(44)	SIGNED	4	DSPBUFCT	JSAM buffers in use by this 0082 DSP 0082
72	(48)	ADDRESS	8	DSPEUECH	64-bit address of EUE chain
80	(50)	SIGNED	4	DSPRSVS1	Reserved for service
84	(54)	SIGNED	4	DSPRSVS2	Reserved for service
88	(58)	SIGNED	4	DSPRSVS3	Reserved for service
92	(5C)	SIGNED	4	DSPRSVU	RESERVED FOR USER
96	(60)	SIGNED	4	DSPEND(0)	- END OF DSP ENTRY
96	(60)	BITSTRING	1	DSPSIZE(0)	DSP ENTRY SIZE = L'DSPSIZE

Table 122. Structure DRTSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	DRTSTART	
0	(0)	CHARACTER	8	DRTTYPE	- TYPE OF DEVICE
8	(8)	BITSTRING	1	DRTEND(0)	- END OF DRT ENTRY
8	(8)	BITSTRING	1	DRTSIZE(0)	DRT ENTRY SIZE = L'DRTSIZE
		Equates used for job number tracking			
8	(8)	BITSTRING	0	DSPJNOIL	"X'8000'" Flag used in OILH instruction to identify DSP number used
8	(8)	BITSTRING	0	DSPRTTTG	"X'4000'" Flag used in OILH instruction for RJP RTT track groups
8	(8)	X'1'	0	DSPINIT	"1" Initialization DSP 'number'

Table 123. Cross Reference for IATYDSP

Name	Offset	Hex Tag
DRTEND	8	
DRTSIZE	8	

Table 123. Cross Reference for IATYDSP (continued)

Name	Offset	Hex Tag
DRTSTART	0	
DRTTYPE	0	
DSPBUFCT	44	
DSPCRIT	34	4
DSPCSECT	8	
DSPDEVRQ	24	
DSPDRVR	10	
DSPEND	60	
DSPEUECH	48	
DSPEXMPT	34	8
DSPFCTAV	22	10
DSPFLAGS	22	
DSPFLAG1	34	
DSPHABLE	34	20
DSPHELD	34	10
DSPINIT	8	1
DSPJBVAL	18	
DSPJNOIL	8	8000
DSPJQEAW	3C	
DSPJQEWQ	2C	
DSPJSGET	22	20
DSPMXCT	28	
DSPNAME	0	
DSPNMCHG	22	8
DSPNO	20	
DSPNOREQ	23	
DSPNUDAT	34	40
DSPNUDRV	34	80
DSPPABLE	22	80
DSPPRTY	21	
DSPREENT	22	4
DSPRESCH	22	40
DSPRSVS	35	
DSPRSVS1	50	
DSPRSVS2	54	
DSPRSVS3	58	
DSPRSVU	5C	
DSPRTTTG	8	4000
DSPSCCT	30	
DSPSCCTA	40	
DSPSIZE	60	
DSPSTART	0	
DSPUCCHG	22	1
DSPUSCT	38	
DSPXABLE	22	2

IATYDSQ information

IATYDSQ programming interface information

IATYDSQ is a programming interface.

IATYDSQ heading information

Common name:	DESTINATION ROUTING TABLE (DSQ)
Macro ID:	IATYDSQ
DSECT name:	FSQSTART
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Main Storage: SUBPOOL 241
Size:	L'DSQSIZE
Created by:	IATINSV
Pointed to by:	DSQLOC IN IATYTVT SVTDSQ IN IATYSVT
Serialization:	NONE
Function:	Format of the destination routing table. Dependencies: The values for DSQFLG defined in the "Format of a Queue Entry" section of this macro are partially defined in IATYDST'S "Definition of DEST Q-ENTRY Flag" section. If any of the reserved DEST QUEUE entries are used, the LDQFNCS table in IATABNY and the STDSQNAM field in IATYJMF must be updated with the QUEUE name.

IATYDSQ mapping

Table 124. Structure IATSSDQ

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATSSDQ	
0	(0)	SIGNED	4	DSQSTART(0)	QUEUE INDEX START
0	(0)	ADDRESS	1		0-UNSUPPORTED
1	(1)	ADDRESS	1		1-TSO OUTPUT
2	(2)	ADDRESS	1		2-TSO CANCEL
3	(3)	ADDRESS	1		3-TSO STATUS
4	(4)	ADDRESS	1		4-END OF TASK
5	(5)	ADDRESS	1		5-JOB SELECT
6	(6)	ADDRESS	1		6-ALLOCATE
7	(7)	ADDRESS	1		7-UNALLOCATE
8	(8)	ADDRESS	1		8-END OF MEMORY
9	(9)	ADDRESS	1		9-WTO
10	(A)	ADDRESS	1		10-SVC 34
11	(B)	ADDRESS	1		11-VALIDATE ID
12	(C)	ADDRESS	1		12-JOB TERMINATION
13	(D)	ADDRESS	1		13-JOB RE-ENQUEUE
14	(E)	ADDRESS	1		14-DOM-UNSUPPORTED
15	(F)	ADDRESS	1		15-UNSUPPORTED
16	(10)	ADDRESS	1		16-OPEN

Table 124. Structure IATSSDQ (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
17	(11)	ADDRESS	1		17-CLOSE
18	(12)	ADDRESS	1		18-CHECKPOINT
19	(13)	ADDRESS	1		19-RESTART
20	(14)	ADDRESS	1		20-REQUEST JOB ID
21	(15)	ADDRESS	1		21-RETURN JOB ID
22	(16)	ADDRESS	1		22-BEGINNING OF STEP
23	(17)	ADDRESS	1		23-DYNAMIC ALLOCATION
24	(18)	ADDRESS	1		24-COMMON ALLOCATION
25	(19)	ADDRESS	1		25-COMMON UNCALLOCATION
26	(1A)	ADDRESS	1		26-CHANGE DDNAME
27	(1B)	ADDRESS	1		27-CHANGE ENQ USE ATTRIBUTE
28	(1C)	ADDRESS	1		28-DDR CANDIDATE SELECT
29	(1D)	ADDRESS	1		29-DDR CANDIDATE VERIFY
30	(1E)	ADDRESS	1		30-DDR DASD SWAP REQUEST
31	(1F)	ADDRESS	1		31-DDR SWAP COMPLETE
32	(20)	ADDRESS	1		32-START COMMAND FAILURE
33	(21)	ADDRESS	1	(7)	33-39 UNSUPPORTED
40	(28)	ADDRESS	1		40-EARLY VOL RELEASE
41	(29)	ADDRESS	1	(21)	RESERVED
62	(3E)	ADDRESS	1		62-BDT SUBSYSTEM
63	(3F)	ADDRESS	1		63-BDT STAR SHUTTLE
64	(40)	ADDRESS	1	(6)	RESERVED
70	(46)	ADDRESS	1		70-Scheduler JCL Facilities
71	(47)	ADDRESS	1		RESERVED
72	(48)	ADDRESS	1		72-VARY PATH
73	(49)	ADDRESS	1	(2)	RESERVED
75	(4B)	ADDRESS	1		75-NOTIFY USER
76	(4C)	ADDRESS	1		Unsupported
77	(4D)	ADDRESS	1		77-Persistent JCL
78	(4E)	ADDRESS	1		Reserved
79	(4F)	ADDRESS	1		79-SYSOUT Appl Programming Interface
80	(50)	ADDRESS	1		80-Enhanced Status
81	(51)	ADDRESS	1		Reserved
The following entry is reserved. Since SSI82 performs multiple subfunctions and we want each subfunction to run its own FCT, one entry is not sufficient. Therefore we'll use multiple JES destination codes (see below) and leave this entry reserved.					
82	(52)	ADDRESS	1		Reserved-JES Properties
83	(53)	ADDRESS	1		83-JES Managed Devices
84	(54)	ADDRESS	1	(44)	Reserved
FOLLOWING ARE JES3 DEST-CODES					
128	(80)	ADDRESS	1		128-MAIN SERVICE
129	(81)	ADDRESS	1		129-GENERALIZED MAIN SCHED
130	(82)	ADDRESS	1		130-VERIFY

Table 124. Structure IATSSDQ (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
131	(83)	ADDRESS	1		131-LOCATE
132	(84)	ADDRESS	1		132-JES DATA MANAGEMENT
133	(85)	ADDRESS	1		133-USER TRACK ALLOCATION
134	(86)	ADDRESS	1		134-CONSOLES SVC 34
135	(87)	ADDRESS	1		135-CONSOLES WTO
136	(88)	ADDRESS	1		136-UNUSED
137	(89)	ADDRESS	1		137-VERIFY RESPONSE
138	(8A)	ADDRESS	1		138-WORK TO DO DRIVER
139	(8B)	ADDRESS	1		139-SSICS
140	(8C)	ADDRESS	1		140-SSICS
141	(8D)	ADDRESS	1		141-ENDREQ
142	(8E)	ADDRESS	1		142-MODIFY DRIVER
143	(8F)	ADDRESS	1		143-INQUIRY DRIVER
144	(90)	ADDRESS	1		144-SYSOUT INTERFACE
145	(91)	ADDRESS	1		145-SYSTEM CONNECT
146	(92)	ADDRESS	1		146-ALT CTC RETRY
147	(93)	ADDRESS	1		147-UNUSED
148	(94)	ADDRESS	1		148-STAR SHORTAGE
149	(95)	ADDRESS	1		149-DYNAL-ALLOC
150	(96)	ADDRESS	1		150-DYNAL-UNALLOC
151	(97)	ADDRESS	1		151-DYNAL-CHG DDN
152	(98)	ADDRESS	1		152-COMMUNICATION FROM AN FSS
153	(99)	ADDRESS	1		153-CI DRIVER
154	(9A)	ADDRESS	1		154-IOERR
155	(9B)	ADDRESS	1		155-FSS start failure
156	(9C)	ADDRESS	1		156 - reserved for service
157	(9D)	ADDRESS	1		157-SAPI
158	(9E)	ADDRESS	1		158-Enhanced ST
159	(9F)	ADDRESS	1		159-WLM
160	(A0)	ADDRESS	1		160-JESMSG
161	(A1)	ADDRESS	1		161-LMLC
162	(A2)	ADDRESS	1		162-TCSRV
163	(A3)	ADDRESS	1		163-Classes
164	(A4)	ADDRESS	1		164-Initiators
165	(A5)	ADDRESS	1		165-Nodes
166	(A6)	ADDRESS	1		166-Spool Partition
167	(A7)	ADDRESS	1		167-JESplex
168	(A8)	ADDRESS	1		168-Scheduler JCL Facilities
169	(A9)	ADDRESS	1		169-JES Managed Devices
170	(AA)	ADDRESS	1	(85)	170-254 Reserved for IBM 18119TAC
255	(FF)	ADDRESS	1		255 - Fake Dest code - used 18119TAA to track spool waits via 18119TAA IATXSIAF 18119TAA
		QUEUE ENTRY SECTION FORMAT OF A QUEUE ENTRY			

Table 124. Structure IATSSDQ (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
256	(100)	SIGNED	4	DSQQST(0)	START OF ROUTING QUEUES
256	(100)	ADDRESS	4	DSQECFA	ECF ADDRESS
260	(104)	BITSTRING	1	(3)	MUST BE ZERO
263	(107)	BITSTRING	1	DSQECFM	ECF MASK
264	(108)	BITSTRING	1	DSQFLG	FLAG BYTE
		DEFINITION OF DSQFLG			
		1...		DSQGSCH	"X'80'" GMS Q-ENTRY
		.1..		DSQACT	"X'40'" Q-ENTRY IS ACTIVE
		..1.		DSQDNAQ	"X'20'" ROUTE SA TO Q IF NOT ACTIVE
		...1		DSQMDSQ	"X'10'" MDS Q-ENTRY
		.... 1...		DSQDYNAM	"X'08'" DYNAMIC DESTQ ANCHOR
		.... .1..		DSQMBCRT	"X'04'" A JESXCF mailbox has been created for this Destq entry
		.... ..1.		DSQFSSQ	"X'02'" FSS Q-ENTRY
		1		DSQSUSPA	"X'01'" DSQLOC is suspendable
265	(109)	BITSTRING	1	DSQRSVD(3)	RESERVED FOR DEVELOPMENT
268	(10C)	ADDRESS	4	DSQQHD	QUEUE HEADER
272	(110)	ADDRESS	4	DSQQTAIL	Queue Tail
276	(114)	CHARACTER	16	DSQMBNAM	JESXCF mailbox name
276	(114)	X'124'	0	DSQQEND	"*"
292	(124)	BITSTRING	1	DSQQSIZE(0)	SIZE OF QUEUE ENTRY
		Format of a Dynamic Destination Queue Entry. The following is also used to map an FSS Dynamic Destination Queue Extension. An extension will be created when an FSS is added and the FSS-level destination queue is not large enough to contain the new FSS.			
256	(100)	SIGNED	4	DSQFSQST(0)	Start of Entry
256	(100)	SIGNED	4	DSQFSQCT	Number of DESTQ entries in this extent of the FSS-level DESTQ table
260	(104)	SIGNED	4	DSQFSRS1	Reserved for development
264	(108)	BITSTRING	1	DSQFSFLG	Same as DSQFLG
265	(109)	BITSTRING	3	DSQFSRS2	Reserved for development
268	(10C)	ADDRESS	4	DSQFSQPT	Address of FSS-level DESTQ table. This field must correspond to DSQQHD.
272	(110)	SIGNED	4	DSQFSQLO	Low FSS id associated with this entry
276	(114)	SIGNED	4	DSQFSQHI	High FSS id associated with this entry
280	(118)	SIGNED	4	DSQFSQNX	Address of next FSS Dynamic destination queue extension
284	(11C)	BITSTRING	8	DSQFSRS3	Pad to DESTQ entry size
292	(124)	BITSTRING	1	DSQFSQEN(0)	End of entry
292	(124)	X'24'	0	DSQFSQSZ	"DSQFSQEN-DSQFSQST" Size of entry

Table 124. Structure IATSSDQ (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
292	(124)	X'A'	0	DSQFSMIN	"10" Minimum number of FSS's represented by a dynamic destination queue extension
		QUEUE ENTRIES These destination queue entries have descriptions in IATYJMF and IATABNY. Changes to the DSQ table must be mirrored in both IATYJMF's and IATABNY's description tables.			
SQMSV DSQENTRY MBNAME=MAINSVC MAIN SERVICE					
256	(100)	SIGNED	4	DSQMSV(0)	
256	(100)	ADDRESS	4		ECF Address
260	(104)	BITSTRING	1	(3)	Must be zero
263	(107)	BITSTRING	1		ECF Mask
264	(108)	BITSTRING	1		Flag byte
265	(109)	BITSTRING	1	(3)	Reserved for Development
268	(10C)	ADDRESS	4		Staging area queue head
272	(110)	ADDRESS	4		Staging area queue tail
276	(114)	CHARACTER	16		JESXCF mailbox name
SQGMS DSQENTRY MBNAME=GMS GENERALIZED MAIN SCHEDULING					
292	(124)	SIGNED	4	DSQGMS(0)	
292	(124)	ADDRESS	4		ECF Address
296	(128)	BITSTRING	1	(3)	Must be zero
299	(12B)	BITSTRING	1		ECF Mask
300	(12C)	BITSTRING	1		Flag byte
301	(12D)	BITSTRING	1	(3)	Reserved for Development
304	(130)	ADDRESS	4		Staging area queue head
308	(134)	ADDRESS	4		Staging area queue tail
312	(138)	CHARACTER	16		JESXCF mailbox name
SQVER DSQENTRY MBNAME=VERIFY VERIFY					
328	(148)	SIGNED	4	DSQVER(0)	
328	(148)	ADDRESS	4		ECF Address
332	(14C)	BITSTRING	1	(3)	Must be zero
335	(14F)	BITSTRING	1		ECF Mask
336	(150)	BITSTRING	1		Flag byte
337	(151)	BITSTRING	1	(3)	Reserved for Development
340	(154)	ADDRESS	4		Staging area queue head
344	(158)	ADDRESS	4		Staging area queue tail
348	(15C)	CHARACTER	16		JESXCF mailbox name
SQLOCA DSQENTRY MBNAME=LOCATE LOCATE					
364	(16C)	SIGNED	4	DSQLOCA(0)	
364	(16C)	ADDRESS	4		ECF Address
368	(170)	BITSTRING	1	(3)	Must be zero
371	(173)	BITSTRING	1		ECF Mask

Table 124. Structure IATSSDQ (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
372	(174)	BITSTRING	1		Flag byte
373	(175)	BITSTRING	1	(3)	Reserved for Development
376	(178)	ADDRESS	4		Staging area queue head
380	(17C)	ADDRESS	4		Staging area queue tail
384	(180)	CHARACTER	16		JESXCF mailbox name
SQJSAM DSQENTRY MBNAME=JSAM JES DATA MANAGEMENT					
400	(190)	SIGNED	4	DSQJSAM(0)	
400	(190)	ADDRESS	4		ECF Address
404	(194)	BITSTRING	1	(3)	Must be zero
407	(197)	BITSTRING	1		ECF Mask
408	(198)	BITSTRING	1		Flag byte
409	(199)	BITSTRING	1	(3)	Reserved for Development
412	(19C)	ADDRESS	4		Staging area queue head
416	(1A0)	ADDRESS	4		Staging area queue tail
420	(1A4)	CHARACTER	16		JESXCF mailbox name
SQUTK DSQENTRY MBNAME=USERTRACK USER TRACK ALLOCATION					
436	(1B4)	SIGNED	4	DSQUTK(0)	
436	(1B4)	ADDRESS	4		ECF Address
440	(1B8)	BITSTRING	1	(3)	Must be zero
443	(1BB)	BITSTRING	1		ECF Mask
444	(1BC)	BITSTRING	1		Flag byte
445	(1BD)	BITSTRING	1	(3)	Reserved for Development
448	(1C0)	ADDRESS	4		Staging area queue head
452	(1C4)	ADDRESS	4		Staging area queue tail
456	(1C8)	CHARACTER	16		
SQC34 DSQENTRY MBNAME=SVC34 SVC 34					
472	(1D8)	SIGNED	4	DSQC34(0)	
472	(1D8)	ADDRESS	4		ECF Address
476	(1DC)	BITSTRING	1	(3)	Must be zero
479	(1DF)	BITSTRING	1		ECF Mask
480	(1E0)	BITSTRING	1		Flag byte
481	(1E1)	BITSTRING	1	(3)	Reserved for Development
484	(1E4)	ADDRESS	4		Staging area queue head
488	(1E8)	ADDRESS	4		Staging area queue tail
492	(1EC)	CHARACTER	16		JESXCF mailbox name
SQWTO DSQENTRY MBNAME=WTO WTO					
508	(1FC)	SIGNED	4	DSQWTO(0)	
508	(1FC)	ADDRESS	4		ECF Address
512	(200)	BITSTRING	1	(3)	Must be zero
515	(203)	BITSTRING	1		ECF Mask
516	(204)	BITSTRING	1		Flag byte

Table 124. Structure IATSSDQ (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
517	(205)	BITSTRING	1	(3)	Reserved for Development
520	(208)	ADDRESS	4		Staging area queue head
524	(20C)	ADDRESS	4		Staging area queue tail
528	(210)	CHARACTER	16		JESXCF mailbox name
SQRSD10 DSQENTRY MBNAME=RSVD10 Reserved					
544	(220)	SIGNED	4	DSQRSD10(0)	
544	(220)	ADDRESS	4		ECF Address
548	(224)	BITSTRING	1	(3)	Must be zero
551	(227)	BITSTRING	1		ECF Mask
552	(228)	BITSTRING	1		Flag byte
553	(229)	BITSTRING	1	(3)	Reserved for Development
556	(22C)	ADDRESS	4		Staging area queue head
560	(230)	ADDRESS	4		Staging area queue tail
564	(234)	CHARACTER	16		JESXCF mailbox name
SQDAL DSQENTRY MBNAME=DYNALLOC DYNAMIC ALLOCATION					
580	(244)	SIGNED	4	DSQDAL(0)	
580	(244)	ADDRESS	4		ECF Address
584	(248)	BITSTRING	1	(3)	Must be zero
587	(24B)	BITSTRING	1		ECF Mask
588	(24C)	BITSTRING	1		Flag byte
589	(24D)	BITSTRING	1	(3)	Reserved for Development
592	(250)	ADDRESS	4		Staging area queue head
596	(254)	ADDRESS	4		Staging area queue tail
600	(258)	CHARACTER	16		JESXCF mailbox name
SQCAL DSQENTRY MBNAME=COMALLOC COMMON ALLOCATION					
616	(268)	SIGNED	4	DSQCAL(0)	
616	(268)	ADDRESS	4		ECF Address
620	(26C)	BITSTRING	1	(3)	Must be zero
623	(26F)	BITSTRING	1		ECF Mask
624	(270)	BITSTRING	1		Flag byte
625	(271)	BITSTRING	1	(3)	Reserved for Development
628	(274)	ADDRESS	4		Staging area queue head
632	(278)	ADDRESS	4		Staging area queue tail
636	(27C)	CHARACTER	16		JESXCF mailbox name
SQCUAL DSQENTRY MBNAME=COMUNALC COMMON UNALLOCATION					
652	(28C)	SIGNED	4	DSQCUAL(0)	
652	(28C)	ADDRESS	4		ECF Address
656	(290)	BITSTRING	1	(3)	Must be zero
659	(293)	BITSTRING	1		ECF Mask
660	(294)	BITSTRING	1		Flag byte
661	(295)	BITSTRING	1	(3)	Reserved for Development

Table 124. Structure IATSSDQ (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
664	(298)	ADDRESS	4		Staging area queue head
668	(29C)	ADDRESS	4		Staging area queue tail
672	(2A0)	CHARACTER	16		JESXCF mailbox name
SQVRS DSQENTRY MBNAME=VERRESP VERIFY RESPONSE					
688	(2B0)	SIGNED	4	DSQVRS(0)	
688	(2B0)	ADDRESS	4		ECF Address
692	(2B4)	BITSTRING	1	(3)	Must be zero
695	(2B7)	BITSTRING	1		ECF Mask
696	(2B8)	BITSTRING	1		Flag byte
697	(2B9)	BITSTRING	1	(3)	Reserved for Development
700	(2BC)	ADDRESS	4		Staging area queue head
704	(2C0)	ADDRESS	4		Staging area queue tail
708	(2C4)	CHARACTER	16		JESXCF mailbox name
SQCDD DSQENTRY MBNAME=CHGDDNAME CHANGE DDNAME					
724	(2D4)	SIGNED	4	DSQCDD(0)	
724	(2D4)	ADDRESS	4		ECF Address
728	(2D8)	BITSTRING	1	(3)	Must be zero
731	(2DB)	BITSTRING	1		ECF Mask
732	(2DC)	BITSTRING	1		Flag byte
733	(2DD)	BITSTRING	1	(3)	Reserved for Development
736	(2E0)	ADDRESS	4		Staging area queue head
740	(2E4)	ADDRESS	4		Staging area queue tail
744	(2E8)	CHARACTER	16		
SQWTD DSQENTRY MBNAME=WORKTODO WORK TO DO DRIVER					
760	(2F8)	SIGNED	4	DSQWTD(0)	
760	(2F8)	ADDRESS	4		ECF Address
764	(2FC)	BITSTRING	1	(3)	Must be zero
767	(2FF)	BITSTRING	1		ECF Mask
768	(300)	BITSTRING	1		Flag byte
769	(301)	BITSTRING	1	(3)	Reserved for Development
772	(304)	ADDRESS	4		Staging area queue head
776	(308)	ADDRESS	4		Staging area queue tail
780	(30C)	CHARACTER	16		JESXCF mailbox name
SQSS1 DSQENTRY MBNAME=SSICSQ1 SSICS QUEUE 1					
796	(31C)	SIGNED	4	DSQSS1(0)	
796	(31C)	ADDRESS	4		ECF Address
800	(320)	BITSTRING	1	(3)	Must be zero
803	(323)	BITSTRING	1		ECF Mask
804	(324)	BITSTRING	1		Flag byte
805	(325)	BITSTRING	1	(3)	Reserved for Development
808	(328)	ADDRESS	4		Staging area queue head

Table 124. Structure IATSSDQ (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
812	(32C)	ADDRESS	4		Staging area queue tail
816	(330)	CHARACTER	16		JESXCF mailbox name
SQSS2 DSQENTRY MBNAME=SSICSQ2 SSICS QUEUE 2					
832	(340)	SIGNED	4	DSQSS2(0)	
832	(340)	ADDRESS	4		ECF Address
836	(344)	BITSTRING	1	(3)	Must be zero
839	(347)	BITSTRING	1		ECF Mask
840	(348)	BITSTRING	1		Flag byte
841	(349)	BITSTRING	1	(3)	Reserved for Development
844	(34C)	ADDRESS	4		Staging area queue head
848	(350)	ADDRESS	4		Staging area queue tail
852	(354)	CHARACTER	16		JESXCF mailbox name
SQMDR DSQENTRY MBNAME=MODIFYDV MODIFY DRIVER					
868	(364)	SIGNED	4	DSQMDR(0)	
868	(364)	ADDRESS	4		ECF Address
872	(368)	BITSTRING	1	(3)	Must be zero
875	(36B)	BITSTRING	1		ECF Mask
876	(36C)	BITSTRING	1		Flag byte
877	(36D)	BITSTRING	1	(3)	Reserved for Development
880	(370)	ADDRESS	4		Staging area queue head
884	(374)	ADDRESS	4		Staging area queue tail
888	(378)	CHARACTER	16		JESXCF mailbox name
SQIDR DSQENTRY MBNAME=INQUIRYDV INQUIRY DRIVER					
904	(388)	SIGNED	4	DSQIDR(0)	
904	(388)	ADDRESS	4		ECF Address
908	(38C)	BITSTRING	1	(3)	Must be zero
911	(38F)	BITSTRING	1		ECF Mask
912	(390)	BITSTRING	1		Flag byte
913	(391)	BITSTRING	1	(3)	Reserved for Development
916	(394)	ADDRESS	4		Staging area queue head
920	(398)	ADDRESS	4		Staging area queue tail
924	(39C)	CHARACTER	16		
SQCNQ DSQENTRY MBNAME=CHGENQUSE CHANGE ENQUEUE USE ATTRIBUTE					
940	(3AC)	SIGNED	4	DSQCNQ(0)	
940	(3AC)	ADDRESS	4		ECF Address
944	(3B0)	BITSTRING	1	(3)	Must be zero
947	(3B3)	BITSTRING	1		ECF Mask
948	(3B4)	BITSTRING	1		Flag byte
949	(3B5)	BITSTRING	1	(3)	Reserved for Development
952	(3B8)	ADDRESS	4		Staging area queue head
956	(3BC)	ADDRESS	4		Staging area queue tail

Table 124. Structure IATSSDQ (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
960	(3C0)	CHARACTER	16		
SQPSI DSQENTRY MBNAME=PSO PROCESS SYSOUT					
976	(3D0)	SIGNED	4	DSQPSI(0)	
976	(3D0)	ADDRESS	4		ECF Address
980	(3D4)	BITSTRING	1	(3)	Must be zero
983	(3D7)	BITSTRING	1		ECF Mask
984	(3D8)	BITSTRING	1		Flag byte
985	(3D9)	BITSTRING	1	(3)	Reserved for Development
988	(3DC)	ADDRESS	4		Staging area queue head
992	(3E0)	ADDRESS	4		Staging area queue tail
996	(3E4)	CHARACTER	16		JESXCF mailbox name
SQDDR DSQENTRY MBNAME=TAPEDDR TAPE DDR PROCESSING					
1012	(3F4)	SIGNED	4	DSQDDR(0)	
1012	(3F4)	ADDRESS	4		ECF Address
1016	(3F8)	BITSTRING	1	(3)	Must be zero
1019	(3FB)	BITSTRING	1		ECF Mask
1020	(3FC)	BITSTRING	1		Flag byte
1021	(3FD)	BITSTRING	1	(3)	Reserved for Development
1024	(400)	ADDRESS	4		Staging area queue head
1028	(404)	ADDRESS	4		Staging area queue tail
1032	(408)	CHARACTER	16		JESXCF mailbox name
SQTCSRV DSQENTRY MBNAME=TCSRV TCPIP NJE service					
1048	(418)	SIGNED	4	DSQTCSRV(0)	
1048	(418)	ADDRESS	4		ECF Address
1052	(41C)	BITSTRING	1	(3)	Must be zero
1055	(41F)	BITSTRING	1		ECF Mask
1056	(420)	BITSTRING	1		Flag byte
1057	(421)	BITSTRING	1	(3)	Reserved for Development
1060	(424)	ADDRESS	4		Staging area queue head
1064	(428)	ADDRESS	4		Staging area queue tail
1068	(42C)	CHARACTER	16		JESXCF mailbox name
SQPATH DSQENTRY MBNAME=VARYPATH VARY PATH					
1084	(43C)	SIGNED	4	DSQPATH(0)	
1084	(43C)	ADDRESS	4		ECF Address
1088	(440)	BITSTRING	1	(3)	Must be zero
1091	(443)	BITSTRING	1		ECF Mask
1092	(444)	BITSTRING	1		Flag byte
1093	(445)	BITSTRING	1	(3)	Reserved for Development
1096	(448)	ADDRESS	4		Staging area queue head
1100	(44C)	ADDRESS	4		Staging area queue tail
1104	(450)	CHARACTER	16		JESXCF mailbox name

Table 124. Structure IATSSDQ (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
SQDYNAL DSQENTRY MBNAME=DYNAL DYNAL - ALLOC					
1120	(460)	SIGNED	4	DSQDYNAL(0)	
1120	(460)	ADDRESS	4		ECF Address
1124	(464)	BITSTRING	1	(3)	Must be zero
1127	(467)	BITSTRING	1		ECF Mask
1128	(468)	BITSTRING	1		Flag byte
1129	(469)	BITSTRING	1	(3)	Reserved for Development
1132	(46C)	ADDRESS	4		Staging area queue head
1136	(470)	ADDRESS	4		Staging area queue tail
1140	(474)	CHARACTER	16		
SQDYNUN DSQENTRY MBNAME=DYNUN DYNAL - UNALLOC					
1156	(484)	SIGNED	4	DSQDYNUN(0)	
1156	(484)	ADDRESS	4		ECF Address
1160	(488)	BITSTRING	1	(3)	Must be zero
1163	(48B)	BITSTRING	1		ECF Mask
1164	(48C)	BITSTRING	1		Flag byte
1165	(48D)	BITSTRING	1	(3)	Reserved for Development
1168	(490)	ADDRESS	4		Staging area queue head
1172	(494)	ADDRESS	4		Staging area queue tail
1176	(498)	CHARACTER	16		JESXCF mailbox name
SQDYNDD DSQENTRY MBNAME=DYNDD DYNAL - CHANGE DDNAME					
1192	(4A8)	SIGNED	4	DSQDYNDD(0)	
1192	(4A8)	ADDRESS	4		ECF Address
1196	(4AC)	BITSTRING	1	(3)	Must be zero
1199	(4AF)	BITSTRING	1		ECF Mask
1200	(4B0)	BITSTRING	1		Flag byte
1201	(4B1)	BITSTRING	1	(3)	Reserved for Development
1204	(4B4)	ADDRESS	4		Staging area queue head
1208	(4B8)	ADDRESS	4		Staging area queue tail
1212	(4BC)	CHARACTER	16		JESXCF mailbox name
SQDDRD DSQENTRY MBNAME=DASDDDR DASD DDR PROCESSING					
1228	(4CC)	SIGNED	4	DSQDDRD(0)	
1228	(4CC)	ADDRESS	4		ECF Address
1232	(4D0)	BITSTRING	1	(3)	Must be zero
1235	(4D3)	BITSTRING	1		ECF Mask
1236	(4D4)	BITSTRING	1		Flag byte
1237	(4D5)	BITSTRING	1	(3)	Reserved for Development
1240	(4D8)	ADDRESS	4		Staging area queue head
1244	(4DC)	ADDRESS	4		Staging area queue tail
1248	(4E0)	CHARACTER	16		JESXCF mailbox name

Table 124. Structure IATSSDQ (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
SQFSS DSQENTRY MBNAME=FSS, COMMUNICATION FROM AN FSS DYNAMIC=YES FLAG AS DYNAMIC DESTQ ENTRY					
1264	(4F0)	SIGNED	4	DSQFSS(0)	
1264	(4F0)	ADDRESS	4		ECF Address
1268	(4F4)	BITSTRING	1	(3)	Must be zero
1271	(4F7)	BITSTRING	1		ECF Mask
1272	(4F8)	ADDRESS	1		Flag byte
1273	(4F9)	BITSTRING	1	(3)	Reserved for Development
1276	(4FC)	ADDRESS	4		Staging area queue head
1280	(500)	ADDRESS	4		Staging area queue tail
1284	(504)	BITSTRING	16		No mail box name in dynamic destination queue entry
SQCIDRV DSQENTRY MBNAME=CIDRIVER CI DRIVER					
1300	(514)	SIGNED	4	DSQCIDRV(0)	
1300	(514)	ADDRESS	4		ECF Address
1304	(518)	BITSTRING	1	(3)	Must be zero
1307	(51B)	BITSTRING	1		ECF Mask
1308	(51C)	BITSTRING	1		Flag byte
1309	(51D)	BITSTRING	1	(3)	Reserved for Development
1312	(520)	ADDRESS	4		Staging area queue head
1316	(524)	ADDRESS	4		Staging area queue tail
1320	(528)	CHARACTER	16		JESXCF mailbox name
SQIOERR DSQENTRY MBNAME=IOERR SPOOL WRITE ERROR					
1336	(538)	SIGNED	4	DSQIOERR(0)	
1336	(538)	ADDRESS	4		ECF Address
1340	(53C)	BITSTRING	1	(3)	Must be zero
1343	(53F)	BITSTRING	1		ECF Mask
1344	(540)	BITSTRING	1		Flag byte
1345	(541)	BITSTRING	1	(3)	Reserved for Development
1348	(544)	ADDRESS	4		Staging area queue head
1352	(548)	ADDRESS	4		Staging area queue tail
1356	(54C)	CHARACTER	16		JESXCF mailbox name
SQBDT DSQENTRY MBNAME=BDT BDT SUBSYSTEM (62)					
1372	(55C)	SIGNED	4	DSQBDT(0)	
1372	(55C)	ADDRESS	4		ECF Address
1376	(560)	BITSTRING	1	(3)	Must be zero
1379	(563)	BITSTRING	1		ECF Mask
1380	(564)	BITSTRING	1		Flag byte
1381	(565)	BITSTRING	1	(3)	Reserved for Development
1384	(568)	ADDRESS	4		Staging area queue head
1388	(56C)	ADDRESS	4		Staging area queue tail
1392	(570)	CHARACTER	16		JESXCF mailbox name

Table 124. Structure IATSSDQ (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
SQBSHTL DSQENTRY MBNAME=BDTSHUTTL BDT SHUTTLE STARS (63)					
1408	(580)	SIGNED	4	DSQBSHTL(0)	
1408	(580)	ADDRESS	4		ECF Address
1412	(584)	BITSTRING	1	(3)	Must be zero
1415	(587)	BITSTRING	1		ECF Mask
1416	(588)	BITSTRING	1		Flag byte
1417	(589)	BITSTRING	1	(3)	Reserved for Development
1420	(58C)	ADDRESS	4		Staging area queue head
1424	(590)	ADDRESS	4		Staging area queue tail
1428	(594)	CHARACTER	16		
SQPJCL DSQENTRY MBNAME=PJCL ARM PJCL Service					
1444	(5A4)	SIGNED	4	DSQPJCL(0)	
1444	(5A4)	ADDRESS	4		ECF Address
1448	(5A8)	BITSTRING	1	(3)	Must be zero
1451	(5AB)	BITSTRING	1		ECF Mask
1452	(5AC)	BITSTRING	1		Flag byte
1453	(5AD)	BITSTRING	1	(3)	Reserved for Development
1456	(5B0)	ADDRESS	4		Staging area queue head
1460	(5B4)	ADDRESS	4		Staging area queue tail
1464	(5B8)	CHARACTER	16		JESXCF mailbox name
SQSAPI DSQENTRY MBNAME=SAPI SYSOUT Appl Prog Interface					
1480	(5C8)	SIGNED	4	DSQSAPI(0)	
1480	(5C8)	ADDRESS	4		ECF Address
1484	(5CC)	BITSTRING	1	(3)	Must be zero
1487	(5CF)	BITSTRING	1		ECF Mask
1488	(5D0)	BITSTRING	1		Flag byte
1489	(5D1)	BITSTRING	1	(3)	Reserved for Development
1492	(5D4)	ADDRESS	4		Staging area queue head
1496	(5D8)	ADDRESS	4		Staging area queue tail
1500	(5DC)	CHARACTER	16		JESXCF mailbox name
SQENST DSQENTRY MBNAME=ENSTATUS Enhanced Status					
1516	(5EC)	SIGNED	4	DSQENST(0)	
1516	(5EC)	ADDRESS	4		ECF Address
1520	(5F0)	BITSTRING	1	(3)	Must be zero
1523	(5F3)	BITSTRING	1		ECF Mask
1524	(5F4)	BITSTRING	1		Flag byte
1525	(5F5)	BITSTRING	1	(3)	Reserved for Development
1528	(5F8)	ADDRESS	4		Staging area queue head
1532	(5FC)	ADDRESS	4		Staging area queue tail
1536	(600)	CHARACTER	16		JESXCF mailbox name

Table 124. Structure IATSSDQ (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
SQWLM DSQENTRY MBNAME=WLM Workload Manager					
1552	(610)	SIGNED	4	DSQWLM(0)	
1552	(610)	ADDRESS	4		ECF Address
1556	(614)	BITSTRING	1	(3)	Must be zero
1559	(617)	BITSTRING	1		ECF Mask
1560	(618)	BITSTRING	1		Flag byte
1561	(619)	BITSTRING	1	(3)	Reserved for Development
1564	(61C)	ADDRESS	4		Staging area queue head
1568	(620)	ADDRESS	4		Staging area queue tail
1572	(624)	CHARACTER	16		JESXCF mailbox name
SQJMSG DSQENTRY MBNAME=JESMSG JESMSG offloading					
1588	(634)	SIGNED	4	DSQJMSG(0)	
1588	(634)	ADDRESS	4		ECF Address
1592	(638)	BITSTRING	1	(3)	Must be zero
1595	(63B)	BITSTRING	1		ECF Mask
1596	(63C)	BITSTRING	1		Flag byte
1597	(63D)	BITSTRING	1	(3)	Reserved for Development
1600	(640)	ADDRESS	4		Staging area queue head
1604	(644)	ADDRESS	4		Staging area queue tail
1608	(648)	CHARACTER	16		JESXCF mailbox name
SQLMLC DSQENTRY MBNAME=LMLC Local Load Module Load/Call					
1624	(658)	SIGNED	4	DSQLMLC(0)	
1624	(658)	ADDRESS	4		ECF Address
1628	(65C)	BITSTRING	1	(3)	Must be zero
1631	(65F)	BITSTRING	1		ECF Mask
1632	(660)	BITSTRING	1		Flag byte
1633	(661)	BITSTRING	1	(3)	Reserved for Development
1636	(664)	ADDRESS	4		Staging area queue head
1640	(668)	ADDRESS	4		Staging area queue tail
1644	(66C)	CHARACTER	16		JESXCF mailbox name
SQJPC DSQENTRY MBNAME=JPC JES Prop: Classes					
1660	(67C)	SIGNED	4	DSQJPC(0)	
1660	(67C)	ADDRESS	4		ECF Address
1664	(680)	BITSTRING	1	(3)	Must be zero
1667	(683)	BITSTRING	1		ECF Mask
1668	(684)	BITSTRING	1		Flag byte
1669	(685)	BITSTRING	1	(3)	Reserved for Development
1672	(688)	ADDRESS	4		Staging area queue head
1676	(68C)	ADDRESS	4		Staging area queue tail
1680	(690)	CHARACTER	16		JESXCF mailbox name

Table 124. Structure IATSSDQ (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
SQJPI DSQENTRY MBNAME=JPI JES Prop: Initiators					
1696	(6A0)	SIGNED	4	DSQJPI(0)	
1696	(6A0)	ADDRESS	4		ECF Address
1700	(6A4)	BITSTRING	1	(3)	Must be zero
1703	(6A7)	BITSTRING	1		ECF Mask
1704	(6A8)	BITSTRING	1		Flag byte
1705	(6A9)	BITSTRING	1	(3)	Reserved for Development
1708	(6AC)	ADDRESS	4		Staging area queue head
1712	(6B0)	ADDRESS	4		Staging area queue tail
1716	(6B4)	CHARACTER	16		JESXCF mailbox name
SQJPN DSQENTRY MBNAME=JPN JES Prop: Nodes					
1732	(6C4)	SIGNED	4	DSQJPN(0)	
1732	(6C4)	ADDRESS	4		ECF Address
1736	(6C8)	BITSTRING	1	(3)	Must be zero
1739	(6CB)	BITSTRING	1		ECF Mask
1740	(6CC)	BITSTRING	1		Flag byte
1741	(6CD)	BITSTRING	1	(3)	Reserved for Development
1744	(6D0)	ADDRESS	4		Staging area queue head
1748	(6D4)	ADDRESS	4		Staging area queue tail
1752	(6D8)	CHARACTER	16		JESXCF mailbox name
SQJPS DSQENTRY MBNAME=JPS JES Prop: Spool Partition					
1768	(6E8)	SIGNED	4	DSQJPS(0)	
1768	(6E8)	ADDRESS	4		ECF Address
1772	(6EC)	BITSTRING	1	(3)	Must be zero
1775	(6EF)	BITSTRING	1		ECF Mask
1776	(6F0)	BITSTRING	1		Flag byte
1777	(6F1)	BITSTRING	1	(3)	Reserved for Development
1780	(6F4)	ADDRESS	4		Staging area queue head
1784	(6F8)	ADDRESS	4		Staging area queue tail
1788	(6FC)	CHARACTER	16		JESXCF mailbox name
SQJPX DSQENTRY MBNAME=JPX JES Prop: JESplex					
1804	(70C)	SIGNED	4	DSQJPX(0)	
1804	(70C)	ADDRESS	4		ECF Address
1808	(710)	BITSTRING	1	(3)	Must be zero
1811	(713)	BITSTRING	1		ECF Mask
1812	(714)	BITSTRING	1		Flag byte
1813	(715)	BITSTRING	1	(3)	Reserved for Development
1816	(718)	ADDRESS	4		Staging area queue head
1820	(71C)	ADDRESS	4		Staging area queue tail
1824	(720)	CHARACTER	16		JESXCF mailbox name

Table 124. Structure IATSSDQ (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
SQSJF DSQENTRY MBNAME=SJF Scheduler JCL Facilities					
1840	(730)	SIGNED	4	DSQSJF(0)	
1840	(730)	ADDRESS	4		ECF Address
1844	(734)	BITSTRING	1	(3)	Must be zero
1847	(737)	BITSTRING	1		ECF Mask
1848	(738)	BITSTRING	1		Flag byte
1849	(739)	BITSTRING	1	(3)	Reserved for Development
1852	(73C)	ADDRESS	4		Staging area queue head
1856	(740)	ADDRESS	4		Staging area queue tail
1860	(744)	CHARACTER	16		JESXCF mailbox name
SQJDV DSQENTRY MBNAME=JDV JES Managed Devices					
1876	(754)	SIGNED	4	DSQJDV(0)	
1876	(754)	ADDRESS	4		ECF Address
1880	(758)	BITSTRING	1	(3)	Must be zero
1883	(75B)	BITSTRING	1		ECF Mask
1884	(75C)	BITSTRING	1		Flag byte
1885	(75D)	BITSTRING	1	(3)	Reserved for Development
1888	(760)	ADDRESS	4		Staging area queue head
1892	(764)	ADDRESS	4		Staging area queue tail
1896	(768)	CHARACTER	16		JESXCF mailbox name
SQRSD6 DSQENTRY MBNAME=RSVD6 Reserved for USER					
1912	(778)	SIGNED	4	DSQRSD6(0)	
1912	(778)	ADDRESS	4		ECF Address
1916	(77C)	BITSTRING	1	(3)	Must be zero
1919	(77F)	BITSTRING	1		ECF Mask
1920	(780)	BITSTRING	1		Flag byte
1921	(781)	BITSTRING	1	(3)	Reserved for Development
1924	(784)	ADDRESS	4		Staging area queue head
1928	(788)	ADDRESS	4		Staging area queue tail
1932	(78C)	CHARACTER	16		JESXCF mailbox name
SQRSD7 DSQENTRY MBNAME=RSVD7 Reserved for USER					
1948	(79C)	SIGNED	4	DSQRSD7(0)	
1948	(79C)	ADDRESS	4		ECF Address
1952	(7A0)	BITSTRING	1	(3)	Must be zero
1955	(7A3)	BITSTRING	1		ECF Mask
1956	(7A4)	BITSTRING	1		Flag byte
1957	(7A5)	BITSTRING	1	(3)	Reserved for Development
1960	(7A8)	ADDRESS	4		Staging area queue head
1964	(7AC)	ADDRESS	4		Staging area queue tail
1968	(7B0)	CHARACTER	16		JESXCF mailbox name

Table 124. Structure IATSSDQ (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
SQRSD8 DSQENTRY MBNAME=RSVD8 Reserved for USER					
1984	(7C0)	SIGNED	4	DSQRSD8(0)	
1984	(7C0)	ADDRESS	4		ECF Address
1988	(7C4)	BITSTRING	1	(3)	Must be zero
1991	(7C7)	BITSTRING	1		ECF Mask
1992	(7C8)	BITSTRING	1		Flag byte
1993	(7C9)	BITSTRING	1	(3)	Reserved for Development
1996	(7CC)	ADDRESS	4		Staging area queue head
2000	(7D0)	ADDRESS	4		Staging area queue tail
2004	(7D4)	CHARACTER	16		JESXCF mailbox name
SQRSD9 DSQENTRY MBNAME=RSVD9 Reserved for USER					
2020	(7E4)	SIGNED	4	DSQRSD9(0)	
2020	(7E4)	ADDRESS	4		ECF Address
2024	(7E8)	BITSTRING	1	(3)	Must be zero
2027	(7EB)	BITSTRING	1		ECF Mask
2028	(7EC)	BITSTRING	1		Flag byte
2029	(7ED)	BITSTRING	1	(3)	Reserved for Development
2032	(7F0)	ADDRESS	4		Staging area queue head
2036	(7F4)	ADDRESS	4		Staging area queue tail
2040	(7F8)	CHARACTER	16		JESXCF mailbox name
2040	(7F8)	X'808'	0	DSQEND	"*" END OF DEST ROUTING QUEUES
2056	(808)	BITSTRING	1	DSQSIZE(0)	SIZE OF DEST ROUTING TABLE

Table 125. Structure FSQSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	FSQSTART	FSS-LEVEL DESTQ ENTRY
0	(0)	SIGNED	4	FSQFSACT	NUMBER OF DESTQ ENTRIES IN FSA-LEVEL DESTQ TABLE
4	(4)	SIGNED	4	(2)	
12	(C)	ADDRESS	4	FSQFSAPT	ADDRESS OF FSA-LEVEL DESTQ TABLE
16	(10)	SIGNED	4	FSQEND(0)	END OF FSS-LEVEL DESTQ ENTRY
16	(10)	X'10'	0	FSQLEN	"FSQEND-FSQSTART" FSS-LEVEL DESTQ ENTRY LENGTH

Table 126. Cross Reference for IATYDSQ

Name	Offset	Hex Tag
DSQACT	108	40
DSQBDT	55C	
DSQBSHTL	580	
DSQCAL	268	
DSQCDD	2D4	
DSQCIDRV	514	
DSQCNQ	3AC	
DSQCUAL	28C	

Table 126. Cross Reference for IATYDSQ (continued)

Name	Offset	Hex Tag
DSQC34	1D8	
DSQDAL	244	
DSQDDR	3F4	
DSQDDRD	4CC	
DSQDNAQ	108	20
DSQDYNAL	460	
DSQDYNAM	108	8
DSQDYNDD	4A8	
DSQDYNUN	484	
DSQECFA	100	
DSQECFM	107	0
DSQEND	7F8	808
DSQENST	5EC	
DSQFLG	108	0
DSQFSFLG	108	
DSQFSMIN	124	A
DSQFSQCT	100	
DSQFSQEN	124	
DSQFSQHI	114	
DSQFSQLO	110	
DSQFSQNX	118	
DSQFSQPT	10C	
DSQFSQST	100	
DSQFSQSZ	124	24
DSQFSRS1	104	
DSQFSRS2	109	
DSQFSRS3	11C	
DSQFSS	4F0	
DSQFSSQ	108	2
DSQGMS	124	
DSQGSCH	108	80
DSQIDR	388	
DSQIOERR	538	
DSQJDV	754	
DSQJMSG	634	
DSQJPC	67C	
DSQJPI	6A0	
DSQJPN	6C4	
DSQJPS	6E8	
DSQJPX	70C	
DSQJSAM	190	
DSQLMLC	658	
DSQLOCA	16C	
DSQMBCRT	108	4
DSQMBNAM	114	40404040
DSQMDR	364	

Table 126. Cross Reference for IATYDSQ (continued)

Name	Offset	Hex Tag
DSQMDSQ	108	10
DSQMSV	100	
DSQPATH	43C	
DSQPJCL	5A4	
DSQPSI	3D0	
DSQQEND	114	124
DSQQHD	10C	
DSQQSIZE	124	
DSQQST	100	
DSQQTAIL	110	
DSQRSD10	220	
DSQRSD6	778	
DSQRSD7	79C	
DSQRSD8	7C0	
DSQRSD9	7E4	
DSQRSVD	109	
DSQSAPI	5C8	
DSQSIZE	808	
DSQSJF	730	
DSQSS1	31C	
DSQSS2	340	
DSQSTART	0	
DSQSUSPA	108	1
DSQTCSRV	418	
DSQUTK	1B4	
DSQVER	148	
DSQVRS	2B0	
DSQWLM	610	
DSQWTD	2F8	
DSQWTO	1FC	
FSQEND	10	
FSQFSACT	0	
FSQFSAPT	C	
FSQLEN	10	10
FSQSTART	0	
IATSSDQ	0	

IATYDSS information

IATYDSS programming interface information

The following fields are **NOT** programming interface information:

- DSSDSB
- DSSSAVE1
- DSSSAVE2
- DSSWORK

IATYDSS heading information

Common name:	DEFINITION OF THE DATA SET STATUS BLOCK (DSS)
Macro ID:	IATYDSS
DSECT name:	DSSSTART
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	DSS Offset: 0 Length: 4
Storage attributes:	Subpool: 241 Key: 1 Data Space: None Residency: Any
Size:	324 Bytes
Created by:	IATSIADD in IATSIAD
Pointed to by:	MEMDSS and MEMRRDSS in IATYMEM, 15606T6C ICTJCDSS, ICTJEDSS, and ICTSYDSS in IATYICT DMCFDDSS in IATYDMC, DFRDSS in IATYDFR, IEBFILE in IATYIEB, IOPSRBQ in IATYIOP, JFCBDSNM (in EBCDIC) in IEFJFCBN, RABPOSTQ in IATYRAB, SRBPARM in IHASRB, SSDASSCM in IEFSSDA, SSSODSN (in EBCDIC) in IEFJSSOB, SVTPBUFQ in IATYSVT, DSBDSS in IATYDSB DSSNXDSS in IATYDSS RREDSSAD in IATYRRE
Serialization:	LOCAL LOCK
Function:	Contains data set status (OPEN, CLOSED, etc.)

IATYDSS mapping

Table 127. Structure DSSSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	DSSSTART	
0	(0)	CHARACTER	4	DSSID	DSS block identifier
4	(4)	ADDRESS	4	DSSDSB	Associated DSB address
8	(8)	ADDRESS	4	DSSMEMQ	Next DSS on the IATYMEM Q
8	(8)	X'8'	0	DSSFREEQ	"DSSMEMQ" NEXT DSS ON SVTFDSSQ
12	(C)	ADDRESS	4	DSSMEME	Addr of MEMENTRY in IATYMEM
16	(10)	ADDRESS	4	DSSSSVT	Addr of the IATYSVT (SSVT)
20	(14)	SIGNED	4	DSSCLEAR(0)	Start of DSS clear area
20	(14)	SIGNED	4	DSSRSVS1	Reserved for service

Table 127. Structure DSSSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
					DSS Wait and I/O Queuing Parameters The queuing parameters are serialized via compare and swap logic and have the following format: (1) DSSNXDSS - Contains the address of the next DSS on the specified queue. The DSS can be on one of the following queues: (A) RABPOSTQ - Queue of DSS'S waiting for tracks to become available. (b) SVTPBQ (SVTPBUFQ) - Queue of DSS's waiting for USAM PBUFs to become available. (c) IOPSRBWT (IOPSRBQ) - Queue of DSS's that are waiting for an SRB to become available. The internal macros ADD_DSS and RESET_DSS should be used to add the DSS to the specified queue, and to reset the DSS once it has been removed from the specified queue. These macros will check the validity of the request by examining a bit in DSSTFLG1 to determine if the DSS is already queued or dequeued. Note: For debugging purposes, DSSNXDSS is NOT cleared after it is removed from the queue. Therefore, the user should not rely on the contents of this field after it is removed from the queue. (2) DSSIOQ - Contains the I/O status and wait information. It consists of three parts: (a) DSSWFLAG - Contains information about why a particular task is waiting. For example, the task is waiting for I/O or the task is waiting for UBUFs to become available. (b) DSSUBCNT - Contains the number of USAM user buffers (UBUFs) that are waiting for a USAM protected buffer (PBUF) to become available. (c) DSSIOCNT - Contains the number of I/O requests that must complete before this task can continue.
24	(18)	DBL WORD	8	DSSQPRMS	QUEUING PARAMETERS
24	(18)	X'18'	0	DSSNXDSS	"DSSQPRMS,4,C'A'" NEXT DSS ON THE Q
24	(18)	X'1C'	0	DSSIOQ	"DSSQPRMS+4,4,C'F'" I/O Q STATUS AND WAIT INFO
24	(18)	X'1D'	0	DSSUBCNT	"DSSIOQ+1,1,C'C'" UBUF CNT WAITING FOR PBUFS
24	(18)	X'1E'	0	DSSIOCNT	"DSSIOQ+2,2,C'H'" ACTIVE I/O COUNT
24	(18)	X'1C'	0	DSSWFLAG	"DSSIOQ,1,C'C'" DSS Wait Flag
					Definition of DSSWFLAG.
		1...		DSSPREQ	"X'80'" A post is required for some wait condition. This flag is always set in conjunction with one or more other wait flags to indicate that the task is waiting for some condition. This flag should never be on by itself, and should always be on if any other flag is on.
		.1..		DSSDMWT	"X'40'" A data management request is waiting. This flag is set to indicate that the task is waiting for USAM UBUFs (DSSNOUBF), a data management point wait (DSSPOINT), or for I/O completion (no other flag set other than DSSPREQ). When this flag is set, the ECB designated by the field DSBECB is posted.
		..1.		DSSSSWT	"X'20'" An SSI request is waiting for the data set. This flag is set to indicate that an SSI related routine such as End-of-Task etc. is waiting for I/O processing to quiesce for this data set. When this flag is set, the ECB designated by the field DSBSSECB is posted.

Table 127. Structure DSSSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		...1		DSSNOPST	"X'10'" End-of-task or end-of- memory has occurred for the task or address space associated with this request, and the ECB associated with this request should not be posted.
		.... 1...		DSSPOINT	"X'08'" A point operation is in progress. This flag is set in conjunction with DSSDMWT.
		.... .1..		DSSCLOSI	"X'04'" Data set close has been initiated. This flag is set in conjunction with DSSSSWT to indicate that an SSI function is waiting for close processing to complete for this data set. This means that IATDMEBS 11485TAC should bypass posting the data management ECB (DSBECB). If DSSSSWT is on but DSSCLOSI is NOT on, 11485TAC IATDMEBS may post DSBECB in 11485TAC addition to DSBSSECB. 11485TAC
		.... ..1.		DSSNOUBF	"X'02'" The task is waiting for USAM UBUFs to become available. This flag is set in conjunction with DSSDMWT.
		1		DSSRSVW7	"X'01'" Reserved for wait function
DSS Spool Addresses.					
32	(20)	BITSTRING	1	DSSRECAD	SPOOL ADDRESSES
32	(20)	X'20'	0	DSSTHIS	"DSSRECAD,L'FDBSPADR" SPOOL ADDR FOR THIS BUFFER SPOOL MOD/RECORD SUBFIELDS
32	(20)	X'20'	0	DSSSPMOD	"DSSTHIS,L'FDBSPMOD" MODULE NUMBER OF SPOOL EXTENT
32	(20)	X'22'	0	DSSSPREC	"DSSTHIS+L'FDBSPMOD,L'FDBSPREC" RECORD NO OF EXTENT
32	(20)	X'26'	0	DSSFIRST	"DSSRECAD+L'FDBSPADR,L'FDBSPADR" SPOOL ADDR FOR 1ST BUFFER
32	(20)	X'2C'	0	DSSPREV	"DSSRECAD+2*L'FDBSPADR,L'FDBSPADR" SPOOL ADDR FOR PRIOR BUFFER
32	(20)	X'32'	0	DSSNEXT	"DSSRECAD+3*L'FDBSPADR,L'FDBSPADR" SPOOL ADDR FOR NEXT BUFFER
DSS Control Block Addresses.					
56	(38)	ADDRESS	4	DSSASCB	ASCB ADDR ASSOC WITH THE I/O
60	(3C)	ADDRESS	4	DSSRAB	ADDR OF IATYRAB FOR THIS DSS
64	(40)	ADDRESS	4	DSSPBUFF	PROT BUFF ADR (INP REQ ONLY)
68	(44)	ADDRESS	4	DSSTCB	TCB ADDR ASSOCIATED WITH I/O
72	(48)	ADDRESS	4	DSSFRRPA	DATA MAN FRR PARM AREA ADDR
DSS Save Areas and Flags.					
76	(4C)	BITSTRING	6	DSSSPADR	SPOOL ADDRESS SAVE AREA
82	(52)	BITSTRING	6	DSSSPSAV	SPOOL ADDRESS SAVE AREA
88	(58)	BITSTRING	1	DSSTATAD	ADDR OF JBTAT FOR D.S. TAT
88	(58)	X'58'	0	DSSEWVAL	"DSSTATAD,4" VALIDATION FOR EXT WTR D.S.
94	(5E)	BITSTRING	1	DSSVIOER	I/O ERR FOR VAL ERROR
95	(5F)	BITSTRING	1	DSSFLAG7	Flag, bits shown below

Table 127. Structure DSSSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		Definition of DSSFLAG7 These flags pertain to spinoff processing of the JESMSGLG and JESYSMSG datasets. NOTE: The below flag definition must match that of flag byte JSPFLAG1 in IATYJLSP.			
		1...		DSSJMREQ	"X'80'" Request is for JESMSGLG
		.1..		DSSSMREQ	"X'40'" Request is for JESYSMSG
		..1.		DSSLINRQ	"X'20'" Request is for line count
		...1		DSSTINRQ	"X'10'" Request is for time interval
		.... 1...		DSSTODRQ	"X'08'" Request is for time of day
		.... .1..		DSSCMDRQ	"X'04'" Request is for op command
		.... ..1.		DSSFL702	"X'02'" Reserved for IBM
		1		DSSFL701	"X'01'" Reserved for IBM
96	(60)	SIGNED	4	DSSSAVE1	FIRST SAVE AREA
100	(64)	SIGNED	4	DSSSAVE2	SECOND SAVE AREA
104	(68)	SIGNED	2	DSSUBUFC	BUFF CNT AT SRB SCHED TIME
106	(6A)	CHARACTER	1	DSSFLAG0	FLAG BYTE, BITS SHOWN BELOW
		Definition of DSSFLAG0, data set status bits			
		1...		DSSREAD	"X'80'" Single rec file read allowed
		.1..		DSSROPUT	"X'40'" Reopen req from 'Put' rtn
		..1.		DSSSSIPT	"X'20'" SSI 'Put' request
		...1		DSSERROR	"X'10'" Uncorrectable i/o error occurred
		.... 1...		DSSSEPFM	"X'08'" Do separate FREEMAIN for TAT
		.... .1..		DSSCKPT	"X'04'" Checkpoint routine
		.... ..1.		DSSRS002	"X'02'" Reserved for service
		1		DSSNORL	"X'01'" New buffer needed for EOD
107	(6B)	CHARACTER	1	DSSFLAG1	FLAG BYTE, BITS SHOWN BELOW
		Definition of DSSFLAG1, data set status bits			
		1...		DSSSYSIN	"X'80'" Sysin data set
		.1..		DSSOLD	"X'40'" This is an old ds
		..1.		DSSSTCTS	"X'20'" STC or TSO int rdr
		...1		DSSINTRD	"X'10'" Ordinary INTRDR
		.... 1...		DSSSYOUT	"X'08'" Sysout data set
		.... .1..		DSSDSTAT	"X'04'" DS has a ds track alloc tble
		.... ..1.		DSSJESDS	"X'02'" Special jes d.s. (or system)
		1		DSSPRSYS	"X'01'" Process sysout data set
108	(6C)	CHARACTER	1	DSSFLAG2	FLAG BYTE, BITS SHOWN BELOW
		Definition of DSSFLAG2, data set status bits			
		1...		DSSCIDS	"X'80'" C/I data set - no MEMENTRY
		.1..		DSSENDRI	"X'40'" ENDREQ has been initiated
		..1.		DSSTRUNC	"X'20'" Count lines for a trunc proc
		...1		DSSENDRQ	"X'10'" ENDREQ received

Table 127. Structure DSSSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		DSSIOERR	"X'08'" I/O err recovery active
		.... .1..		DSSSPREQ	"X'04'" Specific req, no M.R rotate
		.... ..1.		DSSWRITE	"X'02'" Write data req'd
		1		DSSJNMSG	"X'01'" JOURNAL/JESYSMSG d/s
109	(6D)	CHARACTER	1	DSSFLAG3	FLAG BYTE, BITS SHOWN BELOW
		Definition of DSSFLAG3, data set status bits			
		1...		DSSOPEN	"X'80'" Data set is open
		.1..		DSSPUT	"X'40'" Put is allowed on dataset
		..1.		DSSGET	"X'20'" Get is allowed on dataset
		...1		DSSPRINT	"X'10'" Count lines for this DSS
		.... 1...		DSSPUNCH	"X'08'" Count cards for this DSS
		.... .1..		DSSCLOSO	"X'04'" Data set has been closed once 06522SUC
		.... ..1.		DSSRETRY	"X'02'" Retry SSISERV once
		1		DSSJDSE	"X'01'" JDS entry built by open
110	(6E)	CHARACTER	1	DSSFLAG4	FLAG BYTE, BITS SHOWN BELOW
		Definition of DSSFLAG4, data set status bits			
		1...		DSSFORPT	"X'80'" Move forward only for point
		.1..		DSSMAC	"X'40'" Machine carriage control
		..1.		DSSASA	"X'20'" ASA carriage control
		...1		DSSOPCDJ	"X'10'" OPTCD = J specified in JCL
		.... 1...		DSSRABSC	"X'08'" RAB disk addrs avail sched
		.... .1..		DSSBAKPT	"X'04'" Move backward only for point
		.... ..1.		DSSGETUP	"X'02'" Get update received for ds
		1		DSSMULTB	"X'01'" More than 2 buffers used for an input data set
111	(6F)	CHARACTER	1	DSSFLAG5	FLAG, BITS SHOWN BELOW
		Definition of DSSFLAG5, data set status bits			
		1...		DSSNDATA	"X'80'" On = no data in dataset
		.1..		DSSBINC	"X'40'" Buf in core on getup
		..1.		DSSNOABN	"X'20'" Prevent ABEND722 for system tasks (SYSLOG, BDT, Netserv)
		...1		DSSNOWT	"X'10'" Don't wait for I/O
		.... 1...		DSSSP722	"X'08'" Split record - don't 722
		.... .1..		DSSAB722	"X'04'" Force ABEND722
		.... ..1.		DSSFREE	"X'02'" DSS can be freed
		1		DSSPTCNV	"X'01'" RBA line is lolin relative
112	(70)	CHARACTER	1	DSSFLAG6	Flag, bits shown below
		DEFINITION OF DSSFLAG6			
		1...		DSSTSORC	"X'80'" Dataset for TSO Receive
		.1..		DSSRRECD	"X'40'" RRE completion check has been done for this DSS
		..1.		DSSSTDS	"X'20'" Subtask related data set

Table 127. Structure DSSSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		...1		DSSOTDES	"X'10'" DSS for output descriptor
		.... 1...		DSSEBPST	"X'08'" At least one PBUF freed in IATDMEBS
		.... .1..		DSSNOJOB	"X'04'" DSS has no job association
		.... ..1.		DSSUNRJB	"X'02'" DSS is being unallocated during return jobid processing
		1		DSSCTKN	"X'01'" A CTOKEN has been generated for this data set
113	(71)	CHARACTER	44	DSSDSNAM	DSNAME FOR PSO DATA SET (USED FOR UNALLOCATION)
157	(9D)	CHARACTER	83	DSSRTOKN	THE RTOKEN FOR PSO DATASETS 0130
240	(F0)	SIGNED	4	DSSPSTCB	TCB ADDRESS FOR PSO GET 0486 (USED TO DISTINGUISH 0486 DUPLICATE DSNAMES) 0486
	DSS Trace flags. NOTE: These flags must be serialized via compare and swap logic.				
244	(F4)	SIGNED	4	DSSTRCW1(0)	Trace Flag Word One
244	(F4)	BITSTRING	1	DSSTFLG1	DSS Trace Flag one
	Definition of DSSTFLG1.				
		1...		DSSPBUFQ	"X'80'" The DSS is on the PBUF wait queue (anchored from SVTPBUFQ)
		.1..		DSSSRBWQ	"X'40'" The DSS is on the SRB wait queue (anchored from IOPSRBWT)
		..1.		DSSRABWQ	"X'20'" The DSS is on the RAB wait 06522SUC queue (anchored from RABPOSTQ)
		...1		DSSTF110	"X'10'" Reserved for DSS queue flag
		.... 1...		DSSTF108	"X'08'" Reserved for DSS queue flag
244	(F4)	X'E0'	0	DSSONDSQ	"DSSPBUFQ+DSSSRBWQ+DSSRABWQ" The DSS is anchored from a DSS queue that uses DSSNXDSS as its chaining field.
		.... .1..		DSSTF104	"X'04'" Reserved for trace flag
		.... ..1.		DSSTF102	"X'02'" Reserved for trace flag
		1		DSSTF101	"X'01'" Reserved for trace flag
245	(F5)	BITSTRING	1	DSSTFLG2	Previous value of DSSTFLG1
246	(F6)	BITSTRING	1	DSSTFLG3	ADD_DSS caller id
	Definition of DSSTFLG3.				
246	(F6)	X'1'	0	DSSTEB01	"1" Trace id 1 from IATDMEBS 11485TAC
246	(F6)	X'2'	0	DSSTEB02	"2" Trace id 2 from IATDMEBS 11485TAC
246	(F6)	X'3'	0	DSSTEB03	"3" Trace id 3 from IATDMEB
246	(F6)	X'4'	0	DSSTEB04	"4" Trace id 4 from IATDMEB3 11485TAC
246	(F6)	X'5'	0	DSSTDK01	"5" Trace id 5 from IATDMDK
246	(F6)	X'6'	0	DSSTDK02	"6" Trace id 6 from IATDMDK
246	(F6)	X'7'	0	DSSTER01	"7" Trace id 7 from IATDMER
246	(F6)	X'8'	0	DSSTGR01	"8" Trace id 8 from IATDMGR
246	(F6)	X'9'	0	DSSTIT01	"9" Trace id 9 from IATDMIT
246	(F6)	X'A'	0	DSSTOD01	"10" Trace id 10 from IATSIOD

Table 127. Structure DSSSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
246	(F6)	X'B'	0	DSSTOR01	"11" Trace id 11 from IATSIOR
246	(F6)	X'C'	0	DSSTJS01	"12" Trace id 12 from IATGRJSM
247	(F7)	BITSTRING	1	DSSTFLG4	Previous value of DSSTFLG3
248	(F8)	SIGNED	4	DSSOTCB	TCB THAT GETMAINED THIS DSS
252	(FC)	SIGNED	4	DSSRSVDU	RESERVED FOR USER
256	(100)	SIGNED	4	DSSWORK(18)	DSS WORK/SAVE AREA
328	(148)	BITSTRING	1	DSSFLAG8	Flag, bits shown below
		Definition of DSSFLAG8			
		1...		DSSSPNEL	"X'80'" Dataset is eligible for JESMSGLG/JESYSMSG spinoff
		.1..		DSSJLSPN	"X'40'" JESlog (JESMSGLG/JESYSMSG) SPINOFF required
		..1.		DSSSPNAC	"X'20'" Spinoff processing in effect
		...1		DSSJLDFR	"X'10'" JESlog spinoff is deferred
		.... 1...		DSSNTSV	"X'08'" Netserv allocated dataset 07163SXC
		.... .1..		DSSSYSLG	"X'04'" This is a SYSLOG data set 12100S5C
		.... ..1.		DSSLGACT	"X'02'" Symbol Subst Logging active
		1		DSSFL801	"X'01'" Reserved for IBM
329	(149)	BITSTRING	1	DSSFLAG9	Flag, bits shown below
		Definition of DSSFLAG9			
		1...		DSSSPLBR	"X'80'" Spool browse data set
		.1..		DSSSBCTK	"X'40'" Spool browse with CTOKEN
		..1.		DSSSBJCL	"X'20'" Spool browse JCL data set
		...1		DSSSBPIN	"X'10'" Processing in-stream data
		.... 1...		DSSSBCBF	"X'08'" Spool browse with core-buf
		.... .1..		DSSCMSLK	"X'04'" CMS Lock held
		.... ..1.		DSSPNTFN	"X'02'" POINT function in progress 09715S2A
		1		DSSLOGBR	"X'01'" This is a spool browse request for SYSLOG
330	(14A)	BITSTRING	1	DSSTMPID	Temporary id used by EBSPB000 callers in IATDMEBx 11485TAC
331	(14B)	BITSTRING	1	DSSRSVD5	Reserved for development
332	(14C)	ADDRESS	4	DSSSYMBL	Address of SYMLIST symbol names
336	(150)	SIGNED	4	DSSRSVD3	Reserved for development
340	(154)	SIGNED	4	DSSRSVD4	Reserved for development
344	(158)	SIGNED	4	DSSRSVS2	Reserved for service
348	(15C)	SIGNED	4	DSSRSVS3	Reserved for service
352	(160)	SIGNED	4	DSSRSVS4	Reserved for service
356	(164)	SIGNED	4	DSSFEND(0)	END OF BLOCK
356	(164)	X'164'	0	DSSFSIZE	"DSSFEND-DSSSTART" SIZE OF BLOCK
356	(164)	X'14'	0	DSSCLRSZ	"DSSCLEAR,*-DSSCLEAR,C'X'" Size of DSS clear area

Table 128. Structure IATSYML

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATSYML	SYMLIST DSECT
0	(0)	CHARACTER	4	SYMLEYE	Eyecatcher
4	(4)	SIGNED	4	SYMLSIZE	Size of symbol list area
8	(8)	SIGNED	4	SYMLCNT	Count of symbols in area
12	(C)	CHARACTER	4	SYMLRSVD	Reserved
16	(10)	SIGNED	2	SYMLENT(0)	Start of 16 byte symbol names
16	(10)	X'10'	0	SYMLLEN	"*-IATSYML"

Table 129. Cross Reference for IATYDSS

Name	Offset	Hex Tag
DSSAB722	6F	4
DSSASA	6E	20
DSSASCB	38	
DSSBAKPT	6E	4
DSSBINC	6F	40
DSSCIDS	6C	80
DSSCKPT	6A	4
DSSCLEAR	14	
DSSCLOSI	18	4
DSSCLOSO	6D	4
DSSCLRSZ	164	14
DSSCMDRQ	5F	4
DSSCMSLK	149	4
DSSCTKN	70	1
DSSDMWT	18	40
DSSDSB	4	
DSSDSNAM	71	
DSSDSTAT	6B	4
DSSEBPST	70	8
DSSENDRI	6C	40
DSSENDRQ	6C	10
DSSERROR	6A	10
DSSEWVAL	58	58
DSSFEND	164	
DSSFIRST	20	26
DSSFLAG0	6A	
DSSFLAG1	6B	
DSSFLAG2	6C	
DSSFLAG3	6D	
DSSFLAG4	6E	
DSSFLAG5	6F	
DSSFLAG6	70	
DSSFLAG7	5F	
DSSFLAG8	148	
DSSFLAG9	149	

Table 129. Cross Reference for IATYDSS (continued)

Name	Offset	Hex Tag
DSSFL701	5F	1
DSSFL702	5F	2
DSSFL801	148	1
DSSFORPT	6E	80
DSSFREE	6F	2
DSSFREEQ	8	8
DSSFRRPA	48	
DSSFSIZE	164	164
DSSGET	6D	20
DSSGETUP	6E	2
DSSID	0	
DSSINTRD	6B	10
DSSIOCNT	18	1E
DSSIOERR	6C	8
DSSIOQ	18	1C
DSSJDSE	6D	1
DSSJESDS	6B	2
DSSJLDFR	148	10
DSSJLSPN	148	40
DSSJMREQ	5F	80
DSSJNMSG	6C	1
DSSLGACT	148	2
DSSLINRQ	5F	20
DSSLOGBR	149	1
DSSMAC	6E	40
DSSMEME	C	
DSSMEMQ	8	
DSSMULTB	6E	1
DSSNDATA	6F	80
DSSNEXT	20	32
DSSNOABN	6F	20
DSSNOJOB	70	4
DSSNOPST	18	10
DSSNORL	6A	1
DSSNOUBF	18	2
DSSNOWT	6F	10
DSSNTSV	148	8
DSSNXDSS	18	18
DSSOLD	6B	40
DSSONDSQ	F4	E0
DSSOPCDJ	6E	10
DSSOPEN	6D	80
DSSOTCB	F8	
DSSOTDES	70	10
DSSPBUFF	40	
DSSPBUFQ	F4	80

Table 129. Cross Reference for IATYDSS (continued)

Name	Offset	Hex Tag
DSSPNTFN	149	2
DSSPOINT	18	8
DSSPREQ	18	80
DSSPREV	20	2C
DSSPRINT	6D	10
DSSPRSYS	6B	1
DSSPSTCB	F0	
DSSPTCNV	6F	1
DSSPUNCH	6D	8
DSSPUT	6D	40
DSSQPRMS	18	0
DSSRAB	3C	
DSSRABSC	6E	8
DSSRABWQ	F4	20
DSSREAD	6A	80
DSSRECAD	20	
DSSRETRY	6D	2
DSSROPUT	6A	40
DSSRRECD	70	40
DSSRSVDU	FC	
DSSRSVD3	150	
DSSRSVD4	154	
DSSRSVD5	14B	
DSSRSVS1	14	
DSSRSVS2	158	
DSSRSVS3	15C	
DSSRSVS4	160	
DSSRSVW7	18	1
DSSRS002	6A	2
DSSRTOKN	9D	
DSSSAVE1	60	
DSSSAVE2	64	
DSSSBCBF	149	8
DSSSBCTK	149	40
DSSSBJCL	149	20
DSSSBPIN	149	10
DSSSEPFM	6A	8
DSSSMREQ	5F	40
DSSSPADR	4C	
DSSSPLBR	149	80
DSSSPMOD	20	20
DSSSPNAC	148	20
DSSSPNEL	148	80
DSSSPREC	20	22
DSSSPREQ	6C	4
DSSSPSAV	52	

Table 129. Cross Reference for IATYDSS (continued)

Name	Offset	Hex Tag
DSSSP722	6F	8
DSSSRBWQ	F4	40
DSSSSIPT	6A	20
DSSSSVT	10	
DSSSSWT	18	20
DSSSTART	0	
DSSSTCTS	6B	20
DSSSTDS	70	20
DSSSYMBL	14C	
DSSSYOUT	6B	8
DSSSYSIN	6B	80
DSSSYSLG	148	4
DSSTATAD	58	
DSSTCB	44	
DSSTDK01	F6	5
DSSTDK02	F6	6
DSSTEB01	F6	1
DSSTEB02	F6	2
DSSTEB03	F6	3
DSSTEB04	F6	4
DSSTER01	F6	7
DSSTFLG1	F4	
DSSTFLG2	F5	
DSSTFLG3	F6	
DSSTFLG4	F7	
DSSTF101	F4	1
DSSTF102	F4	2
DSSTF104	F4	4
DSSTF108	F4	8
DSSTF110	F4	10
DSSTGR01	F6	8
DSSTHIS	20	20
DSSTINRQ	5F	10
DSSTIT01	F6	9
DSSTJS01	F6	C
DSSTMPID	14A	
DSSTODRQ	5F	8
DSSTOD01	F6	A
DSSTOR01	F6	B
DSSTRCW1	F4	
DSSTRUNC	6C	20
DSSTSORC	70	80
DSSUBCNT	18	1D
DSSUBUFC	68	
DSSUNRJB	70	2
DSSVIOER	5E	

Table 129. Cross Reference for IATYDSS (continued)

Name	Offset	Hex Tag
DSSWFLAG	18	1C
DSSWORK	100	
DSSWRITE	6C	2
IATSYML	0	
SYMLCNT	8	
SYMLENT	10	
SYMLEYE	0	
SYMLLEN	10	10
SYMLRSVD	C	
SYMLSIZE	4	

IATYDST information

IATYDST programming interface information

IATYDST is a programming interface.

IATYDST heading information

Common name: JES3 DESTINATION CODES

Macro ID: IATYDST

DSECT name:

Owning component: JES3 (SC1BA)

Eye-catcher ID:

Storage attributes:

Size:

Created by: N/A

Pointed to by: N/A

Serialization: N/A

Function: This macro provides equated values which identify the JES3 destination codes for staging area transmission.
Dependencies- The values defined in the "Definition of DEST Q-ENTRY FLAG" section are dependent upon the DSQFLG values defined in IATYDSQ'S "Format of a QUEUE ENTRY" section.

IATYDST mapping

Table 130. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	X'3E'	0	DSTBDT	"62" BDT SUBSYSTEM
0	(0)	X'3F'	0	DSTBSHTL	"63" BDT SHUTTLE FOR STARS
0	(0)	X'80'	0	DSTMSV	"128" MAIN SERVICE
0	(0)	X'81'	0	DSTGMS	"129" GENERALIZED MAIN SCHEDULING
0	(0)	X'82'	0	DSTVER	"130" VERIFY
0	(0)	X'83'	0	DSTLOC	"131" LOCATE

Table 130. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	X'84'	0	DSTJDSE	"132" USER JDS ACCESS
0	(0)	X'85'	0	DSTUTRK	"133" USER TRACK ALLOCATION
0	(0)	X'86'	0	DSTC34	"134" CONSOLES SVC 34
0	(0)	X'87'	0	DSTCWTO	"135" CONSOLES WTO
0	(0)	X'88'	0	DSTCDOM	"136" CONSOLES DOM
0	(0)	X'89'	0	DSTMVRES	"137" MDS VERIFY RESPONSE
0	(0)	X'8A'	0	DSTWTD	"138" Work to Do Driver for Status Cancel and Validate proc
0	(0)	X'8B'	0	DSTSSQ1	"139" SSICS QUEUE 1
0	(0)	X'8C'	0	DSTSSQ2	"140" SSICS QUEUE 2
0	(0)	X'8D'	0	DSTENDR	"141" ENDREQ
0	(0)	X'8E'	0	DSTMDDR	"142" MODIFY DRIVER
0	(0)	X'8F'	0	DSTIQDR	"143" INQUIRY DRIVER
0	(0)	X'90'	0	DSTOUTPT	"144" Process SYSOUT Interface (PSO)
0	(0)	X'91'	0	DSTCNECT	"145" SYSTEM CONNECT POST
0	(0)	X'92'	0	DSTNOP	"146" ALT CTC RETRY
0	(0)	X'93'	0	DSTMSS	"147" MAIN SERVICE - MSS
0	(0)	X'94'	0	DSTSTAR	"148" STAGING AREA SHORTAGE
0	(0)	X'95'	0	DSTDYNAL	"149" DYNAL ALLOC QUEUE
0	(0)	X'96'	0	DSTDYNUN	"150" DYNAL UNALLOC QUEUE
0	(0)	X'97'	0	DSTDYDDN	"151" DYNAL CHANGE DDNAME Q
0	(0)	X'98'	0	DSTFSS	"152" COMMUNICATION FROM AN FSS - DESTQ ENTRY IS DYNAMIC
0	(0)	X'99'	0	DSTCIDRV	"153" CI DRIVER
0	(0)	X'9A'	0	DSTIOERR	"154" SPOOL I/O ERROR
0	(0)	X'9B'	0	DSTFFAIL	"155" FSS start failure
0	(0)	X'9C'	0	DSTRSVST	"156" First DST code reserved for service
0	(0)	X'9D'	0	DSTSAPI	"157" SYSOUT Application Programming Interface
0	(0)	X'9E'	0	DSTENST	"158" Enhanced Status
0	(0)	X'9F'	0	DSTWLM	"159" Workload Manager
0	(0)	X'A0'	0	DSTJMSG	"160" JESMSG Offload
0	(0)	X'A1'	0	DSTLMLC	"161" Local Module Load/Call
0	(0)	X'A2'	0	DSTTCSRV	"162" TCPIP Server Request
0	(0)	X'A3'	0	DSTJPC	"163" JES Properties: Classes
0	(0)	X'A4'	0	DSTJPI	"164" JES Properties: Initiators
0	(0)	X'A5'	0	DSTJPN	"165" JES Properties: Nodes
0	(0)	X'A6'	0	DSTJPS	"166" JES Properties: Spool Partition
0	(0)	X'A7'	0	DSTJPX	"167" JES Properties: JESplex
0	(0)	X'A8'	0	DSTSJF	"168" Scheduler JCL Facilities
0	(0)	X'A9'	0	DSTJDV	"169" JES Managed Devices
0	(0)	X'FF'	0	DSTSPWT	"255" Fake dest used to track 18119TAA spool waits via IATXSIAF 18119TAA 18119TAD

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OPTIONAL MODIFIER CODES
MGCR (SVC 34)
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Table 130. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		....		MODSVC34	"X'00'" INTERNAL SVC 34 REQUEST
		1		MODS34R	"X'01'" MULTIPLE SVC 34 REQUEST
		EQU X'02' Reserved for development			
		11		MODS34T	"X'03'" INTERNAL SVC 34 W/TOKEN D004
		.... .1..		MODS34TA	"X'04'" INTERNAL SVC 34 W/TOKEN AND AUTHORITY LEVEL
		...1		MODINTCM	"X'10'" ISSUE INTERCOM ON GLOBAL
		EQU X'11' Reserved for development EQU X'20' Reserved for development			
		WTO (SVC 35)			
		1		MODWTL	"X'01'" WRITE-TO-LOG MESSAGE
		.... ..1.		MODLCL35	"X'02'" WTO MESSAGE FROM LOCAL SYS
		11		MODGBL35	"X'03'" WTO MESSAGE FROM GLOBAL SYS
		DOM (SVC 87)			
		....		MODVSDOM	"X'00'" DOM FROM DOWNLEVEL VS
		1		MODJESDM	"X'01'" DOM FROM JES3 GLOBAL
		.... ..1.		MODVSCUR	"X'02'" DOM PROCESSED BY JES3 ADDR SP
		Inquiry/Modify modifier codes			
0	(0)	X'D4'	0	MODMSGR	"C'M'" INQUIRY/MODIFY MSG ROUTING
0	(0)	X'D6'	0	MODCNID	"C'O'" INQUIRY/MODIFY CONSOLE ID
0	(0)	X'D1'	0	MODJMF	"C'J'" INQUIRY JMF 431
0	(0)	X'D3'	0	MODNOJLG	"C'L' Modify JESMSGLG logging @WA24527"
0	(0)	X'D5'	0	MODJLSPN	"C'N'" *F J=nnnnn,SPIN
0	(0)	X'E2'	0	MODSRVCL	"C'S'" *F J=nnnnn,SRVCLASS=
0	(0)	X'D9'	0	MODRUN	"C'R'" *F J=nnnnn,RUN
0	(0)	X'E7'	0	MODXMOD	"C'X'" *I,X,M=modname
0	(0)	X'E3'	0	MODSCTRC	"C'T'" *F SOCKET=sock,xTRACE=
0	(0)	X'E5'	0	MODNVTRC	"C'V'" *F NETSERV=nsv,xTRACE=
0	(0)	X'C3'	0	MODCNCL	"C'C'" Job cancel via CALLRTM 07441SXA
		DSTENST modifier codes			
		1...		MODENST	"X'80'" Enhanced Status
		DSTJDSE modifier codes			
		....		MODJIB	"X'00'" JIB processing
		1		MODMJIB	"X'01'" MJIB processing
		.... ..1.		MODSYSL	"X'02'" SYSLOG timestamp processing 11353S5A
		MODSTS, MODCTS and MODVTS are associated with requests destined for DSTWTD processing			
		1...		MODSTS	"X'80'" WTD/Application Status

Table 130. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.1..		MODCTS	"X'40'" WTD/Application Cancel
		..1.		MODVTS	"X'20'" WTD/Application Validate destination
		MODRSYS and MODRWQE are associated with requests destined for DSTSAPI (SAPI) processing. This line deleted by APAR OW25634			
		1...		MODRSYS	"X'80'" SAPI request for SYSOUT
		.1..		MODRWQE	"X'40'" SAPI request for placing entry on wait queue
		MODETS and MODOTS are associated with requests destined for DSTOUTPT (PSO) processing.			
		..1.		MODETS	"X'20'" PSO hot wtr wait request 0091
		This line deleted by APAR OW25634			
		...1		MODOTS	"X'10'" PSO request for SYSOUT
		MODWQE is associated with DSTOUTPT and DSTSAPI processing but not used in SSISERV processing.			
		1111 1111		MODWQE	"X'FF'" PSO/SAPI wait queue entry
		1		MODR1	"X'01'" DEST TO IATMSR1
		.... ..1.		MODR2	"X'02'" DEST TO IATMSR2
		11		MODR3	"X'03'" DEST TO IATMSR3
		.... .1..		MODDSC	"X'04'" RESET LOCAL CONNECTED
		1		MODSASUS	"X'01'" SUSPEND-SA SHORTAGE
		.... ..1.		MODSARES	"X'02'" RESUME-SA SHORTAGE RELIEVED
		The following TCP/IP modifier codes (MODTxxxx) 07032SVC are associated with requests destined for DSTTCSRV processing.			
		1		MODTCNIR	"X'01'" Node information request
		.... ..1.		MODTCSUP	"X'02'" TCPIP Server Status Update
		11		MODTCINN	"X'03'" TCPIP Inbound NMR
		.... .1..		MODTRLSE	"X'04'" Release TCPIP network job
		.... .1.1		MODTHOLD	"X'05'" Hold TCPIP network job
		.... .11.		MODTDELE	"X'06'" Delete TCP/IP network job 07032SVA
		DEFINITION OF DEST Q-ENTRY FLAG			
		.1..		DSTACT	"X'40'" THIS Q-ENTRY IS ACTIVE
		...1		DSTMDSQ	"X'10'" THIS Q-ENTRY IS AN MDSQ

Table 131. Cross Reference for IATYDST

Name	Offset	Hex Tag
DSTACT	0	40
DSTBDT	0	3E
DSTBSHTL	0	3F
DSTCDOM	0	88

Table 131. Cross Reference for IATYDST (continued)

Name	Offset	Hex Tag
DSTCIDRV	0	99
DSTCNECT	0	91
DSTCWTO	0	87
DSTC34	0	86
DSTDYDDN	0	97
DSTDYNAL	0	95
DSTDYNUN	0	96
DSTENDR	0	8D
DSTENST	0	9E
DSTFFAIL	0	9B
DSTFSS	0	98
DSTGMS	0	81
DSTIOERR	0	9A
DSTIQDR	0	8F
DSTJDSE	0	84
DSTJDV	0	A9
DSTJMSG	0	A0
DSTJPC	0	A3
DSTJPI	0	A4
DSTJPN	0	A5
DSTJPS	0	A6
DSTJPX	0	A7
DSTLMLC	0	A1
DSTLOC	0	83
DSTMDDR	0	8E
DSTMDSQ	0	10
DSTMSS	0	93
DSTMSV	0	80
DSTMVRES	0	89
DSTNOP	0	92
DSTOUTPT	0	90
DSTRSVST	0	9C
DSTSAPI	0	9D
DSTSJF	0	A8
DSTSPWT	0	FF
DSTSSQ1	0	8B
DSTSSQ2	0	8C
DSTSTAR	0	94
DSTTCSRV	0	A2
DSTUTRK	0	85
DSTVER	0	82
DSTWLM	0	9F
DSTWTD	0	8A
MODCNCL	0	C3
MODCNID	0	D6
MODCTS	0	40

Table 131. Cross Reference for IATYDST (continued)

Name	Offset	Hex Tag
MODDSC	0	4
MODENST	0	80
MODETS	0	20
MODGBL35	0	3
MODINTCM	0	10
MODJESDM	0	1
MODJIB	0	0
MODJLSPN	0	D5
MODJMF	0	D1
MODLCL35	0	2
MODMJIB	0	1
MODMSGR	0	D4
MODNOJLG	0	D3
MODNVTRC	0	E5
MODOTS	0	10
MODRSYS	0	80
MODRUN	0	D9
MODRWQE	0	40
MODR1	0	1
MODR2	0	2
MODR3	0	3
MODSARES	0	2
MODSASUS	0	1
MODSCTRC	0	E3
MODSRVCL	0	E2
MODSTS	0	80
MODSVC34	0	0
MODSYSL	0	2
MODS34R	0	1
MODS34T	0	3
MODS34TA	0	4
MODTCINN	0	3
MODTCNIR	0	1
MODTCSUP	0	2
MODTDELE	0	6
MODTHOLD	0	5
MODTRLSE	0	4
MODVSCUR	0	2
MODVSDOM	0	0
MODVTS	0	20
MODWQE	0	FF
MODWTL	0	1
MODXMOD	0	E7

IATYDTR information

IATYDTR heading information

Common name:	DLOG Trace Table Header and Entry
Macro ID:	IATYDTR
DSECT name:	DTRSTART
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	DTR Offset: 0 Length: 4
Storage attributes:	Main Storage: Any Subpool: 241 Key: 1
Size:	DTRHSIZE for DSECT DTRHEADR DTRFSIZE for DSECT DTRENTRY DTREVSIZ for DSECT DTREVDAT
Created by:	IATXDLTR macro
Pointed to by:	DLGTRACE in IATYDLOG DTRCURR in IATYDTR DTRNEXT in IATYDTR
Serialization:	NONE
Function:	This macro maps the DLOG trace table header and entries.

IATYDTR mapping

Table 132. Structure DTRHEADR

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	DTRHEADR	, DLOG Trace Table Header
0	(0)	CHARACTER	4	DTRID	Control block id
0	(0)	X'F1'	0	DTRSPOOL	"241" Trace table subpool
4	(4)	ADDRESS	4	DTRSSVT	SSVT address
		Trace table control information.			
8	(8)	ADDRESS	4	DTRCURR	Current trace table entry. That is, the last one that was created (set to zero initially)
12	(C)	ADDRESS	4	DTRNEXT	Next trace table entry to be used
16	(10)	ADDRESS	4	DTRTBEND	End of trace table address (contains address of byte after the end of the trace table storage)
20	(14)	SIGNED	4	DTRMISS	Number of trace misses (updated via compare and swap)
24	(18)	BITSTRING	1	DTRLOCK	Trace table lock (via test and set)
25	(19)	BITSTRING	3	DTRRSVDD	Reserved for development
		IATXTRC Work Area. This work area contains a copy of the trace entry for the IATXTRC macro. Enough space is reserved for the largest possible trace entry. This is necessary since the IATXTRC macro does not support a variable length being specified on the macro call.			
28	(1C)	BITSTRING	1	DTRXTCWK	IATXTRC Work Area
28	(1C)	X'1B'	0	DTRXTCSZ	"L'DTRXTCWK/4" Size of work area in words

Table 132. Structure DTRHEADR (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		Address of DLOG Trace routine (IATCNDTR).			
140	(8C)	ADDRESS	4	DTRCNDTR	Address of DLOG Trace routine (IATCNDTR)
144	(90)	DBL WORD	8	DTRHEND(0)	End of trace table header
144	(90)	X'90'	0	DTRHSIZE	"DTRHEND-DTRHEADR" Size of trace table header
		Start of DLOG trace table. Each entry is mapped by DSECT DTRENTRY.			
144	(90)	DBL WORD	8	DTRTRACE(0)	Start of trace table

Table 133. Structure DTRENTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	DTRENTRY	, DLOG Trace Table Entry
		Control information.			
0	(0)	SIGNED	2	DTRPREV	Offset of the previous trace entry from the start of the trace table header
2	(2)	SIGNED	2	DTRLEN	Length of this trace table entry
		Data Common to All Entries.			
4	(4)	SIGNED	4	DTRCDATA(0)	Start of Common Data
4	(4)	CHARACTER	8	DTRFUNC	Function in control
12	(C)	CHARACTER	8	DTREVENT	Event identifiers
20	(14)	BITSTRING	8	DTRTIME	Time stamp from STCK
28	(1C)	ADDRESS	4	DTRFCT	FCT address if running under the JES3 nuc task
32	(20)	ADDRESS	4	DTRTCB	TCB address
36	(24)	SIGNED	2	DTRASID	Address space id
38	(26)	BITSTRING	4	DTRDFLGS	DLOG flags (from DLGFLAGS)
42	(2A)	SIGNED	2	DTRRSVD1	Reserved for development
		End of fixed trace table entry.			
44	(2C)	SIGNED	4	DTRFEND(0)	End of fixed entry
44	(2C)	X'2C'	0	DTRFSIZE	"DTRFEND-DTRENTRY" Size of fixed entry

Table 134. Structure DTREVDAT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	DTREVDAT	, Event Specific Data
		EVENT=SYSMEMEV Specific Data.			
0	(0)	ADDRESS	4	DTRSMMPC	MPC address
4	(4)	BITSTRING	4	DTRGEFLG	Flags from GEPLFLGS - contains event type, old and new member states etc.

Table 134. Structure DTREVDAT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
8	(8)	BITSTRING	8	DTRGETIM	XCF Time stamp associated with the event
16	(10)	BITSTRING	32	DTRUSTAT	User state value
16	(10)	X'30'	0	DTRSMESZ	"*-DTREVDAT" Size of event data
EVENT=JESXCFEV Specific Data.					
0	(0)	BITSTRING	1	DTRJXTYP	Event type from YIXJE_TYPE
1	(1)	BITSTRING	3	DTRJXCRS	Reserved for development
1	(1)	X'4'	0	DTRJXCSZ	"*-DTREVDAT" Size of event data
EVENT=INFOMSG Specific Data.					
0	(0)	BITSTRING	1	DTRMSTAT	Member status from YIXIF_MEMBER_STATUS
1	(1)	BITSTRING	3	DTRINFRS	Reserved for development
1	(1)	X'4'	0	DTRINFSZ	"*-DTREVDAT" Size of event data
EVENT=WTLSUSPD Specific Data.					
0	(0)	SIGNED	4	DTRWTLRC	WTL return code
4	(4)	SIGNED	4	DTRWTLRS	WTL reason code
8	(8)	ADDRESS	4	DTRSUMSG	Address of message pointer cell involved in the suspend request
12	(C)	ADDRESS	4	DTRSUMDB	Address of MDB involved in the suspend request
16	(10)	SIGNED	4	DTRSUMAL	ALET of MDB involved in the suspend request
16	(10)	X'14'	0	DTRSUSSZ	"*-DTREVDAT" Size of event data
EVENT=WTLRESUM Specific Data.					
0	(0)	ADDRESS	4	DTRRSMSG	Address of message pointer cell involved in the resume request
4	(4)	ADDRESS	4	DTRRSMDB	Address of MDB involved in the resume request
8	(8)	SIGNED	4	DTRRSMAL	ALET of MDB involved in the resume request
8	(8)	X'C'	0	DTRRESSZ	"*-DTREVDAT" Size of event data
EVENT=ALERT Specific Data.					
0	(0)	CHARACTER	8	DTRALTYP	Alert type
8	(8)	BITSTRING	4	DTRALSTA	Alert status information from console status area (MCSCQSTA)
12	(C)	SIGNED	4	DTRALRV1	Reserved for IBM
16	(10)	SIGNED	4	DTRALRV2	Reserved for IBM
20	(14)	SIGNED	4	DTRALMXM	Maximum message queue depth from console status area (MCSCPDEP)
24	(18)	SIGNED	4	DTRALTOM	Total message queue depth from console status area (MCSCTDEP)
28	(1C)	SIGNED	4	DTRALDOM	DOM id for message that was issued or deleted
28	(1C)	X'20'	0	DTRALRSZ	"*-DTREVDAT" Size of event data

Table 134. Structure DTREVDAT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		EVENT=ALERTEND Specific Data.			
0	(0)	CHARACTER	8	DTRAETYP	Alert end type
8	(8)	BITSTRING	4	DTRAESTA	Alert status information from console status area (MCSCQSTA)
12	(C)	SIGNED	4	DTRAERV1	Reserved for IBM
16	(10)	SIGNED	4	DTRAERV2	Reserved for IBM
20	(14)	SIGNED	4	DTRAEMXM	Maximum message queue depth from console status area (MCSCPDEP)
24	(18)	SIGNED	4	DTRAETOM	Total message queue depth from console status area (MCSCTDEP)
28	(1C)	SIGNED	4	DTRAEMRC	MCSOPMSG RESUME return code if MCSOPMSG was issued
32	(20)	SIGNED	4	DTRAEMRS	MCSOPMSG RESUME reason code if MCSOPMSG was issued
32	(20)	X'24'	0	DTRAENSZ	"*-DTREVDAT" Size of event data
		Event Specific Data for CALLER=RESMGR related events.			
0	(0)	CHARACTER	4	DTRRMTYP	RESMGR type (TASK or ADDR)
4	(4)	BITSTRING	1	DTRRMFLG	RESMGR flags from field RMPLFLG1 in IHARMPL)
5	(5)	BITSTRING	3	DTRRMRSV	Reserved for development
5	(5)	X'8'	0	DTRRMGSZ	"*-DTREVDAT" Size of event data
		Max size of event specific data.			
64	(40)	X'40'	0	DTREVSIZ	"*-DTREVDAT" Max size of event data
		Trace Table Related Equates.			
64	(40)	X'6C'	0	DTRMAXSZ	"DTRFSIZE+DTREVSIZ" Max trace table entry size
64	(40)	X'20'	0	DTRCOUNT	"32" Number of entries in trace table
64	(40)	X'D80'	0	DTRTOTSZ	"DTRMAXSZ*DTRCOUNT" Total size of trace table entries
		Function codes used by the IATXDLTR macro.			
64	(40)	X'1'	0	DTRTRINT	"1" FUNC=INIT specified
64	(40)	X'2'	0	DTRTRTRC	"2" FUNC=TRACE specified
64	(40)	X'2'	0	DTRTRFMX	"2" Maximum function code

Table 135. Cross Reference for IATYDTR

Name	Offset	Hex Tag
DTRAEMRC	1C	0
DTRAEMRS	20	0
DTRAEMXM	14	0
DTRAENSZ	20	24
DTRAERV1	C	0
DTRAERV2	10	0
DTRAESTA	8	0

Table 135. Cross Reference for IATYDTR (continued)

Name	Offset	Hex Tag
DTRAETOM	18	0
DTRAETYP	0	40404040
DTRALDOM	1C	0
DTRALMXM	14	0
DTRALRSZ	1C	20
DTRALRV1	C	0
DTRALRV2	10	0
DTRALSTA	8	0
DTRALTOM	18	0
DTRALTYP	0	40404040
DTRASID	24	0
DTRCDATA	4	
DTRCNDTR	8C	
DTRCOUNT	40	20
DTRCURR	8	
DTRDFLGS	26	0
DTRENTRY	0	
DTREVDAT	0	
DTREVENT	C	40404040
DTREVSIZ	40	40
DTRFCT	1C	
DTRFEND	2C	
DTRFSIZE	2C	2C
DTRFUNC	4	40404040
DTRGEFLG	4	0
DTRGETIM	8	0
DTRHEADR	0	
DTRHEND	90	
DTRHSIZE	90	90
DTRID	0	C4E3D940
DTRINFRS	1	0
DTRINFSZ	1	4
DTRJXCRS	1	0
DTRJXCSZ	1	4
DTRJXTYP	0	0
DTRLEN	2	0
DTRLOCK	18	0
DTRMAXSZ	40	6C
DTRMISS	14	0
DTRMSTAT	0	0
DTRNEXT	C	
DTRPREV	0	0
DTRRESSZ	8	C
DTRRMFLG	4	0
DTRRMGSZ	5	8
DTRRMRSV	5	0

Table 135. Cross Reference for IATYDTR (continued)

Name	Offset	Hex Tag
DTRRMTYP	0	40404040
DTRRSMAL	8	0
DTRRSMDB	4	
DTRRSMSG	0	
DTRRSVDD	19	0
DTRRSVD1	2A	0
DTRSMESZ	10	30
DTRSMMPC	0	
DTRSPOOL	0	F1
DTRSSVT	4	
DTRSUMAL	10	0
DTRSUMDB	C	
DTRSUMSG	8	
DTRSUSSZ	10	14
DTRTBEND	10	
DTRTCB	20	
DTRTIME	14	0
DTRTOTSZ	40	D80
DTRTRACE	90	
DTRTRFMX	40	2
DTRTRINT	40	1
DTRTRTRC	40	2
DTRUSTAT	10	0
DTRWTLRC	0	0
DTRWTLRS	4	0
DTRXTCSZ	1C	1B
DTRXTCWK	1C	0

IATYDUL information

IATYDUL heading information

Common name: MAPPING FOR THE DUMP LIST AND ITS ENTRIES

Macro ID: IATYDUL

DSECT name: DULSTART, DULENTRY

Owning component: JES3 (SC1BA)

Eye-catcher ID: DUL
Offset: 0
Length: 4

Storage attributes: Main Storage: SUBPOOL 231
Auxiliary Storage: N/A

Size: 816 Bytes

Created by: IATGRSQ

Pointed to by: SVTDULST IN IATYSVT

Serialization: DULFLAG1 must be tested against DULCOMPL before being used. If this bit is set, dump list is available for use.

Function: Contains the beginning and ending addresses of JES3 storage areas that reside in CSA, created in a form suitable for use by SDUMP.

IATYDUL mapping

Table 136. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

Table 137. Structure DULSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	DULSTART	
0	(0)	CHARACTER	4	DULID	CONTROL BLOCK ID
4	(4)	ADDRESS	4	DULLAST	ADDRESS OF LAST ENTRY IN USE
8	(8)	ADDRESS	4	DULLEND	ADDRESS OF THE LAST POSSIBLE ENTRY IN THE DUMP LIST
12	(C)	BITSTRING	1	DULFLAG1	FLAG FOR SERIALIZATION
13	(D)	BITSTRING	1	(3)	RESERVED
		1...		DULCOMPL	"X'80'" DUMP LIST AVAILABLE FOR USE

```
                                                        15871T7A
                                                        15871T7A
    Start of the list for LIST64 parameter on SDUMPX 15871T7A
    invocation. 15871T7A
                                                        15871T7A
                                                        15871T7A
```

16	(10)	DBL WORD	8	DULIST64(0)	15871T7A
16	(10)	SIGNED	4	DULLEN	Length of the list 15871T7A
20	(14)	BITSTRING	8	DULSTOKN	JES3 STOKEN 15871T7A
28	(1C)	SIGNED	4	DULRNGE#	Number of ranges 15871T7A
28	(1C)	X'20'	0	DULHSIZE	"*-DULSTART" SIZE OF DUMP LIST HEADER
28	(1C)	X'64'	0	DULNUM	"100" NUMBER OF DUMP LIST ENTRIES
32	(20)	BITSTRING	1	DULENTS	DUMP LIST ENTRIES
32	(20)	X'660'	0	DULSIZE	"*-DULSTART" SIZE OF THE DUMP LIST

Table 138. Structure DULENTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	DULENTRY	
0	(0)	ADDRESS	8	DULEBEGN	Address of start of storage TO BE DUMPED
8	(8)	ADDRESS	8	DULEEND	Address of end of storage TO BE DUMPED 4#15871T7D
8	(8)	X'10'	0	DULESIZE	"*-DULENTRY" SIZE OF A DUMP LIST ENTRY

Table 139. Cross Reference for IATYDUL

Name	Offset	Hex Tag
DULCOMPL	D	80
DULEBEGN	0	
DULEEND	8	
DULENTRY	0	

Table 139. Cross Reference for IATYDUL (continued)

Name	Offset	Hex Tag
DULENTS	20	
DULESIZE	8	10
DULFLAG1	C	
DULHSIZE	1C	20
DULID	0	C4E4D340
DULIST64	10	
DULLAST	4	
DULLEN	10	
DULLEND	8	
DULNUM	1C	64
DULRNGE#	1C	
DULSIZE	20	660
DULSTART	0	
DULSTOKN	14	

IATYDUM information

IATYDUM programming interface information

IATYDUM is a programming interface.

IATYDUM heading information

Common name: USER COMPLETION CODES ISSUED BY JES3 IN OS ABENDS

Macro ID: IATYDUM

DSECT name: None

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes:
Main Storage: N/A
Virtual Storage: N/A
Auxiliary Storage: N/A
Subpool: N/A
Key: N/A
Data Space: N/A
Residency: N/A

Size: N/A

Created by: N/A

Pointed to by: N/A

Serialization: N/A

Function: EQU statements make the symbols of ABEND numbers more meaningful.

IATYDUM mapping

Table 140. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	X'0'	0	DUMP000	"0" IATINIC- NEEDED DATA SET DID NOT OPEN
0	(0)	X'1'	0	DUMP001	"1" IATINIC,INCD- FATAL ERROR IN INIT DECK

Table 140. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	X'2'	0	DUMP002	"2" IATINRN- GETMAIN FAILURE IN INITIALIZATION
0	(0)	X'3'	0	DUMP003	"3" IATINGN- SPOOL/CHKPNT DATA SETS NO MATCH
0	(0)	X'4'	0	DUMP004	"4" IATINJB- FATAL ERROR IN INIT DECK ANALYSIS
0	(0)	X'5'	0	DUMP005	"5" IATINRN- DUMP ON INTDEBUG TEXT MATCH
0	(0)	X'6'	0	DUMP006	"6" IATINAL- ERROR IN CHECKPOINTED STT JBTAT
0	(0)	X'7'	0	DUMP007	"7" IATINIT- ESTAE FAILURE, R7=ESTAE RTRN CODE
0	(0)	X'8'	0	DUMP008	"8" - Take a dump and terminate JES3 0051 (currently not used by JES3) 0051
0	(0)	X'9'	0	DUMP009	"9" IATCNIN- OPERATOR-INITIATED VIA *RETURN
0	(0)	X'A'	0	DUMP010	"10" IATIN - INISH TERMINATED - 2FB/ NODUMP
0	(0)	X'B'	0	DUMP011	"11" IATINSD/IATINSE/IATINSP/IATINSR/ IATINST - SPOOL CHECKPOINT ERROR
0	(0)	X'C'	0	DUMP012	"12" IATINJQ/IATINJR/IATINSD/IATINSP/ IATINSR - ERROR IN SPOOL CKPNT VALIDATION
0	(0)	X'D'	0	DUMP013	"13" IATINM4- INVL CSA ON RESTRT (MSGIAT3417)
0	(0)	X'E'	0	DUMP014	"14" IATSSJS- ERROR IN JSERV STAGING AREA
0	(0)	X'F'	0	DUMP015	"15" IATINSD- THE IATYIOP IS INVALID.
0	(0)	X'10'	0	DUMP016	"16" IATINM3- INVALID JES3 AUX ADDR SPACE INIT
0	(0)	X'11'	0	DUMP017	"17" IATINRT- INITIALIZATION FILE(S) UNAVAILABLE
0	(0)	X'12'	0	DUMP018	"18" IATINWS-ERROR BUILDING WSB
0	(0)	X'13'	0	DUMP019	"19" IATINIC- INISH deck mismatch between global and local
0	(0)	X'14'	0	DUMP020	"20" IATINDVS - Internal error in the IATXIDVS service
0	(0)	X'15'	0	DUMP021	"21" IATINIO- IATXBPL failed for FD cell pool 0008
0	(0)	X'16'	0	DUMP022	"22" IATDMVR- SPOOL FORMATTING ERROR RETRY FAILURE
0	(0)	X'17'	0	DUMP023	"23" IATINJB- CHECKPOINT DATASET RESERVE FAILED
0	(0)	X'18'	0	DUMP024	"24" IATINC2- CELL POOL BUILD ERROR
0	(0)	X'19'	0	DUMP025	"25" IATINJQ- While building the job queue at initialization, errors were discovered as a result of which the operator was given a choice to continue or cancel, and replied to cancel; or function was detected to have been in use on a higher JES3 release that is not compatible with this release and no toleration is possible.
0	(0)	X'1A'	0	DUMP026	"26" IATINMPC- MAINPROC validation error during a hot start with refresh
0	(0)	X'1C'	0	DUMP028	"28" IATISFR- CANT REBUILD FRP CHAIN AFTR IO ER

Table 140. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	X'1D'	0	DUMP029	"29" IATISDV -Error when building RCE/CSBT/JET
0	(0)	X'1E'	0	DUMP030	"30" IATISDV -INVALID JDS CONSTRUCTION
0	(0)	X'1F'	0	DUMP031	"31" IATGRRQ - INVAL NAME GIVEN RES MGMT
0	(0)	X'20'	0	DUMP032	"32" IATAUX - UNABLE TO CREATE AUX TASK ESTAES
0	(0)	X'21'	0	DUMP033	"33" IATABMN - RETRY DSP AFTER IATAUX ABEND
0	(0)	X'22'	0	DUMP034	"34" IATINJV/IATINLG - UNRECOVERABLE INIT. JOB VALIDATION ERROR
0	(0)	X'23'	0	DUMP035	"35" IATDMJV/IATINJV - IATXVMSG/ IATXVSRE PARAMETER ERROR
0	(0)	X'24'	0	DUMP036	"36" IATDMJV - IATXVSRV PARAMETER ERROR
0	(0)	X'25'	0	DUMP037	"37" IATDMVIO - IATXVIO related error
0	(0)	X'28'	0	DUMP040	"40" IATGRPR-INVALID SIZE IN IATXPRT
0	(0)	X'2D'	0	DUMP045	"45" IATGRRQ- RES QUEUE MANAGEMENT ERRORS
0	(0)	X'2E'	0	DUMP046	"46" IATGRJA- JDS ACCESS VIA CSBT FAILED
0	(0)	X'2F'	0	DUMP047	"47" IATOSSO- INACCESSIBLE JCT FOR UPDATE R=1 IATOSSO- INACCESSIBLE JCT FOR UPDATE R=2
0	(0)	X'30'	0	DUMP048	"48" IATGRJM- JESMSG JDS ACCESS ERRORS
0	(0)	X'31'	0	DUMP049	"49" IATGRG1- XPRT ISSUED WITHOUT TYPE=OPEN
0	(0)	X'32'	0	DUMP050	"50" IATGRTM- ERROR PROCESSING AN ATIME REQUEST
0	(0)	X'33'	0	DUMP051	"51" IATGRJR- RTN TO IATGRJR WITH OUTSTANDING SAVEAREAS
0	(0)	X'34'	0	DUMP052	"52" IATGRWQ/IATGRWP - INVALID IATUX30 RETURN
0	(0)	X'35'	0	DUMP053	"53" IATGRTM- ERROR WHILE TIMER FCT WAS PROCESSING EXPIRED ATIME REQUEST
0	(0)	X'36'	0	DUMP054	"54" IATGRG1- IATXJLOK DETECTED A LOCK ERROR
0	(0)	X'37'	0	DUMP055	"55" IATINDEV-Error during IATXSYSU processing
0	(0)	X'3C'	0	DUMP060	"60" IATGRCK- CHECKPOINT ACCESS VIOLATION
0	(0)	X'50'	0	DUMP080	"80" IATGRLD- CANNOT LOAD MODULE
0	(0)	X'51'	0	DUMP081	"81" IATGRLD- UNABLE TO BLDL FOR MODULE'S SIZE
0	(0)	X'52'	0	DUMP082	"82" IATGRLD- JDE NOT FOUND ON DELETE
0	(0)	X'53'	0	DUMP083	"83" IATGRLD- UNABLE TO GETMAIN FOR MODULE
0	(0)	X'54'	0	DUMP084	"84" IATGRLD- DELETE SYNCHRONIZATION ERROR
0	(0)	X'55'	0	DUMP085	"85" IATGROP-JESOPEN ISSUED FOR SNA DEVICE
0	(0)	X'56'	0	DUMP086	"86" IATGRLD- INVALID DELETE REQUEST
0	(0)	X'59'	0	DUMP089	"89" IATOSWC- CANNOT FIND SE IN IATYJDA

Table 140. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	X'5A'	0	DUMP090	"90" IATGRLG- CANNOT FIND SE IN IATYJDA FOR LOGOUT
0	(0)	X'5B'	0	DUMP091	"91" IATGRLG- FUNCTION IS NOT LOGGED IN - CANNOT LOGOUT
0	(0)	X'5C'	0	DUMP092	"92" IATGRLG- FCTRQAD ZERO ON LOGOUT #0514
0	(0)	X'62'	0	DUMP098	"98" Any DSP- Error in DSPSERV for a data space
0	(0)	X'63'	0	DUMP099	"99" Any DSP- Error in ALESERV for a data space
0	(0)	X'64'	0	DUMP100	"100" ANYDSP - AN ERROR CONDITION HAS BEEN #2369 DETECTED WHICH SHOULD NOT OCCUR #2369
0	(0)	X'65'	0	DUMP101	"101" ANYDSP - BUILD CELLPOOL (IATXBPL) ERROR
0	(0)	X'66'	0	DUMP102	"102" ANYDSP - GET CELL (IATXGCL) ERROR
0	(0)	X'67'	0	DUMP103	"103" ANYDSP - FREE CELL (IATXRCL) ERROR
0	(0)	X'69'	0	DUMP105	"105" ANYDSP - ERROR PROCESSING IATXCNS MACRO
0	(0)	X'6A'	0	DUMP106	"106" ANYDSP - ERROR RETURN FROM IATXPRMD
0	(0)	X'6B'	0	DUMP107	"107" IATXJMR - ERROR OCCURRED DURING GET/PUT
0	(0)	X'6F'	0	DUMP111	"111" IATLVIN- UNRECOVERABLE ERROR IN JESTAE
0	(0)	X'83'	0	DUMP131	"131" IATCNIN- DSP MESSAGE APPENDAGE ABENDED
0	(0)	X'84'	0	DUMP132	"132" IATCNWO- BAD MESSAGE PARAMETERS
0	(0)	X'85'	0	DUMP133	"133" IATCNIN- DSP TERMINATED VIA OPERATOR FAIL COMMAND
0	(0)	X'86'	0	DUMP134	"134" IATGRMON - FCT terminated by the Loop 0051 monitor 0051
0	(0)	X'87'	0	DUMP135	"135" IATCNCN- UNABLE TO ACCESS CONSOLE BUFFER MANAGEMENT CELL POOLS
0	(0)	X'89'	0	DUMP137	"137" IATCNIN- Operator issued *DUMP command 0051
0	(0)	X'8C'	0	DUMP140	"140" IATGRSV- S.A. GETMAIN FAILED
0	(0)	X'8D'	0	DUMP141	"141" IATGRGM- INVALID AGETMAIN REQUEST
0	(0)	X'8E'	0	DUMP142	"142" IATGRGM- APUTMAIN REQUEST NOT DBLEWORD ALIGN
0	(0)	X'8F'	0	DUMP143	"143" IATGRGM- APUTMAIN RESULTED IN FREEMAIN ERR RTN
0	(0)	X'90'	0	DUMP144	"144" IATGRGS- INVALID SUBTASK ID OR UNABLE TO ATTACH GENERALIZED SUBTASK
0	(0)	X'91'	0	DUMP145	"145" IATGRGM- APUTMAIN LENGTH/AREA ARE ZERO 0100
0	(0)	X'92'	0	DUMP146	"146" IATGRGS- SUBFUNCTION ABEND
0	(0)	X'93'	0	DUMP147	"147" IATGRGS- SUBTASK CANCELED
0	(0)	X'C8'	0	DUMP200	"200" IATIICC- RAB CREATE OR JDSGET ERROR OR Instream data set operation IATIIDR- RAB DESTROY ERROR
0	(0)	X'C9'	0	DUMP201	"201" IATINAT/IATLVAT/IATMDAT - INVALID ENTRY PARAMETERS

Table 140. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	X'CA'	0	DUMP202	"202" IATIICD/IATIIFR/IATIIFS - CI DRIVER FCT RELATED ERROR
0	(0)	X'CB'	0	DUMP203	"203" IATIIOR- IATXCIO UNRECOVERABLE ERROR
0	(0)	X'CC'	0	DUMP204	"204" IATINAT- ALL C/I SUBTASKS HAVE ABENDED
0	(0)	X'CD'	0	DUMP205	"205" IATIIFP- ERROR WHILE PROCESSING PROCLIB ORDERS (FSS ADDRESS SPACE)
0	(0)	X'CE'	0	DUMP206	"206" IATOSPC/IATOSSO/IATOSWS- ERROR IN MOSE/OSS STRUCTURE
0	(0)	X'CF'	0	DUMP207	"207" IATINFC/IATIIFC ERROR DETECTED BY C/I FSS
0	(0)	X'D1'	0	DUMP209	"209" IATIIOS/IATIICM - ERROR RETURN FROM SJF 3106
0	(0)	X'D2'	0	DUMP210	"210" IATMOOI - damaged OSS/MOSE found
0	(0)	X'12C'	0	DUMP300	"300" IATDYDR/IIDS/IIEN - INVALID ELB CONTROL BLOCK
0	(0)	X'12D'	0	DUMP301	"301" IATDYDR- IATXIOX COULD NOT FIND ECF POST
0	(0)	X'12E'	0	DUMP302	"302" IATDYSB- JCT ERROR DURING RECOVERY
0	(0)	X'12F'	0	DUMP303	"303" IATDYDR/DYSB- INVALID DJST CONTROL BLOCK
0	(0)	X'130'	0	DUMP304	"304" IATDYDR- JESMSG ERROR DURING ALLOCATION #0514
0	(0)	X'132'	0	DUMP306	"306" IATDYSB- ILLEGAL USE/ALLOCATION PARAMETER
0	(0)	X'133'	0	DUMP307	"307" IATDYSB- USE/ALLOCATION COUNT ERROR RESERVED FOR DEVELOPMENT RESERVED FOR DEVELOPMENT
0	(0)	X'190'	0	DUMP400	"400" IATMD - JESMSG ERROR FOR JOB Y02BL08
0	(0)	X'1A4'	0	DUMP420	"420" MDSSRS FCT FAILURE
0	(0)	X'1C2'	0	DUMP450	"450" IATMD - MDS INVALID CONTROL BLOCK
0	(0)	X'1C3'	0	DUMP451	"451" MDS- ERROR DURING HARD ALLOCATE
0	(0)	X'1C4'	0	DUMP452	"452" MDS- RECEIVED ERROR RETURN FROM NON-MDS MACRO
0	(0)	X'1C7'	0	DUMP455	"455" IATMD - EARLY VOL RELEASE ERROR
0	(0)	X'1CC'	0	DUMP460	"460" IATMDMS - ERROR DURING MSVC VOLUME SELECT
0	(0)	X'1D6'	0	DUMP470	"470" IATMDSB - DYA CHAINING ERROR
0	(0)	X'1E0'	0	DUMP480	"480" IATMDSB- SETDSN ENTRY DELETE ERROR
0	(0)	X'1E1'	0	DUMP481	"481" IATMDSB- SETVLM ENTRY DELETE ERROR
0	(0)	X'1E2'	0	DUMP482	"482" IATMDSB- SETDSN ENTRY BUILD ERROR
0	(0)	X'1F4'	0	DUMP500	"500" IATRJM3- DOUBLE STARTIO ATTEMPTED BY BSC RJP WITHOUT AN INTERVENING CHANNEL END
0	(0)	X'212'	0	DUMP530	"530" IATNTNR-INVALID RECORD FOUND IN INBOUND STREAM
0	(0)	X'213'	0	DUMP531	"531" IATNTRS- INVALID DATA IN NETWORK STREAM 0174

Table 140. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	X'214'	0	DUMP532	"532" IATNTSD- ERROR IN NETWORK STREAM
0	(0)	X'215'	0	DUMP533	"533" IATNTJS - COMMUNICATION ERROR BETWEEN 0562 THE NJE RECEIVER (IATNTJS) AND THE 0562 ASYNCHRONOUS SECURITY SUBTASK (IATGRSS) 0562 #0514
0	(0)	X'216'	0	DUMP534	"534" IATNTNR- NJERDR WSP NOT FOUND ON WRITER WAIT QUEUE.
0	(0)	X'226'	0	DUMP550	"550" IATSNLD - DSP WAS FAILED BY THE SNARJP TERMINATION ROUTINE BECAUSE IT HAD A WORKSTATION DEVICE ALLOCATED AT THE TIME SNARJP WAS BEING TERMINATED.
0	(0)	X'227'	0	DUMP551	"551" AN ATTEMPT HAS BEEN MADE TO USE AN ACTIVE RPL
0	(0)	X'228'	0	DUMP552	"552" IATSNLK - A REQUEST WAS MADE TO THE SNARJP LCB USE COUNT MANAGER TO INC/DECREMENT THE USE COUNT, THE REQUEST FAILED
0	(0)	X'229'	0	DUMP553	"553" A REQUEST WAS MADE TO THE SNARJP TERM. STATUS MANAGER TO MODIFY/TEST THE SNARJP TERMINATION STATE MAPPINGS, THE REQUEST FAILED.
0	(0)	X'22A'	0	DUMP554	"554" IATSNLK - A REQUEST WAS MADE TO THE SNARJP LCB USE COUNT MANAGER TO DECREMENT THE USE COUNT, BUT THE USE COUNT HAD NOT BEEN INCREMENTED. (DOUBLE DECREMENT)
0	(0)	X'22B'	0	DUMP555	"555" IATSNLC - DSP FAILED BY SNARJP CANCEL IMMEDIATE PROCESSING. A WORKSTATION IS IN PROCESS OF BEING TERMINATED IMMEDIATELY AND THE DSP CURRENTLY HAS ONE OF THE WORKSTATION'S DEVICES ALLOCATED
0	(0)	X'22C'	0	DUMP556	"556" IATNTHT - INVALID LENGTH RETRIVED FROM SPOOL WHEN TRYING TO REBUILD THE JOB HEADER OR JOB TRAILER
0	(0)	X'258'	0	DUMP600	"600" IATMSMS-INVALID GMS CONTROL BLOCK
0	(0)	X'262'	0	DUMP610	"610" IATUTIS-UNEXPECTED NON-MATCH OF PROCESSORS
0	(0)	X'28F'	0	DUMP655	"655" IATOSFP- PDQ MANAGER ENCOUNTERED ERROR
0	(0)	X'290'	0	DUMP656	"656" IATOSFD- FSS WTR DSP ENCOUNTERED ERROR
0	(0)	X'291'	0	DUMP657	"657" IATOSRS- OSR GET/FREE CELL ERROR
0	(0)	X'294'	0	DUMP660	"660" IATGRFC- FSS CONTROLLER DSP ENCOUNTERED ERR
0	(0)	X'29E'	0	DUMP670	"670" IATOSGR- Error processing SWBTUs
0	(0)	X'29F'	0	DUMP671	"671" IATOSGR- Error during IATXSWBU processing
0	(0)	X'2A0'	0	DUMP672	"672" IATOSDO- Error processing OUTPUT references
0	(0)	X'2A1'	0	DUMP673	"673" IATOSOR- OST IATXGCL error
0	(0)	X'2A2'	0	DUMP674	"674" IATOSDR- OSE buffer number overflow
0	(0)	X'2A3'	0	DUMP675	"675" IATOSPR- Printer loop detected 02773SLA
0	(0)	X'2A4'	0	DUMP676	"676" IATOSPC- OSE cannot be processed on down level local

Table 140. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	X'2A5'	0	DUMP677	"677" IATOSDR/IATOSOR2 - TCP/IP group id 07081SXA management error 07081SXA
0	(0)	X'2A6'	0	DUMP678	"678" IATOSSW2- SWB processing error
0	(0)	X'2A7'	0	DUMP679	"679" IATOSOR2- OSE split processing error
0	(0)	X'2BC'	0	DUMP700	"700" IATDMNC- FDB ALREADY IN FD ON AOPEN. 1101474
0	(0)	X'2BD'	0	DUMP701	"701" IATDMDT/IATDMNC/IATOSSI- FDB NOT IN FD FOR INPUT MRF.
0	(0)	X'2BE'	0	DUMP702	"702" IATDMDT/IATDMNC/IATOSSI- INPUT MRF TERMINATED WITHOUT EOD.
0	(0)	X'2BF'	0	DUMP703	"703" IATDMNC- BAD BUFFER ADDRESS ON AWRITE.
0	(0)	X'2C0'	0	DUMP704	"704" IATDMNC/IATOSSI- BAD TRACK ADDRESS ON JESREAD.
0	(0)	X'2C1'	0	DUMP705	"705" IATDMNC- BAD BUFFER ADDRESS ON APUTBUF. 1101474
0	(0)	X'2C2'	0	DUMP706	"706" IATDMNC- FDB NOT IN FD ON ACLOSE. 1101474
0	(0)	X'2C3'	0	DUMP707	"707" RESERVED FOR DEVELOPMENT
0	(0)	X'2C4'	0	DUMP708	"708" IATDMNC- NO JOB TAT FOR OUTPUT MRF. 1120374
0	(0)	X'2C5'	0	DUMP709	"709" IATDMGB- ERROR ALLOCATING TRACK GROUPS
0	(0)	X'2C6'	0	DUMP710	"710" IATDMTK- DUPLICATE TRACK ON APURGE.
0	(0)	X'2C7'	0	DUMP711	"711" IATDMDT- FILE CLOSED FOR INPUT/ OUTPUT MRF. 1121074
0	(0)	X'2C8'	0	DUMP712	"712" IATDMDT- COUNT TOO LARGE ON ABLOCK/ALOCATE
0	(0)	X'2C9'	0	DUMP713	"713" IATDMTK- ILLEGAL FDB ON ATRACK/ APURGE.
0	(0)	X'2CA'	0	DUMP714	"714" IATDMST- SPOOL ADDRESS NOT IN STT ON APURGE.
0	(0)	X'2CB'	0	DUMP715	"715" IATDMDT- FILE ALREADY OPEN ON AOPEND.
0	(0)	X'2CC'	0	DUMP716	"716" IATDMDT- NO EOD IN LAST BUFFER ON AOPEND.
0	(0)	X'2CD'	0	DUMP717	"717" IATDMDT- TWO ALOCATES WITHOUT AN ABLOCK.
0	(0)	X'2CE'	0	DUMP718	"718" IATDMDT- ABLOCK WITHOUT A PRIOR ALOCATE. 1101474
0	(0)	X'2CF'	0	DUMP719	"719" IATOSSI- VALIDS NOT MATCH FOR INPUT MRF (RECOVERABLE).
0	(0)	X'2D0'	0	DUMP720	"720" IATDMDT- OUTPUT MRF REQUEST ON ABACKR. 1121074
0	(0)	X'2D1'	0	DUMP721	"721" IATDMDT/IATDMNC/IATOSSI- BAD TRACK ADDRESS ON DISK I/O.
0	(0)	X'2D2'	0	DUMP722	"722" IATDMNC/IATOSSI- VALIDS NOT MATCH FOR INPUT MRF (UNRECOVERABLE).
0	(0)	X'2D3'	0	DUMP723	"723" IATDMNC- BAD BUFFER ADDRESS ON ARELEASE.
0	(0)	X'2D4'	0	DUMP724	"724" IATDMDT/IATDMNC/IATINRN/ IATOSSI- RECOVERED I/O ERROR.
0	(0)	X'2D5'	0	DUMP725	"725" IATDMDT/IATDMNC/IATOSSI- UNRECOVERABLE I/O ERROR.

Table 140. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	X'2D6'	0	DUMP726	"726" IATDMDT/IATDMNC- AWAIT ON SRF INVALID FOR INITIALIZATION.
0	(0)	X'2D7'	0	DUMP727	"727" IATDMST - INVALID SINGLE TRACK TABLE.
0	(0)	X'2D8'	0	DUMP728	"728" IATDMNC - OUT OF SPOOL SPACE CONDITION IN INITIALIZATION.
0	(0)	X'2D9'	0	DUMP729	"729" IATDMDT/IATDMNC - SPOOL SPACE COULD NOT BE ALLOCATED TO A MRF OR NEW SRF DUE TO A JOB/DATASET TAT ERROR.
0	(0)	X'2DA'	0	DUMP730	"730" RESERVED FOR DEVELOPMENT
0	(0)	X'2DB'	0	DUMP731	"731" IATOSSI- BAD DATCC ON APOINT.
0	(0)	X'2DC'	0	DUMP732	"732" IATOSWP - PPQ MANAGER ENCOUNTERED ERROR
0	(0)	X'2DD'	0	DUMP733	"733" IATDMDK- ERROR RETURN FROM MODULE IATDMXM
0	(0)	X'2DE'	0	DUMP734	"734" IATOSDR- QUICKCALL FAILURE AND ALL OF OUTPUT SERVICE DIES
0	(0)	X'2DF'	0	DUMP735	"735" IATOSSI- QUICKCELL FAILURE WTR DIES
0	(0)	X'2E0'	0	DUMP736	"736" INCORRECT USE OF CSBT AND/OR RCE
0	(0)	X'2E1'	0	DUMP737	"737" IATDMNC- JSAM O/P REQ FROM OTHER THAN GLOBAL.
0	(0)	X'2E2'	0	DUMP738	"738" IATDMTA (DMTALLOC) - GET CELL FAILURE.
0	(0)	X'2E3'	0	DUMP739	"739" IATDMTA (FCT) - CELL POOL FAILURE.
0	(0)	X'2E4'	0	DUMP740	"740" IATDMTA (FCT) - INVALID RRE.
0	(0)	X'2E5'	0	DUMP741	"741" IATDMCS - CSS FAILED VALIDATION
0	(0)	X'2E6'	0	DUMP742	"742" IATDMTK - INVALID JOB/DATASET TAT.
0	(0)	X'2E7'	0	DUMP743	"743" IATDMTK - INVALID X.G IN JOB/ DATASET TAT.
0	(0)	X'2E8'	0	DUMP744	"744" IATDMTK - INVALID SPOOL PARTITION.
0	(0)	X'2E9'	0	DUMP745	"745" IATDMTK - INVALID CCHH IN BADTRACK ENTRY.
0	(0)	X'2EA'	0	DUMP746	"746" IATDMGB- INVALID CONTROL BLOCK DURING RRE
0	(0)	X'2EB'	0	DUMP747	"747" IATDMJA- ERROR DETECTED PROCESSING JIB
0	(0)	X'2EC'	0	DUMP748	"748" IATDMDT- ERROR FROM ABACKR
0	(0)	X'2ED'	0	DUMP749	"749" IATDMCS - ERROR TRYING TO GET/ RETURN CELL
0	(0)	X'2EE'	0	DUMP750	"750" IATDMER SPOOL I/O ERROR RECOVERY FAILURE
0	(0)	X'2EF'	0	DUMP751	"751" IATOSDR- BAD OSS ADDRESS
0	(0)	X'2F0'	0	DUMP752	"752" IATDMNC - INVALID BUFFER ADDRESS
0	(0)	X'2F1'	0	DUMP753	"753" IATDMTK - ERROR DETECTED IN RAB DESTROY
0	(0)	X'2F2'	0	DUMP754	"754" IATGRRQ - INCORRECT OSS ADDRESS
0	(0)	X'2F3'	0	DUMP755	"755" IATDMGB - NEGATIVE FDB I/O COUNT

Table 140. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	X'2F4'	0	DUMP756	"756" IATOSGP - NEGATIVE OSS COUNT VALUE
0	(0)	X'2F5'	0	DUMP757	"757" IATRJPC/IATCNRM Error trying to get/return a cell
0	(0)	X'2F6'	0	DUMP758	"758" IATDMGB - NEGATIVE FD I/O COUNT
0	(0)	X'2F7'	0	DUMP759	"759" ERROR DETECTED IN SUBSYSTEM COMMUNICATIONS
0	(0)	X'2F8'	0	DUMP760	"760" IATDMNC - BAD VALID PASSED TO AWRITE
0	(0)	X'2F9'	0	DUMP761	"761" IATCNRN - ERROR IN MULTI-LINE MESSAGE SERVICE (CNRNMLWO)
0	(0)	X'2FA'	0	DUMP762	"762" IATRJPC - JESXCF returned with OK return code on GETMDB request, but the MDB could not be processed
0	(0)	X'2FB'	0	DUMP763	"763" IATDMNC - Error return from IATXGCL or 0008 IATXRCL 0008
0	(0)	X'2FC'	0	DUMP764	"764" IATOSPC/IATOSSO - Error accessing JDS 0037 for selected OSE 0037
0	(0)	X'2FD'	0	DUMP765	"765" IATOSSO/IATOSSR - Error updating SAPI data space
0	(0)	X'2FE'	0	DUMP766	"766" IATMOSTT - An error detected during STT copy processing
0	(0)	X'2FF'	0	DUMP767	"767" IATMOSQC - An error detected while processing spool deletion
0	(0)	X'300'	0	DUMP768	"768" IATOSBM - Error in RQ SNA or TCP NJE bits
0	(0)	X'320'	0	DUMP800	"800" IATGRJR- ENDING DSP LEFT OPEN FDB.
0	(0)	X'321'	0	DUMP801	"801" ANYDSP UNRECOVERABLE XJQE/XJCT ERROR
0	(0)	X'322'	0	DUMP802	"802" IATGRJS JSS ERROR
0	(0)	X'323'	0	DUMP803	"803" IATGRPJ ARMDRVR error
0	(0)	X'352'	0	DUMP850	"850" IATPURG IATISDL ERROR READING THE DEADLINE QUEUE.
0	(0)	X'353'	0	DUMP851	"851" DEADLINE DSP RECURSIVE ABEND
0	(0)	X'354'	0	DUMP852	"852" UNKNOWN ERROR RETURN FROM IATXERCV MACRO
0	(0)	X'355'	0	DUMP853	"853" IATISJB - UNEXPECTED REJECT FROM SAF CALL
0	(0)	X'356'	0	DUMP854	"854" IATGRPR - REJECTED SAF CALL
0	(0)	X'367'	0	DUMP871	"871" UNKNOWN RETURN/REASON CODE FROM IEFCMAUT 0395
0	(0)	X'368'	0	DUMP872	"872" IATISCD - ERROR CREATING NEW INTRDR JOB
0	(0)	X'3B8'	0	DUMP952	"952" IATDCNC - ERROR ACCESSING NET CONTROL BLOCKS
0	(0)	X'3B9'	0	DUMP953	"953" IATDCNC ABEND IN UNRECOVERABLE ERROR RTN
0	(0)	X'3BB'	0	DUMP955	"955" IATUTDD RECURSIVE ABEND
0	(0)	X'3C0'	0	DUMP960	"960" IATDJTR - DUMP JOB TRANSLATION FAILURE
0	(0)	X'3E7'	0	DUMP999	"999" IATMFDR- JMF DSP ENCOUNTERED ERROR #0459

Table 141. Cross Reference for IATYDUM

Name	Offset	Hex Tag
DUMP000	0	0
DUMP001	0	1
DUMP002	0	2
DUMP003	0	3
DUMP004	0	4
DUMP005	0	5
DUMP006	0	6
DUMP007	0	7
DUMP008	0	8
DUMP009	0	9
DUMP010	0	A
DUMP011	0	B
DUMP012	0	C
DUMP013	0	D
DUMP014	0	E
DUMP015	0	F
DUMP016	0	10
DUMP017	0	11
DUMP018	0	12
DUMP019	0	13
DUMP020	0	14
DUMP021	0	15
DUMP022	0	16
DUMP023	0	17
DUMP024	0	18
DUMP025	0	19
DUMP026	0	1A
DUMP028	0	1C
DUMP029	0	1D
DUMP030	0	1E
DUMP031	0	1F
DUMP032	0	20
DUMP033	0	21
DUMP034	0	22
DUMP035	0	23
DUMP036	0	24
DUMP037	0	25
DUMP040	0	28
DUMP045	0	2D
DUMP046	0	2E
DUMP047	0	2F
DUMP048	0	30
DUMP049	0	31
DUMP050	0	32
DUMP051	0	33
DUMP052	0	34

Table 141. Cross Reference for IATYDUM (continued)

Name	Offset	Hex Tag
DUMP053	0	35
DUMP054	0	36
DUMP055	0	37
DUMP060	0	3C
DUMP080	0	50
DUMP081	0	51
DUMP082	0	52
DUMP083	0	53
DUMP084	0	54
DUMP085	0	55
DUMP086	0	56
DUMP089	0	59
DUMP090	0	5A
DUMP091	0	5B
DUMP092	0	5C
DUMP098	0	62
DUMP099	0	63
DUMP100	0	64
DUMP101	0	65
DUMP102	0	66
DUMP103	0	67
DUMP105	0	69
DUMP106	0	6A
DUMP107	0	6B
DUMP111	0	6F
DUMP131	0	83
DUMP132	0	84
DUMP133	0	85
DUMP134	0	86
DUMP135	0	87
DUMP137	0	89
DUMP140	0	8C
DUMP141	0	8D
DUMP142	0	8E
DUMP143	0	8F
DUMP144	0	90
DUMP145	0	91
DUMP146	0	92
DUMP147	0	93
DUMP200	0	C8
DUMP201	0	C9
DUMP202	0	CA
DUMP203	0	CB
DUMP204	0	CC
DUMP205	0	CD
DUMP206	0	CE

Table 141. Cross Reference for IATYDUM (continued)

Name	Offset	Hex Tag
DUMP207	0	CF
DUMP209	0	D1
DUMP210	0	D2
DUMP300	0	12C
DUMP301	0	12D
DUMP302	0	12E
DUMP303	0	12F
DUMP304	0	130
DUMP306	0	132
DUMP307	0	133
DUMP400	0	190
DUMP420	0	1A4
DUMP450	0	1C2
DUMP451	0	1C3
DUMP452	0	1C4
DUMP455	0	1C7
DUMP460	0	1CC
DUMP470	0	1D6
DUMP480	0	1E0
DUMP481	0	1E1
DUMP482	0	1E2
DUMP500	0	1F4
DUMP530	0	212
DUMP531	0	213
DUMP532	0	214
DUMP533	0	215
DUMP534	0	216
DUMP550	0	226
DUMP551	0	227
DUMP552	0	228
DUMP553	0	229
DUMP554	0	22A
DUMP555	0	22B
DUMP556	0	22C
DUMP600	0	258
DUMP610	0	262
DUMP655	0	28F
DUMP656	0	290
DUMP657	0	291
DUMP660	0	294
DUMP670	0	29E
DUMP671	0	29F
DUMP672	0	2A0
DUMP673	0	2A1
DUMP674	0	2A2
DUMP675	0	2A3

Table 141. Cross Reference for IATYDUM (continued)

Name	Offset	Hex Tag
DUMP676	0	2A4
DUMP677	0	2A5
DUMP678	0	2A6
DUMP679	0	2A7
DUMP700	0	2BC
DUMP701	0	2BD
DUMP702	0	2BE
DUMP703	0	2BF
DUMP704	0	2C0
DUMP705	0	2C1
DUMP706	0	2C2
DUMP707	0	2C3
DUMP708	0	2C4
DUMP709	0	2C5
DUMP710	0	2C6
DUMP711	0	2C7
DUMP712	0	2C8
DUMP713	0	2C9
DUMP714	0	2CA
DUMP715	0	2CB
DUMP716	0	2CC
DUMP717	0	2CD
DUMP718	0	2CE
DUMP719	0	2CF
DUMP720	0	2D0
DUMP721	0	2D1
DUMP722	0	2D2
DUMP723	0	2D3
DUMP724	0	2D4
DUMP725	0	2D5
DUMP726	0	2D6
DUMP727	0	2D7
DUMP728	0	2D8
DUMP729	0	2D9
DUMP730	0	2DA
DUMP731	0	2DB
DUMP732	0	2DC
DUMP733	0	2DD
DUMP734	0	2DE
DUMP735	0	2DF
DUMP736	0	2E0
DUMP737	0	2E1
DUMP738	0	2E2
DUMP739	0	2E3
DUMP740	0	2E4
DUMP741	0	2E5

Table 141. Cross Reference for IATYDUM (continued)

Name	Offset	Hex Tag
DUMP742	0	2E6
DUMP743	0	2E7
DUMP744	0	2E8
DUMP745	0	2E9
DUMP746	0	2EA
DUMP747	0	2EB
DUMP748	0	2EC
DUMP749	0	2ED
DUMP750	0	2EE
DUMP751	0	2EF
DUMP752	0	2F0
DUMP753	0	2F1
DUMP754	0	2F2
DUMP755	0	2F3
DUMP756	0	2F4
DUMP757	0	2F5
DUMP758	0	2F6
DUMP759	0	2F7
DUMP760	0	2F8
DUMP761	0	2F9
DUMP762	0	2FA
DUMP763	0	2FB
DUMP764	0	2FC
DUMP765	0	2FD
DUMP766	0	2FE
DUMP767	0	2FF
DUMP768	0	300
DUMP800	0	320
DUMP801	0	321
DUMP802	0	322
DUMP803	0	323
DUMP850	0	352
DUMP851	0	353
DUMP852	0	354
DUMP853	0	355
DUMP854	0	356
DUMP871	0	367
DUMP872	0	368
DUMP952	0	3B8
DUMP953	0	3B9
DUMP955	0	3BB
DUMP960	0	3C0
DUMP999	0	3E7

IATYDVDE information

IATYDVDE heading information

Common name: Dataspace Virtual Definition Element

Macro ID: IATYDVDE

DSECT name: DVDSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: DVDE
Offset: 0
Length: 4

Storage attributes: Main Storage: Any
Subpool: 0
Key: 0
Data Space: JES3INIT

Size: DVDEFXSZ bytes + length of SETUNIT or SUPUNIT

Created by: IATINDVS

Pointed to by: DVDEFSET in IATYDVDE
DVDESHRT in IATYDVDE
IDVSFNJE in IATYIDVS
IDVSFNSV in IATYIDVS
IDVSFSET in IATYIDVS
IDVSFSOC in IATYIDVS
IDVSFSUP in IATYIDVS
IDVSLNJE in IATYIDVS
IDVSLNSV in IATYIDVS
IDVSLSET in IATYIDVS
IDVSLSOC in IATYIDVS
IDVSLSUP in IATYIDVS

Serialization: None

Function: This macro maps the data that is stored in the initialization data space manipulated by the IATXIDVS macro. Each definition element represents the definition of one of the following types of intermediate text (statement/parameter):
- SETUNIT (DEVICE,JUNIT=)
- SUPUNIT (DEVICE,XUNIT=)
- Net Server (NETSERV)
- Socket (SOCKET)

IATYDVDE mapping

Table 142. Structure DVDSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	DVDSTART	
0	(0)	CHARACTER	4	DVDENTID	Entry id
4	(4)	SIGNED	4	DVDTOKEN(0)	Device Definition Token
4	(4)	ADDRESS	2	DVDSTMNO	Statement number, first half of token
6	(6)	ADDRESS	2	DVDRNGNO	Range number, second half of token
8	(8)	ADDRESS	4	DVDENEXT	Pointer to the next DVDE in the same type
12	(C)	ADDRESS	4	DVDEFSET	Pointer to the first SETUNIT DVDE for the same device if this is a SETUNIT, 0 for any other type
16	(10)	ADDRESS	4	DVDESHR	Pointer to shared DVDE, i.e. related SUPUNIT if this is a SETUNIT or vice versa, 0 for any other type
20	(14)	BITSTRING	1	DVDEFLG1	Flag byte 1
		1...		DVDENOWR	"X'80'" Itext should not be written; this flag is set after itext is saved and later determined to be invalid

Table 142. Structure DVDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.1..		DVDF1R40	"X'40'" Reserved for IBM
		..1.		DVDF1R20	"X'20'" Reserved for IBM
		...1		DVDF1R10	"X'10'" Reserved for IBM
		.... 1...		DVDF1R08	"X'08'" Reserved for IBM
		.... .1..		DVDF1R04	"X'04'" Reserved for IBM
		.... ..1.		DVDF1R02	"X'02'" Reserved for IBM
		1		DVDF1R01	"X'01'" Reserved for IBM
21	(15)	BITSTRING	3	DVDERVD1	Reserved for IBM
24	(18)	SIGNED	4	DVDEITXL	Length of intermediate text
28	(1C)	SIGNED	4	DVDEFXEN(0)	End of fixed section (Itext follows)
28	(1C)	X'1C'	0	DVDEFXSZ	"DVDEFXEN-DVDSTART" Size of fixed section

Table 143. Cross Reference for IATYDVDE

Name	Offset	Hex Tag
DVDEFLG1	14	
DVDEFSET	C	
DVDEFXEN	1C	
DVDEFXSZ	1C	1C
DVDEITXL	18	
DVDENEXT	8	
DVDENOWR	14	80
DVDENTID	0	
DVDERVD1	15	
DVDESHR	10	
DVDF1R01	14	1
DVDF1R02	14	2
DVDF1R04	14	4
DVDF1R08	14	8
DVDF1R10	14	10
DVDF1R20	14	20
DVDF1R40	14	40
DVDRNGNO	6	
DVDSTART	0	
DVDSTMNO	4	
DVDTOKEN	4	

IATYDVE information

IATYDVE programming interface information

The following fields are **NOT** programming interface information:

- DVELCB
- DVEWSB

IATYDVE heading information

Common name:	Device Entry
Macro ID:	IATYDVE
DSECT name:	IATYDVE
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Subpool: SRDPOOL Key: JES Key Data Space: None Residency: Private any
Size:	112 Bytes
Created by:	IATSNLB
Pointed to by:	The first of a list of DVE's is contiguous to the WSB.
Serialization:	Certain fields are serialized by Compare & Swap Logic.
Function:	This DSECT maps the session and FMH information into the LCB. One device entry exists for each device on the workstation (Printer, Punch, or Reader) and 2 entries exist for console (Inbound and Outbound). This control block is physically contained in the WSB.

IATYDVE mapping

Table 144. Structure IATYDVE

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATYDVE	
IATYDVE - - D E V I C E E N T R Y USED--AS A LOGICAL EXTENSION TO THE RDCT. IT CONTAINS THE RELATIONSHIP TO LCB, WSB AND SUPUNIT.					
0	(0)	ADDRESS	4	DVELCB	ADDRESS OF LCB ASSOCIATED WITH THIS DVE
4	(4)	ADDRESS	4	DVENSTE	ADDRESS OF NEXT DVE FOR THIS STACK
8	(8)	ADDRESS	4	DVEWSB	ADDRESS OF WSB FOR THIS DVE
12	(C)	ADDRESS	4	DVESUP	ADDRESS OF SUPUNIT ASSOCIATED WITH THIS DEVICE ENTRY
16	(10)	SIGNED	4	DVESNSD	SENSE DATA RECEIVED FROM VTAM
20	(14)	SIGNED	4	DVECLTYP	CLOSE TYPE FOR IATSNDC
24	(18)	BITSTRING	1	DVEFL1	FLAG BYTE
24	(18)	X'18'	0	DVEOPN	"DVEFL1" FLAG INDICATING THAT AN OPEN HAS BEEN DONE FOR THIS DEVICE
		1...		DVEOPNM	"X'80'" MASK FOR OPEN FLAG
24	(18)	X'18'	0	DVESSP	"DVEFL1" FLAG INDICATING THAT DATA FLOW HAS BEEN SUSPENDED
		.1..		DVESSPM	"X'40'" MASK FOR SUSPENDED FLAG
24	(18)	X'18'	0	DVECON	"DVEFL1" THIS FLAG INDICATES IF THE ENTRY IS THE INBOUND OR OUTBOUND CONSOLE
		..1.		DVECONM	"X'20'" INBOUND IF ON
24	(18)	X'18'	0	DVECEP	"DVEFL1" CONSOLE EQUALS THIS PRINTER
		...1		DVECEPM	"X'10'" IF ON
24	(18)	X'18'	0	DVEONST	"DVEFL1" THIS DVE IS ON A STACK
		.... 1...		DVEONSTM	"X'08'" IF ON

Table 144. Structure IATYDVE (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
24	(18)	X'18'	0	DVESDSC	"DVEFL1" SDS SENT FOR CONSOLE
		.... .1..		DVESDSCM	"X'04'" IF ON
24	(18)	X'18'	0	DVETMPC	"DVEFL1" WSCLOSE TYPE=TEMP ISSUED
		.... ..1.		DVETMPCM	"X'02'" IF ON
24	(18)	X'18'	0	DVEWEDS	"DVEFL1" EDS HAS BEEN SENT
		1		DVEWEDSM	"X'01'" IF ON
25	(19)	BITSTRING	1	DVEFL2	FLAG BYTE (FLAGS AS SENT IN THE FMH
THESE FLAGS RELATE TO THE SESSION ONLY WHEN THIS DVE IS AT TOP OF STACK FOR AN LCB)					
25	(19)	X'19'	0	DVECMI	"DVEFL2" COMPRESSION IS BEING USED ON THIS FLOW
		1...		DVECMM	"X'80'" COMPRESSION IS BEING USED IF ON
25	(19)	X'19'	0	DVECPI	"DVEFL2" COMPACTION IS BEING USED ON THIS FLOW
		.1..		DVECPM	"X'40'" COMPACTION IS BEING USED IF ON
25	(19)	X'19'	0	DVEALTI	"DVEFL2" ALTERNATE CODE IS SUPPORTED
		..1.		DVEALTM	"X'20'" ALTERNATE CODE MASK
26	(1A)	BITSTRING	1	DVEFL3	DEVICE ERRROR FLAGS
26	(1A)	X'1A'	0	DVETERR	"DVEFL3" TEMPORARY DEVICE ERROR
		1...		DVETERRM	"X'80'" TEMPORARY DEVICE ERROR
26	(1A)	X'1A'	0	DVEPERR	"DVEFL3" PERMANENT DEVICE ERROR
		.1..		DVEPERRM	"X'40'" PERMANENT DEVICE ERROR
26	(1A)	X'1A'	0	DVESERR	"DVEFL3" SESSION ERROR
		..1.		DVESERRM	"X'20'" SESSION ERROR MASK
27	(1B)	BITSTRING	1	DVECSFL	COMPARE AND SWAP FLAG WORD
27	(1B)	X'1B'	0	DVEECF	"DVECSFL" ECF FOR CONTROL OF THIS DEVICE
		1...		DVERUAN	"X'80'" MASK TO TURN RU AVAIL ON
		.1..		DVEEODN	"X'40'" MASK TO TURN ON EOD FLAG
		..1.		DVESESW	"X'20'" DEVICE WAITING FOR A SESSION
		...1		DVEBFAV	"X'10'" MASK TO TURN BUFFER AVAIL
THE DEFINITIONS IN DVEDTYP MATCH THOSE IN SUPRMFL2					
28	(1C)	BITSTRING	1	DVEDTYP	DEVICE TYPE OF THIS DVE
		1...		DVECONT	"X'80'" CONSOLE IF ON
		.1..		DVEPUNT	"X'40'" PUN IF ON
		..1.		DVEPRTT	"X'20'" PRT IF ON
		...1		DVERDRT	"X'10'" RDR IF ON
		.... 1...		DVEBEX	"X'08'" BASIC EXCHANGE IF ON
28	(1C)	X'1C'	0	DVECLFLG	"DVEDTYP" RECURSIVE CLOSE FLAG. IF ON, A CLOSE HAS ALREADY BEEN DONE.
		1		DVECLREC	"X'01'" MASK FOR ABOVE
29	(1D)	BITSTRING	1	DVEDVSL	SAVE AREA FOR FMH1DVSL (MEDIA, SUBADDRESS)
30	(1E)	BITSTRING	1	DVECNECF	CANCEL ECF (OUTBND)
		1...		DVECNON	"X'80'" MASK FOR AWAIT ON

Table 144. Structure IATYDVE (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.1..		DVECNOFF	"X'40'" MASK FOR AWAITOFF
31	(1F)	BITSTRING	1	DVEFL4	FLAG BYTE
31	(1F)	X'1F'	0	DVEPDIR	"DVEFL4" PDIR SEND IN PROGRESS
		1...		DVEPDIRM	"X'80'" MASK FOR ABOVE
31	(1F)	X'1F'	0	DVESPDT	"DVEFL4" WTR WAS SUSPENDED ON EOC RESPONSE BY SNDT
		.1..		DVESPDTM	"X'40'" MASK FOR ABOVE
31	(1F)	X'1F'	0	DVERDLK	"DVEFL4" THIS DVE IN USE BY RDR
		..1.		DVERDLKM	"X'20'" MASK FOR ABOVE
31	(1F)	X'1F'	0	DVEWSO	"DVEFL4" WTR SENDING OUTPUT CHAIN
		...1		DVEWSOM	"X'10'" MASK FOR ABOVE
31	(1F)	X'1F'	0	DVECMSG	"DVEFL4" CON MSG SENT TO PR1/CON
		.... 1...		DVECMSGM	"X'08'" MASK FOR ABOVE
31	(1F)	X'1F'	0	DVERSET	"DVEFL4" DEVICE HAS BEEN RESET
		.... .1..		DVERSETM	"X'04'" MASK FOR ABOVE
32	(20)	SIGNED	4	DVEFILL(0)	INSURES DVES ON FULLWORD
THE AWAIT LIST (DVEWLST) IS DEFINED AS TWO DOUBLEWORD ENTRIES PLUS THE END OF LIST INDICATOR OF ALL ONES. EACH DOUBLEWORD HAS THE ECF ADDRESS IN THE FIRST WORD AND THE ECF MASK IN THE LOW ORDER BYTE OF THE SECOND WORD, PRE-CEDED BY THREE ZERO BYTES.					
32	(20)	SIGNED	4	DVEWLST(5)	ECF WAIT LIST 4 RDRS (SNDO) AND FOR CANCEL OUTBND
32	(20)	X'24'	0	DVEWLST4	"DVEWLST+4,4" ZEROS & ECF MASK
32	(20)	X'28'	0	DVEWLST8	"DVEWLST+8,4" ECF ADDRESS
32	(20)	X'2C'	0	DVEWLSTC	"DVEWLST+12,4" ZEROS & ECF MASK
52	(34)	SIGNED	4	DVEOPNSV(3)	SAVE AREA FOR WTR OPEN
64	(40)	SIGNED	2	DVELRECL	CURRENT REC LEN THIS DEVICE
THE MAPPING FOR THE EXFLG IS REQUIRED TO BE IDENTICAL WITH SUPFLAG0					
66	(42)	BITSTRING	1	DVEEXFLG	FLAG FOR EXCHNGE MEDIA
66	(42)	X'42'	0	DVEEX	"DVEEXFLG" THIS IS AN EXCHANGE DEVICE
		1...		DVEEXM	"X'80'" MASK FOR ABOVE
66	(42)	X'42'	0	DVEBSEX	"DVEEXFLG" THIS IS A BASIC EXCH DEV
		.1..		DVEBSEXM	"X'40'" MASK FOR ABOVE
67	(43)	BITSTRING	1	DVEESADR	EXCHANGE SUBADDRESS
68	(44)	SIGNED	4	DVESAVE(7)	SAVE AREA FOR SNFO
96	(60)	SIGNED	4	DVERSVDD	RESERVED FOR DEVELOPMENT
100	(64)	SIGNED	4	DVERSVDS(2)	RESERVED FOR SERVICE
108	(6C)	SIGNED	4	DVERSVDU	RESERVED FOR USER
108	(6C)	X'70'	0	DVELEN	"*-IATYDVE" LENGTH OF IATYDVE

Table 145. Cross Reference for IATYDVE

Name	Offset	Hex Tag
DVEALTI	19	19
DVEALTM	19	20
DVEBEX	1C	8

Table 145. Cross Reference for IATYDVE (continued)

Name	Offset	Hex Tag
DVEBFAV	1B	10
DVEBSEX	42	42
DVEBSEXM	42	40
DVECEP	18	18
DVECEPM	18	10
DVECLFLG	1C	1C
DVECLREC	1C	1
DVECLTYP	14	
DVECMI	19	19
DVECMM	19	80
DVECMSG	1F	1F
DVECMSGM	1F	8
DVECNECF	1E	
DVECNOFF	1E	40
DVECNON	1E	80
DVECON	18	18
DVECONM	18	20
DVECONT	1C	80
DVECPI	19	19
DVECPM	19	40
DVECSFL	1B	
DVEDTYP	1C	
DVEDVSL	1D	
DVEECF	1B	1B
DVEEODN	1B	40
DVEESADR	43	
DVEEX	42	42
DVEEXFLG	42	
DVEEXM	42	80
DVEFILL	20	
DVEFL1	18	
DVEFL2	19	
DVEFL3	1A	
DVEFL4	1F	
DVELCB	0	
DVELEN	6C	70
DVELRECL	40	
DVENSTE	4	
DVEONST	18	18
DVEONSTM	18	8
DVEOPN	18	18
DVEOPNM	18	80
DVEOPNSV	34	
DVEPDIR	1F	1F
DVEPDIRM	1F	80
DVEPERR	1A	1A

Table 145. Cross Reference for IATYDVE (continued)

Name	Offset	Hex Tag
DVEPERRM	1A	40
DVEPRTT	1C	20
DVEPUNT	1C	40
DVERDLK	1F	1F
DVERDLKM	1F	20
DVERDRT	1C	10
DVERSET	1F	1F
DVERSETM	1F	4
DVERSVDD	60	
DVERSVDS	64	
DVERSVDU	6C	
DVERUAN	1B	80
DVESAVE	44	
DVESDSC	18	18
DVESDSCM	18	4
DVESERR	1A	1A
DVESERRM	1A	20
DVESESW	1B	20
DVESNSD	10	
DVESPDT	1F	1F
DVESPDTM	1F	40
DVESSP	18	18
DVESSPM	18	40
DVESUP	C	
DVETERR	1A	1A
DVETERRM	1A	80
DVETMPC	18	18
DVETMPCM	18	2
DVEWEDS	18	18
DVEWEDSM	18	1
DVEWLST	20	
DVEWLSTC	20	2C
DVEWLST4	20	24
DVEWLST8	20	28
DVEWSB	8	
DVEWSO	1F	1F
DVEWSOM	1F	10
IATYDVE	0	

IATYDXF information

IATYDXF heading information

Common name: Dynamic exit definition

Macro ID: IATYDXF

DSECT name: None

Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Main Storage: JES3 Private Area Auxiliary Storage: N/A
Size:	DXFSIZE
Created by:	IATGRPT via IATYUXL
Pointed to by:	N/A
Serialization:	N/A
Function:	Maps the entry for a dynamic exit definition

IATYDXF mapping

Table 146. Structure DXFSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	DXFSTART	
0	(0)	CHARACTER	16	DXFNAME	Exit name
16	(10)	SIGNED	4	DXFKEY	Key
20	(14)	SIGNED	4	DXFANUM	Abendnum value
		Environment flag - Flag equates must match similar flag in IATYUXL.			
24	(18)	BITSTRING	1	DXFENFL	Environment flag
		.1..		DXFENGB	"X'40'" Define exit on global
		..1.		DXFENLC	"X'20'" Define exit on local
		Flag 1			
25	(19)	BITSTRING	1	DXFFLG1	Flag1
		1...		DXFROPT	"X'80'" Reentrant=OPT
		.1..		DXFRREQ	"X'40'" Reentrant=REQ
		..1.		DXFPIPL	"X'20'" Persist=IPL
		...1		DXFPADS	"X'10'" Persist=ADDRESSSPACE
26	(1A)	BITSTRING	1	DXFRSVD(2)	Reserved
26	(1A)	X'1C'	0	DXFEND	"*" End of DXF
26	(1A)	X'1C'	0	DXFSIZE	"DXFEND-DXFSTART" Size of entry

Table 147. Cross Reference for IATYDXF

Name	Offset	Hex Tag
DXFANUM	14	
DXFEND	1A	1C
DXFENFL	18	
DXFENGB	18	40
DXFENLC	18	20
DXFFLG1	19	
DXFKEY	10	
DXFNAME	0	
DXFPADS	19	10
DXFPIPL	19	20
DXFROPT	19	80
DXFRREQ	19	40

Table 147. Cross Reference for IATYDXF (continued)

Name	Offset	Hex Tag
DXFRSVD	1A	
DXFSIZE	1A	1C
DXFSTART	0	

IATYDYA information

IATYDYA heading information

Common name: DYNAMIC ALLOCATION BUFFER

Macro ID: IATYDYA

DSECT name: DYASTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: DYA
Offset: 4
Length: 4

Storage attributes: Main Storage: SUBPOOL 230
Auxiliary Storage: N/A

Size: 396 Bytes

Created by: IATSICA

Pointed to by: SELDATA IN IATYSEL

Serialization: None

Function: IATSICA sends this data area, containing information about a dynamic allocation request, to MDS.

IATYDYA mapping

Table 148. Structure DYASTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	DYASTART	
0	(0)	SIGNED	2	DYALNGTH	LENGTH OF BUFFER AREA
2	(2)	SIGNED	2	DYADYNID	ID OF DYNAMIC ALLOC REQUEST
4	(4)	CHARACTER	4	DYAID	CONTROL BLOCK ID
8	(8)	ADDRESS	4	DYANEXT	POINTER TO NEXT DYA
12	(C)	SIGNED	2	DYAMDSRC(0)	MDS RETURN CODE TO SSI
		1...		DYADUREQ	"X'80'" DYNAMIC UNALLOC NEEDED
12	(C)	BITSTRING	1	DYATYPE	DYATYPE TYPE FLAG
		1...		DYATSIJF	"X'80'" BUF CONTAINS SIOT/JFCB PAIR
		.1..		DYATJFX	"X'40'" BUFFER CONTAINS JFCB EXT(S)
		..1.		DYATSAQD	"X'20'" BUF'S STAGING AREA IN PROCES
		...1		DYALIST	"X'10'" BUF CONTAINS A UNITNAME LIST
		.... .1..		DYASMS	"X'04'" SMS MANAGED DATASET REQUEST
		.... ..1.		DYATTERM	"X'02'" TERMINATE REQUEST, FREE BUFS
		1		DYATEOB	"X'01'" LAST BUFFER IN REQUEST
13	(D)	BITSTRING	1	DYASTEPN	STEP NMBR OF ASSOCIATED RQST
14	(E)	BITSTRING	1	DYASEND(0)	END REPLY DATA 0275
14	(E)	BITSTRING	0	DYASSIZE(0)	SIZE OF REPLY DATA 0275
14	(E)	CHARACTER	8	DYAJBID	JOB ID OF ASSOCIATED RQST
22	(16)	CHARACTER	8	DYAOUNIT	ORIG SCTUTYPE IF SIOT/JFCB

Table 148. Structure DYASTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
32	(20)	SIGNED	4	DYASEQ	SEQUENCE NO. OF BUFFER
36	(24)	BITSTRING	1	DYAFLAGS(0)	DYNAL FCT FLAGS
36	(24)	BITSTRING	1	DYAFLAG1	FLAG1
37	(25)	BITSTRING	1	DYAFLAG2	FLAG2
38	(26)	BITSTRING	1	DYADEVTY	DEVICE TYPE FLAGS
39	(27)	BITSTRING	1	DYAFLAG3	FLAG FOR DYNAM ALLOC
		1...		DYADYNAL	"X'80'" ALLOC'D BY DYNAL FCT
		.1..		DYACHND	"X'40'" DYA HAS BEEN CHAINED
40	(28)	SIGNED	2	DYABUFNO	DJST BUFFER NUMBER
42	(2A)	BITSTRING	1	DYAMEDIA	MEDIA TYPE FROM SIOT EXT.
43	(2B)	BITSTRING	1	DYASETTY	SETTYPE INDEX IF DEMAND REQUEST
44	(2C)	SIGNED	4	(0)	INSURE FULL WORD ALIGNMENT
44	(2C)	X'B0'	0	DYASLOT	"176" SIZE OF SWA RECORD
THE NEXT FOUR SECTIONS DESCRIBE IMBEDDED DATA IN THE DYA. THERE CAN ONLY BE ONE TYPE OF THE FOLLOWING THREE: SIOT/JFCB PAIR, JFCB EXTENSION OR SMS DATA IMBEDDED FOR EACH DYA. IF THERE IS A SIOT/JFCB PAIR, THERE MAY ALSO BE A UNITNAME LIST. FIELD DYATYPE INDICATES WHICH TYPE(S) WILL BE FOUND IN THE DYA. SIOT/JFCB PAIR FOR DYNAMIC ALLOCATION REQUEST					
44	(2C)	BITSTRING	176	DYASIOT	SIOT ENTRY ROUNDED TO 176
220	(DC)	BITSTRING	1	DYAJFCB	JFCB ENTRY
UNITNAME LIST					
396	(18C)	BITSTRING	1	DYAULIST(0)	START OF LIST
JFCB EXTENSIONS FOR DYNAMIC ALLOCATION REQUEST					
44	(2C)	BITSTRING	176	DYAJFX1	1ST JFCB EXTENSION THIS BUF
220	(DC)	BITSTRING	176	DYAJFX2	2ND JFCB EXTENSION THIS BUF
396	(18C)	BITSTRING	1	DYARORG(0)	
SMS DATA FOR DYNAMIC ALLOCATION REQUEST (NOTE: UNLESS SPECIFIED OTHERWISE, 'SMS' REFERS TO SMS DASD, NOT SMS MANAGED MOUNTABLE, I.E. ATL, VTS.)					
44	(2C)	CHARACTER	44	DYADSN	DATASET NAME
88	(58)	CHARACTER	8	DYADDNAM	DDNAME FROM THE DD CARD
96	(60)	BITSTRING	1	DYADISP	DATASET DISPOSITION
		11..		DYANEW	"X'C0'" NEW DATASET
		1...		DYAMOD	"X'80'" MOD DATASET
		.1..		DYAOLD	"X'40'" OLD DATASET
		.... 1...		DYASHR	"X'08'" SHARED DATASET
97	(61)	BITSTRING	1	DYADFLG	DATASET FLAG
		1...		DYAINOP	"X'80'" INOUT TREATED AS INPUT
		.1..		DYAOUTOP	"X'40'" OUTIN TREATED AS OUTPUT
		...1		DYADR10	"X'10'" RESERVED FLAG
		.... ..1.		DYAGDG	"X'02'" GDG SINGLE
RESPONSE FROM THE GLOBAL FOR THE DYNAMIC ALLOCATION REQ					

Table 148. Structure DYASTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
14	(E)	BITSTRING	1	DYARESP(0)	DYN ALLOC SA RESP AREA
14	(E)	BITSTRING	1	DYADSTEP	STEP NUMBER
15	(F)	BITSTRING	1	DYARESV	RESERVED
16	(10)	SIGNED	2	DYADRPN	RELATIVE POS NUMBER
18	(12)	CHARACTER	8	DYADDNM	DDNAME
26	(1A)	BITSTRING	1	DYARFLG	RESPONSE FLAG
		1...		DYAFDJST	"X'80'" FIRST DJST
		.1..		DYANDJST	"X'40'" NEW DJST
396	(18C)	BITSTRING	1	DYAREND(0)	END OF RESPONSE AREA
396	(18C)	BITSTRING	0	DYARSIZE(0)	SIZE OF RESPONSE AREA
396	(18C)	SIGNED	4	DYAEND(0)	END OF DYA BUFFER
396	(18C)	BITSTRING	1	DYAFSIZ(0)	FIXED SIZE OF DYA

Table 149. Cross Reference for IATYDYA

Name	Offset	Hex Tag
DYABUFNO	28	
DYACHND	27	40
DYADDNAM	58	
DYADDNM	12	
DYADEVTY	26	
DYADFLG	61	
DYADISP	60	
DYADRPN	10	
DYADR10	61	10
DYADSN	2C	
DYADSTEP	E	
DYADUREQ	C	80
DYADYNAL	27	80
DYADYNID	2	
DYAEND	18C	
DYAFDJST	1A	80
DYAFLAGS	24	
DYAFLAG1	24	
DYAFLAG2	25	
DYAFLAG3	27	0
DYAFSIZ	18C	
DYAGDG	61	2
DYAID	4	C4E8C140
DYAINOP	61	80
DYAJBID	E	
DYAJFCB	DC	
DYAJFX1	2C	
DYAJFX2	DC	
DYALIST	C	10
DYALNGTH	0	

Table 149. Cross Reference for IATYDYA (continued)

Name	Offset	Hex Tag
DYAMDSRC	C	
DYAMEDIA	2A	
DYAMOD	60	80
DYANDJST	1A	40
DYANEW	60	C0
DYANEXT	8	
DYAOLD	60	40
DYAOUNIT	16	
DYAOUTOP	61	40
DYAREND	18C	
DYARESP	E	
DYARESV	F	
DYARFLG	1A	
DYARORG	18C	
DYARSIZE	18C	
DYASEND	E	
DYASEQ	20	
DYASETTY	2B	
DYASHR	60	8
DYASIOT	2C	
DYASLOT	2C	B0
DYASMS	C	4
DYASSIZE	E	
DYASTART	0	
DYASTEPN	D	
DYATEOB	C	1
DYATJFX	C	40
DYATSAQD	C	20
DYATSIJF	C	80
DYATTERM	C	2
DYATYPE	C	
DYAULIST	18C	

IATYDYD information

IATYDYD programming interface information

IATYDYD is a programming interface.

IATYDYD heading information

Common name: DYNAMIC ALLOCATION DATA SET NAME TABLE

Macro ID: IATYDYD

DSECT name: IATYDYD

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes:	Subpool: 241 Key: JES key Data Space: None Residency: Any
Size:	8 byte fixed portion + variable portion per DSN
Created by:	IATINMD
Pointed to by:	SVTDYD field of the SVT data area
Serialization:	None
Function:	Contains internal representation of data set names for which JES3 provides or bypasses data set integrity protection; built from JES3 DYNALDSN initialization statements.

IATYDYD mapping

Table 150. Structure IATYDYD

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATYDYD	* X
0	(0)	BITSTRING	1	DYDFLAG	
		1...		DYDBYP	"X'80'" SET AT INIT TIME ON = BYPASS MDS DS ENQ OFF= PROTECT VIA MDS
		THIS LINE DELETED BY APAR OY65511 THIS LINE DELETED BY APAR OY65511			
1	(1)	BITSTRING	1		RESERVED FOR JES3
2	(2)	SIGNED	2	DYDENTLN	TOTAL ENTRY LENGTH
4	(4)	SIGNED	2		RESERVED FOR JES3
6	(6)	SIGNED	2		AVAILABLE FOR USER
8	(8)	BITSTRING	1	DYDFIXL(0)	SIZE OF FIXED PORTION
DSNAME SPECIFICATION IS IN THE FOLLOWING FORM: (A) ONE BYTE - LENGTH OF FOLLOWING TEXT (B) VARIABLE TEXT OF DSN, UP TO ?, , OR END. (C) ONE BYTE FUNCTION CODE.					
8	(8)	BITSTRING	1	DYDTEXT	DSNAME TEXT SPECIFICATION
8	(8)	X'8'	0	DYDLNTH	"DYDTEXT" LENGTH BYTE
8	(8)	X'8'	0	DYDFUNC	"DYDTEXT" FUNCTION CODE BYTE
		....		DYDALPHA	"X'00'" END OF DSN WITHOUT * OR ?
		.... .1..		DYDSTAR	"X'04'" END OF DSN WITH *
		.... 1...		DYDENDQM	"X'08'" END OF DSN WITH ?
		.... 11..		DYDIMBQM	"X'0C'" IMBEDDED ?. REPEAT (A)(B)(C
9	(9)	BITSTRING	1	DYDNEXT	FOR STEP TO NEXT POSITION

Table 151. Cross Reference for IATYDYD

Name	Offset	Hex Tag
DYDALPHA	8	0
DYDBYP	0	80
DYDENDQM	8	8
DYDENTLN	2	
DYDFIXL	8	
DYDFLAG	0	
DYDFUNC	8	8
DYDIMBQM	8	C

Table 151. Cross Reference for IATYDYD (continued)

Name	Offset	Hex Tag
DYDLNTH	8	8
DYDNEXT	9	
DYDSTAR	8	4
DYDTEXT	8	
IATYDYD	0	

IATYDYN information

IATYDYN heading information

Common name: DYNAL FCT DATA AREA

Macro ID: IATYDYN

DSECT name: DYNSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: NONE

Storage attributes: Main Storage: JESPOOL
Auxiliary Storage: JES3 SPOOL

Size: DYNSIZE

Created by: IATINDY

Pointed to by: DYNDYNP in IATYTVT

Serialization: None

Function: This data area contains information about the requests being processed by the DYNAL FCT.

IATYDYN mapping

Table 152. Structure DYNSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	DYNSTART	
0	(0)	BITSTRING	6	DYNTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	DYNCNT	USER COUNT.
8	(8)	CHARACTER	4	DYNID	File id.
12	(C)	BITSTRING	12	DYNCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	DYNVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	DYNDATA(0)	START OF USER DATA AREA.
28	(1C)	BITSTRING	12	DYNCKFDB	CHECKPOINT FDB
40	(28)	SIGNED	4	DYNCURSA	PTR TO CURRENT STAGING AREA
44	(2C)	SIGNED	4	DYNDUMP(0)	START OF UNFORMATTED DUMP DATA
44	(2C)	SIGNED	4	DYNSUBSV(18)	SAVE AREA FOR DYSB
SUBROUTINE ADDRESSES OF ROUTINES FOUND IN IATDYSB.					
116	(74)	SIGNED	4	DYSUBSRT(0)	BEGINNING OF EP LIST
116	(74)	ADDRESS	4	DYDJSGET	GET SLOT ROUTINE
120	(78)	ADDRESS	4	DYDJSADD	ADD SLOTS ROUTINE
124	(7C)	ADDRESS	4	DYDJSDEL	DELETE DD ROUTINE
128	(80)	ADDRESS	4	DYDJSLOC	FIND DD ROUTINE

Table 152. Structure DYNSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
132	(84)	ADDRESS	4	DYDWRITE	WRITE ERROR SUBROUTINE
136	(88)	ADDRESS	4	DYDCHECK	I/O CHECK SUBROUTINE
140	(8C)	ADDRESS	4	DYDRQRY1	1ST LEVEL RETRY SUBROUTINE
144	(90)	ADDRESS	4	DYDRQRY2	2ND LEVEL RETRY SUBROUTINE
148	(94)	ADDRESS	4	DYDCOUNT	COUNT SUBROUTINE
152	(98)	SIGNED	4	DYSUBEND(0)	END OF IATDYSB ENTRY POINTS
152	(98)	SIGNED	4	DYNPMDSD	PTR TO MDSDATA
156	(9C)	SIGNED	4	DYNPDYQ	PTR TO DYQSTART
160	(A0)	SIGNED	4	DYNPECF	PTR TO IATYECF
164	(A4)	SIGNED	4	DYNCMPC	PTR TO CURRENT MPC
168	(A8)	SIGNED	4	DYNPFCT	PTR TO DYNAL FCT
172	(AC)	BITSTRING	1	DYNFLG1	FLG1 FLAG BYTE 1
		1...		DYNWTSL	"X'80'" WAITING FOR ECF SLOT
		.1..		DYNRTRY	"X'40'" RETRY ACTIVE
		..1.		DYNRBSY	"X'20'" RESUME PROCESS AFTER BUSY CLEARS
		...1		DYNRIOC	"X'10'" RESUME PROCESS WHEN I/O COMPLETE
		.... 1...		DYNALSA	"X'08'" PROCESS ALLOCATION SA
		.... .1..		DYNUNSA	"X'04'" PROCESS UNALLOCATION SA
		.... ..1.		DYNCDDSA	"X'02'" PROCESS CHANGE DDNAME SA
		1		DYNEXTSA	"X'01'" GET NEXT SA IN CHAIN
173	(AD)	BITSTRING	1	DYNFLG2	FLG2 FLAG BYTE 2
		1...		DYNWTANC	"X'80'" WAITING FOR DJST ANCHOR
		.1..		DYNSATIS	"X'40'" INDICATES REQUEST SATISFIED
		..1.		DYNREJEC	"X'20'" INDICATES REJECT REQUEST
		...1		DYNSNMDS	"X'10'" INDICATES SEND TO MDS
		.... 1...		DYNFDSER	"X'08'" INDIC FIRST DJST SERIALIZED
		.... .1..		DYNDCSBT	"X'04'" INDIC DJST-CSBT IN USE
		.... ..1.		DYNDYCOU	"X'02'" CALLER IS DYCOUNTU ROUTINE
		1		DYNJSERV	"X'01'" INDICATE JSERV WAS CALLED
174	(AE)	SIGNED	2	DYNSCAN	RPN OF ECF SCAN START
176	(B0)	BITSTRING	1	DYNERRCD	ERROR REASON CODE RETURNED BY IATXMDCT
177	(B1)	BITSTRING	1	DYNRSV1(3)	RESERVED FOR DEVELOPMENT
180	(B4)	SIGNED	4	DYNTSAV9	TEMPORARY SAVE AREA 9
184	(B8)	SIGNED	4	DYNRSV3	RESERVED FOR USER
188	(BC)	SIGNED	4	DYNTSAVE	TEMPORARY SAVE AREA 1
192	(C0)	BITSTRING	8	DYNTSV34(0)	DYNTSAV3 & DYNTSAV4
192	(C0)	SIGNED	4	DYNTSAV3	TEMPORARY SAVE AREA 3
196	(C4)	SIGNED	4	DYNTSAV4	TEMPORARY SAVE AREA 4
200	(C8)	SIGNED	4	DYNTSAV5	TEMPORARY SAVE AREA 5
204	(CC)	SIGNED	4	DYNTSAV6	TEMPORARY SAVE AREA 6
208	(D0)	SIGNED	4	DYNTSAV8	TEMPORARY SAVE AREA 8
212	(D4)	SIGNED	2	DYNHSAV	HALFWORD SAVE AREA
214	(D6)	CHARACTER	121	DYNMSG(0)	SPACE FOR IAT5830/IAT5255 MSG

Table 152. Structure DYNSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
214	(D6)	ADDRESS	1	DYNMSGLN	MSG LENGTH
215	(D7)	CHARACTER	8	DYNMSGNO	MSG NUMBER
223	(DF)	CHARACTER	66	DYNMSGTY(0)	MSG DATA
		FOR MESSAGE THAT HAS INSERTED PARTS			
223	(DF)	CHARACTER	7	DYNTEXT1	TEXT PART 1
230	(E6)	CHARACTER	6	DYNTEXT2	TEXT PART 2
236	(EC)	CHARACTER	34	DYNTEXT3	TEXT PART 3
270	(10E)	CHARACTER	8	DYNTEXT4	TEXT PART 4
278	(116)	CHARACTER	2	DYNTEXT5	TEXT PART 5
280	(118)	CHARACTER	8	DYNTEXT6	TEXT PART 6
288	(120)	CHARACTER	1	DYNTEXT7	TEXT PART 7
289	(121)	CHARACTER	46	DYNMSGSP	MSG SPACE
336	(150)	SIGNED	4	DYNMSGED(0)	END OF MSG
336	(150)	SIGNED	4	DYNRSVD1(2)	RESERVED FOR DEVELOPMENT
344	(158)	SIGNED	4	DYNRSVS1(2)	RESERVED FOR SERVICE
352	(160)	SIGNED	4	DYNRSVU1	RESERVED FOR USER
		THESE NEXT FEW RESERVED BYTES HAVE BEEN PLACED HERE SO THAT THE CHECKPOINTED FIELD (DYNCKAL) DOES NOT OVERLAY SOME IMPORTANT FIELDS.			
356	(164)	BITSTRING	12	DYNCKRSV	RESERVED FOR CHKPT INTEGRITY
		ANY NEW FIELDS ADDED TO THIS CONTROL BLOCK SHOULD BE ADDED AFTER THESE FIELD DEFINITIONS. SUBROUTINE ADDRESSES OF ROUTINES FOUND IN IATDYDR.			
368	(170)	ADDRESS	4	DYNRELJ	RELEASE JST
		VARY OFFLINE COMMAND			
372	(174)	ADDRESS	1	DYNVCMD	VARY OFFLINE COMMAND
373	(175)	CHARACTER	3	DYNVST	
376	(178)	CHARACTER	4	DYNVDEV	DEVICE NUMBER IN EBCDIC
385	(181)	CHARACTER	8	DYNVPROC	PROCESSOR NAME
385	(181)	X'189'	0	DYNVEND	"*"
393	(189)	BITSTRING	3	DYNRSVD2	RESERVED FOR DEVELOPMENT
		SAVE AREAS FOR BASE REGS AND RETURN ADDRESSES THIS LINE DELETED BY APAR OY64922			
396	(18C)	SIGNED	4	DYNTSV10	TEMPORARY SAVE AREA 10
400	(190)	SIGNED	4	DYNGCSVA	DYDR GET CSBT R10 SAVE AREA
404	(194)	SIGNED	4	DYNGCSVE	DYDR GET CSBT R14 SAVE AREA
408	(198)	SIGNED	2	DYNBUFNO	TEMP DJST BUF NUM SAVE AREA
410	(19A)	BITSTRING	1	DYNDECF	DUMMY ECF FOR DYNADECF
410	(19A)	X'1'	0	DYNDPOST	"1" DUMMY POST FOR THE ECF
412	(19C)	SIGNED	4	DYNEND(0)	END OF DYN
412	(19C)	X'19C'	0	DYNSIZE	"(DYNEND-DYNSTART)" SIZE OF DYN

Table 152. Structure DYNSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description

					`=== CHECKPOINTED DYN/ELB === 0`
					`ONLY FIELDS DEFINED IN THIS SECTION NEED TO EXIST 0`
					`IN THE SPOOL CHECKPOINT OVER A HOT START. 0`
					`REST OF DYN/ELB IS CHECKPOINTED FOR DYSB RECOVERY. 0`
					`ENSURE THESE FIELDS DO NOT OVERLAY THOSE NEEDED 0`
					`BY DYSB RECOVERY ROUTINE. 0`
					`FOR COMPATIBILITY THESE OFFSETS MUST NOT BE CHANGED 0`

0	(0)	SIGNED	4	DYNCHKPT(0)	CHECKPOINTED DYN/ELB 0262
0	(0)	BITSTRING	1	(122)	RESERVED FOR COMPATIBILTY 0262
378	(17A)	SIGNED	2	DYNCKAL	CHECKPOINTED ECF COUNT 0262 (ELBALOW/ ECFALOW) 0262
378	(17A)	X'17C'	0	DYNCEND	"*" END OF CHECKPOINTED DYN/ELB 0262
378	(17A)	X'17C'	0	DYNCKSIZ	"(DYNCEND-DYNSTART)" SIZE OF CHECKPOINT DYN/ELB 0262

Table 153. Cross Reference for IATYDYN

Name	Offset	Hex Tag
DYDCHECK	88	
DYDCOUNT	94	
DYDJSADD	78	
DYDJSDEL	7C	
DYDJSGET	74	
DYDJSLOC	80	
DYDRQRY1	8C	
DYDRQRY2	90	
DYDWRITE	84	
DYNALSA	AC	8
DYNBUFNO	198	0
DYNCDDSA	AC	2
DYNCEND	17A	17C
DYNCHKPT	0	
DYNCHN	C	0
DYNCKAL	17A	
DYNCKFDB	1C	0
DYNCKRSV	164	0
DYNCKSIZ	17A	17C
DYNCMPC	A4	0
DYNCNT	6	0
DYNCURSA	28	0
DYNDATA	1C	
DYNDCSBT	AD	4
DYNDECF	19A	0
DYNDPOST	19A	1
DYNDUMP	2C	
DYNDYCOU	AD	2
DYNEND	19C	
DYNERRCD	B0	
DYNEXTSA	AC	1

Table 153. Cross Reference for IATYDYN (continued)

Name	Offset	Hex Tag
DYNFDSER	AD	8
DYNFLG1	AC	0
DYNFLG2	AD	0
DYNGCSVA	190	0
DYNGCSVE	194	0
DYNHSAV	D4	0
DYNID	8	C4E8D540
DYNJSERV	AD	1
DYNMSG	D6	
DYNMSGED	150	
DYNMSGLN	D6	
DYNMSGNO	D7	C9C1E3F5
DYNMSGSP	121	40404040
DYNMSGTY	DF	
DYNPDYQ	9C	0
DYNPECF	A0	0
DYNPFCT	A8	0
DYNPMDSD	98	0
DYNRBSY	AC	20
DYNREJEC	AD	20
DYNRELJ	170	
DYNRIOC	AC	10
DYNRSVD1	150	
DYNRSVD2	189	
DYNRSVS1	158	
DYNRSVU1	160	
DYNRSV1	B1	0
DYNRSV3	B8	
DYNRTRY	AC	40
DYNSATIS	AD	40
DYNSCAN	AE	0
DYNSIZE	19C	19C
DYNSNMDS	AD	10
DYNSTART	0	
DYNSUBSV	2C	0
DYNTEXT1	DF	40404040
DYNTEXT2	E6	40404040
DYNTEXT3	EC	40404040
DYNTEXT4	10E	40404040
DYNTEXT5	116	4040
DYNTEXT6	118	40404040
DYNTEXT7	120	40
DYNTRK	0	0
DYNTSAVE	BC	0
DYNTSAV3	C0	0
DYNTSAV4	C4	0

Table 153. Cross Reference for IATYDYN (continued)

Name	Offset	Hex Tag
DYNTSAV5	C8	0
DYNTSAV6	CC	0
DYNTSAV8	D0	0
DYNTSAV9	B4	
DYNTSV10	18C	0
DYNTSV34	C0	
DYNUNSA	AC	4
DYNVCMD	174	
DYNVDEV	178	40404040
DYNVEND	181	189
DYNVLID	18	0
DYNVPROC	181	40404040
DYNVST	175	5CE540
DYNWTANC	AD	80
DYNWTSL	AC	80
DYSUBEND	98	
DYSUBSRT	74	

IATYDYQ information

IATYDYQ heading information

Common name: DYNAMIC ALLOCATION QUEUE ENTRIES

Macro ID: IATYDYQ

DSECT name: DYQSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: DYQ
Offset: 0
Length: 4

Storage attributes: Main Storage: JESPOOL
Auxiliary Storage: N/A

Size: 216 Bytes

Created by: IATINDY

Pointed to by: DYNPDYQ in IATYDYN

Serialization: None

Function: Contains information about each request. Built when first READ is issued or when an ATIME is set up for an allocation request, lasts until last WRITE/RELEASE for the request. User specified limit. RPN corresponds to RPN of the ECF in the list. RPN 0 used only for MDS job term processing.

IATYDYQ mapping

Table 154. Structure DYQSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	DYQSTART	DYNAMIC QUEUE ENTRIES
0	(0)	CHARACTER	4	DYQID	'DYQ ' IDENTIFIER

Table 154. Structure DYQSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
4	(4)	SIGNED	4	DYQNTRY(0)	BEGINNING OF ENTRY VARIABLE INFO
4	(4)	SIGNED	4	DYQPDSA	PTR DYN STAGING AREA
8	(8)	SIGNED	4	DYQPRSQ	PTR TO RESQUEUE
12	(C)	SIGNED	4	DYQPECF	PTR TO ECF SLOT
16	(10)	SIGNED	4	DYQPMPC	PTR TO MPC
20	(14)	SIGNED	4	DYQRFIO	RETURN ADDR WHEN I/O COMPLETES
24	(18)	SIGNED	4	DYQCHDJS	ADDR JST/DJST TO CHAIN NEW DJST
28	(1C)	SIGNED	4	DYQRFBSY	RETURN ADDR WHEN BUSY CLEARS
32	(20)	ADDRESS	4	DYQFDJAD	PTR TO FIRST DJST IN STOR.
36	(24)	ADDRESS	4	DYQCDJAD	PTR TO CURRENT DJST
40	(28)	ADDRESS	4	DYQFCENT	PTR TO FIRST CSBT ENTRY
44	(2C)	ADDRESS	4	DYQCCENT	PTR TO CURRENT CSBT ENTRY
48	(30)	ADDRESS	4	DYQBASAD	BASE REG SAVE AREA
52	(34)	SIGNED	4	(0)	ALIGN TO FULLWORD
52	(34)	BITSTRING	12	DYQCFDB	CURRENT FDB TO RD/WR/REL
64	(40)	BITSTRING	12	DYQNCFDB	NEXT CURRENT FDB TO RD/WR/REL
76	(4C)	SIGNED	2	DYQBUFNO	CURRENT DJST BUFFER NUMBER
78	(4E)	SIGNED	2	DYQRSVD	RESERVED FOR DEVELOPMENT
80	(50)	SIGNED	4	DYQBCHJ	ADDR OF BATCH JST BUFFER
84	(54)	SIGNED	4	DYQBSTEP	ADDR OF CURRENT STEP ENTRY
88	(58)	SIGNED	4	DYQBUFSV	MISC. BUFFER SAVE AREA
92	(5C)	SIGNED	4	DYQDCFDB	PTR TO FDB FOR DYCOUNTU I/O
96	(60)	SIGNED	2	DYQDYBNO	DYCOUNTU RTN BUFFER COUNTER
98	(62)	SIGNED	2	DYQRSVD3	Reserved for IBM
		DSQDSCTR is within the scope of a single job and will never be large enough to require a fullword. However, it is defined as a fullword to make it more convenient to manipulate in conjunction with DSNUSECT.			
100	(64)	SIGNED	4	DYQDSCTR	Number of times data set used by current job
104	(68)	SIGNED	4	DYQREGSV(5)	Misc. register save area
		THE FOLLOWING LABELS MAP THE 6 WORDS AT DYQREGSV, AS USED BY THE DYCOUNTU AND DYCJSTCH ROUTINES IN IATDYDR.			
104	(68)	SIGNED	4	DYQSVR14	SAVE AREA FOR INPUT REG 14
108	(6C)	SIGNED	4	DYQSVDSN	SAVE AREA FOR SETDSN
112	(70)	SIGNED	4	DYQSVSLT	SAVE AREA FOR DJST SLOT
116	(74)	SIGNED	4	DYQTSAV6	SAVE AREA FOR DYNTSAV6
120	(78)	SIGNED	4	DYQSVR4	SAVE AREA FOR INPUT REG 4
124	(7C)	SIGNED	4	DYQRSVS1(7)	RESERVED FOR SERVICE
152	(98)	DBL WORD	8	DYQTODAC	TOD when an allocation rqst was first suspended
152	(98)	X'98'	0	DYQTODAS	"DYQTODAC,4" 'Seconds' portion of TOD
160	(A0)	SIGNED	2	DYQCHPR	COUNT OF CHG DDN ENTRIES
162	(A2)	SIGNED	2	DYQERPN	REL POS OF ECF
164	(A4)	BITSTRING	12	DYQLWFDB	LAST WRITE FDB

Table 154. Structure DYQSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
176	(B0)	BITSTRING	1	DYQSTPNO	BINARY STEP NUMBER
177	(B1)	BITSTRING	1	DYQFLG1	FLAG BYTE 1
	Definition of DYQFLG1				
		1...		DYQALLOC	"X'80'" ALLOC REQUEST
		.1..		DYQDJSTR	"X'40'" READ DJST ACTIVE
		..1.		DYQJSTR	"X'20'" READ JST ACTIVE
		...1		DYQUNAL	"X'10'" UNALLOC REQUEST
		.... 1...		DYQRPDJS	"X'08'" RELEASE PREVIOUS DJST
		.... .1..		DYQWFDJS	"X'04'" WRITE THE 1ST DJST
		.... ..1.		DYQDJSW	"X'02'" WRITE DJST ACTIVE
		1		DYQJSTW	"X'01'" WRITE JST ACTIVE
178	(B2)	BITSTRING	1	DYQFLG2	FLAG BYTE 2
	Definition of DYQFLG2				
		1...		DYQFDJST	"X'80'" 1ST DJST CREATE IN PROGRESS
		.1..		DYQNDJST	"X'40'" NEW DJST
		..1.		DYQBSYB	"X'20'" AGETBUF BUSY
		...1		DYQBSYRD	"X'10'" READ MUST BE REISSUED
		.... 1...		DYQBSYWR	"X'08'" WRITE MUST BE REISSUED
		.... .1..		DYQCHGDD	"X'04'" CHANGE DDNAME REQUEST
		.... ..1.		DYQADJST	"X'02'" ACTIVE DJST ENTRY EXISTS
		1		DYQCHDD	"X'01'" CHG DDN MADE IN THIS DJST
179	(B3)	BITSTRING	1	DYQFLG3	FLAG BYTE 3
	Definition of DYQFLG3				
		1...		DYQACOMP	"X'80'" ALLOCATIONS COMPLETE
		.1..		DYQPDJST	"X'40'" NEW 1ST DJST PREALLOCATED
		..1.		DYQFDTMP	"X'20'" TEMP ALTERED JST CHAIN FDB
		...1		DYQDCSBT	"X'10'" CSBT STRUCTURE IS IN USE
		.... 1...		DYQSERFR	"X'08'" FIRST DJST IS SERIALIZED
		.... .1..		DYQSERBS	"X'04'" BUSY COND AT SERIALIZATION
		.... ..1.		DYQJSTIN	"X'02'" JST HAS BEEN READ IN
		1		DYQNJST	"X'01'" READ FOR NTH JST ACTIVE
180	(B4)	BITSTRING	6	DYQJST	SAVE AREA FOR JST CHAIN FLD
186	(BA)	BITSTRING	1	DYQFLG4	FLAG BYTE 4
	Definition of DYQFLG4				
		1...		DYQFDDJS	"X'80'" TEMP ALTERED DJST CHAIN FDB
		.1..		DYQDYCO	"X'40'" DYCOUNTU RTN READING DJST
		..1.		DYQSCNCT	"X'20'" DSN USES BEING COUNTED (DSNSCNCT WAS INCREMENTED)
		...1		DYQWTBIT	"X'10'" Wait a bit - waiting for potential unallocation
		.... 1...		DYQTIMWT	"X'08'" This request waiting for timer expiration

Table 154. Structure DYQSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... .1..		DYQRETRY	"X'04'" Retry this request
		.... ..1.		DYQFL402	"X'02'" Reserved bit for IBM
		1		DYQFL401	"X'01'" Reserved bit for IBM
187	(BB)	BITSTRING	1	DYQECF	ECF for ATIME expiration
		1...		DYQTMUP	"X'80'" Post when ATIME expires
188	(BC)	SIGNED	4	DYQRSH1	RESERVED FOR DEVELOPMENT
192	(C0)	SIGNED	4	DYQJOBNO	Binary job number
196	(C4)	SIGNED	4	DYQRSH3	RESERVED FOR USER
196	(C4)	X'C8'	0	DYQEND	"*" END OF DYQ
196	(C4)	X'C8'	0	DYQSIZE	"(DYQEND-DYQSTART)" SIZE OF DYQ
196	(C4)	X'C4'	0	DYQCLRSZ	"(DYQEND-DYQNTRY)" SIZE OF THE DYQ ENTRY TO CLEAR

Table 155. Cross Reference for IATYDYQ

Name	Offset	Hex Tag
DYQACOMP	B3	80
DYQADJST	B2	2
DYQALLOC	B1	80
DYQBASAD	30	
DYQBCHJ	50	
DYQBSTEP	54	
DYQBSYB	B2	20
DYQBSYRD	B2	10
DYQBSYWR	B2	8
DYQBUFNO	4C	0
DYQBUFSV	58	
DYQCCENT	2C	
DYQCDJAD	24	
DYQCFDB	34	0
DYQCHDD	B2	1
DYQCHDJS	18	0
DYQCHGDD	B2	4
DYQCHPR	A0	0
DYQCLRSZ	C4	C4
DYQDCFDB	5C	
DYQDCSBT	B3	10
DYQDJSTR	B1	40
DYQDJSW	B1	2
DYQDSCTR	64	
DYQDYBNO	60	
DYQDYCO	BA	40
DYQECF	BB	
DYQEND	C4	C8
DYQERPN	A2	0
DYQFCENT	28	
DYQFDDJS	BA	80

Table 155. Cross Reference for IATYDYQ (continued)

Name	Offset	Hex Tag
DYQFDJAD	20	
DYQFDJST	B2	80
DYQFDTMP	B3	20
DYQFLG1	B1	0
DYQFLG2	B2	0
DYQFLG3	B3	0
DYQFLG4	BA	0
DYQFL401	BA	1
DYQFL402	BA	2
DYQID	0	
DYQJOBNO	C0	
DYQJST	B4	
DYQJSTIN	B3	2
DYQJSTR	B1	20
DYQJSTW	B1	1
DYQLWFDB	A4	0
DYQNCFDB	40	0
DYQNDJST	B2	40
DYQNJST	B3	1
DYQNTRY	4	
DYQPDJST	B3	40
DYQPDSA	4	0
DYQPECF	C	0
DYQPMPC	10	0
DYQPRSQ	8	0
DYQREGSV	68	
DYQRETRY	BA	4
DYQRFBSY	1C	0
DYQRFIO	14	0
DYQRPDJS	B1	8
DYQRSH1	BC	
DYQRSH3	C4	
DYQRSVD	4E	0
DYQRSVD3	62	
DYQRSVS1	7C	
DYQSCNCT	BA	20
DYQSERBS	B3	4
DYQSERFR	B3	8
DYQSIZE	C4	C8
DYQSTART	0	
DYQSTPNO	B0	0
DYQSVDSN	6C	
DYQSVR14	68	
DYQSVR4	78	
DYQSVSLT	70	
DYQTIMWT	BA	8

Table 155. Cross Reference for IATYDYQ (continued)

Name	Offset	Hex Tag
DYQTMUP	BB	80
DYQTODAC	98	
DYQTODAS	98	98
DYQTSAV6	74	
DYQUNAL	B1	10
DYQWFDJS	B1	4
DYQWTBIT	BA	10

IATYDYR information

IATYDYR heading information

Common name: DYNAMIC ALLOCATION RECORD CONTROL BLOCK

Macro ID: IATYDYR

DSECT name: IATYDYR

Owning component: JES3 (SC1BA)

Eye-catcher ID: DYR
Offset: 0
Length: 4

Storage attributes: Main Storage: SUBPOOL 255
Auxiliary Storage: N/A

Size: 32 Bytes

Created by: IATSICA

Pointed to by: AWADYR in IATYAWA

Serialization: None

Function: Used by a local processor to record which dynamic allocations have been bypassed from Global MDS processing.

IATYDYR mapping

Table 156. Structure IATYDYR

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATYDYR	
0	(0)	CHARACTER	4	DYRDYR	DUMP LOCATOR
4	(4)	SIGNED	4	DYRCHAIN	NEXT (LIFO) DYR ENTRY
8	(8)	BITSTRING	1	DYRFLAG	FLAGS
		1...		DYRBYP	"X'80'" DYNAL BYPASSED FROM MDS
		.1..		DYRDYFCT	"X'40'" DYNAL SENT TO NEW FCT.
		NO DYR ENTRY EXISTS FOR DYNALS SENT TO MDS FCT.			
9	(9)	BITSTRING	1	DYRSTEP	STEP NUMBER WHEN DYNAL OCCRD
10	(A)	CHARACTER	8	DYRDDNAM	DDNAME OF DYNALLOC
18	(12)	SIGNED	2	DYRRPN	RELATIVE POSITION NUMBER.
20	(14)	SIGNED	2	DYRBUFNO	DJST BUFFER NUMBER
22	(16)	SIGNED	2	DYRRSVD1	RESERVED FOR DEVELOPMENT
24	(18)	SIGNED	4		RESERVED FOR JES3
28	(1C)	SIGNED	4		AVAILABLE FOR USER.

Table 156. Structure IATYDYR (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
32	(20)	BITSTRING	1	DYRSIZE(0)	CONTROL BLOCK LENGTH.
32	(20)	X'FF'	0	DYRPOOL	"255" LSQA SUBPOOL FOR DYR

Table 157. Cross Reference for IATYDYR

Name	Offset	Hex Tag
DYRBUFNO	14	
DYRBYP	8	80
DYRCHAIN	4	
DYRDDNAM	A	
DYRDYFCT	8	40
DYRDYR	0	C4E8D940
DYRFLAG	8	
DYRPOOL	20	FF
DYRRPN	12	
DYRRSVD1	16	
DYRSIZE	20	
DYRSTEP	9	
IATYDYR	0	

IATYD037 information

IATYD037 heading information

Common name: DM037 Abend Reason Codes

Macro ID: IATYD037

DSECT name: None

Owning component: JES3 (SC1BA)

Eye-catcher ID: NONE

Storage attributes:
Main Storage: N/A
Virtual Storage: N/A
Auxiliary Storage: N/A
Subpool: N/A
Key: N/A
Data Space: N/A
Residency: N/A

Size: N/A

Created by: N/A

Pointed to by: N/A

Serialization: NONE

Function: This macro contains the equates for the DM037 abend reason codes.

IATYD037 mapping

Table 158. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

Table 158. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
					DM037 Abend Reason Codes 01 Change Activity: $RQ= OS250 HJS6605 970730 PD0VW: OS 2.5.0 0 Reason Code 1 An invalid function code was passed to the IATXVIO service routine. Debugging Information: R2 = Invalid function code
	1			D037R001	"X'0001'" Reason code 1
					Reason Code 2 An IATXBPL error occurred while attempting to create the VIO element cellpool during IATXVIO JOBVAL_INIT processing. Debugging Information: R2 = IATXBPL return code
	.... ..1.			D037R002	"X'0002'" Reason code 2
					Reason Code 3 An IATXGCL error occurred while attempting to get a VIO cell from the cellpool during IATXVIO ADD_READ processing. Debugging Information: R2 = IATXGCL return code R7 = VIW address R13 = JVD address
	11			D037R003	"X'0003'" Reason code 3
					Reason Code 4 The VIO element for the requested spool record could not be found for an IATXVIO ADD_WRITE request. Debugging Information: R7 = VIW address R13 = JVD address
	.... .1..			D037R004	"X'0004'" Reason code 4
					Reason Code 5 The VIO element for the requested spool record could not be found for an IATXVIO GET request. Debugging Information: R7 = VIW address R13 = JVD address
	.... .1.1			D037R005	"X'0005'" Reason code 5
					Reason Code 6 The VIO element for the requested spool record could not be found for an IATXVIO DELETE request. Debugging Information: R7 = VIW address R13 = JVD address
	.... .11.			D037R006	"X'0006'" Reason code 6
					Reason Code 7 The VIO element for the requested spool record could not be found for an IATXVIO WRITE_CHECK request. Debugging Information: R7 = VIW address R13 = JVD address
	.... .111			D037R007	"X'0007'" Reason code 7

Table 158. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
					Reason Code 8 The VIO element for the requested spool record could not be found for an IATXVIO EXTRACT request. Debugging Information: R7 = VIW address R13 = JVD address
		.... 1...		D037R008	"X'0008'" Reason code 8
					Reason Code 9 An IATXVIO ADD_WRITE request was issued but the caller did not successfully complete a read request for this spool record (i.e. an IATXVIO ADD_READ was not done or the read I/O did not complete successfully. Debugging Information: R2 = Byte 1 = 0 Byte 2 = 0 Byte 3 = VIO read status flag 1 (VIORFLG1) Byte 4 = VIO read status flag 2 (VIORFLG2) R6 = VIO address R7 = VIW address R13 = JVD address
		.... 1..1		D037R009	"X'0009'" Reason code 9
					Reason Code 10 (X'000A') An IATXVIO ADD_WRITE request was issued but there is another write request pending for this spool record. Debugging Information: R2 = Byte 1 = 0 Byte 2 = 0 Byte 3 = VIO write status flag 1 (VIOWFLG1) Byte 4 = VIO write status flag 2 (VIOWFLG2) R6 = VIO address R7 = VIW address R13 = JVD address
		.... 1.1.		D037R010	"X'000A'" Reason code 10
					Reason Code 11 (X'000B') An IATXVIO ADD_WRITE request was issued and the control block id does not match the one provided when the spool record was read. Debugging Information: R2 = Bad control block id R6 = VIO address R7 = VIW address R13 = JVD address
		.... 1.11		D037R011	"X'000B'" Reason code 11
					Reason Code 12 (X'000C') An IATXIOX service returned indicating that the write I/O has not completed for an IATXVIO WRITE_CHECK request (even though we think it has completed). Debugging Information: R6 = VIO address R7 = VIW address R13 = JVD address
		.... 11..		D037R012	"X'000C'" Reason code 12
					Reason Code 13 (X'000D') An IATXRCL error occurred while attempting to free a VIO cell during IATXVIO DELETE processing. Debugging Information: R2 = IATXRCL return code R6 = VIO address R7 = VIW address R13 = JVD address
		.... 11.1		D037R013	"X'000D'" Reason code 13

Table 158. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
					Reason Code 14 (X'000E') An IATXVIO WRITE_CHECK request was issued and it was determined that the read I/O did not complete successfully. Debugging Information: R2 = Byte 1 - Read status flag 1 (VIORFLG1) Byte 2 - Read status flag 1 (VIORFLG2) Byte 3 - Write status flag 1 (VIOWFLG1) Byte 4 - Write status flag 1 (VIOWFLG2) R6 = VIO address R7 = VIW address R13 = JVD address
		.... 111.		D037R014	"X'000E'" Reason code 14
					Reason Code 15 (X'000F') An IATXVIO WRITE_CHECK request was issued and it was determined that an IATXVIO ADD_WRITE request was not issued for this spool record. Debugging Information: R2 = Byte 1 - Read status flag 1 (VIORFLG1) Byte 2 - Read status flag 1 (VIORFLG2) Byte 3 - Write status flag 1 (VIOWFLG1) Byte 4 - Write status flag 1 (VIOWFLG2) R6 = VIO address R7 = VIW address R13 = JVD address
		 1111		D037R015	"X'000F'" Reason code 15
					Reason Code 16 (X'0010') During IATXVIO INITIATE processing, an IATXSIO single read request returned indicating that an error occurred. Debugging Information: R3 = DMC address R6 = VIO address R7 = VIW address R13 = JVD address
		...1		D037R016	"X'0010'" Reason code 16
					Reason Code 17 (X'0011') During IATXVIO INITIATE processing, an IATXSIO multi-read request returned indicating that an error occurred. Debugging Information: R3 = First DMC address in multi-read DMC chain R6 = VIO address R7 = VIW address R13 = JVD address
		...1 ...1		D037R017	"X'0011'" Reason code 17
					Reason Code 18 (X'0012') During IATXVIO INITIATE processing, an AWRITE request returned indicating that an error occurred. Debugging Information: R2 = Dump code returned from AWRITE R3 = Reason code returned from AWRITE R6 = VIO address R7 = VIW address R13 = JVD address
		...1 ..1.		D037R018	"X'0012'" Reason code 18
					Reason Code 19 (X'0013') During IATXVIO INITIATE processing, an AWRITE request returned indicating that it was unable to initiate the I/O (i.e. the AWRITE BUSY exit was taken). Debugging Information: R6 = VIO address R7 = VIW address R13 = JVD address

Table 158. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		...1 ..11		D037R019	"X'0013'" Reason code 19

```
Reason Code 20 (X'0014')
During IATXVIO ADD_READ processing, a VIO element
was found on the chain having the same spool address
of the spool record being added.
Debugging Information:
  R2 = First four bytes of spool address
  R3 = Byte 1 - fifth byte of spool address
       Byte 2 - sixth byte of spool address
       Byte 3 - zero
       Byte 4 - zero
  R6 = VIO address associated with spool address
  R7 = VIW address
  R13 = JVD address
```

		...1 .1..		D037R020	"X'0014'" Reason code 20

```
Reason Code 21 (X'0015')
During IATXVIO WRITE_CHECK processing, it was
determined that the AWRITE request used to initiate
the write I/O was unsuccessful. This reason code
is used to cause the calling FCT's recovery
routine to be entered.
Debugging Information:
  None. This reason code is used to cause the
  calling FCT's recovery routine to be entered.
  Diagnostic information has already been provided
  by the INITIATE service when the AWRITE error
  was detected.
```

		...1 .1.1		D037R021	"X'0015'" Reason code 21

```
Reason Code 22 (X'0016')
A VIW already existed when an IATXVIO FCT_INIT
request was issued (probably caused by more than
one IATXVIO FCT_INIT request).
Debugging Information:
  R7 = VIW address
```

		...1 .11.		D037R022	"X'0016'" Reason code 22

Table 159. Cross Reference for IATYD037

Name	Offset	Hex Tag
D037R001	0	1
D037R002	0	2
D037R003	0	3
D037R004	0	4
D037R005	0	5
D037R006	0	6
D037R007	0	7
D037R008	0	8
D037R009	0	9
D037R010	0	A
D037R011	0	B
D037R012	0	C
D037R013	0	D
D037R014	0	E
D037R015	0	F
D037R016	0	10
D037R017	0	11
D037R018	0	12

Table 159. Cross Reference for IATYD037 (continued)

Name	Offset	Hex Tag
D037R019	0	13
D037R020	0	14
D037R021	0	15
D037R022	0	16

IATYD671 information

IATYD671 heading information

Common name: DM671 Abend Reason Codes

Macro ID: IATYD671

DSECT name: None

Owning component: JES3 (SC1BA)

Eye-catcher ID: NONE

Storage attributes: Main Storage: N/A
Virtual Storage: N/A
Auxiliary Storage: N/A
Subpool: N/A
Key: N/A
Data Space: N/A
Residency: N/A

Size: N/A

Created by: N/A

Pointed to by: N/A

Serialization: NONE

Function: This macro contains the equates for the DM671 abend reason codes.

IATYD671 mapping

Table 160. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

```
          DM671 Abend Reason Codes
01 Change Activity:
    $R0= PRNTWAY HJS6605 970709 PD0DR: OS 2.5.0
        Reason Code 1
        There are no fields to be modified in the IATXSWBU
        parameter list.
        Debugging Information: None
```

	1			D671R001	"X'0001'" Reason code 1

```
        Reason Code 2
        The number of fields to be modified in the IATXSWBU
        parameter list is greater than the maximum number
        of fields.
        Debugging Information:
          R2 = Number of fields to be modified
          R3 = Maximum number of fields
```

	.... ..1.			D671R002	"X'0002'" Reason code 2

Table 160. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
					Reason Code 3 The data length associated with one of the fields to be modified is not equal to the maximum data length. Debugging Information: R2 = Current data length R3 = Maximum data length R4 = Address of IATXSWBU variable entry in error.
		11		D671R003	"X'0003'" Reason code 3
					Reason Code 4 The data address associated with one of the fields to be modified is non-zero but the data length is zero. Debugging Information: R4 = Address of IATXSWBU variable entry in error.
		.... .1..		D671R004	"X'0004'" Reason code 4
					Reason Code 5 The SWB TU prefix in the output SWB TU file read from spool does not contain the correct eye catcher. Debugging Information: R2 = SWB TU prefix address
		.... .1.1		D671R005	"X'0005'" Reason code 5
					Reason Code 6 The size of the SWB TU record does not match the total size of the record returned by ADEBLOCK. Debugging Information: R2 = SWB TU prefix address R3 = Size of record returned by ADEBLOCK
		.... .11.		D671R006	"X'0006'" Reason code 6

Table 161. Cross Reference for IATYD671

Name	Offset	Hex Tag
D671R001	0	1
D671R002	0	2
D671R003	0	3
D671R004	0	4
D671R005	0	5
D671R006	0	6

IATYD678 information

IATYD678 heading information

Common name: DM678 Abend Reason Codes

Macro ID: IATYD678

DSECT name: None

Owning component: JES3 (SC1BA)

Eye-catcher ID: NONE

Storage attributes: Main Storage: N/A
Virtual Storage: N/A
Auxiliary Storage: N/A
Subpool: N/A
Key: N/A
Data Space: N/A
Residency: N/A

Size: N/A

Created by: N/A

Pointed to by: N/A

Serialization: NONE

Function: This macro contains the equates for the DM678 abend reason codes.

IATYD678 mapping

Table 162. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

```
          DM678 Abend Reason Codes
01 Change Activity:
  $S0= SDSFASST HJS7760 080813 RD0RJ: z 1.11.0
        Reason Code 1
        The SWB TU prefix in the output SWB TU file read
        from spool does not contain the correct eye
        catcher.
        Debugging Information:
          R6 = SWB TU prefix address
```

0	(0)	X'1'	0	D678R001	"1" Reason code 1

```
        Reason Code 2
        The size of the SWB TU record does not match the
        total size of the record returned by ADEBLOCK.
        Debugging Information:
          R6 = SWB TU prefix address
          R7 = Size of record returned by ADEBLOCK
```

0	(0)	X'2'	0	D678R002	"2" Reason code 2

IATYD679 information

IATYD679 heading information

Common name: DM678 Abend Reason Codes

Macro ID: IATYD678

DSECT name: None

Owning component: JES3 (SC1BA)

Eye-catcher ID: NONE

Storage attributes: Main Storage: N/A
Virtual Storage: N/A
Auxiliary Storage: N/A
Subpool: N/A
Key: N/A
Data Space: N/A
Residency: N/A

Size: N/A

Created by: N/A

Pointed to by: N/A

Serialization: NONE

Function: This macro contains the equates for the DM678 abend reason codes.

IATYD679 mapping

Table 163. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

```
          DM678 Abend Reason Codes
01 Change Activity:
  $S0= SDSFASST HJS7760 080813 RD0RJ: z 1.11.0
        Reason Code 1
        The SWB TU prefix in the output SWB TU file read
        from spool does not contain the correct eye
        catcher.
        Debugging Information:
          R6 = SWB TU prefix address
```

0	(0)	X'1'	0	D678R001	"1" Reason code 1

```
        Reason Code 2
        The size of the SWB TU record does not match the
        total size of the record returned by ADEBLOCK.
        Debugging Information:
          R6 = SWB TU prefix address
          R7 = Size of record returned by ADEBLOCK
```

0	(0)	X'2'	0	D678R002	"2" Reason code 2

IATYD759 information

IATYD759 heading information

Common name: DM759 ABEND Reason Codes

Macro ID: IATYD759

DSECT name: NONE

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Main Storage: N/A
Auxiliary Storage: N/A

Size: N/A

Created by: N/A

Pointed to by: N/A

Serialization: N/A

Function: Provide equates for the DM759 ABEND reason codes.

IATYD759 mapping

Table 164. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		
		1		R759CD01	"X'01'" IATINM3 - failure during IXZXIXAT (Attach)
		.... ..1.		R759CD02	"X'02'" IATINM3 - failure during IXZXIXMB (mail box build for the default mail box)

Table 164. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		11		R759CD03	"X'03'" IATINM3 - failure during IXZXIXMD (mailbox delete for the default mail box)
		.... .1..		R759CD04	"X'04'" IATINM3 - failure during 0113 IXCQUERY (Old global 0113 checking if all active 0113 mains have reconnected) 0113
		.... .1.1		R759CD05	"X'05'" IATINM3 - failure during IXZXIXUS (user state update for ARM)
		.... .11.		R759CD06	"X'06'" IATINM3 - the JESXCF group 0027 name is already in use in 0027 the SYSPLEX 0027
		.... .111		R759CD07	"X'07'" IATINM3 - reserved
		.... 1...		R759CD08	"X'08'" IATINM3 - reserved
		.... 1..1		R759CD09	"X'09'" IATSSDS - failure during DSQLOC (mailbox not created for DESTQ)
		.... 1.1.		R759CD0A	"X'0A'" IATSSDS - failure during DSQLOC (IXZXIXRM failed)
		.... 1.11		R759CD0B	"X'0B'" IATSSDS - failure during DSQLOC (unable to locate matching MPC for the system that sent the current message)
		.... 11..		R759CD0C	"X'0C'" IATSSDS - invalid envelope returned from JESXCF Receive Message
		.... 11.1		R759CD0D	"X'0D'" IATSSDS - failure during DSQLOC (msg delivered to wrong mailbox)
		.... 111.		R759CD0E	"X'0E'" IATSSDS - Invalid staging area returned from JESXCF Receive Message
		 1111		R759CD0F	"X'0F'" IATSSDS - failure during DSQLOC reserved
		...1		R759CD10	"X'10'" IATSSDS - failure during DSQLOC reserved
		...1 ...1		R759CD11	"X'11'" IATSSDS - failure during DLOCON (IXZXIXMB failed)
		...1 ..1.		R759CD12	"X'12'" IATSSDS - failure during DLOCON reserved
		...1 ..11		R759CD13	"X'13'" IATSSDS - failure during DLOCON reserved
		...1 .1..		R759CD14	"X'14'" IATSSDS - failure during DLOCON reserved
		...1 .1.1		R759CD15	"X'15'" IATSSDS - failure during DLOCON reserved
		...1 .11.		R759CD16	"X'16'" IATSSDS - failure during DLOCON reserved
		...1 .111		R759CD17	"X'17'" IATSSDS - failure during DLOCON reserved
		...1 1...		R759CD18	"X'18'" IATSSDS - failure during DLOCON reserved
		...1 1..1		R759CD19	"X'19'" IATSSDS - failure during DLOCOFF (IXZXIXAC failed)
		...1 1.1.		R759CD1A	"X'1A'" IATSSDS - failure during DLOCOFF (IXZXIXMD failed)
		...1 1.11		R759CD1B	"X'1B'" IATSSDS - failure during DLOCOFF reserved
		...1 11..		R759CD1C	"X'1C'" IATSSDS - failure during DLOCOFF reserved

Table 164. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		...1 11.1		R759CD1D	"X'1D'" IATSSDS - failure during DLOCOFF reserved
		...1 111.		R759CD1E	"X'1E'" IATSSDS - failure during DLOCOFF reserved
		...1 1111		R759CD1F	"X'1F'" IATSSDS - failure during DLOCOFF reserved
		..1.		R759CD20	"X'20'" IATSSDS - failure during DLOCOFF reserved
		..1. ...1		R759CD21	"X'21'" IATSSRN - failure (invalid routine index)
		..1. ..1.		R759CD22	"X'22'" IATSSRN - failure (IXZXIXMD failed)
		..1. ..11		R759CD23	"X'23'" IATSSRN - failure reserved
		..1. .1..		R759CD24	"X'24'" IATSSRN - failure reserved
		..1. .1.1		R759CD25	"X'25'" IATSSRN - failure reserved
		..1. .11.		R759CD26	"X'26'" IATSSRN - failure reserved
		..1. .111		R759CD27	"X'27'" IATSSRN - failure reserved
		..1. 1...		R759CD28	"X'28'" IATSSRN - failure reserved
		..1. 1..1		R759CD29	"X'29'" IATMSDR - failure (Mailbox build)
		..1. 1.1.		R759CD2A	"X'2A'" IATMSDR - failure (Initial Mailbox Clear)
		..1. 1.11		R759CD2B	"X'2B'" IATMSDR - failure (IXZXIXIF Error)
		..1. 11..		R759CD2C	"X'2C'" IATMSDR - failure (IXZXIXRM Error)
		..1. 11.1		R759CD2D	"X'2D'" IATMSDR - failure (IXZXIXAC Error)
		..1. 111.		R759CD2E	"X'2E'" IATMSDR - failure ("Connect Request" IXZXIXSM Error)
		..1. 1111		R759CD2F	"X'2F'" IATMSDR - failure (IXZXIXCN Error flowing messages to the connecting system)
		..11		R759CD30	"X'30'" IATMSDR - failure ("Allow Connect" IXZXIXSM Error)
		..11 ...1		R759CD31	"X'31'" IATMSDR - failure (IXZXIXIF Error after GEPL was received)
		..11 ..1.		R759CD32	"X'32'" IATMSDR - failure (IXZXIXCN Error resetting JESXCF connect state)
		..11 ..11		R759CD33	"X'33'" IATMSDR - failure (Invalid envelope returned from JESXCF Receive message)
		..11 .1..		R759CD34	"X'34'" IATMSDR - failure (IXZXIXUS failed)
		..11 .1.1		R759CD35	"X'35'" IATMSDR - failure reserved
		..11 .11.		R759CD36	"X'36'" IATMSDR - failure reserved
		..11 .111		R759CD37	"X'37'" IATMSDR - failure reserved
		..11 1...		R759CD38	"X'38'" IATMSDR - failure reserved
		..11 1..1		R759CD39	"X'39'" IATMSR1 - failure (IXZXIXCN failed)
		..11 1.1.		R759CD3A	"X'3A'" IATMSR1 - failure (IXZXIXSM failed for a single message)
		..11 1.11		R759CD3B	"X'3B'" IATMSR1 - failure (IXZXIXSM failed for the first segment of a multi-segment message)

Table 164. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..11 11..		R759CD3C	"X'3C'" IATMSR1 - failure (IXZXIXSM failed for the n-th segment of a multi-segment message)
		..11 11.1		R759CD3D	"X'3D'" IATMSR1 - failure (IXZXIXSM failed for the last segment of a multi-segment message)
		..11 111.		R759CD3E	"X'3E'" IATMSR1 - failure 17395TAC reserved 17395TAC
		..11 1111		R759CD3F	"X'3F'" IATMSR1 - failure 17395TAC reserved 17395TAC
		.1..		R759CD40	"X'40'" IATMSR1 - failure reserved
		.1.. ...1		R759CD41	"X'41'" IATMSR2 - failure reserved
		.1.. ..1.		R759CD42	"X'42'" IATMSR2 - failure reserved
		.1.. ..11		R759CD43	"X'43'" IATMSR2 - failure reserved
		.1.. .1..		R759CD44	"X'44'" IATMSR2 - failure reserved
		.1.. .1.1		R759CD45	"X'45'" IATMSR2 - failure reserved
		.1.. .11.		R759CD46	"X'46'" IATMSR2 - failure reserved
		.1.. .111		R759CD47	"X'47'" IATMSR2 - failure reserved
		.1.. 1...		R759CD48	"X'48'" IATMSR2 - failure reserved
		.1.. 1..1		R759CD49	"X'49'" IATMSR3 - failure (IXZXIXCN failed)
		.1.. 1.1.		R759CD4A	"X'4A'" IATMSR3 - failure reserved
		.1.. 1.11		R759CD4B	"X'4B'" IATMSR3 - failure reserved
		.1.. 11..		R759CD4C	"X'4C'" IATMSR3 - failure reserved
		.1.. 11.1		R759CD4D	"X'4D'" IATMSR3 - failure reserved
		.1.. 111.		R759CD4E	"X'4E'" IATMSR3 - failure reserved
		.1.. 1111		R759CD4F	"X'4F'" IATMSR3 - failure reserved
		.1.1		R759CD50	"X'50'" IATMSR3 - failure reserved
		.1.1 ...1		R759CD51	"X'51'" IATDSI1 - failure (IXZXIXUS failed)
		.1.1 ..1.		R759CD52	"X'52'" IATDSI1 - failure (IXCTERM failed)
		.1.1 ..11		R759CD53	"X'53'" IATDSI1 - failure reserved
		.1.1 .1..		R759CD54	"X'54'" IATDSI1 - failure reserved
		.1.1 .1.1		R759CD55	"X'55'" IATDSI1 - failure reserved
		.1.1 .11.		R759CD56	"X'56'" IATDSI1 - failure reserved
		.1.1 .111		R759CD57	"X'57'" IATDSI1 - failure reserved
		.1.1 1...		R759CD58	"X'58'" IATDSI1 - failure reserved

Table 165. Cross Reference for IATYD759

Name	Offset	Hex Tag
R759CD0A	0	A
R759CD0B	0	B
R759CD0C	0	C
R759CD0D	0	D
R759CD0E	0	E
R759CD0F	0	F
R759CD01	0	1
R759CD02	0	2

Table 165. Cross Reference for IATYD759 (continued)

Name	Offset	Hex Tag
R759CD03	0	3
R759CD04	0	4
R759CD05	0	5
R759CD06	0	6
R759CD07	0	7
R759CD08	0	8
R759CD09	0	9
R759CD1A	0	1A
R759CD1B	0	1B
R759CD1C	0	1C
R759CD1D	0	1D
R759CD1E	0	1E
R759CD1F	0	1F
R759CD10	0	10
R759CD11	0	11
R759CD12	0	12
R759CD13	0	13
R759CD14	0	14
R759CD15	0	15
R759CD16	0	16
R759CD17	0	17
R759CD18	0	18
R759CD19	0	19
R759CD2A	0	2A
R759CD2B	0	2B
R759CD2C	0	2C
R759CD2D	0	2D
R759CD2E	0	2E
R759CD2F	0	2F
R759CD20	0	20
R759CD21	0	21
R759CD22	0	22
R759CD23	0	23
R759CD24	0	24
R759CD25	0	25
R759CD26	0	26
R759CD27	0	27
R759CD28	0	28
R759CD29	0	29
R759CD3A	0	3A
R759CD3B	0	3B
R759CD3C	0	3C
R759CD3D	0	3D
R759CD3E	0	3E
R759CD3F	0	3F
R759CD30	0	30

Table 165. Cross Reference for IATYD759 (continued)

Name	Offset	Hex Tag
R759CD31	0	31
R759CD32	0	32
R759CD33	0	33
R759CD34	0	34
R759CD35	0	35
R759CD36	0	36
R759CD37	0	37
R759CD38	0	38
R759CD39	0	39
R759CD4A	0	4A
R759CD4B	0	4B
R759CD4C	0	4C
R759CD4D	0	4D
R759CD4E	0	4E
R759CD4F	0	4F
R759CD40	0	40
R759CD41	0	41
R759CD42	0	42
R759CD43	0	43
R759CD44	0	44
R759CD45	0	45
R759CD46	0	46
R759CD47	0	47
R759CD48	0	48
R759CD49	0	49
R759CD50	0	50
R759CD51	0	51
R759CD52	0	52
R759CD53	0	53
R759CD54	0	54
R759CD55	0	55
R759CD56	0	56
R759CD57	0	57
R759CD58	0	58

IATYD764 information

IATYD764 heading information

Common name: DM678 Abend Reason Codes

Macro ID: IATYD678

DSECT name: None

Owning component: JES3 (SC1BA)

Eye-catcher ID: NONE

Storage attributes:	Main Storage: N/A Virtual Storage: N/A Auxiliary Storage: N/A Subpool: N/A Key: N/A Data Space: N/A Residency: N/A
Size:	N/A
Created by:	N/A
Pointed to by:	N/A
Serialization:	NONE
Function:	This macro contains the equates for the DM678 abend reason codes.

IATYD764 mapping

Table 166. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

```
          DM678 Abend Reason Codes
01 Change Activity:
  $S0= SDSFASST HJS7760 080813 RD0RJ: z 1.11.0
        Reason Code 1
        The SWB TU prefix in the output SWB TU file read
        from spool does not contain the correct eye
        catcher.
        Debugging Information:
          R6 = SWB TU prefix address
```

0	(0)	X'1'	0	D678R001	"1" Reason code 1

```
        Reason Code 2
        The size of the SWB TU record does not match the
        total size of the record returned by ADEBLOCK.
        Debugging Information:
          R6 = SWB TU prefix address
          R7 = Size of record returned by ADEBLOCK
```

0	(0)	X'2'	0	D678R002	"2" Reason code 2

IATYECF information

IATYECF programming interface information

IATYECF is a programming interface.

IATYECF heading information

Common name:	ECF List Control Block used by Dynal FCT
Macro ID:	IATYECF
DSECT name:	ECFSTRT
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	ECFE Offset: 0 Length: 4
Storage attributes:	Subpool: Subpool 0 and JES Key: JES key Residency: Any
Size:	36 Bytes
Created by:	IATINDY
Pointed to by:	DYNPECF field of the DYN data area.

Serialization: None

Function: --RPN 0 is Staging Area ECF
--RPN N are I/O ECFS
--SLOTS are made available for reuse when processing for the request (ALLOCATION-DEALLOCATION-CHANGE DDNAME) is complete.

IATYECF mapping

Table 167. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

Table 168. Structure ECFSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	ECFSTRT	

```
        ECF LIST CONTROL BLOCK (ELB)
01 Change Activity:
   $RC= SP110 HJS6601 950329 PD0VW: SP 1.1.0 SHOWHDR RUN
```

0	(0)	CHARACTER	4	ECFEID	CONTROL BLOCK ID
4	(4)	SIGNED	4	ECFREGS(5)	REGISTER SAVE AREA
24	(18)	SIGNED	2	ECFUSE	IN USE ECF COUNT
26	(1A)	SIGNED	2	ECFRPN	RELATIVE POSITION NUMBER
28	(1C)	BITSTRING	1	ECFEFLG	ELB FLAG

```
        DEFINITION OF ELB FLAG
```

		1...		ECFINIT	"X'80'" ECF LIST INITIALIZED
		.1..		ECFUNAV	"X'40'" ECF UNAVAILABLE
		..1.		ECFOFF	"X'20'" AWAIT (TYPE=OFF) SPECIFIED
		...1		ECFONE	"X'10'" SINGLE ENTRY CHECK
29	(1D)	BITSTRING	1	ECFXRSV	RESERVED BYTE
30	(1E)	SIGNED	2	ECFHRSV	RESERVED HALF WORD
32	(20)	SIGNED	2	ECFALOC	PREALLOCATED ECF COUNT 0245
34	(22)	SIGNED	2	ECFALOW	ALLOWED ECF COUNT 0245 THIS FIELD (FOR DYNAMIC 0262 ALLOCATION) IS CHKPOINTED 0262 IN DYNCKAL 0262

```
        END OF CHECKPOINTED SECTION 0
        ECF LIST MUST CONTAIN (2 ELBALOC) + 1 FULLWORDS.
        " + 1 " FOR EOF.
```

36	(24)	SIGNED	4	ECFLIST(0)	BEGINNING OF ECF LIST
36	(24)	SIGNED	4	ECFEND(0)	END OF ELB
36	(24)	X'24'	0	ECFLEN	"ECFEND-ECFSTRT" LENGTH OF ELB

```
        ECF List Control Block used by Dynal FCT
01 Change Activity:
   $PI= 511 HJS5511 940215 SP 5.1.1
```

Table 169. Cross Reference for IATYECF

Name	Offset	Hex Tag
ECFALOC	20	0
ECFALOW	22	0

Table 169. Cross Reference for IATYECF (continued)

Name	Offset	Hex Tag
ECFEFLG	1C	0
ECFEID	0	C5D3C240
ECFEND	24	
ECFHRSV	1E	0
ECFINIT	1C	80
ECFLEN	24	24
ECFLIST	24	
ECFOFF	1C	20
ECFONE	1C	10
ECFREGS	4	0
ECFRPN	1A	0
ECFSTRT	0	
ECFUNAV	1C	40
ECFUSE	18	0
ECFXRSV	1D	0

IATYEFB information

IATYEFB heading information

Common name: EFB Abend Reason Codes

Macro ID: IATYEFB

DSECT name: None

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes:

Size: N/A

Created by: N/A

Pointed to by: N/A

Serialization: N/A

Function: This macro contains the reason codes used for EFB abends.

IATYEFB mapping

Table 170. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		
		1		REFBC001	"X'0001'" IATCNDIT - ASEXT error while attempting to extract address space parameters
		.... ..1.		REFBC002	"X'0002'" IATCNDIT - MCSOPER error while attempting to activate the JES3 DLOG console
		11		REFBC003	"X'0003'" IATCNDIT - CPOOL error while attempting to build the message cellpool

Table 170. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... .1..		REFBC004	"X'0004'" IATCNDIT - IXZXIXAT error while attempting to attach to the JESXCF group
		.... .1.1		REFBC005	"X'0005'" IATCNDIT - IXZXIXMB error while attempting to attach to default mailbox
		.... .11.		REFBC006	"X'0006'" IATCNDIT - IXZXIXMD error while attempting to delete the default mailbox
		.... .111		REFBC007	"X'0007'" IATCNDMS - MCSOPMSG error while attempting to get the next message
		.... 1...		REFBC008	"X'0008'" IATCNDMS - Non-zero return code from IATCNDFM
		.... 1..1		REFBC009	"X'0009'" IATCNDAL - Invalid function code
		.... 1.1.		REFBC010	"X'000A'" IATCNDIT - Invalid function code
		.... 1.11		REFBC011	"X'000B'" IATCNDTR - Invalid function code
		.... 11..		REFBC012	"X'000C'" IATCNDMS - Invalid message pointer cell returned by IATCNDFM
		.... 11.1		REFBC013	"X'000D'" IATCNDIT - Unable to setup task level RESMGR

Table 171. Cross Reference for IATYEFB

Name	Offset	Hex Tag
REFBC001	0	1
REFBC002	0	2
REFBC003	0	3
REFBC004	0	4
REFBC005	0	5
REFBC006	0	6
REFBC007	0	7
REFBC008	0	8
REFBC009	0	9
REFBC010	0	A
REFBC011	0	B
REFBC012	0	C
REFBC013	0	D

IATYELB information

IATYELB programming interface information

IATYELB is a programming interface.

IATYELB heading information

Common name: ECF LIST CONTROL BLOCK (ELB)

Macro ID: IATYELB

DSECT name: IATYELB

Owning component:	JES3 (SC1BA)
Eye-catcher ID:	ELB Offset: 0 Length: 4
Storage attributes:	Main Storage: SUBPOOL 0 Auxiliary Storage: Checkpoint dataset (header only)
Size:	Variable
Created by:	N/A
Pointed to by:	N/A
Serialization:	None
Function:	CSECT/DSECT of an ECF list, required by the ECF list management routines.

IATYELB mapping

Table 172. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

Table 173. Structure ELBSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	ELBSTRT	
0	(0)	CHARACTER	4	ELBEID	CONTROL BLOCK ID
4	(4)	SIGNED	4	ELBREGS(5)	REGISTER SAVE AREA
24	(18)	SIGNED	2	ELBUSE	IN USE ECF COUNT
26	(1A)	SIGNED	2	ELBRPN	RELATIVE POSITION NUMBER
28	(1C)	BITSTRING	1	ELBEFLG	ELB FLAG
		DEFINITION OF ELB FLAG			
		1...		ELBINIT	"X'80'" ECF LIST INITIALIZED
		.1..		ELBUNAV	"X'40'" ECF UNAVAILABLE
		..1.		ELBOFF	"X'20'" AWAIT (TYPE=OFF) SPECIFIED
		...1		ELBONE	"X'10'" SINGLE ENTRY CHECK
29	(1D)	BITSTRING	1	ELBXRSV	RESERVED BYTE
30	(1E)	SIGNED	2	ELBHRSV	RESERVED HALF WORD
32	(20)	SIGNED	2	ELBALOC	PREALLOCATED ECF COUNT 0245
34	(22)	SIGNED	2	ELBALOW	ALLOWED ECF COUNT 0245 THIS FIELD (FOR DYNAMIC 0262 ALLOCATION) IS CHKPOINTED 0262 IN DYNCKAL 0262
		END OF CHECKPOINTED SECTION 0 ECF LIST MUST CONTAIN (2 ELBALOC) + 1 FULLWORDS. " + 1 " FOR EOF.			
36	(24)	SIGNED	4	ELBLIST(0)	BEGINNING OF ECF LIST
36	(24)	SIGNED	4	ELBEND(0)	END OF ELB
36	(24)	X'24'	0	ELBLEN	"ELBEND-ELBSTRT" LENGTH OF ELB

Table 174. Cross Reference for IATYELB

Name	Offset	Hex Tag
ELBALOC	20	0
ELBALOW	22	0

Table 174. Cross Reference for IATYELB (continued)

Name	Offset	Hex Tag
ELBEFLG	1C	0
ELBEID	0	C5D3C240
ELBEND	24	
ELBHRSV	1E	0
ELBINIT	1C	80
ELBLEN	24	24
ELBLIST	24	
ELBOFF	1C	20
ELBONE	1C	10
ELBREGS	4	0
ELBRPN	1A	0
ELBSTRT	0	
ELBUNAV	1C	40
ELBUSE	18	0
ELBXRSV	1D	0

IATYENDR information

IATYENDR heading information

Common name: Input Service ENDREQ Communication Area

Macro ID: IATYENDR

DSECT name: ENDRSTRT

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Auxiliary Storage: N/A
Subpool: 0

Size: ENDRSIZE

Created by: IATSIBS

Pointed to by: Staging area sent from IATDMDM
Overlays ISCRAT in IATYISD, DMCSEEKC in IATDMDM, and JSAWORK in IATSIJS

Serialization: NONE

Function: This data area maps the communication area for the ENDREQ Susbsystem Interface call.

IATYENDR mapping

Table 175. Structure ENDRSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	ENDRSTRT	
0	(0)	SIGNED	2	ENDRLNG	Length of area
2	(2)	CHARACTER	8	ENDRJOBI	Job id returned, in EBCDIC
10	(A)	CHARACTER	1	ENDRAPPC	APPC indicator
11	(B)	BITSTRING	1	ENDRRSVD	Reserved for IBM

```
End of data area.
```

Table 175. Structure ENDRSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
11	(B)	X'C'	0	ENDREND	"*" End of IATYENDR
11	(B)	X'C'	0	ENDRSIZE	"ENDREND-ENDRSTRT" Size of IATYENDR
11	(B)	X'A'	0	ENDRDSIZ	"ENDREND-ENDRJOBI" Size of data (entire area excluding the length)

```
IATYENDR PREVIOUSLY GENERATED
```

IATYEQU information

IATYEQU programming interface information

IATYEQU is a programming interface.

IATYEQU heading information

Common name:	JES3 STANDARD EQUATES
Macro ID:	IATYEQU
DSECT name:	None
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Main Storage: None Virtual Storage: None Auxiliary Storage: None
Size:	N/A
Created by:	N/A
Pointed to by:	N/A
Serialization:	N/A
Function:	GENERATES A STANDARD SET OF EQUATES WHICH ARE USED THROUGHOUT JES3.

IATYEQU mapping

Table 176. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

```
                    JES3 STANDARD EQUATES
01 Change Activity:
   $TA= z2.1.0 HJS7790 110523 PD0PK: z 2.1.0
        GENERAL EQUATES
```

0	(0)	X'0'	0	NOP	"0" NO OPERATION
0	(0)	X'F'	0	ALWAYS	"15" Unconditional branch 0084
		1111 1111		FF	"X'FF'" ALL BITS ON
0	(0)	X'F0'	0	CHARZERO	"C'0'" CHARACTER ZERO
0	(0)	X'F9'	0	CHARNINE	"C'9'" CHARACTER NINE
0	(0)	X'C1'	0	CHARA	"C'A'" CHARACTER A
0	(0)	X'C6'	0	CHARF	"C'F'" CHARACTER F
0	(0)	X'6B'	0	CHARCMMA	"C','" CHARACTER COMMA

Table 176. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
AFTER COMPARE INSTRUCTIONS					
0	(0)	X'2'	0	GT	"2" A HIGH
0	(0)	X'4'	0	LT	"4" A LOW
0	(0)	X'7'	0	NE	"7" A NOT EQUAL B
0	(0)	X'8'	0	EQ	"8" A EQUAL B
0	(0)	X'B'	0	GE	"11" A NOT LOW
0	(0)	X'D'	0	LE	"13" A NOT HIGH
AFTER LOGICAL INSTRUCTIONS					
0	(0)	X'1'	0	NZNBOROW	"1" Not zero, no borrow
0	(0)	X'1'	0	NZCARRY	"1" Not zero, carry
0	(0)	X'4'	0	NZBORROW	"4" Not zero, borrow
0	(0)	X'4'	0	NZNCARRY	"4" Not zero, no carry
0	(0)	X'5'	0	LNZERO	"5" Not zero
0	(0)	X'2'	0	ZNBORROW	"2" Zero, no borrow
0	(0)	X'2'	0	ZCARRY	"2" Zero, carry
0	(0)	X'8'	0	ZBORROW	"8" Zero, borrow
0	(0)	X'8'	0	ZNCARRY	"8" Zero, no carry
0	(0)	X'A'	0	LZERO	"10" Zero
0	(0)	X'C'	0	BORROW	"12" Borrow
0	(0)	X'3'	0	NOBORROW	"3" No borrow
0	(0)	X'3'	0	CARRY	"3" Carry
0	(0)	X'C'	0	NOCARRY	"12" No carry
AFTER ARITHMETIC INSTRUCTIONS					
0	(0)	X'1'	0	OV	"1" OVERFLOW
0	(0)	X'2'	0	PLUS	"2" PLUS
0	(0)	X'4'	0	MINUS	"4" MINUS
0	(0)	X'7'	0	NZERO	"7" NOT ZERO
0	(0)	X'8'	0	ZERO	"8" ZERO
0	(0)	X'8'	0	ZEROS	"8" ZERO
0	(0)	X'B'	0	NMINUS	"11" NOT MINUS
0	(0)	X'E'	0	NOV	"14" NOT OVERFLOW
0	(0)	X'D'	0	NPLUS	"13" NOT PLUS
AFTER TEST UNDER MASK INSTRUCTIONS					
0	(0)	X'1'	0	ALLON	"1" ALL ON
0	(0)	X'4'	0	MIXED	"4" MIXED
0	(0)	X'5'	0	NALLOFF	"5" ALLON+MIXED
0	(0)	X'8'	0	ALLOFF	"8" ALL OFF
0	(0)	X'C'	0	NALLON	"12" ALLOFF+MIXED
AFTER TEST AND SET INSTRUCTION					
0	(0)	X'4'	0	LOCKED	"4" ONE I.E. LOCKED

Table 176. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	X'8'	0	UNLOCKED	"8" ZERO I.E. UNLOCKED
AFTER LOAD REAL ADDRESS INSTRUCTION.					
0	(0)	X'8'	0	INREAL	"8" PAGE IS IN REAL STORAGE
0	(0)	X'7'	0	NOTIREAL	"7" PAGE NOT IN REAL STORAGE
0	(0)	X'4'	0	SEGTBINV	"4" SEGMENT TABLE ENTRY INVALID
0	(0)	X'2'	0	PAGTBINV	"2" PAGE TABLE ENTRY INVALID
0	(0)	X'1'	0	LENTHINV	"1" LENGTH INVALID
AFTER TEST PROTECTION INSTRUCTION.					
0	(0)	X'E'	0	NTRANSNA	"14" NOT Translation not available
0	(0)	X'D'	0	NNOACCSS	"13" NOT (Fetching not permitted; Storing not permitted)
0	(0)	X'B'	0	NPAGPRTD	"11" NOT (Fetching permitted; Storing not permitted)
0	(0)	X'8'	0	ALLACC	"8" Fetching permitted; Storing permitted
0	(0)	X'7'	0	NALLACC	"7" NOT (Fetching permitted; Storing permitted)
0	(0)	X'4'	0	PAGPRTD	"4" Fetching permitted; Storing not permitted
0	(0)	X'2'	0	NOACCESS	"2" Fetching not permitted; Storing not permitted
0	(0)	X'1'	0	TRANSNA	"1" Translation not available
SYMBOLS USED FOR ACCESS REGISTER MODE					
0	(0)	X'200'	0	ARMODON	"512" TURN ACCESS REGISTER MODE ON
0	(0)	X'0'	0	ARMODOFF	"0" TURN ACCESS REGISTER MODE OFF
Data Space Related Equates					
		....		DSPCMXSZ	"X'80000000'" Maximum data space size (2 Gigabytes)
JES3 SYSTEM LIMITS					
0	(0)	X'20'	0	J3MAXMP	"32" MAXIMUM NUMBER OF MAIN PROCESSORS IN A SINGLE JES3 COMPLEX
TRACE TABLE SIZES ARE SPECIFIED IN BYTES					
0	(0)	X'21000'	0	J3TRCSZ	"135168" SIZE OF EVENT TRACE TABLE
0	(0)	BITSTRING	0	J3NUCTRC	"X'30000'" Size of Nuc path trace table
0	(0)	X'F018'	0	J3AUXTRC	"61464" SIZE OF AUX PATH TRACE TABLE
0	(0)	X'3FF'	0	J3TRCMAX	"1023" MAXIMUM SIZE OF USER DATA IN A TRACE ENTRY, IN WORDS
0	(0)	X'F423F'	0	MAXIMUM_JOB_NUMBER_ALLOWED	"999999" This is the largest job number allowed in the system.
0	(0)	X'FFFE'	0	MAXIMUM_COMPATIBLE_JOB	"65534" This is the largest job number containable in two bytes and therefore fallback-compatible with a release not supporting job numbers greater than 65534.

Table 176. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	X'FFFF'	0	ACTIVE_LIMIT	"65535" This is the largest number of JES managed or WLM managed jobs that can be concurrently active on a single main.
0	(0)	X'7FFF'	0	MAXIMUM_JOBS_IN_DJC_NET	"32767" This is the maximum number of jobs that a single DJC net can contain.
0	(0)	BITSTRING	0	MAX_OSE_SEQ	"X'7FFFFFFF'" Maximum OSE sequence number
0	(0)	BITSTRING	0	MAX_SRF_SEQ	"X'FFFF'" Maximum value of SRFCNT after OW55574. This is also the maximum OSE sequence number before the introduction of the OSECNT4 field in HJS7740, 07369SZA or when compatibility 07369SZA with older releases is 07369SZA being enforced. 07369SZA
0	(0)	BITSTRING	0	MAX_OSE_SEQ_DYNAL	"X'7FFFFF80'" Maximum value of OSECNT4 for which new SYSOUT data sets may be dynamically allocated. If a dynamic allocation is attempted when a job has OSE sequence numbers greater than this value, an abend S1FB-6E is issued.
0	(0)	BITSTRING	0	MAX_OSE_OLD_DYNAL	"X'FFF0'" Maximum OSE sequence number 07369SZA for new dynamic alloca- 07369SZA tions when compatibility 07369SZA with older releases is 07369SZA being enforced. 07369SZA
		The following equates are all used for decisions and actions related to job limits, but specifically are used for different purposes.			
0	(0)	BITSTRING	0	MAXIMUM_JOB_NUMBER_MASK	"X'FFFF'" This mask is used to clear the high order bytes from a word after placing a compatible job number into the low order bytes using an ICM with a mask of B'0011'.
0	(0)	X'FFFF'	0	SPECIAL_JOB_XFFFF	"65535" As a compatible job number, indicates that the job number lives in a four byte field.
0	(0)	X'F423F'	0	UNLIMITED_DSP_COUNT	"999999" As a DSP count this value indicates an "unlimited" count.
0	(0)	BITSTRING	0	UNLIMITED_JOB_COUNT	"X'FFFFFFFF'" As a job count this value indicates an "unlimited" count such as a display count on certain commands with N=ALL.
0	(0)	X'FFFF'	0	UNLIMITED_JOB_COUNT2	"65535" Same as UNLIMITED_JOB_COUNT except that it is for fields that must remain 2 bytes.
0	(0)	X'10'	0	JOB_NUMBER_SHIFT	"16" To load a compatible job number into the low order bytes of a fullword and clear the other bytes, it is possible to ICM the job number with a mask of B'1100' and then shift it to the right using this equate. This must be done instead of clearing the target register before the ICM in cases where the target register is also a base address; e.g.: ICM R2,B'1100',xxx(R2).
		SYMBOLS USED TO SET OR CLEAR A HIGH ORDER BIT			
		....		EQUHOBON	"X'80000000'" HIGH ORDER BIT ON
0	(0)	BITSTRING	0	EQUHOBOF	"X'7FFFFFFF'" HIGH ORDER BIT OFF

Table 176. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		SYMBOLS USED FOR SECURITY			
0	(0)	X'50'	0	SECTKNLN	"80" CURRENT LENGTH OF SECURITY TOKEN
0	(0)	X'50'	0	TKNMAPLN	"80" CURRENT LENGTH OF THE MAPPED TOKEN RETURNED FROM TOKNMAP
0	(0)	X'F0'	0	SAFMSGSP	"240" SUBPOOL USED FOR MESSAGES 0063 RETURNED BY SAF AND USER EXITS 58 + 59
0	(0)	X'F0'	0	SAFEXTSP	"240" SUBPOOL USED FOR RETURNING EXTRACTED INFORMATION FROM THE SECURITY PRODUCT
		Subpool shared between the IATINTK and IATNUC tasks. Storage that needs to be obtained by one task and freed by the other task should be obtained in this subpool. Subpool zero cannot be used since subpool zero is not shared between these tasks.			
0	(0)	X'9'	0	INTK_SHARED_SUBPOOL	"9" Shared subpool
		Functional equates for the PLO instruction.			
0	(0)	X'0'	0	PLO_CL	"0" Compare and Load, 32 bit
0	(0)	X'1'	0	PLO_CLG	"1" Same, 64 bit
0	(0)	X'2'	0	PLO_CLGR	"2" Same, 64 bit, some operands in registers
0	(0)	X'3'	0	PLO_CLX	"3" Same, 128 bit
0	(0)	X'4'	0	PLO_CS	"4" Compare and Swap, 32 bit
0	(0)	X'5'	0	PLO_CSG	"5" Same, 64 bit
0	(0)	X'6'	0	PLO_CSGR	"6" Same, 64 bit, some operands in registers
0	(0)	X'7'	0	PLO_CSX	"7" Same, 128 bit
0	(0)	X'8'	0	PLO_DCS	"8" Double Compare and Swap, 32 bit
0	(0)	X'9'	0	PLO_DCSG	"9" Same, 64 bit
0	(0)	X'A'	0	PLO_DCSGR	"10" Same, 64 bit, some operands in registers
0	(0)	X'B'	0	PLO_DCSX	"11" Same, 128 bit
0	(0)	X'C'	0	PLO_CSST	"12" Compare and Swap and Store, 32 bit
0	(0)	X'D'	0	PLO_CSSTG	"13" Same, 64 bit
0	(0)	X'E'	0	PLO_CSSTGR	"14" Same, 64 bit, some operands in registers
0	(0)	X'F'	0	PLO_CSSTX	"15" Same, 128 bit
0	(0)	X'10'	0	PLO_CSDST	"16" Compare and Swap and Double Store, 32 bit
0	(0)	X'11'	0	PLO_CSDSTG	"17" Same, 64 bit
0	(0)	X'12'	0	PLO_CSDSTGR	"18" Same, 64 bit, some operands in registers
0	(0)	X'13'	0	PLO_CSDSTX	"19" Same, 128 bit
0	(0)	X'14'	0	PLO_CSTST	"20" Compare and Swap and Triple Store, 32 bit
0	(0)	X'15'	0	PLO_CSTSTG	"21" Same, 64 bit
0	(0)	X'16'	0	PLO_CSTSTGR	"22" Same, 64 bit, some operands in registers
0	(0)	X'17'	0	PLO_CSTSTX	"23" Same, 128 bit

Table 177. Cross Reference for IATYEQU

Name	Offset	Hex Tag
ACTIVE_LIMIT	0	FFFF
ALLACC	0	8
ALLOFF	0	8
ALLON	0	1
ALWAYS	0	F
ARMODOFF	0	0
ARMODON	0	200
BORROW	0	C
CARRY	0	3
CHARA	0	C1
CHARCMMA	0	6B
CHARF	0	C6
CHARNINE	0	F9
CHARZERO	0	F0
DSPCMXSZ	0	0
EQ	0	8
EQUHOBOF	0	FFFFFF
EQUHOBON	0	0
FF	0	FF
GE	0	B
GT	0	2
INREAL	0	8
INTK_SHARED_SUBPOOL	0	9
JOB_NUMBER_SHIFT	0	10
J3AUXTRC	0	F018
J3MAXMP	0	20
J3NUCTRC	0	30000
J3TRCMAX	0	3FF
J3TRCSZ	0	21000
LE	0	D
LENTHINV	0	1
LNZERO	0	5
LOCKED	0	4
LT	0	4
LZERO	0	A
MAX_OSE_OLD_DYNAL	0	FFF0
MAX_OSE_SEQ	0	FFFFFF
MAX_OSE_SEQ_DYNAL	0	FFFF80
MAX_SRF_SEQ	0	FFFF
MAXIMUM_COMPATIBLE_JOB	0	FFFE
MAXIMUM_JOB_NUMBER_ALLOWED	0	F423F
MAXIMUM_JOB_NUMBER_MASK	0	FFFF
MAXIMUM_JOBS_IN_DJC_NET	0	7FFF
MINUS	0	4
MIXED	0	4
NALLACC	0	7

Table 177. Cross Reference for IATYEQU (continued)

Name	Offset	Hex Tag
NALLOFF	0	5
NALLON	0	C
NE	0	7
NMINUS	0	B
NNOACCSS	0	D
NOACCESS	0	2
NOBORROW	0	3
NOCARRY	0	C
NOP	0	0
NOTIREAL	0	7
NOV	0	E
NPAGPRTD	0	B
NPLUS	0	D
NTRANSNA	0	E
NZBORROW	0	4
NZCARRY	0	1
NZERO	0	7
NZNBOROW	0	1
NZNCARRY	0	4
OV	0	1
PAGPRTD	0	4
PAGTBINV	0	2
PLO_CL	0	0
PLO_CLG	0	1
PLO_CLGR	0	2
PLO_CLX	0	3
PLO_CS	0	4
PLO_CSDST	0	10
PLO_CSDSTG	0	11
PLO_CSDSTGR	0	12
PLO_CSDSTX	0	13
PLO_CSG	0	5
PLO_CSGR	0	6
PLO_CSST	0	C
PLO_CSSTG	0	D
PLO_CSSTGR	0	E
PLO_CSSTX	0	F
PLO_CSTST	0	14
PLO_CSTSTG	0	15
PLO_CSTSTGR	0	16
PLO_CSTSTX	0	17
PLO_CSX	0	7
PLO_DCS	0	8
PLO_DCSG	0	9
PLO_DCSGR	0	A
PLO_DCSX	0	B

Table 177. Cross Reference for IATYEQU (continued)

Name	Offset	Hex Tag
PLUS	0	2
SAFEXTSP	0	F0
SAFMSGSP	0	F0
SECTKNLN	0	50
SEGTBINV	0	4
SPECIAL_JOB_XFFFF	0	FFFF
TKNMAPLN	0	50
TRANSNA	0	1
UNLIMITED_DSP_COUNT	0	F423F
UNLIMITED_JOB_COUNT	0	FFFFFF
UNLIMITED_JOB_COUNT2	0	FFFF
UNLOCKED	0	8
ZBORROW	0	8
ZCARRY	0	2
ZERO	0	8
ZEROS	0	8
ZNBORROW	0	2
ZNCARRY	0	8

IATYESW information

IATYESW programming interface information

IATYESW is a programming interface.

IATYESW heading information

Common name: Extended Status Work Area

Macro ID: IATYESW

DSECT name: ESWSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: ESW
Offset: 2
Length: 4

Storage attributes: Subpool: 0
Key: 1
Residency: ANY

Size: 200 Bytes

Created by: IATSIES

Pointed to by: None

Serialization: None

Function: This area maps the portion of the staging area used to communicate JES3 specific data when processing an Extended Status request (SSI 80).

IATYESW mapping

Table 178. Structure ESWSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	ESWSTART	DSECT start of ESW data area
		This point is also the start of the staging area request/reply area sent from the local (IATSIES) to the global (IATGRES). The request/reply area is contiguous storage composed of the following components (in the order you see here): - request/reply length area - the ESW section - the SSOB header section - the SSST section			
0	(0)	SIGNED	2	ESWREQLN	Length of staging area request/reply area
0	(0)	X'0'	0	ESWREQST	"ESWREQLN" Request/Reply area
0	(0)	X'5E'	0	ESWSAPTR	"STADATA" Pointer in the staging area to the ESW
2	(2)	CHARACTER	4	ESWID	Work area identifier
6	(6)	ADDRESS	1	ESWVER	ESW version
6	(6)	X'1'	0	ESWIVER	"1" Initial version number
6	(6)	X'2'	0	ESWCTVER	"2" Version number supporting CTOKENs
6	(6)	X'3'	0	ESWSAPI	"3" Version supporting SAPI use of extended status
6	(6)	X'4'	0	ESWVBVER	"4" Version supporting verbose requests
6	(6)	X'5'	0	ESWTFVER	"5" Version w/transaction filtering
6	(6)	X'5'	0	ESWCVER	"ESWTFVER" Current version number
7	(7)	ADDRESS	1	ESWOVER	ESW output version
7	(7)	X'0'	0	ESWOIVER	"0" Initial version number
7	(7)	X'1'	0	ESWOVVER	"1" Version indicating global supports verbose requests
7	(7)	X'1'	0	ESWOCVER	"ESWOVVER" Current output version
8	(8)	BITSTRING	2	ESWSEQNM	SA sequence number 05150STC
		Application related information. This information is set by IATSIES when an IEFSSREQ request is issued from an application.			
10	(A)	CHARACTER	8	ESWAPJBN	Application's job name
18	(12)	SIGNED	2	ESWAPJBI	Application's job number
20	(14)	SIGNED	4	ESWAPRS1	Reserved for development
24	(18)	SIGNED	4	ESWAASCB	Application ASCB address
28	(1C)	SIGNED	4	ESWAPTCB	Application TCB address
32	(20)	BITSTRING	16	ESWTCBTK	Application TCB token
48	(30)	SIGNED	4	ESWAPRS2(2)	Reserved for development
		Request specific information.			
56	(38)	SIGNED	4	ESWSLJBI	Job number of job being selected in SSST (could be low job id range)
60	(3C)	SIGNED	4	ESWSHJBI	Job number of job being selected in SSST (high range)
64	(40)	CHARACTER	8	ESWSDST	Selection destination
72	(48)	CHARACTER	8	ESWS2DST	Selection sec destination

Table 178. Structure ESWSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
72	(48)	X'10'	0	ESWDSTSZ	"*-ESWSDST" Destination info area size
		The SSOB is found by adding the runtime value ESWLEN to the start of the ESW. Information that might appear between the ESW and the SSOB are copies of the user specified field list extensions: STATCLSP - extension to STATCLSL - classes STATJBNP - extension to STATJOBN - job names STATDSTP - extension to STATDEST - default dest STATPHZP - extension to STATPHAZ - job phases STATSDSP - extension to STATSDES - SYSOUT dest STATSCLP - extension to STATSCLA - SYSOUT class			
80	(50)	SIGNED	4	ESWLEN	Length of this ESW
		THIS LINE DELETED BY APAR OW30080			
84	(54)	SIGNED	4	ESWLENRQ	Requested length if insufficient length was provided (flag ESWMORES on)
88	(58)	ADDRESS	4	ESWECB	SSISERV ECB pointer
92	(5C)	SIGNED	4	ESWRSVS2	Reserved for service
96	(60)	SIGNED	4	ESWRSVU2(2)	Reserved for user
104	(68)	BITSTRING	1	ESWFLAG1	Flag byte 1
		Definition of ESWFLAG1			
		1...		ESWJIRNG	"X'80'" Selection by job id range
		.1..		ESWJNWLD	"X'40'" Wildcard used for job name
		..1.		ESWSSDST	"X'20'" Selection by userid
		...1		ESW1STSG	"X'10'" First segment of a multi-segmented request
		.... 1...		ESWINTSG	"X'08'" Intermediate segment of a multi-segmented request
		.... .1..		ESWLSTSG	"X'04'" Last segment of a multi-segmented request
		.... ..1.		ESWMORES	"X'02'" More storage is needed to accommodate all jobs and output requested
		1		ESWJIBIN	"X'01'" Job ID filtering with binary versions
104	(68)	X'1C'	0	ESWMULTS	"ESW1STSG+ESWINTSG+ESWLSTSG" Multiple segments 05150STC
105	(69)	BITSTRING	1	ESWFLAG2	Flag byte 2
		Definition of ESWFLAG2			
		1...		ESWVERBJ	"X'80'" Verbose job request
		.1..		ESWVERBS	"X'40'" Verbose SYSOUT request
		..1.		ESWDLIST	"X'20'" Data set list request
		...1		ESWJIWLD	"X'10'" Wildcard used for job ID 11714S6C
		.... 1...		ESWRDONE	"X'08'" Request is done. It is ready to be JSERVed anytime. This bit is only valid for specific requests and only during specific queue conditions. Normal processing would JSERV the response rather than set this bit. This bit is only checked and or set on the global.

Table 178. Structure ESWSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... .1..		ESWFL204	"X'04'" Reserved for IBM
		.... ..1.		ESWFL202	"X'02'" Reserved for IBM
		1		ESWFL201	"X'01'" Reserved for IBM
105	(69)	X'E0'	0	ESWVERBO	"ESWVERBJ+ESWVERBS+ESWDLIST" Any verbose request or data set list request
106	(6A)	BITSTRING	2	ESWRSVD5	Reserved for IBM
108	(6C)	BITSTRING	4	ESWRSVD6	Reserved for development
112	(70)	BITSTRING	1	ESWSSOB_V1(0)	Start of the SSOB sent in a staging area from a local with a version 1 ESW
112	(70)	BITSTRING	80	ESWCTOKN	CTOKEN for requested dataset
192	(C0)	BITSTRING	8	ESWRSVD7	Reserved for IBM
200	(C8)	SIGNED	2	ESWLSTOF	Offset to end of variable segments
202	(CA)	SIGNED	2	ESWLSTLN	List storage size, reduces 1st segment payload
204	(CC)	BITSTRING	1	ESW1CHR	Wild card representing one character
205	(CD)	BITSTRING	1	ESWZOMO	Wild card representing zero or more characters
206	(CE)	SIGNED	2	ESWJILCT	Count of job ID list 15784T8A entries in the segment 15784T8A
208	(D0)	SIGNED	4	ESWRSVD4(2)	Reserved for IBM 15784T8C
		End of ESW section of staging area.			
216	(D8)	SIGNED	4	ESWEND(0)	End of ESW data area
216	(D8)	BITSTRING	1	ESWSIZE(0)	Size of ESW area
216	(D8)	X'D8'	0	ESWEQSIZ	"*-ESWSTART" Length of ESW area
216	(D8)	BITSTRING	1	ESWSSOB(0)	Start of the SSOB sent in staging area
		---------- 15784T8C Define sizes needed for combinations of sections 15784T8C used for Extended Status. 15784T8C ---------- 15784T8A			
216	(D8)	X'58'	0	SEC_SIZE	"(STSETOKN-STATJQSE)+SECTKNLN" Size of a security15784T8A section and token (job) 15784T8A
216	(D8)	X'58'	0	O_SEC_SIZE	"(STSOTOKN-STATSESO)+SECTKNLN" Size of a 15784T8A security section and token 15784T8A (output) 15784T8A
216	(D8)	X'91'	0	ACT_VAR_SIZE	"(STACJNR-STACNTRY)+L'JMRXACDT" Size of a 15784T8A variable accounting entry 15784T8A
216	(D8)	X'99'	0	ACT_SIZE	"STACFLEN+ACT_VAR_SIZE" Size of fixed and variable 15784T8A accouting sections 15784T8A
216	(D8)	X'1D5'	0	VRB_HDR_SIZE	"STJVSIZE+STVBSIZE+SEC_SIZE+ACT_SIZE" 15784T8A Calculated size for verbose15784T8A header, entry, accounting, 15784T8A and security for STJVLEN 15784T8A
216	(D8)	X'1ED'	0	VRB_SIZE	"STVESIZE+VRB_HDR_SIZE" Size needed for above 15784T8A verbose data plus prolog 15784T8A
216	(D8)	X'138'	0	TRS_SIZE	"STJQSIZE+STTRSIZE+STHDSIZE" Size needed for 15784T8A basic terse sections 15784T8A

Table 178. Structure ESWSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
216	(D8)	X'264'	0	NMAIN_T_SIZE	"TRS_SIZE+STJ3SIZE" Size needed for a terse 15784T8A JES3 entry for a job not on15784T8A main 15784T8A
216	(D8)	X'2C0'	0	MAIN_T_SIZE	"NMAIN_T_SIZE+STSCSIZE" Size needed for a terse 15784T8A JES3 entry for a job on 15784T8A main (includes scheduling 15784T8A section) 15784T8A
216	(D8)	X'189'	0	OUT_T_SIZE	"STSESIZE+STSHSIZE+STSTSIZE+STS3SIZE+ STSASIZE" 15784T8A Size needed for a terse 15784T8A SYSOUT entry 15784T8A
216	(D8)	X'1A5'	0	OUT_V_HDR_SIZE	"STSVSIZE+STVSSIZE+(STSOTOKN-STATSESO)+SECTK NLN+"
0	(0)	X'1DD'	0	OUT_V_SIZE	"STVOSIZE+OUT_V_HDR_SIZE" Size needed for above15784T8A verbose data plus prolog 15784T8A
0	(0)	X'205'	0	OUT_V_SIZE_MAX	"OUT_V_SIZE+STOTSIZE" Size needed for verbose 15784T8A data plus prolog plus 15784T8A optional APPC section 15784T8A

Table 179. Cross Reference for IATYESW

Name	Offset	Hex Tag
ACT_SIZE	D8	99
ACT_VAR_SIZE	D8	91
ESWAASCB	18	0
ESWAPJBI	12	0
ESWAPJBN	A	40404040
ESWAPRS1	14	0
ESWAPRS2	30	0
ESWAPTCB	1C	0
ESWCTOKN	70	0
ESWCTVER	6	2
ESWCVER	6	5
ESWDLIST	69	20
ESWDSTSZ	48	10
ESWECB	58	
ESWEND	D8	
ESWEQSIZ	D8	D8
ESWFLAG1	68	0
ESWFLAG2	69	0
ESWFL201	69	1
ESWFL202	69	2
ESWFL204	69	4
ESWID	2	C5E2E640
ESWINTSG	68	8
ESWIVER	6	1
ESWJIBIN	68	1
ESWJILCT	CE	0
ESWJIRNG	68	80
ESWJIWLD	69	10
ESWJNWLD	68	40

Table 179. Cross Reference for IATYESW (continued)

Name	Offset	Hex Tag
ESWLEN	50	0
ESWLENRQ	54	0
ESWLSTLN	CA	
ESWLSTOF	C8	
ESWLSTSG	68	4
ESWMORES	68	2
ESWMULTS	68	1C
ESWOCVER	7	1
ESWOIVER	7	0
ESWOVER	7	
ESWOVVER	7	1
ESWRDONE	69	8
ESWREQLN	0	
ESWREQST	0	0
ESWRSVD4	D0	0
ESWRSVD5	6A	0
ESWRSVD6	6C	0
ESWRSVD7	C0	
ESWRSVS2	5C	0
ESWRSVU2	60	0
ESWSAPI	6	3
ESWSAPTR	0	5E
ESWSDST	40	40404040
ESWSEQNM	8	0
ESWSHJBI	3C	0
ESWSIZE	D8	
ESWSLJBI	38	0
ESWSSDST	68	20
ESWSSOB	D8	
ESWSSOB_V1	70	
ESWSTART	0	
ESWS2DST	48	40404040
ESWTCBTK	20	0
ESWTFVER	6	5
ESWVBVER	6	4
ESWVER	6	
ESWVERBJ	69	80
ESWVERBO	69	E0
ESWVERBS	69	40
ESWZOMO	CD	0
ESW1CHR	CC	0
ESW1STSG	68	10
MAIN_T_SIZE	D8	2C0
NMAIN_T_SIZE	D8	264
O_SEC_SIZE	D8	58
OUT_T_SIZE	D8	189

Table 179. Cross Reference for IATYESW (continued)

Name	Offset	Hex Tag
OUT_V_HDR_SIZE	D8	1A5
OUT_V_SIZE	0	1DD
OUT_V_SIZE_MAX	0	205
SEC_SIZE	D8	58
TRS_SIZE	D8	138
VRB_HDR_SIZE	D8	1D5
VRB_SIZE	D8	1ED

IATYEUR information

IATYEUR programming interface information

IATYEUR is a programming interface.

IATYEUR heading information

Common name: Extent Utilization Retrieve parameter list.

Macro ID: IATYEUR

DSECT name: EURSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: EUR
Offset: EURID
Length: L'EURID

Storage attributes: Subpool: 0 (JESPOOL)
Key: 1 (JESKEY)
Residency: ANY

Size: EURSIZE

Created by: IATIQPG

Pointed to by: N/A

Serialization: None

Function: Describes the Extent Utilization Retrieve parameter list.

IATYEUR mapping

Table 180. Structure EURSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	EURSTART	
0	(0)	CHARACTER	4	EURID	Data area identifier
4	(4)	BITSTRING	1	EUREXOPT	Extent options specified
		1...		EUREXALL	"X'80'" - EXT=ALL
		.1..		EUREXDRN	"X'40'" - EXT=DRAINED
		..1.		EUREXUNV	"X'20'" - EXT=UNAVAIL
		...1		EUREXHLD	"X'10'" - EXT=HELD
		.... 1...		EUREXLST	"X'08'" - EXT=LIST
		1111 1...		EUREXVLD	"X'F8'" Valid extent options

Table 180. Structure EURSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
5	(5)	BITSTRING	1	EURFLAGS	Internal processing flags
		1...		EURFEXTL	"X'80'" - EXTLIST= specified
		.1..		EURFSPBL	"X'40'" - SPBLIST= specified
6	(6)	BITSTRING	1	EURRSVD(2)	Reserved for IBM
8	(8)	ADDRESS	8	EUREUECH	64-bit address of the chain of EUEs from which the track group counts are to be retrieved.
16	(10)	SIGNED	4	EURGRPCT	Logical track group count
20	(14)	ADDRESS	4	EURLIST	EXTLIST/SPBLIST table address
20	(14)	X'18'	0	EUREND	"*"
20	(14)	X'18'	0	EURSIZE	"EUREND-EURSTART"

Table 181. Cross Reference for IATYEUR

Name	Offset	Hex Tag
EUREND	14	18
EUREUECH	8	
EUREXALL	4	80
EUREXDRN	4	40
EUREXHLD	4	10
EUREXLST	4	8
EUREXOPT	4	
EUREXUNV	4	20
EUREXVLD	4	F8
EURFEXTL	5	80
EURFLAGS	5	
EURFSPBL	5	40
EURGRPCT	10	
EURID	0	
EURLIST	14	
EURRSVD	6	
EURSIZE	14	18
EURSTART	0	

IATYEXF information

IATYEXF heading information

Common name: Exception Analysis Format Stack Entry

Macro ID: IATYEXF

DSECT name: EXFSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: YEXF
Offset: 0
Length: 4

Storage attributes: Main Storage: Any
Subpool: 0
Key: 0

Size:	EXFSIZE bytes
Created by:	IATABEA
Pointed to by:	R8 in IATABEA
Serialization:	NONE
Function:	This macro maps the stack entry used by Exception Analysis module, IATABEA. The stack entry keeps track of format-related information to allow for nesting of control blocks.

IATYEXF mapping

Table 182. Structure EXFSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	EXFSTART	
0	(0)	CHARACTER	4	EXFID	Control block id
4	(4)	ADDRESS	4	EXFPREV	Previous entry on the stack
8	(8)	ADDRESS	4	EXFNEXT	Next entry on the stack
		Information used during control block formatting.			
12	(C)	SIGNED	4	EXFMTPM(0)	Format parameter registers
12	(C)	SIGNED	4	EXFMTR0	R0 on entry to Format rtn.
16	(10)	SIGNED	4	EXFEFMAD	R1 on entry to Format rtn (pointer to format parameter data - EFMSTART)
20	(14)	ADDRESS	4	EXFFMTBF	Buffer address used by format service for retrieving control blocks while running under IPCS
20	(14)	X'1000'	0	EXFFSIZE	"4096" EXFFMTBF storage size
24	(18)	SIGNED	4	EXFSVCHK(11)	EXDDFCHK routine save area
		Start of area cleared when the exit is called.			
68	(44)	BITSTRING	1	EXFCLEAR(0)	Start of area to clear when initializing
68	(44)	ADDRESS	4	EXFTHIS	Current control block pointer (THIS)
72	(48)	ADDRESS	4	EXFLCLAD	Local address of data
76	(4C)	CHARACTER	8	EXFDSPNM	Data space name
84	(54)	SIGNED	4	EXFCOUNT	Number of entries to be processed
88	(58)	SIGNED	4	EXFCRCNT	Current entry number being processed
92	(5C)	ADDRESS	4	EXFARRAD	Current array entry address when an array which contains a pointer to another control block is processed
		Output Related Information Format Definition Address for this level - the one that caused the stack to be pushed down			
96	(60)	ADDRESS	4	EXFEDADR	EDASTART address
		Title line information.			
100	(64)	ADDRESS	4	EXFTTLAD	Title line address
104	(68)	SIGNED	2	EXFTTLLN	Title line length
		Flags Definition of EXFCBATT.			
106	(6A)	BITSTRING	1	EXFCBATT	Control block attributes

Table 182. Structure EXFSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		EXFAARAY	"X'80'" This is an array
		.1..		EXFATABL	"X'40'" This is a table
		..1.		EXFACNT	"X'20'" A count is associated with this control block
		...1		EXFACPLX	"X'10'" This is a complex array
		Definition of EXFFLAG1.			
107	(6B)	BITSTRING	1	EXFFLAG1	Flag one
		1...		EXFTITLE	"X'80'" Title line was formatted
		.1..		EXFHEADR	"X'40'" Header line was formatted
		..1.		EXFFMTCT	"X'20'" This is a continuation of a previous format request
		End of work area.			
112	(70)	DBL WORD	8	EXFEND(0)	End of work area
112	(70)	X'2C'	0	EXFCLEN	"EXFEND-EXFCLEAR" Size of area to clear for initialization
112	(70)	X'70'	0	EXFSIZE	"EXFEND-EXFSTART" Size of work area

Table 183. Cross Reference for IATYEXF

Name	Offset	Hex Tag
EXFAARAY	6A	80
EXFACNT	6A	20
EXFACPLX	6A	10
EXFARRAD	5C	
EXFATABL	6A	40
EXFCBATT	6A	0
EXFCLEAR	44	
EXFCLEN	70	2C
EXFCOUNT	54	0
EXFCRCNT	58	0
EXFDSPNM	4C	40404040
EXFEDADR	60	
EXFEFMAD	10	0
EXFEND	70	
EXFFLAG1	6B	0
EXFFMTBF	14	
EXFFMTCT	6B	20
EXFFSIZE	14	1000
EXFHEADR	6B	40
EXFID	0	E8C5E7C6
EXFLCLAD	48	
EXFMTPM	C	
EXFMTR0	C	0
EXFNEXT	8	
EXFPREV	4	
EXFSIZE	70	70

Table 183. Cross Reference for IATYEXF (continued)

Name	Offset	Hex Tag
EXFSTART	0	
EXFSVCHK	18	
EXFTHIS	44	
EXFTITLE	6B	80
EXFTTLAD	64	
EXFTTLLN	68	0

IATYEXW information

IATYEXW heading information

Common name: Exception Analysis Work Area

Macro ID: IATYEXW

DSECT name: EXWSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: EXWORK
Offset: 72
Length: 8

Storage attributes: Main Storage: Any
Subpool: 0
Key: 0

Size: EXWSIZE bytes

Created by: IATABEA

Pointed to by: R9 in IATABEA

Serialization: NONE

Function: This macro maps the work area used by the JES3 Exception Analysis module, IATABEA.

IATYEXW mapping

Table 184. Structure EXFSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	EXFSTART	
0	(0)	CHARACTER	4	EXFID	Control block id
4	(4)	ADDRESS	4	EXFPREV	Previous entry on the stack
8	(8)	ADDRESS	4	EXFNEXT	Next entry on the stack
		Information used during control block formatting.			
12	(C)	SIGNED	4	EXFMTPM(0)	Format parameter registers
12	(C)	SIGNED	4	EXFMTR0	R0 on entry to Format rtn.
16	(10)	SIGNED	4	EXFEFMAD	R1 on entry to Format rtn (pointer to format parameter data - EFMSTART)
20	(14)	ADDRESS	4	EXFFMTBF	Buffer address used by format service for retrieving control blocks while running under IPCS
20	(14)	X'1000'	0	EXFFSIZE	"4096" EXFFMTBF storage size
24	(18)	SIGNED	4	EXFSVCHK(11)	EXDDFCHK routine save area
		Start of area cleared when the exit is called.			

Table 184. Structure EXFSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
68	(44)	BITSTRING	1	EXFCLEAR(0)	Start of area to clear when initializing
68	(44)	ADDRESS	4	EXFTHIS	Current control block pointer (THIS)
72	(48)	ADDRESS	4	EXFLCLAD	Local address of data
76	(4C)	CHARACTER	8	EXFDSPNM	Data space name
84	(54)	SIGNED	4	EXFCOUNT	Number of entries to be processed
88	(58)	SIGNED	4	EXFCRCNT	Current entry number being processed
92	(5C)	ADDRESS	4	EXFARRAD	Current array entry address when an array which contains a pointer to another control block is processed
		Output Related Information Format Definition Address for this level - the one that caused the stack to be pushed down			
96	(60)	ADDRESS	4	EXFEDADR	EDASTART address
		Title line information.			
100	(64)	ADDRESS	4	EXFTTLAD	Title line address
104	(68)	SIGNED	2	EXFTTLLN	Title line length
		Flags Definition of EXFCBATT.			
106	(6A)	BITSTRING	1	EXFCBATT	Control block attributes
		1...		EXFAARAY	"X'80'" This is an array
		.1..		EXFATABL	"X'40'" This is a table
		..1.		EXFACNT	"X'20'" A count is associated with this control block
		...1		EXFACPLX	"X'10'" This is a complex array
		Definition of EXFFLAG1.			
107	(6B)	BITSTRING	1	EXFFLAG1	Flag one
		1...		EXFTITLE	"X'80'" Title line was formatted
		.1..		EXFHEADR	"X'40'" Header line was formatted
		..1.		EXFFMTCT	"X'20'" This is a continuation of a previous format request
		End of work area.			
112	(70)	DBL WORD	8	EXFEND(0)	End of work area
112	(70)	X'2C'	0	EXFCLEN	"EXFEND-EXFCLEAR" Size of area to clear for initialization
112	(70)	X'70'	0	EXFSIZE	"EXFEND-EXFSTART" Size of work area

Table 185. Structure EXWSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	EXWSTART	
0	(0)	SIGNED	4	EXSAVE(18)	Standard MVS save area
72	(48)	CHARACTER	8	EXWID	Control block id
80	(50)	BITSTRING	8	EXWTIME	Data time stamp - when module entered or when dump taken

Table 185. Structure EXWSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
88	(58)	DBL WORD	8	EXWDWORK	Conversion work area
		Control block and routine addresses.			
96	(60)	ADDRESS	4	EXWTVT	TVT address
100	(64)	ADDRESS	4	EXWSSVT	SSVT address
104	(68)	ADDRESS	4	EXWASCB	ASCB address
108	(6C)	ADDRESS	4	EXWFNDAD	Find routine address
112	(70)	ADDRESS	4	EXWFMTAD	Format routine address
116	(74)	ADDRESS	4	EXWWRTAD	Write routine address
		Environment specific information.			
120	(78)	ADDRESS	4	EXWEWTAD	Environment specific write routine address
124	(7C)	ADDRESS	4	EXWEDATA	Environment specific data area address number 1
128	(80)	ADDRESS	4	EXWEDAT2	Environment specific data area address number 2
		Output Related Information Output line work area.			
132	(84)	BITSTRING	135	EXWOUTWK(0)	Output line work area
132	(84)	BITSTRING	2	EXWOUTLN	Output line length
134	(86)	CHARACTER	1	EXWOUTCC	Carriage control
135	(87)	CHARACTER	132	EXWOUTTX	Output line text
		Save Areas Save area used to save registers prior to calling an exit routine.			
268	(10C)	SIGNED	4	EXWEXTSV(11)	Save area used before calling exit routine
		Save area stack. Registers 0 through 14 are saved in the save area stack. In addition, each save area also contains a retry address and parameter in the save area stack that is 8 levels deep.			
312	(138)	ADDRESS	4	EXWSVNXT	Pointer to the next save area to use
316	(13C)	SIGNED	4	EXWSVSTK(0)	Save area stack
316	(13C)	X'44'	0	EXWSVSIZ	"17*4" Size of one save area
316	(13C)	X'38'	0	EXWSVR14	"R14*4,4" R14 offset in save area
372	(174)	BITSTRING	8	EXWSVRTY(0)	Start of retry information
372	(174)	ADDRESS	4	EXWSVRAD	Retry address or zero
376	(178)	SIGNED	4	EXWSVRPM	Retry parm or zero
860	(35C)	SIGNED	4	EXWSVWRK	Work area for save area stacking code
		Storage Access Parameter List for IPCS. BLSABDPL DSECT=NO, Don't map as DSECT X			
0	(0)	X'80'	0	BIT0	"128"
0	(0)	X'40'	0	BIT1	"64"
0	(0)	X'20'	0	BIT2	"32"
0	(0)	X'10'	0	BIT3	"16"

Table 185. Structure EXWSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	X'8'	0	BIT4	"8"
0	(0)	X'4'	0	BIT5	"4"
0	(0)	X'2'	0	BIT6	"2"
0	(0)	X'1'	0	BIT7	"1"
		========== Storage access parameter list ==========			
864	(360)	DBL WORD	8	ADPLPACC(0)	Storage access parameter list
864	(360)	ADDRESS	4	ADPLPAAD	Dump address to access
868	(364)	ADDRESS	4	ADPLPART	Buffer location of data
872	(368)	BITSTRING	56		reserved
872	(368)	X'40'	0	ADPLLACC	"*-ADPLPACC" Length of ADPLPACC
		Recovery Information.			
928	(3A0)	ADDRESS	4	EXWMODPT	Address of module entry for exception analysis module being called
		Definition of EXWTRAC1.			
932	(3A4)	BITSTRING	1	EXWTRAC1	Trace flag one
		1...		EXWINTCM	"X'80'" Initialization completed
		.1..		EXWMODCL	"X'40'" Exception analysis module is being called
		..1.		EXWRRENT	"X'20'" Recovery routine entered
		...1		EXWTERMP	"X'10'" Termination processing is being performed
		Flags Definition of EXWENVIR.			
933	(3A5)	BITSTRING	1	EXWENVIR	Environment flag
933	(3A5)	X'4'	0	EXWDC	"4" IATABEA was called from dump core
933	(3A5)	X'8'	0	EXWGRMNC	"8" IATABEA was called from IATGRMNC
933	(3A5)	X'C'	0	EXWIPCS	"12" IATABEA was called from IPCS
		Format Data.			
936	(3A8)	ADDRESS	4	EXWFMTBF	Buffer stack address used by format service for retrieving control blocks when running under IPCS
		Format Stack Entries.			
936	(3A8)	X'5'	0	EXWNUMXF	"5" Number of entries
940	(3AC)	ADDRESS	4	EXWEXFST	First YEXF
944	(3B0)	ADDRESS	4	EXWEXCUR	Current YEXF
948	(3B4)	ADDRESS	4	EXWEXLST	
952	(3B8)	SIGNED	4	EXWADEND(0)	End of work area addressability
952	(3B8)	BITSTRING	0	EXWEXF(0)	Format stack entries
		End of work area.			
1512	(5E8)	DBL WORD	8	EXWEND(0)	End of work area

Table 185. Structure EXWSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1512	(5E8)	X'5E8'	0	EXWSIZE	"EXWEND-EXWSTART" Size of work area

Table 186. Cross Reference for IATYEXW

Name	Offset	Hex Tag
ADPLLACC	368	40
ADPLPAAD	360	
ADPLPACC	360	
ADPLPART	364	
BIT0	0	80
BIT1	0	40
BIT2	0	20
BIT3	0	10
BIT4	0	8
BIT5	0	4
BIT6	0	2
BIT7	0	1
EXFAARAY	6A	80
EXFACNT	6A	20
EXFACPLX	6A	10
EXFARRAD	5C	
EXFATABL	6A	40
EXFCBATT	6A	0
EXFCLEAR	44	
EXFCLEN	70	2C
EXFCOUNT	54	0
EXFCRCNT	58	0
EXFDSPNM	4C	40404040
EXFEDADR	60	
EXFEFMAD	10	0
EXFEND	70	
EXFFLAG1	6B	0
EXFFMTBF	14	
EXFFMTCT	6B	20
EXFFSIZE	14	1000
EXFHEADR	6B	40
EXFID	0	E8C5E7C6
EXFLCLAD	48	
EXFMTPM	C	
EXFMTR0	C	0
EXFNEXT	8	
EXFPREV	4	
EXFSIZE	70	70
EXFSTART	0	
EXFSVCHK	18	
EXFTHIS	44	

Table 186. Cross Reference for IATYEXW (continued)

Name	Offset	Hex Tag
EXFTITLE	6B	80
EXFTTLAD	64	
EXFTTLLN	68	0
EXSAVE	0	0
EXWADEND	3B8	
EXWASCB	68	
EXWDC	3A5	4
EXWDWORK	58	0
EXWEDATA	7C	
EXWEDAT2	80	
EXWEND	5E8	
EXWENVIR	3A5	0
EXWEWTAD	78	
EXWEXCUR	3B0	
EXWEXF	3B8	0
EXWEXFST	3AC	
EXWEXLST	3B4	
EXWEXTSV	10C	0
EXWFMTAD	70	
EXWFMTBF	3A8	
EXWFNDAD	6C	
EXWGRMNC	3A5	8
EXWID	48	C5E7E6D6
EXWINTCM	3A4	80
EXWIPCS	3A5	C
EXWMODCL	3A4	40
EXWMODPT	3A0	
EXWNUMXF	3A8	5
EXWOUTCC	86	40
EXWOUTLN	84	0
EXWOUTTX	87	40404040
EXWOUTWK	84	
EXWRRENT	3A4	20
EXWSIZE	5E8	5E8
EXWSSVT	64	
EXWSTART	0	
EXWSVNXT	138	
EXWSVRAD	174	
EXWSVRPM	178	
EXWSVRTY	174	
EXWSVR14	13C	38
EXWSVSIZ	13C	44
EXWSVSTK	13C	0
EXWSVWRK	35C	0
EXWTERMP	3A4	10
EXWTIME	50	0

Table 186. Cross Reference for IATYEXW (continued)

Name	Offset	Hex Tag
EXWTRAC1	3A4	0
EXWTVT	60	
EXWWRTAD	74	

IATYFCT information

IATYFCT programming interface information

The following fields are **NOT** programming interface information:

- FCTATFPF
- FCTCBPTR
- FCTCSSAD
- FCTFSLOC
- FCTFSWA
- FCTTIMEX
- FCTTNEXT

IATYFCT heading information

Common name: FUNCTION CONTROL TABLE

Macro ID: IATYFCT

DSECT name: FCTSTART, GLSTART, FSESTART

Owning component: JES3 (SC1BA)

Eye-catcher ID:
FCT (FCTSTART), FSE (FSESTART)
Offset: 0
Length: 4

Storage attributes:
Main Storage: JES3 NUCLEUS
(MODULE IATGRPT),
FSS NUCLEUS
(MODULE IATGRPTF),
JESPOOL
Auxiliary Storage: N/A

Size:
FCTSTART - FCTSIZE
GLSTART - GLSIZE
FSESTART - FSESIZE

Created by:
IATGRG1
IATGRPT
IATGRPTF
IATINRB

Pointed to by:
FCTSTART: REGISTER 11
IATYTVT FIELD FCTTOP
IATYFCT FIELD FCTNEXT
IATYFCT FIELD FCTPREV
IATYJAD FIELD JADFCTAD (FOR IATDMJA)
IATYRSQ FIELD RQFCTAD
IATYIDD FIELD IDDFCT
IATYSQD FIELD SQDFCTAD
GLSTART: IATYFCT FIELD FCTGLIST
FSESTART: IATYFCT FIELD FCTFSEA

Serialization: AENQ

Function:
REPRESENTS A DISPATCHABLE UNIT OF WORK
IN THE JES3 ADDRESS SPACE, OR AN FSS
WHICH SUPPORTS JES3 NUCLEUS SERVICES

IATYFCT mapping

Table 187. Structure FCTSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	FCTSTART	
0	(0)	CHARACTER	4	FCTID	IDENTIFIER FOR FCT
4	(4)	BITSTRING	4	FCTAWLM	GET ECF ADDR, NEXT FCT ADDR
8	(8)	BITSTRING	4	FCTAWTM	AWAIT TEST UNDER MASK
12	(C)	BITSTRING	4	FCTAWBC	AWAIT BRANCH ON CONDITION
16	(10)	BITSTRING	2	FCTAWBU	FCT DISPATCH BRANCH
18	(12)	BITSTRING	1	FCTFSFL2	DSP FAILSOFT FLAGS
		DEFINITION OF FCTFSFL2			
		1...		FCTFSRSN	"X'80'" FAILDSP REASON CODE SUPPLIED
		.1..		FCTFSPFL	"X'40'" - PENDING FAILDSP FOR THIS FCT
		..1.		FCTFSATA	"X'20'" - DSP IS ABENDING UNDER AUXTASK
		...1		FCTFSMPC	"X'10'" - MPC address supplied
		.... 1...		FCTFSASI	"X'08'" - ASID supplied
19	(13)	BITSTRING	1	FCTAWDLN	AWAIT data length
20	(14)	SIGNED	4	FCTMSKTR(0)	MASK TRACE
20	(14)	BITSTRING	1		Must be zero
21	(15)	BITSTRING	2	FCTAWRSN	AWAIT reason code or zero
23	(17)	BITSTRING	1	FCTMASK	ECF MASK
24	(18)	ADDRESS	4	FCTECFAD	ECF ADDRESS
28	(1C)	ADDRESS	4	FCTNEXT	NEXT FCT ON FCT CHAIN
32	(20)	ADDRESS	4	FCTPREV	PREVIOUS FCT ON FCT CHAIN
THE NEXT 6 FIELDS MUST NOT BE ALTERED IN SEQUENCE (FCTTNEXT,FCTTUID,FCTTIMEI,FCTTIMEX,FCTTFLAG,FCTTQERS) THEY ARE MAPPED BY THE TQE DSECT IN MODULE IATGRTM					
36	(24)	ADDRESS	4	FCTTNEXT	- ATIME QUEUE CHAIN FIELD
40	(28)	CHARACTER	4	FCTTUID	- ATIME QUEUE ELEMENT ID FIELD
44	(2C)	SIGNED	4	FCTTIMEI	ATIME QUEUE ELEMENT INTERVAL
48	(30)	ADDRESS	4	FCTTIMEX	ATIME QUEUE ELEMENT ENTER ADDR
52	(34)	BITSTRING	1	FCTTFLAG	ATIME QUEUE ELEMENT FLAG BYTE
53	(35)	BITSTRING	1	FCTTQERS(3)	RESERVED
		DEFINITION OF FCTTFLAG			
		1...		FCTQAVAL	"X'80'" - TIMER ENTRY AVAILABLE(INACTIVE)
		.1..		FCTQDONE	"X'40'" - TIMER INTERVAL COMPLETE(EXPIRED)
		..1.		FCTQUSER	"X'20'" - TMR ENTRY AREA PROVIDED BY USER
		...1		FCTQHEAD	"X'10'" - TIMER ENTRY IS WITHIN THE FCT
		.... 1...		FCTQIDOP	"X'08'" - ID IS IN TIMER ENTRY
		.... .1..		FCTQWAIT	"X'04'" - BUSY OMITTED, WAIT OPTION
		.... ..1.		FCTQFCTO	"X'02'" - FCT OPTION

Table 187. Structure FCTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
56	(38)	ADDRESS	4	FCTTELPT	TELS FOR THIS FCT
60	(3C)	SIGNED	4	FCTRESON	FAILDSP FAILURE REASON CODE
					FCTGPARM IS USED TO PASS A PARAMETER TO A JES3 SERVICE ROUTINE. THE CONTENTS OF FCTGPARM SHOULD BE REMOVED ON ENTRY TO THE SERVICE ROUTINE, SINCE THE FIELD MAY BE DESTROYED ANYTIME CONTROL IS GIVEN UP BY THE SERVICE.
64	(40)	SIGNED	4	FCTGPARM	GENERAL FIELD FOR PASSING A PARAMETER TO A JES3 SERVICE
68	(44)	SIGNED	4	FCTRSVSF	RESERVED FOR SERVICE
72	(48)	SIGNED	2	FCTFREND(0)	END OF FCT FROZEN SECTION
					WARNING THE OFFSETS FOR THE FIELDS DEFINED BETWEEN FCTSTART AND FCTFREND MUST NOT BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON SOME JES3 MODULES.
72	(48)	BITSTRING	1	FCTDFLG1	DSP FLAG BYTE
					DEFINITION OF FCTDFLG1 NOTE: FCTDFLG1 IS USED BY DSPS WHILE EXECUTING UNDER AN FCT TO NOTE STATUS.
		1...		FCTWTRSC	"X'80'" WTR SCHEDULING ACTIVE
		.1..		FCTNJE1	"X'40'" NJE ROUTE CARD INDICATOR
		..1.		FCTCAHFC	"X'20'" CONSOLE APPENDAGE HANDLES *FAIL COMMANDS
		...1		FCTFLACT	"X'10'" *FAIL COMMAND PROCESSING ACTIVE
73	(49)	BITSTRING	1	FCTDMFLG	SPOOL D.M. FLAG BYTE
		1...		FCTNOWT	"X'80'" NO WAIT REQUEST
		.1..		FCTPARM	"X'40'" ID = SPECIFIED ON CALL
		..1.		FCTWRMOD	"X'20'" OPTION=MODONLY REQUESTED ON WRTCHAIN MACRO
		...1		FCTSPYES	"X'10'" SPAN=YES SPECIFIED ON THE ADEBLOCK MACRO
		.... 1...		FCTDEFWR	"X'08'" TYPE=DEFER SPECIFIED ON THE JDSPUT MACRO
		.... .1..		FCTMODJD	"X'04'" INDICATE JDS BUFFER SHOULD BE WRITTEN AT JDSREL TIME
		.... ..1.		FCTNOPUT	"X'02'" WRITE PUTBUF=NO
		1		FCTJMSJE	"X'01'" JESMSG JESTAE IN EFFECT
74	(4A)	BITSTRING	1	FCTDMFL2	Spool D.M. flag byte 2 16893TBC
					---------- 16893TBA Definition of FCTDMFL2 16893TBA ---------- 16893TBA
		1...		FCTSTTEX	"X'80'" This FCT owns STT reconfig. 16893TBA
		.1..		FCTATUPD	"X'40'" Update VALID array
75	(4B)	BITSTRING	1	FCTRSVD6	Reserved for IBM 16893TBA
76	(4C)	SIGNED	4	FCTREGS(0)	- REGISTERS 0-15 OVER AWAIT
76	(4C)	SIGNED	4	FCTREG0	REG 0 : ON AWAIT = ECF ADDR
80	(50)	SIGNED	4	FCTREG1	REG 1 : ON AWAIT CONTAINS --
80	(50)	X'50'	0	FCTFUNCD	"FCTREG1,1" --AWAIT FUNCTION CODE -- AWAIT REASON CODE OR ZERO (2 bytes)

Table 187. Structure FCTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
80	(50)	X'53'	0	FCTECFMK	"FCTREG1+3,1" --ECF MASK
84	(54)	SIGNED	4	(8)	REGISTERS 2-9
116	(74)	SIGNED	4	FCTBASE	- REGISTER 10
120	(78)	SIGNED	4	FCTSELF	- ADDRESS OF THIS FCT (R11)
124	(7C)	SIGNED	4	FCTTVPTR	- ADDRESS OF TVTABLE (R12)
128	(80)	SIGNED	4	FCTSAVE	- REGISTER 13
132	(84)	SIGNED	4	FCTRETN	- REGISTER 14
136	(88)	SIGNED	4	FCTREG15	REG 15 : ON AWAIT = AWAIT ADDR
140	(8C)	SIGNED	4	FCTSAVCH	- ACTIVE SAVE AREA CHAIN
144	(90)	SIGNED	4	FCTJSR0	REG 0 SAVE AREA FOR JESTAE
148	(94)	SIGNED	4	FCTJSR1	REG 1 SAVE AREA FOR JESTAE
152	(98)	SIGNED	4	FCTJSR10	REG 10 SAVE AREA FOR JESTAE
156	(9C)	SIGNED	4	FCTJSR14	REG 14 SAVE AREA FOR JESTAE
Top halves of 64-bit registers.					
160	(A0)	SIGNED	4	FCTREGSH(16)	Top halves of R0-R15
Access Registers.					
224	(E0)	SIGNED	4	FCTREGSA(16)	Access registers AR0-AR15
288	(120)	SIGNED	4	FCTAMOD	Save area for AMODE
292	(124)	ADDRESS	4	FCTRQAD	Address of the RQ
296	(128)	SIGNED	4	FCTDSPDC	- ADDRESS OF DSP DICTIONARY ENTRY
300	(12C)	SIGNED	4	FCTCSECT	- ADDRESS OF CSECT JDE FOR REENT MODS
304	(130)	SIGNED	4	FCTCDE	ADDRESS OF DRVR CSECT JDE
308	(134)	SIGNED	4	FCTTIMON	- FCT login time as HHMMSSts 18078TAC (signed-packed-decimal) 18078TAA
312	(138)	SIGNED	4	FCTLOGIN	- CONSOLE MSG ENTRY FROM LOGIN
316	(13C)	BITSTRING	12	FCTSPWRK	SPOOL DATA MGT. WORK AREA
328	(148)	BITSTRING	12	FCTSPWK2	SPOOL DATA MGT. WORK AREA
340	(154)	BITSTRING	6	FCTSPADR	TEMP. SP ADDR SAVE AREA
346	(15A)	SIGNED	2	FCTQDCOM	NUMBER OF COMMANDS QUEUED TO FCT (FROM FCTCBPTR)
348	(15C)	BITSTRING	1	FCTSESEQ	SE SEQUENCE NO. THIS FUNCTION
349	(15D)	BITSTRING	1	FCTJCTPY	THIS JOB'S JCT PRIORITY
350	(15E)	BITSTRING	1	FCTPRTY	FUNCTION PRIORITY
351	(15F)	BITSTRING	1	FCTSPRKY	KEY FOR SETPRINT SUBTASK
352	(160)	ADDRESS	4	FCTNQADD	Address of FCT AENQ element queue for the resources that were AENQ'd by this FCT
356	(164)	SIGNED	2	FCTGETSZ	Size of the FCT 16893TBM
358	(166)	SIGNED	2	FCTYERON	FCT login year as 0CYY 18078TAC
360	(168)	DBL WORD	8	FCTWORK	WORK AREA FOR DSPS
368	(170)	ADDRESS	4	FCTATDE	ADDRESS OF ATDE OR ZERO
372	(174)	SIGNED	2	FCTDATON	FCT login date on as DDDs 18078TAC (signed-packed-decimal) 18078TAA
374	(176)	BITSTRING	1	FCTRSVS3	RESERVED FOR SERVICE
375	(177)	BITSTRING	1	FCTSNAFL	SNA RJP FLAG

Table 187. Structure FCTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		FCTSNAFA	"X'80'" SNA FAILED THIS DSP
		.1..		FCTSNAOP	"X'40'" IND. OPERATOR FAILED SNARJP
376	(178)	SIGNED	4	FCTSPPSV	SETPRINT SAVE AREA
380	(17C)	SIGNED	4	FCTRSRJP	USED BY RTAM JESTAE
		1		FRSTABND	"X'01'" RECURSIVE JESTAE ENTRY
384	(180)	SIGNED	4	FCTRSVD2(2)	*** AVAILABLE TO USER
392	(188)	SIGNED	4	FCTCBPTR	- POINTER TO CONSOLE BUFFER CHAIN
396	(18C)	SIGNED	4	FCTGLIST	- POINTER TO GETUNIT LIST
400	(190)	SIGNED	4	FCTGSD	GEN. SUBTASK DIRECTORY ADDR
404	(194)	ADDRESS	4	FCTRDQCH	READY QUEUE CHAIN POINTER
408	(198)	BITSTRING	1	FCTFLAG1	- FLAG BYTE 1
		DEFINITION OF FCTFLAG1			
		1...		FCTNOEF	"X'80'" - DO NOT CREATE ENDING FUNCTION
		.1..		FCTVALID	"X'40'" - VALIDATE=YES ON GETUNIT MAC 250
		..1.		FCTAGET	"X'20'" - TURNED ON WHEN AN APUTMAIN IS DONE, TURNED OFF AFTER AN UNSUCCESSFUL AGETMAIN REQUEST
		...1		FCTGNOAL	"X'10'" - ALLO=NO ON CALL TO GETPUTUN
		.... 1...		FCTNUCHG	"X'08'" - DSP UC CHG NOT REQD
		.... .1..		FCTNEFDL	"X'04'" - NO E. F. - DELETE FCT
		.... ..1.		FCTGUFP	"X'02'" FAST PATH GETUNIT REQUEST
		1		FCTDLFCT	"X'01'" - DELETE FCT, RETURN RQ TO JSS FOR ENDING FUNCTION PROCESS.
409	(199)	BITSTRING	1	FCTFLAG2	- FLAG BYTE 2
		DEFINITION OF FCTFLAG2 DSP RETURN CODE TO JSS SAME AS RQDSPRC IN IATYRSQ			
409	(199)	X'0'	0	FCTJSNRM	"0" - NORMAL COMPLETION
409	(199)	X'4'	0	FCTJSRSK	"4" - PUT JOB IN HOLD FOR LATER RESCHED
409	(199)	X'8'	0	FCTJSSPR	"8" - SPECIALIZED RESCHEDULE
409	(199)	X'C'	0	FCTJPURG	"12" - CANCEL ALL JOB SE'S EXCEPT PURGE
409	(199)	X'10'	0	FCTJSCAN	"16" - CANCEL WITH PRINT
409	(199)	X'14'	0	FCTABDSP	"20" RETURN FROM FAILSOFT
409	(199)	X'18'	0	FCTIIRES	"24" CI DSP USE COUNT RESCHEDULE
409	(199)	X'1C'	0	FCTSMSRS	"28" JOB REQUIRES SMS RESOURCES
409	(199)	X'20'	0	FCTNOMPL	"32" JOB REQUIRES MAIN PROCESSOR 0181 TO PERFORM LOCATES 0181
409	(199)	X'24'	0	FCTIIJSM	"36" C/I JSAM buffer usage re- 0082 schedule 0082
410	(19A)	BITSTRING	1	FCTFLAG3	- FLAG BYTE 3
		DEFINITION OF FCTFLAG3			
		1...		FCTSPIE	"X'80'" - FAILSOFT IN PROCESS
		.1..		FCTPERM	"X'40'" - THIS IS A PERMANENT FCT

Table 187. Structure FCTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		FCTQUIES	"X'20'" - FCT HAS BEEN QUIESCED BY FAILSOFT
		...1		FCTRTSPR	"X'10'" - RETURN THE JOB TO JSS FOR SPECIALIZED RESCHEDULING WHEN FINISHED
		.... 1...		FCTNCKRC	"X'08'" - FAILSOFT RECOVERY IS IN PROGRESS FOR THE NCK
		.... .1..		FCTPREAL	"X'04'" - THIS IS A PRE-ALLOCATED FCT
		.... ..1.		FCTSRESD	"X'02'" - DSP REENTERED FROM SPECIALIZED RESCHEDULE - GETUNIT DONE OR... JOB IS BEING RESCHEDULED FOR POSTSCAN
		1		FCTNEXMT	"X'01'" - TYPICALLY EXEMPT FCT SHOULD BE CONSIDERED NON-EXEMPT WHEN ISSUING A MESSAGE MACRO
411	(19B)	BITSTRING	1	FCTFLAG4	- FLAG BYTE 4
		DEFINITION OF FCTFLAG4			
		1...		FCTJMSRQ	"X'80'" IATXARQ FOR JESMSG ISSUED
		.1..		FCTONRDQ	"X'40'" FCT IS ON READY QUEUE #0343
		..1.		FCTELRDQ	"X'20'" FCT IS ELIGIBLE FOR READY QUEUE
		...1		FCTPENDR	"X'10'" FCT PENDING REROUTE PROCESS
		.... 1...		FCTECFOF	"X'08'" - JSSDR-MSK/ADR IN FCTWORK FOR NI INS
		.... .1..		FCTECFON	"X'04'" - JSSDR-MSK/ADR IN FCTWORK FOR OI INS
		.... ..1.		FCTJMAIN	"X'02'" MSMS FCT (PRTY SCHEDULING)
		1		FCTDSPAB	"X'01'" DSP TERMINATED BY FAILSOFT
412	(19C)	BITSTRING	1	FCTFSFLG	- DSP FAIL SOFT FLAGS
412	(19C)	X'19C'	0	FCTFSFL1	"FCTFSFLG" DSP FAILSOFT FLAGS
		DEFINITION OF FCTFSFL1			
		1...		FCTDPCAN	"X'80'" - Duplicate FCT fail candidate0035
		.1..		FCTFAIL	"X'40'" - FAILDSP MACRO CAUSED ABEND
		..1.		FCTFAILC	"X'20'" - CURRENT FCT WAS FAILED
		...1		FCTFSNDP	"X'10'" - NO DUMP REQUIRED FOR THIS FAILURE
		.... 1...		FCTFSEXT	"X'08'" - JESTAE EXIT ROUTINE IS IN CONTROL
		.... .1..		FCTFSIRB	"X'04'" - THIS FCT IS FOR A FAILED IRB-EXIT
		.... ..1.		FCTFSNLG	"X'02'" - No logout required for the 12857T1C next failure, this bit is 12857T1A reset in IATABRT after 12857T1A processing one failure 12857T1A
		1		FCTFSJFD	"X'01'" - ONLY JES3 FORMATTED DUMP REQUIRED
413	(19D)	BITSTRING	1	FCTRSVDP	RESERVED FOR DEVELOPMENT
414	(19E)	SIGNED	2	FCTMFCNT	- MAX FAILURE COUNT BEFORE TERMINATION
416	(1A0)	SIGNED	4	FCTASTCB	- TCB ADDR OF AN ASSOCIATED SUBTASK

Table 187. Structure FCTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
420	(1A4)	SIGNED	4	FCTFSID(0)	FSID OF ASSOCIATED FSS (FROM JSERV)
420	(1A4)	SIGNED	2	FCTFSSID	FSS PORTION OF FSID
422	(1A6)	SIGNED	2	FCTFSAID	FSA PORTION OF FSID
424	(1A8)	SIGNED	4	FCTLRECL	Original logical record length of a record
428	(1AC)	SIGNED	4	FCTJCTWC	Number of JCTs that this FCT has in write access mode (via IATXJCT TYPE=RW)
432	(1B0)	CHARACTER	6	FCTFSCOD	- ABEND CODE FOR FAILDSP MACRO
438	(1B6)	SIGNED	2	FCTRSVD4	Reserved for development
440	(1B8)	SIGNED	4	FCTFSLOC	- LOCATION OF FAILDSP MACRO
444	(1BC)	SIGNED	4	FCTFSRTN	- SAVE AREA FOR FCTRETN OVER FAILDSP
448	(1C0)	SIGNED	4	FCTJESCB(4)	JESTAE CONTROL BLOCK (SEE IATYSCB)
464	(1D0)	SIGNED	2	FCTFCNT	- FCT FAILURE COUNT
466	(1D2)	SIGNED	2	FCTPCNT	- JESTAE PERCOLATION COUNT
468	(1D4)	SIGNED	4	FCTFSWA	- FAIL SOFT WORK AREA ADDRESS
472	(1D8)	SIGNED	4	FCTSLEVL	- CURRENT ASAVE LEVEL FOR JESTAE
476	(1DC)	SIGNED	4	FCTCLEVL	- CURRENT JESTAE CONTROL BLOCK
480	(1E0)	BITSTRING	1	FCTRSFLG	- SPEC RESCHED REQMNTS FLG
		DEFINITION OF FCTRSFLG			
		.1..		FCTPRRQD	"X'40'" FCT SPEC RESCHD FOR PRT
		..1.		FCTPURQD	"X'20'" FCT SPEC RESCHD FOR PUN
		...1		FCTOTRQD	"X'10'" FCT SPEC RESCHD FOR NON PR/PU
		.... 1...		FCTCNSRS	"X'08'" FCT CANCLD WHILE SPEC RESHD
481	(1E1)	BITSTRING	1	FCTCNFLG	CONSOLE SERVICES FLAG
		DEFINITION OF FCTCNFLG			
		1...		FCTCMNDQ	"X'80'" MSG AFTER 2ND ENQUEUED CMND
		.1..		FCTCNMSG	"X'40'" CONSOLE MESSAGE TO PROCESS
		..1.		FCTEXMPT	"X'20'" EXEMPT FOR CONSOLE BUFFER REQS.
482	(1E2)	SIGNED	2	FCTDMDSP	JSAM SRF CHAIN FDB DISP
484	(1E4)	SIGNED	4	FCTDMID	JSAM SRF ID
488	(1E8)	SIGNED	4	FCTDMRT	JSAM SRF ROOT FDB ADDR
492	(1EC)	SIGNED	4	FCTEFPST	EF ECF ADDRESS FOR POST
496	(1F0)	BITSTRING	1	(3)	MUST BE ZERO
499	(1F3)	BITSTRING	1	FCTEFMSK	EF ECF MSK FOR POST
500	(1F4)	SIGNED	4	FCTWKSAV(16)	- ASAVE AND IATXJLOK WORKAREA
564	(234)	SIGNED	4	FCTWKSVH(16)	ASAVE top halves of R0-R15
628	(274)	SIGNED	4	FCTWKSVA(16)	ASAVE Access registers 0-15
692	(2B4)	SIGNED	4	FCTFSCDS	- DM CODE FOR PENDING FAILDSP
696	(2B8)	SIGNED	4	FCTLOCK	- ADDR OF LOCK HELD OR ZERO
700	(2BC)	BITSTRING	1	FCTLTYPE	- LOCK HELD FLAGS
		DEFINITION OF FCTLTYPE			
		1...		FCTBSCLN	"X'80'" - RBSC RJP LINE LOCK HELD

Table 187. Structure FCTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
701	(2BD)	BITSTRING	1	FCTMODE	- FCT MODE AND CONTROL FLAGS
		DEFINITION OF FCTMODE			
		1...		FCTATM	"X'80'" - FCT IS IN AUXTASK MODE
		.1..		FCTATCTL	"X'40'" - FCT IS UNDER AUXTASK CONTROL
		..1.		FCTARMOD	"X'20'" AWAIT entered in AR mode
		...1		FCTSVARM	"X'10'" ASAVE entered in AR mode
702	(2BE)	BITSTRING	1	FCTMSGCT	COUNT OF MESSAGES ISSUED #389
703	(2BF)	BITSTRING	1	FCTRSVD1	- RESERVED FOR DEVELOPMENT #389
704	(2C0)	SIGNED	4	FCTRAP14	- R14 SAVEAREA FOR DC TRAP
708	(2C4)	SIGNED	4	FCTIME(2)	- TOD SET IN IATGRCT
716	(2CC)	SIGNED	4	FCTMSGID	- ACTION MESSAGE ID
720	(2D0)	SIGNED	4	FCTJSSWK	- I S REG SAVE ADDR FOR JSS
		THE NEXT TWO FULLWORDS ARE FOR USE BY SPOOL DATA MANAGEMENT.			
724	(2D4)	SIGNED	4	FCTSPLRL	SPANNED LOGICAL RECORD LEN
728	(2D8)	BITSTRING	1	FCTSPFLG	S.D.M. SPANNED DATA FLAG
		DEFINITION OF FCTSPFLG THE HIGH ORDER BIT ON SIGNIFIES THAT THE DATA IS A SPANNED RECORD. WHEN THE HIGH ORDER BIT IS ON, IF BIT ONE IS ON, THE DATA IS THE FIRST 'RECORD SECTION' OF A SPANNED RECORD. IF BIT TWO IS ON, THE DATA IS THE LAST 'RECORD SECTION' OF A SPANNED RECORD. IF BITS ONE AND TWO ARE OFF, THE DATA IS THE NTH 'RECORD SECTION' OF A SPANNED RECORD.			
		....		FCTNOSPN	"X'00'" SPAN DATA IS NOT PRESENT
		1...		FCTSPAN	"X'80'" SPAN DATA PRESENT
		11..		FCTSPFIR	"X'C0'" FIRST 'RECORD SECTION'
		1...		FCTSPNTH	"X'80'" NTH 'RECORD SECTION'
		1.1.		FCTSPLST	"X'A0'" LAST 'RECORD SECTION'
729	(2D9)	BITSTRING	1	FCTCCFLG	CARRIAGE CONTROL FLAG
		DEFINITION OF FCTCCFLG SET BY THE ADEBLOCK ROUTINE IN IATDMDT. SAME AS THE HIGH ORDER FOUR BITS OF THE FLAG IN DATCC.			
		1...		FCTCPDS	"X'80'" COMPOSED PAGE DATA STREAM CC
		.1..		FCTMAC	"X'40'" MACHINE CARRIAGE CONTROL
		..1.		FCTASA	"X'20'" ASA CARRIAGE CONTROL
		...1		FCTOPTCD	"X'10'" OPTCD=J
730	(2DA)	BITSTRING	1	FCTSDMGF	SDM general flag
		Definition of FCTSDMGF			
		1...		FCTNBUFF	"X'80'" New buffer obtained as a result of ALOCATE/ABLOCK processing; the flag is always reset in an IATXFDB ALOCATE ADDFDB request

Table 187. Structure FCTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.1..		FCTUSEFL	"X'40'" Use FCTLRECL. This flag is checked by IATDMDT to determine whether FCTLRECL or R0 value has to be used
		..1.		FCTINPTR	"X'20'" SYSIN pointer record
		...1		FCT0RLEN	"X'10'" Process zero length record
		.... 1...		FCTCTLRD	"X'08'" Control record (not counted for DATLOREC)
		.... .1..		FCTJCLCV	"X'04'" If ON, the COPYFILE service will turn on DATCTLRD if DATINPTR was on in the input data set
		.... ..1.		FCTNJOB	"X'02'" New job - don't check JBT job number
		1		FCTNRELB	"X'01'" Don't release STT buffer
731	(2DB)	BITSTRING	1	FCTPRMSV	ATRACK parms save area
---------- #2 THE FOLLOWING FULL WORD IS PROVIDED AS PARAMETER FIELD #2 FOR ATTACHED FCT'S. #2 ---------- #2					
732	(2DC)	SIGNED	4	FCTATFPF	ATTACHED FCT PARM FIELD #2773
---------- #2					
736	(2E0)	SIGNED	4	FCTSV10G	- SAVE R10 (RNCELLGT, IATCNRN)
740	(2E4)	SIGNED	4	FCTSV10P	- SAVE R10 (RNCELLPT, IATCNRN)
744	(2E8)	SIGNED	4	FCTWTOTK	- WTO TOKEN FOR ACTION MSGS ISSUED FROM OR ON BEHALF OF THIS FCT - SET INITIALLY BY IATCNWO, RESET BY IATCNDQ
748	(2EC)	SIGNED	4	FCTSTAR	STAGING AREA FOR RESPONSE
752	(2F0)	SIGNED	4	FCTFSEA	FDB SAVEAREA EXTENSION
756	(2F4)	SIGNED	4	FCTCSSAD	ADDRESS OF CSS WORK AREA
760	(2F8)	SIGNED	4	FCTRSVDS	RESERVED FOR SERVICE
764	(2FC)	SIGNED	4	FCTRSVU1(2)	- RESERVED FOR USER
772	(304)	SIGNED	4	FCTRSVS4(3)	Reserved for service
784	(310)	ADDRESS	4	FCTMPC	MPC address specified on FAILDSP
788	(314)	SIGNED	2	FCTASID	ASID specified on FAILDSP
790	(316)	SIGNED	2	FCTRSVS6	RESERVED FOR SERVICE
792	(318)	SIGNED	4	FCTATJNO	Job or DSP number for ATRACK (DSP number has the high- order bit set)
796	(31C)	SIGNED	4	FCTRSVS8	RESERVED FOR SERVICE 0055
800	(320)	SIGNED	4	FCTRSVS9	RESERVED FOR SERVICE 0055
804	(324)	SIGNED	4	FCTRSVDD(4)	Reserved for IBM
820	(334)	BITSTRING	1	FCTSUBF	Subfunction index, assigned when FCT is using IATGRSCP
821	(335)	BITSTRING	1	FCTRSVD5(3)	Reserved for IBM
824	(338)	DBL WORD	8	FCTATTIM	FCT Attach (IATXATF) time for dynamic FCTs
AWAIT data (from DATA parameter on AWAIT macro). See FCTAWDLN for length of actual data.					
832	(340)	CHARACTER	16	FCTAWDAT	AWAIT data

Table 187. Structure FCTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		I/O Statistics. These statistics are used by JMF. If you add additional statistics, you must at least recompile the JMF modules which reference them.			
848	(350)	SIGNED	4	FCTIOSTA(0)	Start of I/O Statistics
848	(350)	SIGNED	4	FCTMRFRI	Number of multi-record file read I/O's
852	(354)	SIGNED	4	FCTMRFWI	Number of multi-record file write I/O's
856	(358)	SIGNED	4	FCTSRFRI	Number of single-record file read I/O's
860	(35C)	SIGNED	4	FCTSRFRB	Number of single-record file buffers read
864	(360)	SIGNED	4	FCTSRFWI	Number of single-record file write I/O's
868	(364)	SIGNED	4	FCTSRFWB	Number of single-record file buffers written
868	(364)	X'18'	0	FCTIOSIZ	"*-FCTIOSTA" Size of I/O statistics
868	(364)	X'6'	0	FCTIOCNT	"FCTIOSIZ/4" Number of I/O fields
872	(368)	SIGNED	4	FCTEND(0)	- END OF FCT
872	(368)	BITSTRING	1	FCTSIZE(0)	SIZE OF FCT = L'FCTSIZE
872	(368)	X'44'	0	GETLSTSZ	"((L'GLSIZE+4)*2)+4" TWO GETUNIT LIST ENTRIES PLUS TWO SUBLIST TRUNCATORS PLUS TOTAL LIST TRUNCATOR
872	(368)	BITSTRING	0	GLZERSZ(0)	TWO GETUNIT LIST ENTRIES
872	(368)	BITSTRING	0	GLZERSZ1(0)	MAX GETUNIT LIST ENTRIES
872	(368)	BITSTRING	0	JSSFCTSZ(0)	
872	(368)	BITSTRING	1	JSSFCTS1(0)	

Table 188. Structure GLSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	GLSTART	
0	(0)	CHARACTER	8	GLDDNAME	- DDNAME OF DEVICE
8	(8)	CHARACTER	8	GLTYPE(0)	- DEVICE TYPE
8	(8)	CHARACTER	3	GLTGEN	- GENERAL DEVICE TYPE
11	(B)	CHARACTER	5	GLTSPEC	- SPECIFIC DEVICE TYPE
16	(10)	SIGNED	4	GLADDR	- ADDRESS OF SUPUNITS ENTRY
20	(14)	BITSTRING	1	GLFLAGS	GETLIST FLAG BYTE
21	(15)	BITSTRING	1	GLFLG2	GETLIST FLAG BYTE 2
22	(16)	BITSTRING	1	GLRSVDD(2)	Reserved for Development
24	(18)	CHARACTER	4	GLDEVNUM	GLDDNAME converted to a device number by IATXDEV (if applicable). Currently only filled in for WTR DSP
28	(1C)	SIGNED	4	GLEND(0)	- END OF GET LIST ENTRY
28	(1C)	BITSTRING	1	GLSIZE(0)	-SIZE OF GL ENTRY = L'GLSIZE
		DEFINITION OF GLFLAGS			
		1...		GLGRPTYP	"X'80'" - GETUNIT IS FOR GROUP
		.1..		GLRMTTYP	"X'40'" - GETUNIT IS FOR REMOTE DEVICE

Table 188. Structure GLSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		GLGASSGN	"X'20'" - UNIT ALLOC RESULT OF GRP/GRP ASSGN
		...1		GLDASSGN	"X'10'" - UNIT ALLOC RESULT OF DEV/DEV ASSGN
		.... 1...		GLANYLCL	"X'08'" - UNIT REQUEST FOR ANY LOCAL
		.... .1..		GLANAME	"X'04'" - GLDDNAME IS ALT NAME THIS FCT
		.... ..1.		GLNETSRV	"X'02'" Request for NETSERV
		1		GLUSEDD	"X'01'" IGNORE SUPDD, USE GLDD $$$$
		DEFINITION OF GLFLG2			
		1...		GLSNATYP	"X'80'" REQ IS SNA SPECIFIC OR SNA DEVICE IS RETURNED TO CALLER
		.1..		GLRSTRT	"X'40'" FSS RELATED FCT RE-DOING GETUNIT AFTER HOTSTART
		..1.		GLTYPFSS	"X'20'" GETUNIT TYPE=FSS SPECIFIED #848
		...1		GLDDNUPD	"X'10'" GETLIST DDNAME WAS UPDATED #848
		.... 1...		GLDDDEV	"X'08'" GLDDNAME CONTAINS DEVICE NUMBER

Table 189. Structure FSESTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	FSESTART	FDB SAVEAREA EXTENSION
0	(0)	CHARACTER	4	FSEID	CONTROL BLOCK ID
4	(4)	SIGNED	2	FSEUSECT	IN-USE COUNTER
6	(6)	SIGNED	2	FSERES	RESERVE FOR DEVELOPMENT
		DEFINITION OF FSEFLAG1			
8	(8)	BITSTRING	1	FSEFLAG1	SAVEAREA USER
		1...		FSEABLOC	"X'80'" USED BY ABLOCK
		.1..		FSEACLOS	"X'40'" USED BY ACLOSE
		..1.		FSEADEBL	"X'20'" USED BY ADEBLOCK
		...1		FSEALOCA	"X'10'" USED BY ALOCATE
		.... 1...		FSEAOPEN	"X'08'" USED BY AOPEN
		.... .1..		FSEAWRIT	"X'04'" USED BY AWRITE
		.... ..1.		FSEDISK	"X'02'" USED BY DISK
		1		FSEINPUT	"X'01'" USED BY INPUT
		DEFINITION OF FSEFLAG2			
9	(9)	BITSTRING	1	FSEFLAG2	SAVEAREA USER
		1...		FSEJESRE	"X'80'" USED BY JESREAD
		.1..		FSEOUTPU	"X'40'" USED BY OUTPUT
		..1.		FSEWRTCH	"X'20'" USED BY WRTCHAIN
9	(9)	X'A'	0	FSEFIXSZ	"*-FSESTART" SIZE OF FSE HEADER 0194
10	(A)	BITSTRING	130	FSEFDB	SAVED FDB'S
140	(8C)	SIGNED	4	FSEEND(0)	

Table 189. Structure FSESTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
140	(8C)	X'4'	0	FSEMAX	"4" MAXIMUM NUMBER OF FDB'S
140	(8C)	BITSTRING	1	FSESIZE(0)	SIZE OF SAVEAREA = L'FSESIZE

Table 190. Structure SAVEAREA

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SAVEAREA	
0	(0)	SIGNED	4	SAVCHAIN	- CHAIN FIELD FOR SAVE AREAS
4	(4)	SIGNED	4	SAVWORK	- WORK CELL FOR SUBROUTINES
8	(8)	BITSTRING	1	SAVFLAG1	Flag byte
Definition of SAVFLAG1					
		1...		SAVARMOD	"X'80'" Caller is in AR mode
9	(9)	BITSTRING	3	SAVRSVD	RESERVED FOR DEVELOPMENT
12	(C)	CHARACTER	56	SAVREGS(0)	USERS REGISTERS 15,0-12
12	(C)	SIGNED	4	SAVFUNRC	- REGISTER 15 - ENTRY POINT
16	(10)	SIGNED	4	SAVPARM0	- REGISTER 0 - PARAMETER REGISTER
20	(14)	SIGNED	4	SAVPARM1	- REGISTER 1 - PARAMETER REGISTER
24	(18)	SIGNED	4	SAVREG2(8)	- REGISTER 2 - 9
56	(38)	SIGNED	4	SAVBASE	- REGISTER 10 - BASE REGISTER
60	(3C)	SIGNED	4	SAVFCT	REGISTER 11 - FCT ADR
64	(40)	SIGNED	4	SAVTVT	REGISTER 12 - TVT ADR
68	(44)	SIGNED	4	SAVR13	REGISTER 13 - DSP CSECT
72	(48)	SIGNED	4	SAVLINK	- (ASAVERTN USE ONLY. CALLERS R14)
76	(4C)	SIGNED	4	SAVREGHI(16)	High word register save area for R15-R14
76	(4C)	X'84'	0	SAVR13HI	"SAVREGHI+14*4,4" R13 slot
140	(8C)	SIGNED	4	SAVREGAR(16)	Access register save area for AR15-AR14
140	(8C)	X'C4'	0	SAVR13AR	"SAVREGAR+14*4,4" AR13 slot
204	(CC)	SIGNED	4	SAVAMOD	AMODE save area
208	(D0)	CHARACTER	16	SAVJESCB	- JESTAE CNTRL BLK (SEE IATYSCB)
224	(E0)	SIGNED	4	SAVRSVDU	- RESERVED FOR USER
232	(E8)	DBL WORD	8	SAVEND(0)	END OF SAVEAREA
232	(E8)	BITSTRING	1	SAVSIZE(0)	L'SAVSIZE IS LENGTH OF SAVEAREA

```
        IATYAWR
           AWAIT Reason Codes
01 Change Activity:
  $TS= z 2.4.0 HJS77C0 180326 RD0UT: z 2.4.0
```

Table 191. Cross Reference for IATYFCT

Name	Offset	Hex Tag
FCTABDSP	199	14
FCTAGET	198	20
FCTAMOD	120	
FCTARMOD	2BD	20
FCTASA	2D9	20

Table 191. Cross Reference for IATYFCT (continued)

Name	Offset	Hex Tag
FCTASID	314	
FCTASTCB	1A0	
FCTATCTL	2BD	40
FCTATDE	170	
FCTATFPF	2DC	
FCTATJNO	318	
FCTATM	2BD	80
FCTATTIM	338	
FCTATUPD	4A	40
FCTAWBC	C	
FCTAWBU	10	
FCTAWDAT	340	40404040
FCTAWDLN	13	
FCTAWLM	4	
FCTAWRSN	15	
FCTAWTM	8	
FCTBASE	74	
FCTBSCLN	2BC	80
FCTCAHFC	48	20
FCTCBPTR	188	
FCTCCFLG	2D9	
FCTCDE	130	
FCTCLEVL	1DC	
FCTCMNDQ	1E1	80
FCTCNFLG	1E1	
FCTCNMSG	1E1	40
FCTCNSRS	1E0	8
FCTCPDS	2D9	80
FCTCSECT	12C	
FCTCSSAD	2F4	
FCTCTLRD	2DA	8
FCTDATON	174	0
FCTDEFWR	49	8
FCTDFLG1	48	
FCTDLFCT	198	1
FCTDMDSP	1E2	
FCTDMFLG	49	
FCTDMFL2	4A	
FCTDMID	1E4	
FCTDMRT	1E8	
FCTDPCAN	19C	80
FCTDSPAB	19B	1
FCTDSPDC	128	
FCTECFAD	18	
FCTECFMK	50	53
FCTECFOF	19B	8

Table 191. Cross Reference for IATYFCT (continued)

Name	Offset	Hex Tag
FCTECFON	19B	4
FCTEFMSK	1F3	
FCTEFPST	1EC	
FCTELRDQ	19B	20
FCTEND	368	
FCTEXMPT	1E1	20
FCTFAIL	19C	40
FCTFAILC	19C	20
FCTFCNT	1D0	
FCTFLACT	48	10
FCTFLAG1	198	
FCTFLAG2	199	
FCTFLAG3	19A	
FCTFLAG4	19B	
FCTFREND	48	
FCTFSAID	1A6	
FCTFSASI	12	8
FCTFSATA	12	20
FCTFSCDS	2B4	
FCTFSCOD	1B0	
FCTFSEA	2F0	
FCTFSEXT	19C	8
FCTFSFLG	19C	
FCTFSFL1	19C	19C
FCTFSFL2	12	
FCTFSID	1A4	
FCTFSIRB	19C	4
FCTFSJFD	19C	1
FCTFSLOC	1B8	
FCTFSMPC	12	10
FCTFSNDP	19C	10
FCTFSNLG	19C	2
FCTFSPFL	12	40
FCTFSRSN	12	80
FCTFSRTN	1BC	
FCTFSSID	1A4	
FCTFSWA	1D4	
FCTFUNCD	50	50
FCTGETSZ	164	
FCTGLIST	18C	
FCTGNOAL	198	10
FCTGPARM	40	
FCTGSD	190	
FCTGUFP	198	2
FCTID	0	
FCTIIJSM	199	24

Table 191. Cross Reference for IATYFCT (continued)

Name	Offset	Hex Tag
FCTIIRES	199	18
FCTIME	2C4	
FCTINPTR	2DA	20
FCTIOCNT	364	6
FCTIOSIZ	364	18
FCTIOSTA	350	
FCTJCLCV	2DA	4
FCTJCTPY	15D	
FCTJCTWC	1AC	
FCTJESCB	1C0	
FCTJMAIN	19B	2
FCTJMSJE	49	1
FCTJMSRQ	19B	80
FCTJPURG	199	C
FCTJSCAN	199	10
FCTJSNRM	199	0
FCTJSRSK	199	4
FCTJSR0	90	
FCTJSR1	94	
FCTJSR10	98	
FCTJSR14	9C	
FCTJSSPR	199	8
FCTJSSWK	2D0	
FCTLOCK	2B8	
FCTLOGIN	138	
FCTLRECL	1A8	
FCTLTYPE	2BC	
FCTMAC	2D9	40
FCTMASK	17	
FCTMFCNT	19E	
FCTMODE	2BD	
FCTMODJD	49	4
FCTMPC	310	
FCTMRFRI	350	0
FCTMRFWI	354	0
FCTMSGCT	2BE	0
FCTMSGID	2CC	
FCTMSKTR	14	
FCTNBUFF	2DA	80
FCTNCKRC	19A	8
FCTNEFDL	198	4
FCTNEXMT	19A	1
FCTNEXT	1C	
FCTNJE1	48	40
FCTNJOB	2DA	2
FCTNOEF	198	80

Table 191. Cross Reference for IATYFCT (continued)

Name	Offset	Hex Tag
FCTNOMPL	199	20
FCTNOPUT	49	2
FCTNOSPN	2D8	0
FCTNOWT	49	80
FCTNQADD	160	
FCTNRELB	2DA	1
FCTNUCHG	198	8
FCTONRDQ	19B	40
FCTOPTCD	2D9	10
FCTOTRQD	1E0	10
FCTPARM	49	40
FCTPCNT	1D2	
FCTPENDR	19B	10
FCTPERM	19A	40
FCTPREAL	19A	4
FCTPREV	20	
FCTPRMSV	2DB	
FCTPRRQD	1E0	40
FCTPRTY	15E	
FCTPURQD	1E0	20
FCTQAVAL	35	80
FCTQDCOM	15A	
FCTQDONE	35	40
FCTQFCTO	35	2
FCTQHEAD	35	10
FCTQIDOP	35	8
FCTQUIES	19A	20
FCTQUSER	35	20
FCTQWAIT	35	4
FCTRAP14	2C0	
FCTRDQCH	194	
FCTREGS	4C	
FCTREGSA	E0	
FCTREGSH	A0	
FCTREG0	4C	
FCTREG1	50	
FCTREG15	88	
FCTRESON	3C	
FCTRETN	84	
FCTRQAD	124	
FCTRSFLG	1E0	
FCTRSRJP	17C	
FCTRSVDD	324	
FCTRSVDP	19D	
FCTRSVDS	2F8	
FCTRSVD1	2BF	

Table 191. Cross Reference for IATYFCT (continued)

Name	Offset	Hex Tag
FCTRSVD2	180	
FCTRSVD4	1B6	
FCTRSVD5	335	0
FCTRSVD6	4B	
FCTRSVSF	44	
FCTRSVS3	176	
FCTRSVS4	304	
FCTRSVS6	316	
FCTRSVS8	31C	
FCTRSVS9	320	
FCTRSVU1	2FC	
FCTRTSPR	19A	10
FCTSAVCH	8C	
FCTSAVE	80	
FCTSDMGF	2DA	
FCTSELF	78	
FCTSESEQ	15C	
FCTSIZE	368	
FCTSLEVL	1D8	
FCTSMSRS	199	1C
FCTSNAFA	177	80
FCTSNAFL	177	
FCTSNAOP	177	40
FCTSPADR	154	
FCTSPAN	2D8	80
FCTSPFIR	2D8	C0
FCTSPFLG	2D8	
FCTSPIE	19A	80
FCTSPLRL	2D4	
FCTSPLST	2D8	A0
FCTSPNTH	2D8	80
FCTSPPSV	178	
FCTSPRKY	15F	
FCTSPWK2	148	
FCTSPWRK	13C	
FCTSPYES	49	10
FCTSRESD	19A	2
FCTSRFRB	35C	0
FCTSRFRI	358	0
FCTSRFWB	364	0
FCTSRFWI	360	0
FCTSTAR	2EC	
FCTSTART	0	
FCTSTTEX	4A	80
FCTSUBF	334	0
FCTSVARM	2BD	10

Table 191. Cross Reference for IATYFCT (continued)

Name	Offset	Hex Tag
FCTSV10G	2E0	
FCTSV10P	2E4	
FCTTELPT	38	
FCTTFLAG	34	
FCTTIMEI	2C	
FCTTIMEX	30	
FCTTIMON	134	
FCTTNEXT	24	
FCTTQERS	35	
FCTTUID	28	
FCTTVPTR	7C	
FCTUSEFL	2DA	40
FCTVALID	198	40
FCTWKSAV	1F4	
FCTWKSVA	274	
FCTWKSVH	234	
FCTWORK	168	
FCTWRMOD	49	20
FCTWTOTK	2E8	
FCTWTRSC	48	80
FCTYERON	166	
FCT0RLEN	2DA	10
FRSTABND	17C	1
FSEABLOC	8	80
FSEACLOS	8	40
FSEADEBL	8	20
FSEALOCA	8	10
FSEAOPEN	8	8
FSEAWRIT	8	4
FSEDISK	8	2
FSEEND	8C	
FSEFDB	A	
FSEFIXSZ	9	A
FSEFLAG1	8	
FSEFLAG2	9	
FSEID	0	
FSEINPUT	8	1
FSEJESRE	9	80
FSEMAX	8C	4
FSEOUTPU	9	40
FSERES	6	
FSESIZE	8C	
FSESTART	0	
FSEUSECT	4	
FSEWRTCH	9	20
GETLSTSZ	368	44

Table 191. Cross Reference for IATYFCT (continued)

Name	Offset	Hex Tag
GLADDR	10	
GLANAME	1C	4
GLANYLCL	1C	8
GLDASSGN	1C	10
GLDDDEV	1C	8
GLDDNAME	0	
GLDDNUPD	1C	10
GLDEVNUM	18	
GLEND	1C	
GLFLAGS	14	
GLFLG2	15	
GLGASSGN	1C	20
GLGRPTYP	1C	80
GLNETSRV	1C	2
GLRMTTYP	1C	40
GLRSTRT	1C	40
GLRSVDD	16	
GLSIZE	1C	
GLSNATYP	1C	80
GLSTART	0	
GLTGEN	8	
GLTSPEC	B	
GLTYPE	8	
GLTYPFSS	1C	20
GLUSEDD	1C	1
GLZERSZ	368	
GLZERSZ1	368	
JSSFCTSZ	368	
JSSFCTS1	368	
SAVAMOD	CC	
SAVARMOD	8	80
SAVBASE	38	
SAVCHAIN	0	
SAVEAREA	0	
SAVEND	E8	
SAVFCT	3C	
SAVFLAG1	8	
SAVFUNRC	C	
SAVJESCB	D0	
SAVLINK	48	
SAVPARM0	10	
SAVPARM1	14	
SAVREGAR	8C	
SAVREGHI	4C	
SAVREGS	C	
SAVREG2	18	

Table 191. Cross Reference for IATYFCT (continued)

Name	Offset	Hex Tag
SAVRSVD	9	
SAVRSVDU	E0	
SAVR13	44	
SAVR13AR	8C	C4
SAVR13HI	4C	84
SAVSIZE	E8	
SAVTVT	40	
SAVWORK	4	

IATYFDB information

IATYFDB programming interface information

IATYFDB is a programming interface.

IATYFDB heading information

Common name: FILE DESCRIPTION BLOCK

Macro ID: IATYFDB

DSECT name: FDBSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Main Storage: N/A
Auxiliary Storage: N/A

Size: MRF - 32 Bytes
SRF - 12 Bytes
JBT - 28 Bytes

Created by: N/A

Pointed to by:

Serialization: None

Function: Contains information for SINGLE- and MULTI-RECORD data sets, such as the address of the data set (in-storage or on-spool), and status flags. If the flag FDBMULT is ON in FDBFLAGS, the FDB is for a MULTI-RECORD file and it's length is equated to FDBMRFL. If the flag FDBJBTAT is ON in FDBFLAG0, the FDB is for a job or dataset TAT record and contains fields in the TAT FDB extension (FDBMULT can not be set in FDBFLAGS). Restrictions: Do not change the offsets of any of the fields between FDBSTART and FDBFREND. These fields are static offsets. Changes in their location will result in incorrect processing.

IATYFDB mapping

Table 192. Structure FDBSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	FDBSTART	

Table 192. Structure FDBSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		WARNING THE OFFSETS BETWEEN FDBSTART AND FDBFREND MUST NOT BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON SOME JES3 MODULES.			
0	(0)	SIGNED	4	FDBDATA(0)	- BUFFER ADDRESS OF DATA
0	(0)	BITSTRING	6	FDBSPADR(0)	- M.R SPOOL REC ADDR OF DATA
0	(0)	BITSTRING	2	FDBSPMOD	- MODULE NUMBER OF SPOOL EXTENT
2	(2)	BITSTRING	4	FDBSPREC	- RECORD NUMBER OF DATA
4	(4)	BITSTRING	2	FDBNOADR	Gas
6	(6)	BITSTRING	1	FDBFLAG0(0)	SINGLE RECORD AND ERROR FLAGS
		DEFINITION OF FDBFLAG0: SINGLE-RECORD AND ERROR FLAGS			
		1111		FDBERFLG	"X'F0'" I/O ERROR FLAGS.
		1..1		FDBDKFRR	"X'90'" PROGRAM CHECK IN IATDMDK.
		1...		FDBRECOV	"X'80'" SUCCESSFUL ERROR RECOVERY OCCURRED
		.111		FDBJBTER	"X'70'" ERROR READING THE JBT OCCURRED
		.11.		FDBCHKPT	"X'60'" FIRST/LAST TRACK ADDR CHANGE
		.1.1		FDBF0RS1	"X'50'" RESERVED FLAG.
		.1..		FDBERROR	"X'40'" UNCORRECTABLE I/O ERROR OCCURRED
		..11		FDBTAERR	"X'30'" DISK ADDRESS NOT VERIFY.
		..1.		FDBIOERR	"X'20'" I/O ERROR RECOVERY IN PROGRESS
		...1		FDBROTER	"X'10'" ERROR OCCURRED ON ROOT I/O.
		FOLLOWING FOUR FLAGS ARE FOR SINGLE RECORD FILES ONLY			
		.... 1...		FDBNOPUT	"X'08'" WRITE WITHOUT PUTBUF
		.... .1..		FDBOLD	"X'04'" OLD SINGLE RECORD FILE
		.... ..1.		FDBJBTAT	"X'02'" INDICATES FDB IS A JBTAT FDB
		1		FDBFCTPM	"X'01'" PARAMETERS IN FCT
6	(6)	BITSTRING	1	FDBPRTY	FDB PRTY (BITS 0-3) DURING OPEN (overlaps FDBFLAG0) 12190S5A
7	(7)	BITSTRING	1	FDBFLAGS	FLAGS COMMON TO SINGLE/MULT
		DEFINITION OF FDBFLAGS: SINGLE- & MULTIPLE-RECORD FILES			
		1...		FDBECF	"X'80'" - I/O EVENT COMPLETION.
		.1..		FDBMNTAT	"X'40'" Single track allocation used (spool space belongs to JES3 or job 0 rather than a JOBTAT or DSTAT)
		..1.		FDBINPUT	"X'20'" - INPUT/OUTPUT FILE (INPUT IF ON).
		...1		FDBCLOSE	"X'10'" - OPEN/CLOSED FLAG (CLOSED IF ON).
		.... 1...		FDBMULT	"X'08'" - SINGLE/MULTIPLE FILE (MULT IF ON).
		.... .1..		FDBSRSV1	"X'04'" - RESERVED.
		.... ..1.		FDBWCHLK	"X'02'" - WRTCHAIN ROOT FDB LOCK FLAG.

Table 192. Structure FDBSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1		FDBSRSV2	"X'01'" - RESERVED.
8	(8)	BITSTRING	1	FDBSPFL1	- FLAGS FOR SPOOL DATA MGMT
DEFINITION OF FDBSPFL1: SINGLE- & MULTIPLE-RECORD FILES					
		1...		FDBONSP	"X'80'" - FDB CONTAINS A SPOOL ADDRESS
		.1..		FDBIOIP	"X'40'" - I/O IN-PROGRESS INDICATOR
		..1.		FDBCSBTR	"X'20'" CSBT USED TO READ CH. SRF 0440
		...1		FDBCSBTW	"X'10'" USE CSBT TO WRITE CHAINED SRF
		.... 1...		FDBCSBTL	"X'08'" USE CSBT TO RELEASE CHAINED SRF
		.... .1..		FDBCSBTJ	"X'04'" USE CSBT FOR THIS JESREAD 0440
9	(9)	BITSTRING	1	FDBFLGR2	- RESERVED FOR SERVICE
10	(A)	SIGNED	2	FDBRSVD1	- RESERVED FOR DEVELOPMENT
12	(C)	BITSTRING	1	FDBSREND(0)	END OF SINGLE REC FILE FDB
12	(C)	X'C'	0	FDBSRFL	"FDBSREND-FDBSTART" LENGTH OF AN SRF FDB
12	(C)	SIGNED	2	FDBFREND(0)	END OF FDB FROZEN SECTION
WARNING THE OFFSETS BETWEEN FDBSTART AND FDBFREND MUST NOT BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON SOME JES3 MODULES. END OF SINGLE RECORD FILE FDB THE FOLLOWING FIELDS ARE FOR MULTI-RECORD FILE FDBS (EXISTS IF THE FLAG FDBMULT IS ON IN FDBFLAGS)					
12	(C)	BITSTRING	1	FDBFLAG1	- FLAGS FOR MULTIPLE RECORD FILES.
DEFINITION OF FDBFLAG1: MULTIPLE-RECORD FILES					
		1...		FDBOCLSE	"X'80'" - CLOSE OF FILE INITIATED.
		.1..		FDBFDATA	"X'40'" - FIRST DATA BUFFER FLAG.
		..1.		FDBDATCH	"X'20'" - DATA BUFFER CHAIN FLAG.
		...1		FDBSPLIT	"X'10'" - DATA IS SPLIT BETWEEN TWO BUFFERS.
		.... 1...		FDBEND	"X'08'" - FILE IS BEING OPENED AT ITS END.
		.... .1..		FDBPOINT	"X'04'" - POINT IS IN PROGRESS.
		.... ..1.		FDBF102	"X'02'" - Reserved for IBM
		1		FDBPNTIN	"X'01'" - APOINT HAS TYPE=IN AS PARAMETER.
13	(D)	BITSTRING	1	FDBFLAG2	- FLAGS FOR MULTIPLE RECORD FILES.
DEFINITION OF FDBFLAG2: MULTIPLE-RECORD FILES					
		1...		FDBLSTIO	"X'80'" - SET LAST I/O REQUEST STARTED.
		.1..		FDBALLIO	"X'40'" - SET WHEN LAST DATA BUFFER WRITTEN.
		..1.		FDBLOCAT	"X'20'" - SET WHEN AN ALOCATE IS DONE.
		...1		FDBNDATA	"X'10'" ON = NO DATA IN FILE
		.... 1...		FDBODEOD	"X'08'" RECOVER FROM NO EOD ON OPEND

Table 192. Structure FDBSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... .1..		FDBSKIP	"X'04'" SKIP RECORD IF READ I/O ERROR
		.... ..1.		FDBMAC	"X'02'" MACHINE CARRIAGE CONTROL
		1		FDBASA	"X'01'" ASA CARRIAGE CONTROL FOR DS
14	(E)	BITSTRING	1	FDBFLAG3	- FLAGS FOR MULTI-RECORD FILES
DEFINITION OF FDBFLAG3: MULTIPLE-RECORD FILES					
		1...		FDBOPTCD	"X'80'" - OPTCD = J SPECIFIED
		.1..		FDBIOCNG	"X'40'" - I/O COUNT ERROR DETECTED
		..1.		FDBTMSTP	"X'20'" - DATCCX includes time stamp 12190S5A
15	(F)	BITSTRING	1	FDBFLGR4	- RESERVED FOR SERVICE
16	(10)	BITSTRING	1	FDBIOCNT	- NUMBER OF I/O REQUESTS OUTSTANDING.
17	(11)	BITSTRING	1	FDBERCNT	- NUMBER OF I/O ERRORS NOT CORRECTED.
18	(12)	SIGNED	2	FDBRL	- ROOM LEFT IN DATA BUFFER.
20	(14)	SIGNED	4	FDBBPTR	- CURRENT BUFFER POINTER.
24	(18)	BITSTRING	6	FDBOPEND(0)	- SPOOL ADR OF LAST DATA BUFFER
24	(18)	BITSTRING	2	FDBMODN2	- MOD NO OF LAST SPOOL EXTENT
26	(1A)	BITSTRING	4	FDBRECN2	- REC NO OF LAST SPOOL DATA
30	(1E)	SIGNED	2	FDBRSFLD	RESERVED FOR DEVELOPMENT
END OF MULTI-RECORD FILE FDB					
32	(20)	BITSTRING	1	FDBMREND(0)	END OF MULTI-RECORD FILE FDB
32	(20)	X'20'	0	FDBMRFL	"FDBMREND-FDBSTART" LENGTH OF AN MRF FDB
JOB/DATASET TAT FDB EXTENSION (EXISTS IF THE FLAG FDBJBTAT IS ON IN FDBFLAG0)					
12	(C)	SIGNED	4	FDBJBTEX(0)	START OF TAT FDB EXTENSION
RETURN PARAMETERS FROM TRACK GROUP ALLOCATION					
12	(C)	SIGNED	2	FDBRECCT	- NUMBER OF AVAILABLE RECORDS
14	(E)	BITSTRING	6	FDBJTSPA(0)	- AVAILABLE RECORD ADDRESS
14	(E)	BITSTRING	2	FDBJTSPM	- MODULE NUMBER
16	(10)	BITSTRING	4	FDBJTSPR	- RECORD NUMBER
20	(14)	SIGNED	4	FDBVALID	- VALIDATION FIELD FOR FILE
24	(18)	SIGNED	2	FDBSPNDX	- JOB'S SPOOL PARTITION INDEX
26	(1A)	BITSTRING	1	FDBJTFLG	- JOB/DATASET TAT STATUS FLAGS
DEFINITION OF FDBJTFLG: JOB/DATASET TAT STATUS FLAGS					
		1...		FDBJTBIT	"X'80'" - TRACK ALLOCATION SUSPENDED
		.1..		FDBDSTAT	"X'40'" - DATA SET TAT
		..1.		FDBJIOER	"X'20'" - IOERR POST REQUIRED
		...1		FDBRRERQ	"X'10'" - JSAM POST REQUIRED (RRE ALLOC)
		.... 1...		FDBJTOFL	"X'08'" - JSAM POST REQUIRED (JBT OVFLW)

Table 192. Structure FDBSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... .1..		FDBRABDU	"X'04'" - FDB IN USE FOR RAB DESTROY
		.... ..1.		FDBJTERR	"X'02'" - RAB REFRESH ERROR
27	(1B)	BITSTRING	1	FDBJTRSV	- RESERVED FOR DEVELOPMENT
		END OF THE TAT FDB EXTENSION			
28	(1C)	BITSTRING	1	FDBJTEND(0)	END OF THE JBT FDB EXTENSION
28	(1C)	X'10'	0	FDBJBTXL	"FDBJTEND-FDBJBTEX" LENGTH OF JBT FDB EXTENSION
28	(1C)	X'1C'	0	FDBJBTL	"FDBSRFL+FDBJBTXL" LENGTH OF A TAT FDB

Table 193. Cross Reference for IATYFDB

Name	Offset	Hex Tag
FDBALLIO	D	40
FDBASA	D	1
FDBBPTR	14	
FDBCHKPT	6	60
FDBCLOSE	7	10
FDBCSBTJ	8	4
FDBCSBTL	8	8
FDBCSBTR	8	20
FDBCSBTW	8	10
FDBDATA	0	
FDBDATCH	C	20
FDBDKFRR	6	90
FDBDSTAT	1A	40
FDBECF	7	80
FDBEND	C	8
FDBERCNT	11	
FDBERFLG	6	F0
FDBERROR	6	40
FDBFCTPM	6	1
FDBFDATA	C	40
FDBFLAGS	7	
FDBFLAG0	6	
FDBFLAG1	C	
FDBFLAG2	D	
FDBFLAG3	E	
FDBFLGR2	9	
FDBFLGR4	F	
FDBFREND	C	
FDBF0RS1	6	50
FDBF102	C	2
FDBINPUT	7	20
FDBIOCNG	E	40
FDBIOCNT	10	

Table 193. Cross Reference for IATYFDB (continued)

Name	Offset	Hex Tag
FDBIOERR	6	20
FDBIOIP	8	40
FDBJBTAT	6	2
FDBJBTER	6	70
FDBJBTEX	C	
FDBJBTL	1C	1C
FDBJBTXL	1C	10
FDBJIOER	1A	20
FDBJTBIT	1A	80
FDBJTEND	1C	
FDBJTERR	1A	2
FDBJTFLG	1A	
FDBJTOFL	1A	8
FDBJTRSV	1B	
FDBJTSPA	E	
FDBJTSPM	E	
FDBJTSPR	10	
FDBLOCAT	D	20
FDBLSTIO	D	80
FDBMAC	D	2
FDBMNTAT	7	40
FDBMODN2	18	
FDBMREND	20	
FDBMRFL	20	20
FDBMULT	7	8
FDBNDATA	D	10
FDBNOADR	4	
FDBNOPUT	6	8
FDBOCLSE	C	80
FDBODEOD	D	8
FDBOLD	6	4
FDBONSP	8	80
FDBOPEND	18	
FDBOPTCD	E	80
FDBPNTIN	C	1
FDBPOINT	C	4
FDBPRTY	6	
FDBRABDU	1A	4
FDBRECCT	C	
FDBRECN2	1A	
FDBRECOV	6	80
FDBRL	12	
FDBROTER	6	10
FDBRRERQ	1A	10
FDBRSFLD	1E	
FDBRSVD1	A	

Table 193. Cross Reference for IATYFDB (continued)

Name	Offset	Hex Tag
FDBSKIP	D	4
FDBSPADR	0	
FDBSPFL1	8	
FDBSPLIT	C	10
FDBSPMOD	0	
FDBSPNDX	18	
FDBSPREC	2	
FDBSREND	C	
FDBSRFL	C	C
FDBSRSV1	7	4
FDBSRSV2	7	1
FDBSTART	0	
FDBTAERR	6	30
FDBTMSTP	E	20
FDBVALID	14	
FDBWCHLK	7	2

IATYFDD information

IATYFDD heading information

Common name: DEFINITION OF A FILE DIRECTORY ENTRY.

Macro ID: IATYFDD

DSECT name: FDSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: FD *0008
Offset: 0 *0008
Length: 4 *0008

Storage attributes: Main Storage: SUBPOOL 0
Auxiliary Storage: N/A
Subpool: JESPOOL *0008
Key: 1 *0008

Size: 44 Bytes

Created by: IATINIO

Pointed to by: AIOFDTOP in IATYTVT *0008
FDNEXT in IATYFDD *0008
FDPREV in IATYFDD *0008

Serialization: None

Function: File directory entry. Defines an entry in a queue of FDB pointers, organized by FCT priority, reflecting current JSAM I/O requirements.

IATYFDD mapping

Table 194. Structure FDSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	FDSTART	
0	(0)	CHARACTER	4	FDID	Control block id 0008
4	(4)	SIGNED	4	FDNEXT	Next entry pointer 0008

Table 194. Structure FDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
8	(8)	SIGNED	4	FDPREV	Previous entry pointer 0008
12	(C)	SIGNED	4	FDFDB	- FDB ADDRESS OF OPEN FILE.
16	(10)	SIGNED	4	FDJTFDB	- FDB ADDRESS OF JBTAT FDB(OUTPUT).
20	(14)	SIGNED	4	FDFCTADD	- FCT ADDRESS OF THIS ENTRY.
24	(18)	SIGNED	4	FDVALID	VALID ON INPUT FILES
28	(1C)	SIGNED	4	FDDMCLST	LAST DMC ADDR FOR WRTCHAIN REQ
32	(20)	SIGNED	4	FDDMCFST	FIRST DMC ADDR FOR WRTCHAIN REQ
36	(24)	SIGNED	4	FDPENDIO	NO. OF I/O'S PENDING
40	(28)	SIGNED	4	FDJOBNO	Job/DSP number provided for the TAT (DSP number has the high-order bit set)
44	(2C)	SIGNED	2	FDNEWREC	NUMBER OF NEW RECS FOR WRTCHAIN
46	(2E)	BITSTRING	1	FDPRTY	PRIORITY (BITS 0-3).
47	(2F)	BITSTRING	1	FDFLAGS	FLAG BYTE.
		DEFINITION OF FDFLAGS			
		1...		FDNOBUF	"X'80'" - NO BUFFERS AVAILABLE.
		.1..		FDJBTIO	"X'40'" - JOB TAT I/O IN PROGRESS.
		..1.		FDWRTSDI	"X'20'" WRTCHAIN SDI error
		...1		FDNOJBCK	"X'10'" Job number not yet provided, don't check on JBT write
		.... 1...		FDIOREQ	"X'08'" - I/O IS REQUIRED ON THIS FILE.
		.... .1..		FDSNGFLE	"X'04'" - FD ENTRY IS A SINGLE RECORD FILE.
		.... ..1.		FDNOTRKS	"X'02'" - NO TRACKS AVAILABLE FOR I/O.
		1		FDTATCPT	"X'01'" - TAT BEING CHECKPOINTED.
48	(30)	BITSTRING	1	FDWRTBYT	WRTCHAIN FLAG BYTE
		DEFINITION OF FDWRTBYT			
		1...		FDWRTCHN	"X'80'" WRTCHAIN FD ENTRY
		.1..		FDMODREC	"X'40'" OLD RECORDS TO WRITE
		..1.		FDRECER	"X'20'" RECOVERED ERROR(S) IN CHAIN
		...1		FDROOTER	"X'10'" RECOVERED ERROR ON ROOT FDB
		.... 1...		FDURECR	"X'08'" UNRECOVERABLE ERROR(S)
		.... .1..		FDERRGS	"X'04'" ERROR REGS ARE SET
		.... ..1.		FDNOPUT	"X'02'" PUTBUF=NO SPECIFIED
		1		FDERXSIW	"X'01'" ONE OF THE IATXSIO'S ISSUED DURING A WRTCHAIN WITH CSBT HAD AN ERROR
49	(31)	BITSTRING	1	FDWRTPST	WRTCHAIN COMPLETION FLAG
		DEFINITION OF FDWRTPST			
		1...		FDIOCOMP	"X'80'" ALL I/O COMPLETE
		.1..		FDIOERR	"X'40'" I/O COUNT ERROR DETECTED
50	(32)	BITSTRING	1	FDCSBTFL	CSBT FLAG BYTE

Table 194. Structure FDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF FDCSBTFL			
		1...		FDCSBTRD	"X'80'" USE CSBT TO READ CHAINED SRF
		.1..		FDALLRDC	"X'40'" ALL READS IN A CSBT-READ ARE COMPLETE
		..1.		FDCSBTWR	"X'20'" WRTCHAIN USING CSBT
51	(33)	BITSTRING	1	FDCSBTER	CSBT-READ ERROR FLAG
		DEFINITION OF FDCSBTER			
		1...		FDERXSIR	"X'80'" ONE OF THE IATXSIO'S ISSUED DURING A CSBT-READ HAD AN ERROR
		.1..		FDURECRD	"X'40'" ONE OF THE BUFFERS IN THE CHAINED SRF HAD AN UNRECOVERABLE I/O ERROR DURING A CSBT-READ
52	(34)	BITSTRING	1	FDFLAGS2	Second flag byte
		Definition of FDFLAGS2			
		1...		FDRECOV	"X'80'" Simulated recovered error
		.1..		FDTATUPD	"X'40'" Update VALID array
53	(35)	BITSTRING	1	FDDRSVDU	RESERVED FOR USER.
54	(36)	BITSTRING	1	FDDRSVDD(2)	RESERVED FOR DEVELOPMENT.
56	(38)	BITSTRING	1	FDFEND(0)	- END OF FD ENTRY.
56	(38)	BITSTRING	1	FDFSIZE(0)	- SIZE OF AN FD ENTRY.

Table 195. Structure FDCNTRL

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	FDCNTRL	0008
0	(0)	CHARACTER	8	FDCEYE	Eyecatcher 0008
8	(8)	SIGNED	4	FDCFDCPB	FD cellpool control block 0008 address 0008
		The following equates are used in the cellpool 0 creation. 0			
8	(8)	X'1F4'	0	FDCPRICL	"500" Number of cells in the 0008 primary extent 0008
8	(8)	X'1F4'	0	FDCSECCL	"500" Number of cells in the 0008 secondary extent 0008
8	(8)	X'FA'	0	FDCRSVCL	"250" Number of reserved cells 0008
8	(8)	X'13'	0	FDCMAXET	"19" Number of secondary extents 0008
		The following equates are stored in the adjacent 0 set of fields by IATINIO. The values are used for 0 operator notification of possible FD overallocations. 0			
8	(8)	X'2710'	0	FDCMXPCE	"FDCSECCL*FDCMAXET+FDCPRICL" Maximum number of 0008 cells 0008
8	(8)	X'1D4C'	0	FDC75PCE	"FDCMXPCE/100*75" 75% of max. 0008
8	(8)	X'1F40'	0	FDC80PCE	"FDCMXPCE/100*80" 80% of max. 0008
8	(8)	X'2134'	0	FDC85PCE	"FDCMXPCE/100*85" 85% of max. 0008
8	(8)	X'2328'	0	FDC90PCE	"FDCMXPCE/100*90" 90% of max. 0008

Table 195. Structure FDCNTRL (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
8	(8)	X'251C'	0	FDC95PCE	"FDCMXPCE/100*95" 95% of max. 0008
12	(C)	SIGNED	2	FDC75PCT	75% threshold 0008
14	(E)	SIGNED	2	FDC80PCT	80% threshold 0008
16	(10)	SIGNED	2	FDC85PCT	85% threshold 0008
18	(12)	SIGNED	2	FDC90PCT	90% threshold 0008
20	(14)	SIGNED	2	FDC95PCT	95% threshold 0008
22	(16)	SIGNED	2	FDCMXPCT	Maximum number of cells 0008
24	(18)	SIGNED	2	FDCLOPCT	Current lower acceptable 0008 limit before a new message 0008 is issued 0008
26	(1A)	SIGNED	2	FDCHIPCT	Current higher acceptable 0008 limit 0008
28	(1C)	SIGNED	2	FDCRESVD	Reserved for IBM 0008
32	(20)	SIGNED	4	FDCDOMID	DOM id for message IAT1105 0008
36	(24)	SIGNED	4	FDCXUPSV(15)	Register save area for 0008 FDCXUPMS routine 0008
96	(60)	SIGNED	4	FDCXDNSV(15)	Register save area for 0008 FDCXDNMS routine 0008
156	(9C)	SIGNED	4	FDCWTOSV(15)	Register save area for 0008 FDCWTO routine 0008
		The following fields keep track of the highest 0 usage FCTs. Each field contains 0 - The FCT address 0 - FD entry count 0 Each entry is mapped by the FDCOUNT DSECT below. 0			
216	(D8)	BITSTRING	8	FDCFCT1	Highest FD usage FCT 0008
224	(E0)	BITSTRING	8	FDCFCT2	2nd highest FD usage FCT 0008
232	(E8)	BITSTRING	1	FDCFCT3	3rd highest FD usage FCT 0008
232	(E8)	X'F0'	0	FDCTSIZE	"*-FDCNTRL" Control block size 0008

Table 196. Structure FDCOUNT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	FDCOUNT	0008
0	(0)	DBL WORD	8	FDCFCT(0)	Define both fields below 0008
0	(0)	SIGNED	4	FDCTFCT	FCT address 0008
4	(4)	SIGNED	4	FDCTUSE	FD use count 0008
8	(8)	BITSTRING	1	FDCTEND(0)	End of entry 0008

Table 197. Cross Reference for IATYFDD

Name	Offset	Hex Tag
FDALLRDC	32	40
FDCDOMID	20	
FDCEYE	0	C6C4C3D5
FDCFCT	0	
FDCFCT1	D8	
FDCFCT2	E0	
FDCFCT3	E8	
FDCFDCPB	8	

Table 197. Cross Reference for IATYFDD (continued)

Name	Offset	Hex Tag
FDCHIPCT	1A	
FDCLOPCT	18	
FDCMAXET	8	13
FDCMXPCE	8	2710
FDCMXPCT	16	
FDCNTRL	0	
FDCOUNT	0	
FDCPRICL	8	1F4
FDCRESVD	1C	
FDCRSVCL	8	FA
FDCSBTER	33	
FDCSBTFL	32	
FDCSBTRD	32	80
FDCSBTWR	32	20
FDCSECCL	8	1F4
FDCTEND	8	
FDCTFCT	0	
FDCTSIZE	E8	F0
FDCTUSE	4	
FDCWTOSV	9C	
FDCXDNSV	60	
FDCXUPSV	24	
FDC75PCE	8	1D4C
FDC75PCT	C	
FDC80PCE	8	1F40
FDC80PCT	E	
FDC85PCE	8	2134
FDC85PCT	10	
FDC90PCE	8	2328
FDC90PCT	12	
FDC95PCE	8	251C
FDC95PCT	14	
FDDMCFST	20	
FDDMCLST	1C	
FDDRSVDD	36	
FDDRSVDU	35	
FDERRGS	30	4
FDERXSIR	33	80
FDERXSIW	30	1
FDFCTADD	14	
FDFDB	C	
FDFEND	38	
FDFLAGS	2F	
FDFLAGS2	34	
FDFSIZE	38	
FDID	0	

Table 197. Cross Reference for IATYFDD (continued)

Name	Offset	Hex Tag
FDIOCOMP	31	80
FDIOERR	31	40
FDIOREQ	2F	8
FDJBTIO	2F	40
FDJOBNO	28	
FDJTFDB	10	
FDMODREC	30	40
FDNEWREC	2C	
FDNEXT	4	
FDNOBUF	2F	80
FDNOJBCK	2F	10
FDNOPUT	30	2
FDNOTRKS	2F	2
FDPENDIO	24	
FDPREV	8	
FDPRTY	2E	
FDRECER	30	20
FDRECOV	34	80
FDROOTER	30	10
FDSNGFLE	2F	4
FDSTART	0	
FDTATCPT	2F	1
FDTATUPD	34	40
FDURECR	30	8
FDURECRD	33	40
FDVALID	18	
FDWRTBYT	30	
FDWRTCHN	30	80
FDWRTPST	31	
FDWRTSDI	2F	20

IATYFRP information

IATYFRP programming interface information

IATYFRP is a programming interface.

IATYFRP heading information

Common name: FORMAT REQUIREMENT PARAMETER CONTROL BLOCK

Macro ID: IATYFRP

DSECT name: FRPSTART FRPENTRY

Owning component: JES3 (SC1BA)

Eye-catcher ID: FRP
Offset: 8
Length: 4

Storage attributes: Main Storage: JSAM buffer
Auxiliary Storage: JES3 spool data set
Subpool: 230, 241
Key: IATISFR
Residency: Any

Size: FRPFSIZE (FRPSTART)
FRPVSIZE (FRPENTRY)

Created by: IATISFR AND IATNTSF

Pointed to by: JDABOSFD IN IATYJDA
NFDFRPFD IN IATYNFD

Serialization: NONE

Function: CONTAINS OUTPUT INFORMATION ON THE //*FORMAT JCL STATEMENT ASSOCIATED WITH A JOB OR ON THE DATASET HEADER ASSOCIATED WITH A STORE AND FORWARD SYSOUT.

IATYFRP mapping

Table 198. Structure FRPSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	FRPSTART	
0	(0)	BITSTRING	6	FRPTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	FRPCNT	USER COUNT.
8	(8)	CHARACTER	4	FRPID	File id.
12	(C)	BITSTRING	12	FRPCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	FRPVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	FRPDATA(0)	START OF USER DATA AREA.
28	(1C)	SIGNED	2	FRPFIXL	- LENGTH OF FIXED AREA
30	(1E)	SIGNED	2	FRPFRSV	RESERVED 0509
32	(20)	BITSTRING	1	FRPFEND(0)	- END OF FIXED AREA, START OF VAR AREA
32	(20)	BITSTRING	1	FRPFSIZE(0)	SIZE OF FIXED AREA

Table 199. Structure FRPENTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	FRPENTRY	
0	(0)	CHARACTER	8	FRPDEST	- DATA SET DESTINATION NAME
8	(8)	CHARACTER	8	FRPTYPE	- DATASET DESTINATION DEVICE TYPE
16	(10)	CHARACTER	8	FRPFORMS	- PRINTER/PUNCH FORMS REQUIRED
24	(18)	CHARACTER	8	FRPCARR	- PRINTER CARRIAGE TAPE REQUIRED
32	(20)	CHARACTER	8	FRPTRAIN	- PRINTER TRAIN REQUIRED
40	(28)	CHARACTER	8	FRPUSER	- USERID FOR TSO OUTPUT
48	(30)	CHARACTER	8	FRPTDEST	DEST FOR TSO OUTPUT
56	(38)	CHARACTER	1	FRPCONTL	- PRINTER CONTROL INFORMATION
		DEFINITION OF FRPCONTL			
		1...		FRPOVFL	"X'80'" - OVERFLOW ON CH. 12
		.1..		FRPINT	"X'40'" - PUNCH IS TO BE INTERPRETED
		..1.		FRPHOLD	"X'20'" - HOLD DS AFTER TSO OUTPUT
		...1		FRPTSOPR	"X'10'" PRINT DS AFTER TSO OUTPUT
		.... ..1.		FRPSPC2	"X'02'" - DOUBLE SPACE OUTPUT

Table 199. Structure FRPENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1		FRPSPC1	"X'01'" - SINGLE SPACE OUTPUT
57	(39)	CHARACTER	1	FRPCOPY	- NUMBER OF PRINT/PUNCH COPIES
58	(3A)	CHARACTER	8	FRPCOPYS	COPY DISTRIBUTION
66	(42)	CHARACTER	1	FRPFLAG1	- DATA SET DEPENDENT FLAGS
		DEFINITION OF FRPFLAG1 DEFINED THE SAME AS JDSFLG1 IN MACRO IATYJDS			
66	(42)	X'80'	0	FRPPRINT	"JDSPRINT" PRINT TYPE FRP
66	(42)	X'40'	0	FRPPUNCH	"JDSPUNCH" PUNCH TYPE FRP
66	(42)	X'0'	0	FRPTSO	"JDSTSO" TSO TYPE FRP
66	(42)	X'8'	0	FRPUSER1	"JDSUSER1" USER1 TYPE FRP
66	(42)	X'4'	0	FRPUSER2	"JDSUSER2" USER2 TYPE FRP
67	(43)	CHARACTER	1	FRPFLAG2	- DATA SET DEPENDENT FLAGS
		DEFINITION OF FRPFLAG2			
		1...		FRPDEFLT	"X'80'" - THIS IS A DEFAULT OVERIDE
		.1..		FRPCOPYV	"X'40'" - COPY FIELD IS VALID
		..1.		FRPOVFLV	"X'20'" - OVFL BIT IS VALID
		...1		FRPINTV	"X'10'" - INT BIT IS VALID
		.... 1...		FRPHOLDV	"X'08'" - HOLD BIT IS VALID
		.... .1..		FRPSPCV	"X'04'" - SPACE BITS ARE VALID
		.... ..1.		FRPPROC	"X'02'" - DDNAME IS QUALIFIED BY PROC
		1		FRPSTEP	"X'01'" - DDNAME IS QUALIFIED BY STEP
68	(44)	SIGNED	2	FRPVARL	- SIZE OF THIS VARIABLE ENTRY
70	(46)	BITSTRING	1	FRPPRTY	- DATA SET PRIORITY
71	(47)	BITSTRING	1	FRPFLAG3	- DATA SET DEPENTENT FLAGS
		DEFINITION OF FRPFLAG3			
		1...		FRPPRTYV	"X'80'" - PRTY FIELD IS VALID
		.1..		FRPFCBV	"X'40'" - FRPCARR CONTAINS FCB NAME
		..1.		FRPCPYSV	"X'20'" FRPCOPYS FIELD IS VALID
		...1		FRPFLCNV	"X'10'" FRPFLCNT FIELD IS VALID
		.... 1...		FRPTRVAL	"X'08'" FRPTRESH FIELD IS VALID
71	(47)	X'47'	0	FRPCHTP	"FRPFLAG3" CHAIN SIZE FLAG
		.... .1..		FRPDSET	"X'04'" CHAIN SIZE IS A DATASET
		.... ..1.		FRPCHNV	"X'02'" CHAIN SIZE WAS SPECIFIED ON FORMAT CONTROL CARD
72	(48)	CHARACTER	4	FRPCHARS(4)	TRANSLATE TABLE IDS
88	(58)	CHARACTER	4	FRPFLASH	FORMS FLASH ID
92	(5C)	CHARACTER	4	FRPMODID	COPY MODIFICATION ID
96	(60)	BITSTRING	1	FRPFLCNT	FLASH COUNT
97	(61)	CHARACTER	1	FRPMODRC	COPY MOD REFERENCE CHAR
98	(62)	CHARACTER	1	FRPSTACK	STACKER REQUIRED
99	(63)	BITSTRING	1	FRPDSHNO	Dataset header index
100	(64)	CHARACTER	8	FRPCTABN	COMPACTION TABLE NAME
108	(6C)	BITSTRING	2	FRPCHNSZ(0)	CHAIN SIZE BYTES

Table 199. Structure FRPENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
108	(6C)	BITSTRING	1	FRPPGNUM	NUM OF PAGES IN SNA CHAIN
109	(6D)	BITSTRING	1	FRPPGSZ	NUM OF LOGICAL RECORDS IN
		A PAGE IF DATA SET DOES NOT HAVE CHARIAGE CONTROL			
110	(6E)	SIGNED	2	FRPERSV2	RESERVED 0509
112	(70)	CHARACTER	24	FRPPRCNM(0)	- FULLY QUALIFIED NAME
112	(70)	CHARACTER	16	FRPSTPNM(0)	- HALF QUALIFIED NAME
112	(70)	CHARACTER	8	FRPDDNAM(0)	- NON QUALIFIED NAME
112	(70)	CHARACTER	24	FRPDSNAM	- 24 BYTES FOR NAME
136	(88)	BITSTRING	4	FRPTHRES	DATASET THRESHOLD COUNT
140	(8C)	CHARACTER	8	FRPDEST2	Secondary destination for output
148	(94)	CHARACTER	8	FRPRMTWR	External writer name for remote node
156	(9C)	BITSTRING	1	FRPVEND(0)	- END OF FRP VARIABLE ENTRY AREA
156	(9C)	BITSTRING	1	FRPVSIZE(0)	SIZE OF STANDARD VARIABLE ENTRY

Table 200. Cross Reference for IATYFRP

Name	Offset	Hex Tag
FRPCARR	18	
FRPCHARS	48	
FRPCHN	C	0
FRPCHNSZ	6C	
FRPCHNV	47	2
FRPCHTP	47	47
FRPCNT	6	0
FRPCONTL	38	
FRPCOPY	39	
FRPCOPYS	3A	
FRPCOPYV	43	40
FRPCPYSV	47	20
FRPCTABN	64	
FRPDATA	1C	
FRPDDNAM	70	
FRPDEFLT	43	80
FRPDEST	0	
FRPDEST2	8C	
FRPDSET	47	4
FRPDSHNO	63	
FRPDSNAM	70	
FRPENTRY	0	
FRPERSV2	6E	
FRPFCBV	47	40
FRPFEND	20	
FRPFIXL	1C	
FRPFLAG1	42	
FRPFLAG2	43	

Table 200. Cross Reference for IATYFRP (continued)

Name	Offset	Hex Tag
FRPFLAG3	47	
FRPFLASH	58	
FRPFLCNT	60	
FRPFLCNV	47	10
FRPFORMS	10	
FRPFRSV	1E	
FRPFSIZE	20	
FRPHOLD	38	20
FRPHOLDV	43	8
FRPID	8	C6D9D740
FRPINT	38	40
FRPINTV	43	10
FRPMODID	5C	
FRPMODRC	61	
FRPOVFL	38	80
FRPOVFLV	43	20
FRPPGNUM	6C	
FRPPGSZ	6D	
FRPPRCNM	70	
FRPPRINT	42	80
FRPPROC	43	2
FRPPRTY	46	
FRPPRTYV	47	80
FRPPUNCH	42	40
FRPRMTWR	94	
FRPSPCV	43	4
FRPSPC1	38	1
FRPSPC2	38	2
FRPSTACK	62	
FRPSTART	0	
FRPSTEP	43	1
FRPSTPNM	70	
FRPTDEST	30	
FRPTHRES	88	
FRPTRAIN	20	
FRPTRK	0	0
FRPTRVAL	47	8
FRPTSO	42	0
FRPTSOPR	38	10
FRPTYPE	8	
FRPUSER	28	
FRPUSER1	42	8
FRPUSER2	42	4
FRPVARL	44	
FRPVEND	9C	
FRPVLID	18	0

Table 200. Cross Reference for IATYFRP (continued)

Name	Offset	Hex Tag
FRPVSIZE	9C	

IATYFSA information

IATYFSA programming interface information

IATYFSA is a programming interface.

IATYFSA heading information

Common name:	FUNCTIONAL SUBSYSTEM APPLICATION TABLE
Macro ID:	IATYFSA
DSECT name:	FSASTART, IATYCNDB
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	FSA (FSASTART), CNDB (IATYCNDB) Offset: 0 (FSA), 4 (CNDB) Length: 4 (FSA), 4 (CNDB)
Storage attributes:	Main Storage: JESPOOL (JES3 PRIVATE AREA) Auxiliary Storage: N/A
Size:	FSASTART - FSALEN IATYCNDB - CNDBLEN
Created by:	IATINFS during JES3 global initialization
Pointed to by:	IATYFSS field FSSFSAPT IATYFSA field FSACHAIN
Serialization:	None
Function:	Contains information needed by the JES3 global processor about a functional subsystem application.

IATYFSA mapping

Table 201. Structure FSASTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	FSASTART	FUNCTIONAL SUBSYSTEM APPLICATION TABLE
0	(0)	CHARACTER	4	FSAID	CONTROL BLOCK ID
4	(4)	ADDRESS	4	FSACHAIN	ADDRESS OF NEXT FSA TABLE
8	(8)	SIGNED	4	FSAFSID(0)	FUNCTIONAL SUBSYSTEM ID
8	(8)	SIGNED	2	FSAFSSID	FSS PORTION OF FSID
10	(A)	SIGNED	2	FSAFSAID	FSA PORTION OF FSID
12	(C)	ADDRESS	4	FSAFCTPT	ADDRESS OF OWNING FCT
16	(10)	ADDRESS	4	FSAFSSPT	ADDRESS OF OWNING FSS
20	(14)	ADDRESS	4	FSASUPPT	ADDRESS OF SUPUNIT FOR ASSIGNED DEVICE
24	(18)	CHARACTER	8	FSAJNAME	JNAME OF DEVICE ASSIGNED TO FSA
32	(20)	ADDRESS	4	FSAECFPT	ADDRESS OF ECF TO POST WHEN A STATUS CHANGE IN THE FSS AFFECTS THE FSA
36	(24)	BITSTRING	1	FSAECFMK	ECF MASK TO BE USED FOR THE FSA STATUS CHANGE POST
37	(25)	BITSTRING	1	FSATMRSN	REASON FOR FSA DSP TO TERM.

Table 201. Structure FSASTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
38	(26)	BITSTRING	1	FSAIFLG1	In-storage flag one (i.e. not checkpointed)
		Definition of FSAIFLG1			
		1...		FSAFNDFC	"X'80'" The FSA was found in the FSA FSS/FSA checkpoint during a hot start with refresh
		.1..		FSARSTCK	"X'40'" Information was restored from the FCK during a hot start or hot start with refresh
		..1.		FSARI120	"X'20'" Reserved flag
		...1		FSARI110	"X'10'" Reserved flag
		.... 1...		FSARI108	"X'08'" Reserved flag
		.... .1..		FSARI104	"X'04'" Reserved flag
		.... ..1.		FSARI102	"X'02'" Reserved flag
		1		FSARI101	"X'01'" Reserved flag
39	(27)	BITSTRING	1	FSARSRVD	Reserved for development
40	(28)	ADDRESS	4	FSASTARA	ADDRESS OF STAGING AREA FROM FSS CONTROLLER DSP
44	(2C)	SIGNED	4	FSARSVD1(2)	RESERVED FOR DEVELOPMENT
52	(34)	SIGNED	4	FSARSVD2(2)	RESERVED FOR SERVICE
60	(3C)	SIGNED	4	FSARSVD3(2)	RESERVED FOR USER
		START OF CHECKPOINTED SECTION OF FSA TABLE			
72	(48)	DBL WORD	8	FSACKST(0)	START OF CHECKPOINTED SECT
72	(48)	BITSTRING	1	FSAWSTAT	FSA WRITER STATUS FLAGS
		DEFINITION OF FSAWSTAT			
		1...		FSAALLOC	"X'80'" FSA IN USE BY WRITER
		.1..		FSADYWTR	"X'40'" FSA IN USE BY DYNAMIC WRITER
		..1.		FSANOWRK	"X'20'" FSA WRITER WAITING FOR WORK
		...1		FSAWTERM	"X'10'" FSA WRITER TERMINATION IN PROGRESS
		.... 1...		FSAWCOMP	"X'08'" FSA WRITER ACTIVITY COMPLETE
		.... .1..		FSAWPOST	"X'04'" NEGATIVE RESPONSE TO GETDS SENT - FSI POST REQUIRED
		.... ..1.		FSASYNCR	"X'02'" SYNCH ORDER REQUIRED FOR FSA
73	(49)	BITSTRING	1	FSASTAT1	FSA/DEVICE START-UP STATUS
		DEFINITION OF FSASTAT1			
		1...		FSASTORD	"X'80'" START FSA ORDER SENT
		.1..		FSACONN	"X'40'" FSA-LEVEL CONNECT RECEIVED
		..1.		FSADSTRT	"X'20'" START DEVICE ORDER SENT
		...1		FSADEVST	"X'10'" DEVICE STARTED RESP RECEIVED
		.... 1...		FSASFAIL	"X'08'" START FSA ORDER FAILED
74	(4A)	BITSTRING	1	FSASTAT2	FSA/DEVICE SHUT-DOWN STATUS
		DEFINITION OF FSASTAT2			

Table 201. Structure FSASTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		FSASTOP	"X'80'" STOP FSA ORDER SENT
		.1..		FSADCONN	"X'40'" FSA-LEVEL DISCON RECEIVED
		..1.		FSADSTOP	"X'20'" STOP DEVICE ORDER SENT
		...1		FSADEVSP	"X'10'" DEVICE STOPPED RESP RECEIVED
		.... 1...		FSAWTRFL	"X'08'" FSA DSP FAILED AND DID NOT STOP THE FSA
75	(4B)	BITSTRING	1	FSAREQ	FSA STATUS POSTS REQUESTED FROM FSS CONTROLLER DSP
		DEFINITION OF FSAREQ			
		1...		FSASTRT	"X'80'" FSA START CAN NOW BE ISSUED
		.1..		FSATERM	"X'40'" FSA DSP MUST TERMINATE
		..1.		FSASTARR	"X'20'" PROCESS THE STAGING AREA POINTED TO BY FSASTARA
		...1		FSARSV10	"X'10'" Reserved for IBM
		.... 1...		FSARETRY	"X'08'" FSA DSP MAY RETRY TO START THE FSS AND FSA
		.... .1..		FSARSV04	"X'04'" RESERVED FOR DEVELOPMENT
		.... ..1.		FSARSV02	"X'02'" RESERVED FOR DEVELOPMENT
		1		FSARSV01	"X'01'" RESERVED FOR DEVELOPMENT

```
 IATYCNDB_1:;
 START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  5647-A01 COPYRIGHT IBM CORP. 1989, 2010
  STATUS= HJS7770
  END_OF_PROPRIETARY_STATEMENT
    This data area is maintained as a CASE mapping macro.
    Changes should be made to the CASE source and then
    the PLX and Assembler should be regenerated.
    Do NOT make changes to the PLX or Assembler directly!
01 Descriptive Name: Console Destination Block
      Acronym: CNDB
01 Macro Name: IATYCNDB
01 DSECT name: IATYCNDB
       --based variable for storage mapping
01 Component: JES3 (SC1BA)
01 Function:
02 The console destination block is a control block that
      contains information related to the destination that
      messages should be sent to. This control block is built
      as commands are entered into to the system and is used by
      command processors as a destination for where to return
      messages to. The control block is imbeded in other
      control blocks and the size of the data area must not
      change (otherwise a JES3 cold start is required). The
      data is referenced by non-source maintained modules, so
      offsets into the data area must not change.
01 Eye-Catcher: CNDBEYE
02 Offset: 4
02 Length: 4
01 Language: PL/X
01 Storage attributes:
02 Allocation Method: Imbeded within other control blocks
02 Main Storage: 94
02 Virtual Storage: 94
02 Auxiliary Storage: 94
02 Subpool: n/a
02 Key: 1
02 Data Space: N/A
02 Residency: any
02 Frequency: n/a
02 Size: 94
02 Created by: n/a
02 Deleted by: n/a
02 Pointed to by: Imbeded within other control blocks
02 Serialization: none
```

Table 201. Structure FSASTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
01 EXTERNAL CLASSIFICATION: DMTI 01 END OF EXTERNAL CLASSIFICATION: 01 Method Of access: 02 ASM: IATYCNDB 02 PLX: %INCLUDE SYSLIB(IATYCNDB) 01 CHANGE ACTIVITY: $QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support $RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init $T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0 CASE/390 - VERSION 49 END OF SPECIFICATIONS					
76	(4C)	SIGNED	4	FSACNDB(0)	IATYCNDB.27: based variable for storage mapping
76	(4C)	SIGNED	4		Four byte console id 0176
80	(50)	CHARACTER	4		IATYCNDB eyecatcher
84	(54)	ADDRESS	4		IATYCNDB version
88	(58)	BITSTRING	8		Reserved for development
96	(60)	BITSTRING	8		Console Name 0176
104	(68)	BITSTRING	24		Reserved for development
128	(80)	SIGNED	2		Reserved for development
130	(82)	BITSTRING	40		Reserved for development FOR FSA RELATED MESSAGES
THE FOLLOWING SECTION CONTAINS SUPUNIT-RELATED INFORMATION WHICH IS CHECKPOINTED WITH THE FSA.					
170	(AA)	CHARACTER	4	FSADEVAD	CURRENTLY-ASSIGNED DEVICE NUMBER (SUPDEVAD)
174	(AE)	BITSTRING	1	FSAFSFLG	FSS DEVICE FLAG BYTE (SUPFSFLG)
175	(AF)	BITSTRING	1	FSAFSFL2	FSS device flag byte 2 (SUPFSFL2)
IATYCNDB_1:;					
176	(B0)	SIGNED	4	FSACNDB2(0)	IATYCNDB.27: based variable for storage mapping
176	(B0)	SIGNED	4		Four byte console id 0176
180	(B4)	CHARACTER	4		IATYCNDB eyecatcher
184	(B8)	ADDRESS	4		IATYCNDB version
188	(BC)	BITSTRING	8		Reserved for development
196	(C4)	BITSTRING	8		Console Name 0176
204	(CC)	BITSTRING	24		Reserved for development
228	(E4)	SIGNED	2		Reserved for development
230	(E6)	BITSTRING	40		Reserved for development
270	(10E)	BITSTRING	1	FSAFLAG1	FLAG BYTE 1 (SUPFLAG1) - SUPOFFLN ONLY
271	(10F)	BITSTRING	1	FSAFLAG2	FLAG BYTE 2
DEFINITION OF FSAFLAG2					
		1...		FSANPROV	"X'80'" NPRO HAS BEEN CHECKPOINTED
		.1..		FSANNPRO	"X'40'" NPRO=NO
		..1.		FSACKPTP	"X'20'" CHECKPOINT INTERVAL IN PAGES
		...1		FSACKPTS	"X'10'" CHECKPOINT INTERVAL IN SEC.
		.... 1...		FSANOSET	"X'08'" IF ON, SUPPRESS THE SETUP MESSAGE (IAT7030)

Table 201. Structure FSASTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
PRINTER FUNCTIONS THAT INVOLVE OPERATOR INTERVENTION.					
272	(110)	BITSTRING	1	FSAOPRIN	VALUES FROM FSA CONNECT LIST
		1...		FSAOPRBT	"X'80'" BTS INTRVNTN SUPT'ED
		.1..		FSAOPRFL	"X'40'" FLASH INTRVNTN SUPT'ED
		..1.		FSAOPRFO	"X'20'" FORMS INTRVNTN SUPT'ED
		...1		FSAOPRCF	"X'10'" CONT FORMS INTRVNTN SUPT'ED
		.... 1...		FSAOPRR1	"X'08'" RESERVED FOR DEVELOPMENT
		.... .1..		FSAOPRR2	"X'04'" RESERVED FOR DEVELOPMENT
		.... ..1.		FSAOPRR3	"X'02'" RESERVED FOR DEVELOPMENT
		1		FSAOPRR4	"X'01'" RESERVED FOR DEVELOPMENT
273	(111)	BITSTRING	1	FSAFLAG3	OPTIONS SUPPORTED BY FSA
DEFINITION OF FSAFLAG3					
		1...		FSAMSGRT	"X'80'" FSA SUPPORTS MSG ROUTING
274	(112)	SIGNED	2	FSACKPTI	CHECKPOINT INTERVAL
276	(114)	SIGNED	4	FSANPROI	NON PROCESS RUN OUT INTERVAL
280	(118)	SIGNED	4	FSARSVD5	RESERVED FOR SERVICE
284	(11C)	SIGNED	4	FSARSVD6	RESERVED FOR USER
288	(120)	DBL WORD	8	FSACKEND(0)	END OF CHECKPOINTED SECTION
288	(120)	X'D8'	0	FSACKLEN	"FSACKEND-FSACKST" LENGTH OF CHECKPOINTED SECT
END OF CHECKPOINTED SECTION OF FSA TABLE					
288	(120)	DBL WORD	8	FSAEND(0)	END OF FSA TABLE ENTRY
288	(120)	X'120'	0	FSALEN	"FSAEND-FSASTART" LENGTH OF FSA TABLE ENTRY

Table 202. Cross Reference for IATYFSA

Name	Offset	Hex Tag
FSAALLOC	48	80
FSACHAIN	4	
FSACKEND	120	
FSACKLEN	120	D8
FSACKPTI	112	
FSACKPTP	10F	20
FSACKPTS	10F	10
FSACKST	48	
FSACNDB	4C	
FSACNDB2	B0	
FSACONN	49	40
FSADCONN	4A	40
FSADEVAD	AA	
FSADEVSP	4A	10
FSADEVST	49	10
FSADSTOP	4A	20

Table 202. Cross Reference for IATYFSA (continued)

Name	Offset	Hex Tag
FSADSTRT	49	20
FSADYWTR	48	40
FSAECFMK	24	
FSAECFPT	20	
FSAEND	120	
FSAFCTPT	C	
FSAFLAG1	10E	
FSAFLAG2	10F	
FSAFLAG3	111	
FSAFNDFC	26	80
FSAFSAID	A	
FSAFSFLG	AE	
FSAFSFL2	AF	
FSAFSID	8	
FSAFSSID	8	
FSAFSSPT	10	
FSAID	0	
FSAIFLG1	26	
FSAJNAME	18	
FSALEN	120	120
FSAMSGRT	111	80
FSANNPRO	10F	40
FSANOSET	10F	8
FSANOWRK	48	20
FSANPROI	114	
FSANPROV	10F	80
FSAOPRBT	110	80
FSAOPRCF	110	10
FSAOPRFL	110	40
FSAOPRFO	110	20
FSAOPRIN	110	
FSAOPRR1	110	8
FSAOPRR2	110	4
FSAOPRR3	110	2
FSAOPRR4	110	1
FSAREQ	4B	
FSARETRY	4B	8
FSARI101	26	1
FSARI102	26	2
FSARI104	26	4
FSARI108	26	8
FSARI110	26	10
FSARI120	26	20
FSARSRVD	27	
FSARSTCK	26	40
FSARSVD1	2C	

Table 202. Cross Reference for IATYFSA (continued)

Name	Offset	Hex Tag
FSARSVD2	34	
FSARSVD3	3C	
FSARSVD5	118	
FSARSVD6	11C	
FSARSV01	4B	1
FSARSV02	4B	2
FSARSV04	4B	4
FSARSV10	4B	10
FSASFAIL	49	8
FSASTARA	28	
FSASTARR	4B	20
FSASTART	0	
FSASTAT1	49	
FSASTAT2	4A	
FSASTOP	4A	80
FSASTORD	49	80
FSASTRT	4B	80
FSASUPPT	14	
FSASYNCR	48	2
FSATERM	4B	40
FSATMRSN	25	
FSAWCOMP	48	8
FSAWPOST	48	4
FSAWSTAT	48	
FSAWTERM	48	10
FSAWTRFL	4A	8

IATYFSCB information

IATYFSCB programming interface information

The following fields are **NOT** programming interface information:

- FSCBETXR
- FSCBFFSC
- FSCBFSVT
- FSCBJFSC
- FSCBXTRC

IATYFSCB heading information

Common name:	FSS/FSA COMMON CONTROL BLOCK
Macro ID:	IATYFSCB
DSECT name:	FSCBSTRT
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	FSCB Offset: 0 Length: 4

Storage attributes: Main Storage: SUBPOOL SPECIFIED BY FSCBCBSP
Auxiliary Storage: N/A
Key: KEY 1 (JESKEY)
Residency: DEPENDENT UPON THE FSS LEVEL

Size: FSCBLEN

Created by: IATSICD DURING FSS OR FSA CONNECT

Pointed to by: IAZFSCT FIELD FSCTJES

Serialization: THE LOCAL LOCK MUST BE HELD WHILE MODIFYING THE CHAIN OF SRL'S ORIGINATING IN FSCBLSNQ.

Function: THIS IS THE PRIMARY JES3 CONTROL BLOCK IN AN FSS ADDRESS SPACE. THERE IS ONE FSCB FOR THE FSS, AND ONE FOR EACH FSA.

IATYFSCB mapping

Table 203. Structure FSCBSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	FSCBSTRT	, FSS/FSA COMMON CONTROL BLOCK
0	(0)	CHARACTER	4	FSCBID	CONTROL BLOCK ID
4	(4)	SIGNED	4	FSCBFSID(0)	FUNCTIONAL SUBSYSTEM ID
4	(4)	SIGNED	2	FSCBFSSI	FSS PORTION OF FSID
6	(6)	SIGNED	2	FSCBFSAI	FSA PORTION OF FSID
		THE FOLLOWING VALUE IS COPIED FROM THE CONNECT PARAMETER LIST. IT MUST BE PASSED TO THE FSI POST AND ORDER ROUTINES SUPPLIED BY THE FSS.			
8	(8)	SIGNED	4	FSCBFDAT	CDFFDATA VALUE - PASSED TO POST AND ORDER
		FSCBDEST - GLOBAL DESTINATION QUEUE ID THIS FIELD MAY BE SET BY SUPPLYING A VALUE IN CONNECT PARAMETER LIST FIELD CDFTOKEN. THE DEFAULT DESTINATION IS DSTFSS, THE FSS DYNAMIC DESTINATION QUEUE.			
12	(C)	BITSTRING	1	FSCBDEST	GLOBAL DESTINATION QUEUE ID
		DEFINITION OF FSCBFLG1 - FSS OR FSA STATUS FLAGS			
13	(D)	BITSTRING	1	FSCBFLG1	FSS OR FSA STATUS FLAGS
		1...		FSCBCONN	"X'80'" FSS OR FSA CONNECTED
		.1..		FSCBDCON	"X'40'" FSS OR FSA DISCONNECT IN PROGRESS
		..1.		FSCBSPDC	"X'20'" SPECIFIC DISCONNECT PROCESSING DONE
		...1		FSCBSTOP	"X'10'" STOP ORDER ISSUED FOR THIS FSS OR FSA; SET IN FCOR; ACCESSED IN SICD.
		.... 1...		FSCBJDET	"X'08'" JESXCF DETACH HAS BEEN 0203 ATTEMPTED 0203
		.... .1..		FSCBTERM	"X'04'" The associated FSS/FSA task has terminated
		DEFINITION OF FSCBTFLG - FSS OR FSA TRACE FLAGS			
14	(E)	BITSTRING	1	FSCBTFLG	FSS OR FSA TRACE FLAGS
		1...		FSCBORAC	"X'80'" FSS OR FSA ORDER ROUTINE ACTIVE
		.1..		FSCBPTAC	"X'40'" FSA POST ROUTINE ACTIVE

Table 203. Structure FSCBSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF FSCBLTFL - LISTEN TASK CONTROL FLAGS			
15	(F)	BITSTRING	1	FSCBLTFL	LISTEN TASK CONTROL FLAGS
		1...		FSCBLTAT	"X'80'" LISTEN TASK ATTACHED
		.1..		FSCBLTIC	"X'40'" LISTEN TASK INITIALIZATION COMPLETE
		..1.		FSCBLTTR	"X'20'" LISTEN TASK TERMINATION REQUESTED
		...1		FSCBLTND	"X'10'" LISTEN TASK ENDED
		.... 1...		FSCBLTDT	"X'08'" LISTEN TASK DETACHED
		.... .1..		FSCBLTAB	"X'04'" LISTEN TASK ABEND DUE TO NON-ZERO RETURN CODE FROM ORDER ROUTINE
		.... ..1.		FSCBLTCN	"X'02'" LISTEN TASK CANCELLED
16	(10)	BITSTRING	1	FSCBFTYP	FSS TYPE 0069
		DEFINITION OF FSSTYPE 0			
16	(10)	X'1'	0	FSCBWTR	"1" WTR FSS FOR AFP DEVICE 0069
16	(10)	X'2'	0	FSCBCI	"2" CI FSS FOR MVS CI,PRE-SCAN 0069
		INFORMATION PASSED ON THE FSS CONNECT WHICH MUST 0 REMAIN ON THE FSS LEVEL FOR CIFSSES AND MUST BE 0 TRANSFERED TO ANY AND ALL FSAS FOR WTR FSS. 0			
17	(11)	BITSTRING	1	FSCBFLG2	FSS/FSS COMMON INFO 0108
		1...		FSCBAM31	"X'80'" FSS RUNNING AMODE(31) 0108
18	(12)	BITSTRING	1	FSCBRSFL	RESERVED FOR DEVELOPMENT 0108
		DEFINITION OF FSCBMFLG - MESSAGE ROUTING FLAGS			
19	(13)	BITSTRING	1	FSCBMFLG	FSS/FSA MESSAGE ROUTING FLAG
		1...		FSCBMSRS	"X'80'" ROUTING CODE WAS SPECIFIED BY JES3
		.1..		FSCBMSCS	"X'40'" CONSOLE ID WAS SPECIFIED BY JES3
		MESSAGE ROUTING CODE AND CONSOLE IDENTIFIER			
20	(14)	BITSTRING	16	FSCBMSRC	MCS ROUTING CODE FOR FSS/FSA RELATED MESSAGES
36	(24)	ADDRESS	4	FSCBMSCI	CONSOLE ID FOR FSA RELATED MESSAGES
40	(28)	BITSTRING	16	FSCBMSR2	TEMP FIELD FOR FSA MESSAGES
56	(38)	BITSTRING	1	FSCBMFL2	TEMPORARY FLAG FOR FSA RELATED MESSAGE INDICATORS
56	(38)	X'15'	0	FSCBMTMP	"*-FSCBMSCI" SIZE OF TEMP MSG INFO AREA
57	(39)	BITSTRING	3	FSCBRSF2	RESERVED FOR DEVELOPMENT
		FSS CONTROL BLOCK ADDRESSES AND LENGTHS			
60	(3C)	ADDRESS	4	FSCBFSVT	ADDRESS OF THE FSVT
64	(40)	SIGNED	4	FSCBFSVL	LENGTH OF THE FSVT
68	(44)	ADDRESS	4	FSCBJFSC	ADDR OF FSCT FOR TARGET=JES
72	(48)	ADDRESS	4	FSCBFFSC	ADDR OF FSCT FOR TARGET=FSS

Table 203. Structure FSCBSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
76	(4C)	SIGNED	4	FSCBFSCL	LENGTH OF EACH FSCT
80	(50)	SIGNED	4	FSCBTOKN	START COMMAND TOKEN - MAXIMUM FSA COUNT FOR FSS
80	(50)	X'E6'	0	FSCBCBSP	"230" MAIN STORAGE SUBPOOL WHERE CONTROL BLOCKS RESIDE
		ADDRESSES OF OTHER JES3 CONTROL BLOCKS			
84	(54)	ADDRESS	4	FSCBMEMH	ADDRESS OF MEMDATA HEADER
88	(58)	ADDRESS	4	FSCBSSVT	ADDRESS OF JES3 SSVT
92	(5C)	ADDRESS	4	FSCBFSBX	ADDRESS OF FSCB EXTENSION FOR WRITER FSA
		SERVICE ROUTINE ADDRESSES			
96	(60)	ADDRESS	4	FSCBMSG	ADDRESS OF MESSAGE ROUTINE IATFCMS
100	(64)	ADDRESS	4	FSCBXTRC	ADDRESS OF TRACE ROUTINE IATFCTR (IATFCTX) 0163
104	(68)	ADDRESS	4	FSCBFCTR	ADDRESS OF TRACE ROUTINE 0163 IATFCTR 0163
108	(6C)	ADDRESS	4	FSCBETXR	ADDRESS OF COMMON END OF TASK EXIT ROUTINE IN IATSICD
		FSS OR FSA (DEVICE) NAME AND ADDRESS OF TRACE 0 CONTROL AREA. 0			
112	(70)	ADDRESS	4	FSCBATRA	TRACE CONTROL AREA ADDRESS 0163
116	(74)	CHARACTER	8	FSCBNAME	NAME OF FSS OR DEVICE NAME 0163 FOR FSA 0163
		MODULE NAMES SUPPLIED BY JES3 GLOBAL FOR FUNCTION-SPECIFIC CONNECT AND DISCONNECT PROCESSING.			
124	(7C)	CHARACTER	8	FSCBCNAM	FUNCTION-SPECIFIC CONNECT MODULE NAME
132	(84)	CHARACTER	8	FSCBDNAM	FUNCTION-SPECIFIC DISCONNECT MODULE NAME
		LISTEN TASK ECB'S AND CONTROL BLOCK ADDRESSES			
140	(8C)	SIGNED	4	FSCBJXGT	JESXCF GROUPTOKEN
144	(90)	BITSTRING	8	FSCBJXMT	JESXCF MESSAGE TOKEN
152	(98)	SIGNED	4	FSCBLECB	LISTEN TASK PRIMARY ECB
156	(9C)	SIGNED	4	FSCBOECB	ORDER INTERFACE ROUTINE ECB
160	(A0)	SIGNED	4	FSCBLTIT	LISTEN TASK INIT/TERM COMPLETE ECB
164	(A4)	ADDRESS	4	FSCBLTCB	LISTEN TASK TCB ADDRESS
168	(A8)	SIGNED	4	FSCBDLEN	LENGTH OF DATA RECEIVED FROM JESXCF
172	(AC)	ADDRESS	4	FSCBSRL	CURRENT SRL ADDRESS
		LISTEN VECTOR TABLE THIS TABLE CONTAINS THE ADDRESSES OF THE FSI INTERFACE ROUTINES FOR JES-TO-FSS FUNCTIONS. THE FSI FUNCTION CODE IS AN INDEX INTO THE TABLE, WHICH IS EQUAL IN LENGTH TO THE FSCT ROUTINE ADDRESS SECTION.			
176	(B0)	ADDRESS	4	FSCBLVT(0)	LISTEN VECTOR TABLE
		SERVICE ENTRANCE LIST FOR LISTEN TASK USE			

Table 203. Structure FSCBSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
208	(D0)	BITSTRING	1	FSCBSEL	SEL FOR LISTEN TASK USE
		IATXGFM PARAMETER LIST FOR LISTEN TASK USE FSCBXGFM IATXGFM MF=L MODEL IATXGFM PARAMETER LIST $H0=FSSCOMM HJS2329 840109 PD0JH: SP 1.3.4 3 $LN=SP134 HJS2329 831220 PD0TD: SP 1.3.4			
320	(140)	SIGNED	4	FSCBXGFM(0)	ALIGN ON FULLWORD BOUNDARY
320	(140)	CHARACTER	2		MESSAGE ID
322	(142)	ADDRESS	1		CALLER
323	(143)	ADDRESS	1		ERRID
324	(144)	ADDRESS	4		FSCBAD
328	(148)	ADDRESS	4		FSDBAD
332	(14C)	ADDRESS	4		ERRTEXT
		UCB PIN information UCBLOOK MF=(L,FSCBLKPL) MACDATE -03/18/08-<3>			
0	(0)	X'150'	0	M00M0003	"FSCBLKPL" ++ UCBLOOK NAME
336	(150)	DBL WORD	8	FSCBLKPL(0)	++ UCBLOOK PARM LIST
336	(150)	BITSTRING	1	FSCBLKPL_XVERSION	++ INPUT XVERSION
337	(151)	BITSTRING	1	FSCBLKPL_XSCHSET	++
338	(152)	BITSTRING	2	FSCBLKPL_XDEVN	++
340	(154)	CHARACTER	4	FSCBLKPL_XDEVNCHAR	++
344	(158)	CHARACTER	6	FSCBLKPL_XVOLSER	++
350	(15E)	BITSTRING	1	FSCBLKPL_XDEVCLASS	++ XDEVCLASS
350	(15E)	X'0'	0	FSCBLKPL_XDEVCLASS_DASDTAPE	"0" ++ XDEVCLASS.DASDTAPE KEYWORD
350	(15E)	X'1'	0	FSCBLKPL_XDEVCLASS_TAPE	"1" ++ XDEVCLASS.TAPE KEYWORD
350	(15E)	X'2'	0	FSCBLKPL_XDEVCLASS_DASD	"2" ++ XDEVCLASS.DASD KEYWORD
351	(15F)	BITSTRING	1	FSCBLKPL_XRESERVED2	++ FIELD_LABEL
		1...		FSCBLKPL_XNOTFIND_YES	"B'10000000'" ++ XNOTFIND.YES KEYWORD
352	(160)	ADDRESS	4	FSCBLKPL_XUCBPTR	++
356	(164)	CHARACTER	5	FSCBLKPL_XCOMPID	++
361	(169)	BITSTRING	1	FSCBLKPL_XMASK	++ FIELD_LABEL
		1...		FSCBLKPL_XNONBASE_YES	"B'10000000'" ++ XNONBASE.YES KEYWORD
		.1..		FSCBLKPL_XDYNAMIC_NO	"B'01000000'" ++ XDYNAMIC.NO KEYWORD
		..1.		FSCBLKPL_XRANGE_3DIGIT	"B'00100000'" ++ XRANGE.3DIGIT KEYWORD
		...1		FSCBLKPL_XLOC_ANY	"B'00010000'" ++ XLOC.ANY KEYWORD
		.... 1...		FSCBLKPL_XSPECIAL_YES	"B'00001000'" ++ XSPECIAL.YES KEYWORD
		1		FSCBLKPL_XUNBOUND_ALIAS_YES	"B'00000001'" ++ XUNBOUND_ALIAS.YES KEYWORD
362	(16A)	BITSTRING	1	FSCBLKPL_XFLAGS	++ FIELD_LABEL
		1...		FSCBLKPL_KEYUSED_DEVN	"B'10000000'" ++ KEYUSED.DEVN KEYWORD
		.1..		FSCBLKPL_KEYUSED_DEVNCHAR	"B'01000000'" ++ KEYUSED.DEVNCHAR KEYWORD
		..1.		FSCBLKPL_KEYUSED_VOLSER	"B'00100000'" ++ KEYUSED.VOLSER KEYWORD

Table 203. Structure FSCBSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		...1		FSCBLKPL_KEYUSED_LASTING	"B'00010000'" ++ KEYUSED.LASTING KEYWORD
		.... 1...		FSCBLKPL_KEYUSED_COMPID	"B'00001000'" ++ KEYUSED.COMPID KEYWORD
		.... .1..		FSCBLKPL_KEYUSED_HELP	"B'00000100'" ++ KEYUSED.HELP KEYWORD
		.... ..1.		FSCBLKPL_KEYUSED_PIN	"B'00000010'" ++ KEYUSED.PIN KEYWORD
		1		FSCBLKPL_KEYUSED_PINPATHS	"B'00000001'" ++ KEYUSED.PINPATHS KEYWORD
363	(16B)	BITSTRING	1	FSCBLKPL_XFLAGS2	++ FIELD_LABEL
		1...		FSCBLKPL_KEYUSED_UCBCXPTR	"B'10000000'" ++ KEYUSED.UCBCXPTR KEYWORD
		.1..		FSCBLKPL_KEYUSED_UCBPXPTR	"B'01000000'" ++ KEYUSED.UCBPXPTR KEYWORD
		..1.		FSCBLKPL_KEYUSED_LDEVNCHAR	"B'00100000'" ++ KEYUSED.LDEVNCHAR KEYWORD
		...1		FSCBLKPL_KEYUSED_SCHSET	"B'00010000'" ++ KEYUSED.SCHSET KEYWORD
364	(16C)	ADDRESS	4	FSCBLKPL_XTEXT_ADDR	++ ADDR
368	(170)	SIGNED	4	FSCBLKPL_XTEXT_ALET	++ ALET
372	(174)	CHARACTER	8	FSCBLKPL_XPTOKEN	++
380	(17C)	CHARACTER	8	FSCBLKPL_XHELP	++
388	(184)	ADDRESS	4	FSCBLKPL_XIOCTOKEN_ADDR	++ ADDR
392	(188)	SIGNED	4	FSCBLKPL_XIOCTOKEN_ALET	++ ALET
396	(18C)	ADDRESS	4	FSCBLKPL_XUCBPAREA_ADDR	++ ADDR
400	(190)	SIGNED	4	FSCBLKPL_XUCBPAREA_ALET	++ ALET
404	(194)	ADDRESS	4	FSCBLKPL_XUCBCXPTR	++
408	(198)	ADDRESS	4	FSCBLKPL_XUCBPXPTR	++
412	(19C)	CHARACTER	5	FSCBLKPL_XLDEVNCHAR	++
417	(1A1)	CHARACTER	3	FSCBLKPL_XRESERVED1	++ FIELD_LABEL
417	(1A1)	X'54'	0	FSCBLKPLL	"*-FSCBLKPL" ++ LENGTH OF PLIST
				UCBLOOK-3	
0	(0)	X'54'	0	FSCBLKLN	"*-FSCBLKPL" UCBLOOK list form length
				UCBPIN MF=(L,FSCBPNPL) MACDATE -11/17/06-<1>	
0	(0)	X'1A8'	0	M00M0006	"FSCBPNPL" ++ UCBPIN NAME
424	(1A8)	DBL WORD	8	FSCBPNPL(0)	++ UCBPIN PARM LIST
424	(1A8)	BITSTRING	1	FSCBPNPL_XVERSION	++ INPUT XVERSION
425	(1A9)	BITSTRING	1	FSCBPNPL_XFLAGS	++ FIELD_LABEL
		1...		FSCBPNPL_KEYUSED_PIN	"B'10000000'" ++ KEYUSED.PIN KEYWORD
		.1..		FSCBPNPL_KEYUSED_UNPIN	"B'01000000'" ++ KEYUSED.UNPIN KEYWORD
		..1.		FSCBPNPL_KEYUSED_LASTING	"B'00100000'" ++ KEYUSED.LASTING KEYWORD
		...1		FSCBPNPL_KEYUSED_COMPID	"B'00010000'" ++ KEYUSED.COMPID KEYWORD
		.... 1...		FSCBPNPL_KEYUSED_HELP	"B'00001000'" ++ KEYUSED.HELP KEYWORD
		.... .1..		FSCBPNPL_KEYUSED_PINPATHS	"B'00000100'" ++ KEYUSED.PINPATHS KEYWORD

Table 203. Structure FSCBSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... ..1.		FSCBPNPL_KEYUSED_NOVAL	"B'00000010'" ++ KEYUSED.NOVAL KEYWORD
426	(1AA)	CHARACTER	5	FSCBPNPL_XCOMPID	++
431	(1AF)	CHARACTER	1	FSCBPNPL_XRESERVED1	++ FIELD_LABEL
432	(1B0)	ADDRESS	4	FSCBPNPL_XUCBPTR	++
436	(1B4)	ADDRESS	4	FSCBPNPL_XTEXT_ADDR	++ ADDR
440	(1B8)	SIGNED	4	FSCBPNPL_XTEXT_ALET	++ ALET
444	(1BC)	CHARACTER	8	FSCBPNPL_XPTOKEN	++
452	(1C4)	CHARACTER	8	FSCBPNPL_XHELP	++
460	(1CC)	ADDRESS	4	FSCBPNPL_XIOCTOKEN_ADDR	++ ADDR
464	(1D0)	SIGNED	4	FSCBPNPL_XIOCTOKEN_ALET	++ ALET
468	(1D4)	CHARACTER	10	FSCBPNPL_XRESERVED2	++ FIELD_LABEL
468	(1D4)	X'36'	0	FSCBPNPLL	"*-FSCBPNPL" ++ LENGTH OF PLIST
				UCBPIN-1	
0	(0)	X'36'	0	FSCBUPLN	"*-FSCBPNPL" UCBPIN list form length
478	(1DE)	CHARACTER	8	FSCBPTKN	UCBLOOK pin token
486	(1E6)	CHARACTER	58	FSCBPTXT(0)	UCBLOOK pin text
486	(1E6)	CHARACTER	26		Text placeholder
512	(200)	CHARACTER	8	FSCBPFSS	FSS name in pin text
520	(208)	CHARACTER	24		Remainder of text
544	(220)	SIGNED	4	FSCBUCB	UCBLOOK returned UCB
				TRACE RECORD BUILD AREA FOR LISTEN TASK USE	
548	(224)	SIGNED	4	FSCBTRAC(0)	TRACE RECORD BUILD AREA
548	(224)	CHARACTER	8	FSCBTMOD	MODULE NAME FOR TRACE 'IATFCLT' 'IATFCOR' 'IATFCPT'
556	(22C)	CHARACTER	8	FSCBTFUN	FUNCTION TRACED 'INIT' 'DEQ SRL' 'TERM' 'ESTAE' 'ORDER' 'POST'
564	(234)	SIGNED	4	FSCBTEND(0)	END OF BASIC TRACE RECORD
564	(234)	X'4'	0	FSCBTLEN	"(FSCBTEND-FSCBTRAC)/4" BASIC TRACE LENGTH IN WORDS
564	(234)	BITSTRING	68	FSCBTORD	ORDER FSIP TRACE AREA - INCLUDES FIRST 24 BYTES OF SPECIFIC ORDER FSIP
632	(278)	SIGNED	4	FSCBTOND(0)	END ORDER TRACE AREA
632	(278)	X'15'	0	FSCBTOLN	"(FSCBTOND-FSCBTRAC)/4" ORDER TRACE LENGTH IN WORDS
564	(234)	BITSTRING	36	FSCBTPOS	POST FSIP TRACE AREA
600	(258)	SIGNED	4	FSCBTPND(0)	END POST TRACE AREA
600	(258)	X'D'	0	FSCBTPLN	"(FSCBTPND-FSCBTRAC)/4" POST TRACE LENGTH IN WORDS
632	(278)	SIGNED	4	FSCBRATK	TOKEN FOR ATTACH RESMGR 0111
636	(27C)	ADDRESS	4	FSCBRMGR	ADDRESS OF JESXCF MAILBOX 0142 RESOURCE MGR RTN: IATSICD 0142
640	(280)	SIGNED	4	FSCBRSV2(2)	RESERVED FOR SERVICE
648	(288)	SIGNED	4	FSCBRSV3(2)	RESERVED FOR USER
656	(290)	DBL WORD	8	FSCBEND(0)	END OF FSCB
656	(290)	X'290'	0	FSCBLEN	"FSCBEND-FSCBSTRT" LENGTH OF FSCB

Table 204. Cross Reference for IATYFSCB

Name	Offset	Hex Tag
FSCBAM31	11	80
FSCBATRA	70	
FSCBCBSP	50	E6
FSCBCI	10	2
FSCBCNAM	7C	
FSCBCONN	D	80
FSCBDCON	D	40
FSCBDEST	C	
FSCBDLEN	A8	
FSCBDNAM	84	
FSCBEND	290	
FSCBETXR	6C	
FSCBFCTR	68	
FSCBFDAT	8	
FSCBFFSC	48	
FSCBFLG1	D	
FSCBFLG2	11	
FSCBFSAI	6	
FSCBFSBX	5C	
FSCBFSCL	4C	
FSCBFSID	4	
FSCBFSSI	4	
FSCBFSVL	40	
FSCBFSVT	3C	
FSCBFTYP	10	
FSCBID	0	
FSCBJDET	D	8
FSCBJFSC	44	
FSCBJXGT	8C	
FSCBJXMT	90	
FSCBLECB	98	
FSCBLEN	290	290
FSCBLKLN	0	54
FSCBLKPL	150	
FSCBLKPL_KEYUSED_COMPID	16A	8
FSCBLKPL_KEYUSED_DEVN	16A	80
FSCBLKPL_KEYUSED_DEVNCHAR	16A	40
FSCBLKPL_KEYUSED_HELP	16A	4
FSCBLKPL_KEYUSED_LASTING	16A	10
FSCBLKPL_KEYUSED_LDEVNCHAR	16B	20
FSCBLKPL_KEYUSED_PIN	16A	2
FSCBLKPL_KEYUSED_PINPATHS	16A	1
FSCBLKPL_KEYUSED_SCHSET	16B	10
FSCBLKPL_KEYUSED_UCBCXPTR	16B	80
FSCBLKPL_KEYUSED_UCBPXPTR	16B	40
FSCBLKPL_KEYUSED_VOLSER	16A	20

Table 204. Cross Reference for IATYFSCB (continued)

Name	Offset	Hex Tag
FSCBLKPL_XCOMPID	164	
FSCBLKPL_XDEVCLASS	15E	
FSCBLKPL_XDEVCLASS_DASD	15E	2
FSCBLKPL_XDEVCLASS_DASDTAPE	15E	0
FSCBLKPL_XDEVCLASS_TAPE	15E	1
FSCBLKPL_XDEVN	152	
FSCBLKPL_XDEVNCHAR	154	
FSCBLKPL_XDYNAMIC_NO	169	40
FSCBLKPL_XFLAGS	16A	
FSCBLKPL_XFLAGS2	16B	
FSCBLKPL_XHELP	17C	
FSCBLKPL_XIOCTOKEN_ADDR	184	
FSCBLKPL_XIOCTOKEN_ALET	188	
FSCBLKPL_XLDEVNCHAR	19C	
FSCBLKPL_XLOC_ANY	169	10
FSCBLKPL_XMASK	169	
FSCBLKPL_XNONBASE_YES	169	80
FSCBLKPL_XNOTFIND_YES	15F	80
FSCBLKPL_XPTOKEN	174	
FSCBLKPL_XRANGE_3DIGIT	169	20
FSCBLKPL_XRESERVED1	1A1	
FSCBLKPL_XRESERVED2	15F	
FSCBLKPL_XSCHSET	151	
FSCBLKPL_XSPECIAL_YES	169	8
FSCBLKPL_XTEXT_ADDR	16C	
FSCBLKPL_XTEXT_ALET	170	
FSCBLKPL_XUCBCXPTR	194	
FSCBLKPL_XUCBPAREA_ADDR	18C	
FSCBLKPL_XUCBPAREA_ALET	190	
FSCBLKPL_XUCBPTR	160	
FSCBLKPL_XUCBPXPTR	198	
FSCBLKPL_XUNBOUND_ALIAS_YES	169	1
FSCBLKPL_XVERSION	150	
FSCBLKPL_XVOLSER	158	
FSCBLKPLL	1A1	54
FSCBLTAB	F	4
FSCBLTAT	F	80
FSCBLTCB	A4	
FSCBLTCN	F	2
FSCBLTDT	F	8
FSCBLTFL	F	
FSCBLTIC	F	40
FSCBLTIT	A0	
FSCBLTND	F	10
FSCBLTTR	F	20
FSCBLVT	B0	

Table 204. Cross Reference for IATYFSCB (continued)

Name	Offset	Hex Tag
FSCBMEMH	54	
FSCBMFLG	13	
FSCBMFL2	38	
FSCBMSCI	24	
FSCBMSCS	13	40
FSCBMSG	60	
FSCBMSRC	14	
FSCBMSRS	13	80
FSCBMSR2	28	
FSCBMTMP	38	15
FSCBNAME	74	
FSCBOECB	9C	
FSCBORAC	E	80
FSCBPFSS	200	
FSCBPNPL	1A8	
FSCBPNPL_KEYUSED_COMPID	1A9	10
FSCBPNPL_KEYUSED_HELP	1A9	8
FSCBPNPL_KEYUSED_LASTING	1A9	20
FSCBPNPL_KEYUSED_NOVAL	1A9	2
FSCBPNPL_KEYUSED_PIN	1A9	80
FSCBPNPL_KEYUSED_PINPATHS	1A9	4
FSCBPNPL_KEYUSED_UNPIN	1A9	40
FSCBPNPL_XCOMPID	1AA	
FSCBPNPL_XFLAGS	1A9	
FSCBPNPL_XHELP	1C4	
FSCBPNPL_XIOCTOKEN_ADDR	1CC	
FSCBPNPL_XIOCTOKEN_ALET	1D0	
FSCBPNPL_XPTOKEN	1BC	
FSCBPNPL_XRESERVED1	1AF	
FSCBPNPL_XRESERVED2	1D4	
FSCBPNPL_XTEXT_ADDR	1B4	
FSCBPNPL_XTEXT_ALET	1B8	
FSCBPNPL_XUCBPTR	1B0	
FSCBPNPL_XVERSION	1A8	
FSCBPNPLL	1D4	36
FSCBPTAC	E	40
FSCBPTKN	1DE	
FSCBPTXT	1E6	
FSCBRATK	278	0
FSCBRMGR	27C	
FSCBRSFL	12	
FSCBRSF2	39	
FSCBRSV2	280	
FSCBRSV3	288	
FSCBSEL	D0	
FSCBSPDC	D	20

Table 204. Cross Reference for IATYFSCB (continued)

Name	Offset	Hex Tag
FSCBSRL	AC	
FSCBSSVT	58	
FSCBSTOP	D	10
FSCBSTRT	0	
FSCBTEND	234	
FSCBTERM	D	4
FSCBTFLG	E	
FSCBTFUN	22C	
FSCBTLEN	234	4
FSCBTMOD	224	
FSCBTOKN	50	
FSCBTOLN	278	15
FSCBTOND	278	
FSCBTORD	234	
FSCBTPLN	258	D
FSCBTPND	258	
FSCBTPOS	234	
FSCBTRAC	224	
FSCBUCB	220	
FSCBUPLN	0	36
FSCBWTR	10	1
FSCBXGFM	140	
FSCBXTRC	64	
M00M0003	0	150
M00M0006	0	1A8

IATYFSS information

IATYFSS programming interface information

IATYFSS is a programming interface.

IATYFSS heading information

Common name: FUNCTIONAL SUBSYSTEM TABLE

Macro ID: IATYFSS

DSECT name: FSSSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: FSS
Offset: 0
Length: 4

Storage attributes: Main Storage: JESPOOL (JES3 Private Area)
Auxiliary Storage: N/A

Size: 576 Bytes

Created by: IATINFS during JES3 global initialization

Pointed to by: IATYTVT FIELD TVTFSS
IATYFSS FIELD FSSCHAIN

Serialization: None

Function: Holds information needed by the JES3 global processor about a functional subsystem.

IATYFSS mapping

Table 205. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

Table 206. Structure FSSSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	FSSSTART	FUNCTIONAL SUBSYSTEM TABLE
0	(0)	CHARACTER	4	FSSID	CONTROL BLOCK ID
4	(4)	ADDRESS	4	FSSCHAIN	ADDRESS OF NEXT FSS TABLE
8	(8)	SIGNED	4	FSSFSID(0)	FUNCTIONAL SUBSYSTEM ID
8	(8)	SIGNED	2	FSSFSSID	FSS PORTION OF FSID
10	(A)	SIGNED	2	FSSFSAID	FSA PORTION OF FSID
12	(C)	CHARACTER	8	FSSNAME	EXTERNAL NAME OF FSS
20	(14)	ADDRESS	4	FSSFSAPT	ADDRESS OF FIRST FSA TABLE FOR THIS FSS
24	(18)	ADDRESS	4	FSSEXTPT	ADDR OF FSS TABLE EXTENSION
28	(1C)	ADDRESS	4	FSSFCTPT	ADDRESS OF OWNING FCT
32	(20)	ADDRESS	4	FSSECFPT	ADDRESS OF ECF TO POST WHEN STATUS CHANGES FOR MAIN PROC WHERE FSS IS RUNNING
36	(24)	BITSTRING	1	FSSECFMK	ECF MASK TO BE USED FOR STATUS CHANGE POST
37	(25)	BITSTRING	1	FSSINIT	INITIALIZATION PROCESSING FL
	DEFINITION OF FSSINIT				
		1...		FSSFSAMX	"X'80'" MORE DEVICES WERE DEFINED TO THIS FSS THAN CAN BE SUPPORTED
		.1..		FSSHOTST	"X'40'" The FSS address space stayed up across a JES3 hotstart
		..1.		FSSFCTAT	"X'20'" The FSS Controller FCT is attached
38	(26)	BITSTRING	1	FSSTYPE	FSS TYPE
	DEFINITION OF FSSTYPE				
38	(26)	X'1'	0	FSSWTR	"1" WTR FSS FOR AFP DEVICE
38	(26)	X'2'	0	FSSCI	"2" CI FSS FOR MVS CI, PRE-SCAN
39	(27)	BITSTRING	1	FSSREQ	SERVICE REQUEST FLAGS
	DEFINITION OF FSSREQ				
		1...		FSSAWAIT	"X'80'" AWAIT ALLOWED DURING FSS START-UP PROCESSING
		.1..		FSSDUMP	"X'40'" STOP FSS WITH A DUMP
		..1.		FSSTRMRQ	"X'20'" FSS TO BE TERMINATED BY *RETURN OR *DUMP
		...1		FSSRQFND	"X'10'" MATCHING RSQ FOUND DURING MAIN CONNECT PROCESSING

Table 206. Structure FSSSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		FSSALLOC	"X'08'" AN FSA DSP HAS ISSUED AN FSSSTART REQUEST
		.... .1..		FSSFCTAB	"X'04'" FSS ABEND REQUESTED BY OWNING FCT
		.... ..1.		FSSFSATM	"X'02'" AN FSA DSP UNDER THIS FSS TERMINATED
		1		FSSFSAAC	"X'01'" FSS HAS ONE FSA ACTIVE
40	(28)	SIGNED	4	FSSRSVD1(4)	RESERVED FOR DEVELOPMENT
56	(38)	SIGNED	4	FSSRSVD2(3)	RESERVED FOR SERVICE
68	(44)	BITSTRING	2	FSSRSVSA	Reserved for IBM
70	(46)	BITSTRING	1	FSSREQ2	Service Request Flags
	Definition of FSSREQ2				
		1...		FSSABTIM	"X'80'" ABEND timer requested
		.1..		FSSRQ240	"X'40'" Reserved bit for IBM
		..1.		FSSRQ220	"X'20'" Reserved bit for IBM
		...1		FSSRQ210	"X'10'" Reserved bit for IBM
		.... 1...		FSSRQ208	"X'08'" Reserved bit for IBM
		.... .1..		FSSRQ204	"X'04'" Reserved bit for IBM
		.... ..1.		FSSRQ202	"X'02'" Reserved bit for IBM
		1		FSSRQ201	"X'01'" Reserved bit for IBM
71	(47)	BITSTRING	1	FSSFLG1	FSS FLAG 1
	DEFINITION OF FSSFLG1				
		1...		FSSNODSQ	"X'80'" DYNAMIC DEST Q DELETED
		.1..		FSSDYNAD	"X'40'" The FSSDEF was added dynamically
		..1.		FSSDYNCA	"X'20'" The FSSDEF was added dynamically via current *F CONFIG command
		...1		FSSRSTCK	"X'10'" Information was restored from the FCK during a hot start or hot start with refresh
		.... 1...		FSSINHIB	"X'08'" Stop the FSS from becoming active during dynamic change processing
		.... .1..		FSSFL104	"X'04'" RESERVED FOR SERVICE
		.... ..1.		FSSFL102	"X'02'" RESERVED FOR SERVICE
		1		FSSFL101	"X'01'" RESERVED FOR SERVICE
72	(48)	SIGNED	4	FSSRSVD3(4)	RESERVED FOR USER
	START OF CHECKPOINTED SECTION OF FSS TABLE				
88	(58)	DBL WORD	8	FSSCKST(0)	START OF CHECKPOINTED SECT
88	(58)	BITSTRING	1	FSSOPTN	OPTIONS FROM FSSDEF OR *F,F,FSS=
	DEFINITION OF FSSOPTN				
		1...		FSSAUTO	"X'80'" START=YES SPECIFIED: START CI FSS WHEN REQUESTED MAIN CONNECTS
		.1..		FSSTERM	"X'40'" TERM=YES SPECIFIED: STOP FSS ON *DUMP OR *RETURN

Table 206. Structure FSSSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		FSSDYNQ	"X'20'" FSS USES DYNAMIC DESTQ
		...1		FSSFSARQ	"X'10'" FSA TABLE CONSTRUCTION REQUIRED
		.... 1...		FSSGLBL	"X'08'" FSS ASSIGNED TO RUN ON GLOBAL PROCESSOR
		.... .1..		FSSMDRC	"X'04'" FSS MESSAGE DEST CLASS REQUIRES CONVERSION TO EBCDIC FORM OF MCS R.C.
		.... ..1.		FSSSMSAC	"X'02'" SMS WAS ACTIVE AT THE TIME THE FSS WAS STARTED (C/I FSS'S ONLY)
		1		FSSUNUS	"X'01'" FSS UNUSABLE - INISH ERROR
89	(59)	BITSTRING	1	FSSSTAT1	FSS START-UP STATUS FLAGS
	DEFINITION OF FSSSTAT1				
		1...		FSSSTCMD	"X'80'" FSS START COMMAND ISSUED
		.1..		FSSSTRTD	"X'40'" FSS SUCCESSFULLY STARTED
		..1.		FSSTIMER	"X'20'" ATIME INTERVAL FOR START COMMAND HAS EXPIRED
		...1		FSSSFAIL	"X'10'" FSS START COMMAND FAILED
		.... 1...		FSSCONN	"X'08'" FSS-LEVEL CONNECT RECEIVED
		.... .1..		FSSRSTRT	"X'04'" FSS ACTIVE AT MAIN CONNECT
		.... ..1.		FSSOFSA	"X'02'" Only one FSA may operate under this FSS - set when message routing is not supported by the FSS
		1		FSS34D	"X'01'" FSS SUPPORTS 4-DIGIT DEVICE NUMBERS
90	(5A)	BITSTRING	1	FSSSTAT2	FSS SHUT-DOWN STATUS FLAGS
	DEFINITION OF FSSSTAT2				
		1...		FSSSTOP	"X'80'" STOP FSS ORDER SENT
		.1..		FSSCANC	"X'40'" MVS CANCEL COMMAND ISSUED
		..1.		FSSDCONN	"X'20'" FSS-LEVEL DISCON RECEIVED
		...1		FSSRSTRM	"X'10'" RESTARTABLE TYPE TERMINATION REQUEST. IF A C/I FSS HAS THE TERM=YES OPTION AND IS TERMINATED VIA AN *RETURN ETC. COMMAND, JES3 SHOULD RESTART THE FSS AFTER JES3 COMES UP
		.... 1...		FSSTIMRF	"X'08'" ATIME interval for *FAIL processing has expired
		.... ..1.		FSSIPL	"X'02'" FSS MAIN IPLED
		1		FSSFAIL	"X'01'" FSS FAILED/FLUSHED/IPLED OFF
91	(5B)	BITSTRING	1	FSSMSTAT	FSS MODIFY STATUS FLAGS
	DEFINITION OF FSSMSTAT				
		1...		FSSMPEND	"X'80'" MODIFY COMMAND PENDING
		.1..		FSSMDSPC	"X'40'" CI DSP CNT HAS BEEN MODIFIED
		..1.		FSSMMAST	"X'20'" CI MAX STATEMENT COUNT HAS BEEN MODIFIED

Table 206. Structure FSSSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description

```
 IATYCNDB_1:;
 START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  5647-A01 COPYRIGHT IBM CORP. 1989, 2010
  STATUS= HJS7770
  END_OF_PROPRIETARY_STATEMENT
    This data area is maintained as a CASE mapping macro.
    Changes should be made to the CASE source and then
    the PLX and Assembler should be regenerated.
    Do NOT make changes to the PLX or Assembler directly!
01 Descriptive Name: Console Destination Block
      Acronym: CNDB
01 Macro Name: IATYCNDB
01 DSECT name: IATYCNDB
       --based variable for storage mapping
01 Component: JES3 (SC1BA)
01 Function:
02 The console destination block is a control block that
      contains information related to the destination that
      messages should be sent to. This control block is built
      as commands are entered into to the system and is used by
      command processors as a destination for where to return
      messages to. The control block is imbeded in other
      control blocks and the size of the data area must not
      change (otherwise a JES3 cold start is required). The
      data is referenced by non-source maintained modules, so
      offsets into the data area must not change.
01 Eye-Catcher: CNDBEYE
02 Offset: 4
02 Length: 4
01 Language: PL/X
01 Storage attributes:
02 Allocation Method: Imbeded within other control blocks
02 Main Storage: 94
02 Virtual Storage: 94
02 Auxiliary Storage: 94
02 Subpool: n/a
02 Key: 1
02 Data Space: N/A
02 Residency: any
02 Frequency: n/a
02 Size: 94
02 Created by: n/a
02 Deleted by: n/a
02 Pointed to by: Imbeded within other control blocks
02 Serialization: none
```

```
01 EXTERNAL CLASSIFICATION: DMTI
01 END OF EXTERNAL CLASSIFICATION:
01 Method Of access:
02 ASM: IATYCNDB
02 PLX: %INCLUDE SYSLIB(IATYCNDB)
01 CHANGE ACTIVITY:
    $QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support
    $RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init
    $T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0
     CASE/390 - VERSION 49
 END OF SPECIFICATIONS
```

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
92	(5C)	SIGNED	4	FSSCNDBM(0)	IATYCNDB.27: based variable for storage mapping
92	(5C)	SIGNED	4		Four byte console id 0176
96	(60)	CHARACTER	4		IATYCNDB eyecatcher
100	(64)	ADDRESS	4		IATYCNDB version
104	(68)	BITSTRING	8		Reserved for development
112	(70)	BITSTRING	8		Console Name 0176
120	(78)	BITSTRING	24		Reserved for development
144	(90)	SIGNED	2		Reserved for development
146	(92)	BITSTRING	40		Reserved for development MODIFYING DESTINATION
186	(BA)	SIGNED	2	FSSJOBNC	Compatible with FSSJOBNO - see IATXJBNO macro

Table 206. Structure FSSSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
188	(BC)	SIGNED	2	FSSASID	ASID OF FSS ADDRESS SPACE
190	(BE)	SIGNED	2	FSSFSACT	MAXIMUM NUMBER OF FSAS
192	(C0)	SIGNED	2	FSSBATCT	NUMBER OF CI BATCH DSPS
194	(C2)	SIGNED	2	FSSDSLCT	NUMBER OF CI DEM SEL DSPS
196	(C4)	SIGNED	4	FSSMAXST	MAX NUMBER OF JCL STATEMENTS FOR CI FSS ADDRESS SPACE

```
 IATYCNDB_1:;
 START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  5647-A01 COPYRIGHT IBM CORP. 1989, 2010
  STATUS= HJS7770
  END_OF_PROPRIETARY_STATEMENT
    This data area is maintained as a CASE mapping macro.
    Changes should be made to the CASE source and then
    the PLX and Assembler should be regenerated.
    Do NOT make changes to the PLX or Assembler directly!
01 Descriptive Name: Console Destination Block
      Acronym: CNDB
01 Macro Name: IATYCNDB
01 DSECT name: IATYCNDB
       --based variable for storage mapping
01 Component: JES3 (SC1BA)
01 Function:
02 The console destination block is a control block that
      contains information related to the destination that
      messages should be sent to. This control block is built
      as commands are entered into to the system and is used by
      command processors as a destination for where to return
      messages to. The control block is imbeded in other
      control blocks and the size of the data area must not
      change (otherwise a JES3 cold start is required). The
      data is referenced by non-source maintained modules, so
      offsets into the data area must not change.
01 Eye-Catcher: CNDBEYE
02 Offset: 4
02 Length: 4
01 Language: PL/X
01 Storage attributes:
02 Allocation Method: Imbeded within other control blocks
02 Main Storage: 94
02 Virtual Storage: 94
02 Auxiliary Storage: 94
02 Subpool: n/a
02 Key: 1
02 Data Space: N/A
02 Residency: any
02 Frequency: n/a
02 Size: 94
02 Created by: n/a
02 Deleted by: n/a
02 Pointed to by: Imbeded within other control blocks
02 Serialization: none
```

```
01 EXTERNAL CLASSIFICATION: DMTI
01 END OF EXTERNAL CLASSIFICATION:
01 Method Of access:
02 ASM: IATYCNDB
02 PLX: %INCLUDE SYSLIB(IATYCNDB)
01 CHANGE ACTIVITY:
    $QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support
    $RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init
    $T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0
     CASE/390 - VERSION 49
 END OF SPECIFICATIONS
```

200	(C8)	SIGNED	4	FSSCNDB(0)	IATYCNDB.27: based variable for storage mapping
200	(C8)	SIGNED	4		Four byte console id 0176
204	(CC)	CHARACTER	4		IATYCNDB eyecatcher
208	(D0)	ADDRESS	4		IATYCNDB version
212	(D4)	BITSTRING	8		Reserved for development
220	(DC)	BITSTRING	8		Console Name 0176

Table 206. Structure FSSSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
228	(E4)	BITSTRING	24		Reserved for development
252	(FC)	SIGNED	2		Reserved for development
254	(FE)	BITSTRING	40		Reserved for development FSS RELATED MESSAGES
294	(126)	CHARACTER	8	FSSPROC	CATALOGUED PROCEDURE NAME
302	(12E)	CHARACTER	8	FSSMPROC	PROC NAME FOR PENDING MODIFY
310	(136)	CHARACTER	8	FSSSYS	MAIN PROC WHERE FSS RESIDES WITH CURRENT GLOBAL
		THE FOLLOWING TWO TABLES CONTAIN THE MAIN PROCESSOR ASSIGNMENTS FOR THIS FSS, BOTH CURRENT (FSSSYSID) AND PENDING (FSSMSYSI). THE MAIN PROCESSOR SEQUENCE NUMBER OF EACH PROCESSOR IN THE COMPLEX DETERMINES A POSITION WITHIN A TABLE; THE BYTE AT THAT POSITION CONTAINS THE SEQUENCE NUMBER OF THE PROCESSOR WHERE THE FSS IS ASSIGNED TO RUN WHEN THE POSITION-DETERMINING PROCESSOR IS THE GLOBAL. IF THE BYTE CONTAINS ZERO, NO ASSIGNMENT HAS BEEN MADE FOR THIS PROCESSOR AS GLOBAL, OR NO PROCESSOR EXISTS FOR THIS SEQUENCE NUMBER POSITION.				
318	(13E)	BITSTRING	1	FSSSYSID(0)	MPC ID'S FOR FSS RESIDENCE
350	(15E)	BITSTRING	1	FSSMSYSI(0)	MPC ID'S FOR PENDING MODIFY
IATYCNDB_1:;					
384	(180)	SIGNED	4	FSSMCNDB(0)	IATYCNDB.27: based variable for storage mapping
384	(180)	SIGNED	4		Four byte console id 0176
388	(184)	CHARACTER	4		IATYCNDB eyecatcher
392	(188)	ADDRESS	4		IATYCNDB version
396	(18C)	BITSTRING	8		Reserved for development
404	(194)	BITSTRING	8		Console Name 0176
412	(19C)	BITSTRING	24		Reserved for development
436	(1B4)	SIGNED	2		Reserved for development
438	(1B6)	BITSTRING	40		Reserved for development USED FOR MODIFY
478	(1DE)	BITSTRING	1	FSSSTAT3	FSS CONNECT STATUS FLAG
		The following two flags are mutually exclusive. If neither of the flags is on, this FSS cannot select output with IP destination.			
		1...		FSS3IP	"X'80'" This FSS selects only IP
		.1..		FSS3BOTH	"X'40'" This FSS selects both IP and non-IP
479	(1DF)	BITSTRING	1	FSSRSVDH	RESERVED FOR DEVELOPMENT
480	(1E0)	SIGNED	4	FSSJOBNO	Job number of FSS
484	(1E4)	SIGNED	4	FSSRSVD5	RESERVED FOR SERVICE
488	(1E8)	SIGNED	4	FSSRSVD6	RESERVED FOR USER
496	(1F0)	DBL WORD	8	FSSCKEND(0)	END OF CHECKPOINTED SECTION
496	(1F0)	X'198'	0	FSSCKLEN	"FSSCKEND-FSSCKST" LENGTH OF CHECKPOINTED SECT
		END OF CHECKPOINTED SECTION OF FSS TABLE			
496	(1F0)	CHARACTER	128	FSSMSGWK	IATGRFS MESSAGE BUILD WORK AREA

Table 206. Structure FSSSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
624	(270)	DBL WORD	8	FSSEND(0)	END OF FSS TABLE ENTRY
624	(270)	X'270'	0	FSSLEN	"FSSEND-FSSSTART" LENGTH OF FSS TABLE ENTRY
IATXFSS PROCESSING RETURN CODE EQUATES - NOTE THAT FOR ALL CASES, A RETURN CODE OF 4 INDICATES AN INVALID FSS TABLE ENTRY. IATXFSS START PROCESSING RETURN CODE EQUATES - IATGRFS THESE EQUATES ARE ALSO USED BETWEEN IATGRFC AND FSA DSPS.					
624	(270)	X'4'	0	FSSSTITE	"4" INVALID TABLE ENTRY ADDRESS
624	(270)	X'8'	0	FSSSTCKD	"8" FSS CHECKPOINT DISABLED DUE TO PREVIOUS ERROR
624	(270)	X'C'	0	FSSSTUFS	"12" UNUSABLE FSS
624	(270)	X'10'	0	FSSSTALS	"16" FSS ALREADY ACTIVE
624	(270)	X'14'	0	FSSSTNCO	"20" MAIN MPNAME NOT CONNECTED
624	(270)	X'18'	0	FSSSTFL	"24" MVS START COMMAND FAILED
624	(270)	X'1C'	0	FSSSTIPM	"28" INVALID PARAMETER STRING
624	(270)	X'20'	0	FSSSTUST	"32" NO STORAGE AVAILABLE
624	(270)	X'24'	0	FSSSTMPN	"36" MAIN PROCESSOR NOT FOUND
624	(270)	X'28'	0	FSSSTFLD	"40" FSS ADDRESS SPACE FAILED
624	(270)	X'2C'	0	FSSSTCAN	"44" FSS FAILED BY OPERATOR
624	(270)	X'30'	0	FSSSTAND	"48" FSS ABNORMAL DISCONNECT
624	(270)	X'34'	0	FSSN4DGT	"52" 4-DIGIT DEVICE NOT SUPPORTED
IATXFSS FSSSTART PROCESSING RETURN CODE EQUATES - IATGRFS IATXFSS FSSSTART ERROR RETURN EQUATES ARE THE SAME AS FOR IATXFSS START PROCESSING IATXFSS FSSSTART NORMAL RETURN					
624	(270)	X'0'	0	FSSFCFSA	"0" FSA START MAY BE ISSUED
624	(270)	X'4'	0	FSSFCAWT	"4" WAITING ON FSS CONNECT
624	(270)	X'8'	0	FSSFCRTY	"8" NORMAL FSS SHUTDOWN IN PROGRESS - RETRY LATER
IATXFSS CHKPT PROCESSING RETURN CODE EQUATES - IATGRFS					
624	(270)	X'4'	0	FSSCKITE	"4" INVALID TABLE ENTRY ADDRESS
624	(270)	X'8'	0	FSSCKCKD	"8" FSS CHECKPOINT DISABLED DUE TO PREVIOUS ERROR
624	(270)	X'C'	0	FSSCKLCP	"12" LOST FSS CHECKPOINT DATA
IATXFSS ABEND PROCESSING RETURN CODE EQUATES - IATGRFS					
624	(270)	X'4'	0	FSSABITE	"4" INVALID TABLE ENTRY ADDRESS
624	(270)	X'8'	0	FSSABALA	"8" FSS ALREADY STOPPED
624	(270)	X'C'	0	FSSABNCO	"12" MAIN PROCESSOR NOT CONNECTED
624	(270)	X'10'	0	FSSABMPN	"16" MAIN PROCESSOR NOT FOUND
IATXFSS CLEANUP PROCESSING RETURN CODE EQUATES - IATGRFS					
624	(270)	X'4'	0	FSSCLITE	"4" INVALID TABLE ENTRY ADDRESS
IATXFSS FSAPOST PROCESSING RETURN CODE EQUATES - IATGRFS					
624	(270)	X'4'	0	FSSAPITE	"4" INVALID TABLE ENTRY ADDRESS

Table 206. Structure FSSSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
624	(270)	X'8'	0	FSSAPNAF	"8" NO ACTIVE FSAS FOUND

Table 207. Cross Reference for IATYFSS

Name	Offset	Hex Tag
FSSABALA	270	8
FSSABITE	270	4
FSSABMPN	270	10
FSSABNCO	270	C
FSSABTIM	46	80
FSSALLOC	27	8
FSSAPITE	270	4
FSSAPNAF	270	8
FSSASID	BC	
FSSAUTO	58	80
FSSAWAIT	27	80
FSSBATCT	C0	
FSSCANC	5A	40
FSSCHAIN	4	
FSSCI	26	2
FSSCKCKD	270	8
FSSCKEND	1F0	
FSSCKITE	270	4
FSSCKLCP	270	C
FSSCKLEN	1F0	198
FSSCKST	58	
FSSCLITE	270	4
FSSCNDB	C8	
FSSCNDBM	5C	
FSSCONN	59	8
FSSDCONN	5A	20
FSSDSLCT	C2	
FSSDUMP	27	40
FSSDYNAD	47	40
FSSDYNCA	47	20
FSSDYNQ	58	20
FSSECFMK	24	
FSSECFPT	20	
FSSEND	270	
FSSEXTPT	18	
FSSFAIL	5A	1
FSSFCAWT	270	4
FSSFCFSA	270	0
FSSFCRTY	270	8
FSSFCTAB	27	4
FSSFCTAT	25	20

Table 207. Cross Reference for IATYFSS (continued)

Name	Offset	Hex Tag
FSSFCTPT	1C	
FSSFLG1	47	
FSSFL101	47	1
FSSFL102	47	2
FSSFL104	47	4
FSSFSAAC	27	1
FSSFSACT	BE	
FSSFSAID	A	
FSSFSAMX	25	80
FSSFSAPT	14	
FSSFSARQ	58	10
FSSFSATM	27	2
FSSFSID	8	
FSSFSSID	8	
FSSGLBL	58	8
FSSHOTST	25	40
FSSID	0	
FSSINHIB	47	8
FSSINIT	25	
FSSIPL	5A	2
FSSJOBNC	BA	
FSSJOBNO	1E0	
FSSLEN	270	270
FSSMAXST	C4	
FSSMCNDB	180	
FSSMDRC	58	4
FSSMDSPC	5B	40
FSSMMAST	5B	20
FSSMPEND	5B	80
FSSMPROC	12E	
FSSMSGWK	1F0	
FSSMSTAT	5B	
FSSMSYSI	15E	
FSSNAME	C	
FSSNODSQ	47	80
FSSN4DGT	270	34
FSSOFSA	59	2
FSSOPTN	58	
FSSPROC	126	
FSSREQ	27	
FSSREQ2	46	
FSSRQFND	27	10
FSSRQ201	46	1
FSSRQ202	46	2
FSSRQ204	46	4
FSSRQ208	46	8

Table 207. Cross Reference for IATYFSS (continued)

Name	Offset	Hex Tag
FSSRQ210	46	10
FSSRQ220	46	20
FSSRQ240	46	40
FSSRSTCK	47	10
FSSRSTRM	5A	10
FSSRSTRT	59	4
FSSRSVDH	1DF	
FSSRSVD1	28	
FSSRSVD2	38	
FSSRSVD3	48	
FSSRSVD5	1E4	
FSSRSVD6	1E8	
FSSRSVSA	44	
FSSSFAIL	59	10
FSSSMSAC	58	2
FSSSTALS	270	10
FSSSTAND	270	30
FSSSTART	0	
FSSSTAT1	59	
FSSSTAT2	5A	
FSSSTAT3	1DE	
FSSSTCAN	270	2C
FSSSTCKD	270	8
FSSSTCMD	59	80
FSSSTFL	270	18
FSSSTFLD	270	28
FSSSTIPM	270	1C
FSSSTITE	270	4
FSSSTMPN	270	24
FSSSTNCO	270	14
FSSSTOP	5A	80
FSSSTRTD	59	40
FSSSTUFS	270	C
FSSSTUST	270	20
FSSSYS	136	
FSSSYSID	13E	
FSSTERM	58	40
FSSTIMER	59	20
FSSTIMRF	5A	8
FSSTRMRQ	27	20
FSSTYPE	26	
FSSUNUS	58	1
FSSWTR	26	1
FSS3BOTH	1DE	40
FSS3IP	1DE	80
FSS34D	59	1

IATYGPW information

IATYGPW heading information

Common name:	General Purpose FCT Work Area
Macro ID:	IATYGPW
DSECT name:	GPWSTART
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	GPW Offset: 0 Length: 4
Storage attributes:	Main Storage: Any Subpool: 0 Key: 0
Size:	GPWSIZE bytes
Created by:	IATGRGPF
Pointed to by:	FCTATFPF in IATYFCT
Serialization:	None
Function:	This macro maps the information that is passed to the General Purpose FCT when an IATXGENF macro request is issued.

IATYGPW mapping

Table 208. Structure GPWSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	GPWSTART	, General Purpose FCT Work Area
0	(0)	CHARACTER	4	GPWID	Control Block Id
4	(4)	CHARACTER	16	GPWDESC	Function description
20	(14)	ADDRESS	4	GPWSTFCT	The FCT that issued the IATXGENF START request for this general purpose FCT
24	(18)	ADDRESS	4	GPWRTNAD	Address of the routine to get control
28	(1C)	ADDRESS	4	GPWRTYAD	Retry address
	Registers to be passed to the General Purpose FCT appendage routine.				
32	(20)	SIGNED	4	GPWREGS(14)	Registers to be passed to the General Purpose FCT
32	(20)	X'20'	0	GPWREG0	"GPWREGS+0,4" Register 0
32	(20)	X'24'	0	GPWREG1	"GPWREGS+4,4" Register 1
32	(20)	X'28'	0	GPWREG2	"GPWREGS+8,4" Registers 2
32	(20)	X'4C'	0	GPWREG11	"GPWREGS+44,4" Registers 11 - General Purpose FCT address
32	(20)	X'50'	0	GPWREG12	"GPWREGS+48,4" Registers 12 - TVT address
32	(20)	X'54'	0	GPWREG13	"GPWREGS+52,4" Registers 13
	ECF addresses and masks.				
88	(58)	ADDRESS	4	GPWNECFA	Normal ECF address
92	(5C)	ADDRESS	4	GPWEECFA	Error ECF address
96	(60)	BITSTRING	1	GPWNECFM	Normal ECF mask
97	(61)	BITSTRING	1	GPWEECFM	Error ECF mask

Table 208. Structure GPWSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
98	(62)	BITSTRING	9	GPWRSVD1	Reserved for IBM
		Flags. Definition of GPWFLAG1.			
107	(6B)	BITSTRING	1	GPWFLAG1	Flag one
		1...		GPWAPCAL	"X'80'" IATXGENF appendage routine was called
		.1..		GPWAPRET	"X'40'" IATXGENF appendage routine has returned
		..1.		GPWJESTE	"X'20'" JESTAE was entered
		...1		GPWRF110	"X'10'" Reserved flag
		.... 1...		GPWRF108	"X'08'" Reserved flag
		.... .1..		GPWRF104	"X'04'" Reserved flag
		.... ..1.		GPWRF102	"X'02'" Reserved flag
		1		GPWRF101	"X'01'" Reserved flag
		End of the GPW.			
112	(70)	DBL WORD	8	GPWEND(0)	End of GPW
112	(70)	X'70'	0	GPWSIZE	"GPWEND-GPWSTART" Size of GPW

Table 209. Cross Reference for IATYGPW

Name	Offset	Hex Tag
GPWAPCAL	6B	80
GPWAPRET	6B	40
GPWDESC	4	40404040
GPWEECFA	5C	
GPWEECFM	61	0
GPWEND	70	
GPWFLAG1	6B	0
GPWID	0	C7D7E640
GPWJESTE	6B	20
GPWNECFA	58	
GPWNECFM	60	0
GPWREGS	20	
GPWREG0	20	20
GPWREG1	20	24
GPWREG11	20	4C
GPWREG12	20	50
GPWREG13	20	54
GPWREG2	20	28
GPWRF101	6B	1
GPWRF102	6B	2
GPWRF104	6B	4
GPWRF108	6B	8
GPWRF110	6B	10
GPWRSVD1	62	0
GPWRTNAD	18	

Table 209. Cross Reference for IATYGPW (continued)

Name	Offset	Hex Tag
GPWRTYAD	1C	
GPWSIZE	70	70
GPWSTART	0	
GPWSTFCT	14	

IATYGRSP information

IATYGRSP heading information

Common name: Common JESMSGLG/JESYSMSG Spinoff Data Area

Macro ID: IATYGRSP

DSECT name: GRSPSTRT

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Auxiliary Storage: N/A
Subpool: 230

Size: GRSPSIZE

Created by: IATGRSP

Pointed to by: IATGRSP mainline register

Serialization: NONE

Function: This data area maps the work area for module IATGRSP.

IATYGRSP mapping

Table 210. Structure GRSPSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	GRSPSTRT	
0	(0)	CHARACTER	8	GRSPID	Control block identifier 4#15606T6D
8	(8)	SIGNED	4	GRSPRSV1	Reserved for development 15606T6C
12	(C)	SIGNED	4	GRSPWALN	Work area length
16	(10)	ADDRESS	4	GRSPJIB	Pointer to JIB
20	(14)	ADDRESS	4	GRSPJSP	Pointer to JSP
24	(18)	ADDRESS	4	GRSPSVT	Pointer to SVT
28	(1C)	ADDRESS	4	GRSPRAB	Pointer to RAB
32	(20)	ADDRESS	4	GRSPACB	Pointer to ACB
36	(24)	ADDRESS	4	GRSPDEB	Pointer to DEB
40	(28)	ADDRESS	4	GRSPMEM	MEM address
44	(2C)	ADDRESS	4	GRSPDSS	DSS address 0094
48	(30)	ADDRESS	4	GRSPDSB	DSB address 0094
52	(34)	ADDRESS	4	GRSPDMC	DMC address 0094
56	(38)	ADDRESS	4	GRSPDFRR	DSS FRR parm address save area
60	(3C)	ADDRESS	4	GRSPOTCB	DSS old TCB address save area
64	(40)	ADDRESS	4	GRSPPTCB	DSB old jobstep task TCB save area
68	(44)	ADDRESS	4	GRSPFTCB	DSB TCB associated with the DAT/DMC storage save area
72	(48)	SIGNED	4	GRSPECB	ECB used in SSISERV

Table 210. Structure GRSPSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
76	(4C)	ADDRESS	4	GRSPDMCB	Begin address of DMC buffer pool from DSB
80	(50)	ADDRESS	4	GRSPDMCE	End address of DMC buffer pool from DSB
84	(54)	ADDRESS	4	GRSPYSJM	Pointer to IATYSSJM 0108
88	(58)	ADDRESS	4	GRSPJLSI	JLSI address 15606T6A
92	(5C)	SIGNED	4	GRSPABSV(16)	Abend registers save area 15606T6A
160	(A0)	DBL WORD	8	(0)	Alignment
160	(A0)	DBL WORD	8	GRSPSTCK	STCK work area
160	(A0)	X'A0'	0	GRSPSTCF	"GRSPSTCK,4" First word of GRSPSTCK 15606T6A 3#0104
	Definition for GRSPFLG1				
168	(A8)	BITSTRING	1	GRSPFLG1	Flag byte
		1...		GRSPJINP	"X'80'" Input dataset is JESMSGLG
		.1..		GRSPSINP	"X'40'" Input dataset is JESYSMSG
		..1.		GRSPPRJM	"X'20'" Processing JESMSGLG
		...1		GRSPPRSM	"X'10'" Processing JESYSMSG
		.... 1...		GRSPOTDS	"X'08'" Other dataset processed
		.... .1..		GRSPLKUB	"X'04'" UBUF locked in GRSP
		.... ..1.		GRSPFULK	"X'02'" Request to free UBUF lock
		1		GRSPCMSP	"X'01'" Spinoff via op command
	Definition for GRSPFLG2 0				
169	(A9)	BITSTRING	1	GRSPFLG2	Flag byte 0094
		1...		GRSPDFR	"X'80'" Deferred spinoff request 0094
		.1..		GRSPMEML	"X'40'" MEM job level lock 0094
		..1.		GRSPINTR	"X'20'" Initial request 0094
		...1		GRSPRECV	"X'10'" ESTAE issued 0094
		.... 1...		GRSPRECR	"X'08'" Recursive abend 0094
		.... .1..		GRSPCMD	"X'04'" Op command initiated 0094
		.... ..1.		GRSPF202	"X'02'" Reserved for IBM
		1		GRSPRCD0	"X'01'" Too late to send JIB 0094
170	(AA)	BITSTRING	2	GRSPRSV2	Reserved for IBM 0094
	Time work area for IATSSJM invocation 0				
172	(AC)	BITSTRING	5	GRSPTMWK(0)	Local TOD structure 0104
172	(AC)	SIGNED	4	GRSPTMFW(0)	Work area for HHMMSSTH 0104
172	(AC)	BITSTRING	1	GRSPTMHH	Hours 0104
173	(AD)	BITSTRING	1	GRSPTMMM	Minutes 0104
174	(AE)	BITSTRING	1	GRSPTMSS	Seconds 0104
175	(AF)	BITSTRING	1	GRSPTMTH	Tenths of second and 0104 hundredths of seconds 0104 after unpacking this area 0104 into GRSPTMPR, hundredths 0104 of seconds is overlayed 0104 by a decimal sign. 0104
176	(B0)	BITSTRING	1	GRSPTMSN	Sign byte for unpacking 0104
177	(B1)	CHARACTER	9	GRSPTMPR	HHMMSSTH (Printable) 0104 5#0104

Table 210. Structure GRSPSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		Internal trace to provide footprints of JESlog spinoff processing.			
188	(BC)	SIGNED	4	(0)	Align trace on fullword
188	(BC)	CHARACTER	8	GRSPTRID	Trace identifier
196	(C4)	BITSTRING	60	GRSPTRCE	Internal trace
196	(C4)	X'1'	0	SPTR0000	"01" Trace element
196	(C4)	X'2'	0	SPTR0010	"02" Trace element
196	(C4)	X'A'	0	SPTR1000	"10" Trace element
196	(C4)	X'B'	0	SPTR1010	"11" Trace element
196	(C4)	X'C'	0	SPTR1020	"12" Trace element
196	(C4)	X'14'	0	SPTR1100	"20" Trace element
196	(C4)	X'15'	0	SPTR1200	"21" Trace element
196	(C4)	X'16'	0	SPTR1300	"22" Trace element
196	(C4)	X'17'	0	SPTR1400	"23" Trace element
196	(C4)	X'18'	0	SPTR1500	"24" Trace element
196	(C4)	X'1E'	0	SPTR2000	"30" Trace element
196	(C4)	X'1F'	0	SPTR2100	"31" Trace element
196	(C4)	X'20'	0	SPTR2200	"32" Trace element
196	(C4)	X'21'	0	SPTR2300	"33" Trace element
196	(C4)	X'22'	0	SPTR2400	"34" Trace element
196	(C4)	X'28'	0	SPTR3000	"40" Trace element
196	(C4)	X'29'	0	SPTR3100	"41" Trace element
196	(C4)	X'2A'	0	SPTR3200	"42" Trace element
196	(C4)	X'32'	0	SPTR4000	"50" Trace element
		1...		SPTRJ100	"X'80'" Trace element 8#0104
256	(100)	SIGNED	4	(0)	Align SEL on fullword
		Service Entrance List			
256	(100)	BITSTRING	1	GRSPSEL	SSISERV Service Entrance 7#15606T6D
		SDUMPX Parameter List. 0 GRSPDMPL SDUMPX MF=L, 0			
368	(170)	SIGNED	4	GRSPDMPL(0)	SDUMP PARAMETER LIST
368	(170)	ADDRESS	1		FLAG BYTE
369	(171)	ADDRESS	1		FLAG BYTE
370	(172)	ADDRESS	1		FLAG BYTE
371	(173)	ADDRESS	1		FLAG BYTE
372	(174)	ADDRESS	4		ADDRESS OF DCB
376	(178)	ADDRESS	4		ADDRESS OF STORAGE LIST
380	(17C)	ADDRESS	4		ADDRESS OF USER DATA
384	(180)	ADDRESS	4		ADDRESS OF ECB/SRB
388	(184)	ADDRESS	2		CURRENT ASID
390	(186)	ADDRESS	2		OTHER ASID
392	(188)	ADDRESS	4		ADDRESS OF ASID LIST
396	(18C)	ADDRESS	4		ADDRESS OF SUMLIST/SUMLSTA LIST

Table 210. Structure GRSPSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
400	(190)	ADDRESS	4		RESERVED
404	(194)	ADDRESS	4		RESERVED
408	(198)	ADDRESS	1		FLAG BYTE
409	(199)	ADDRESS	1		CONTROL FLAG BYTE
410	(19A)	ADDRESS	1		TYPE FLAG BYTE
411	(19B)	ADDRESS	1		VERSION
412	(19C)	ADDRESS	1		EXIT FLAG BYTE
413	(19D)	ADDRESS	1		EXIT FLAG BYTE
414	(19E)	ADDRESS	1		SDATA OPTIONS
415	(19F)	ADDRESS	1		RESERVED SDATA OPTIONS
416	(1A0)	ADDRESS	4		ADDRESS OF SUBPLST
420	(1A4)	ADDRESS	4		ADDRESS OF KEYLIST
424	(1A8)	ADDRESS	4		RESERVED
428	(1AC)	ADDRESS	4		ALET OF DCB PARAMETER
432	(1B0)	ADDRESS	4		ALET OF STORAGE PARAM
436	(1B4)	ADDRESS	4		ALET OF HDR PARAMETER
440	(1B8)	ADDRESS	4		ALET OF ASIDLST PARAM
444	(1BC)	ADDRESS	4		ALET OF SUMLIST PARAM
448	(1C0)	ADDRESS	4		ALET OF SUBPLST PARAM
452	(1C4)	ADDRESS	4		ALET OF KEYLIST PARAM
456	(1C8)	ADDRESS	4		No LIST64/LISTD
460	(1CC)	ADDRESS	4		No ALET for LISTD/LIST64
464	(1D0)	ADDRESS	4		No SUMLSTL or SUMLIST64
468	(1D4)	ADDRESS	4		ALET SUMLSTL or SUMLIST64
472	(1D8)	ADDRESS	4	(2)	RESERVED 0094
				---------- 15606T6A DSB copy used for clear and restore 15606T6A ---------- 15606T6A	
480	(1E0)	BITSTRING	384	GRSPDSBC	DSB copy area 15606T6A
864	(360)	SIGNED	4	GRSPRGSV(15)	Register save area
924	(39C)	SIGNED	4	GRSPSAVL(15)	SPGETLK/SPRELLK save area 15606T6A
				End of data area.	
924	(39C)	X'3D8'	0	GRSPEND	"*" End of GRSP
924	(39C)	X'3D8'	0	GRSPSIZE	"GRSPEND-GRSPSTRT" Size of GRSP
				IATYGRSP PREVIOUSLY GENERATED	

Table 211. Cross Reference for IATYGRSP

Name	Offset	Hex Tag
GRSPABSV	5C	
GRSPACB	20	
GRSPCMD	A9	4
GRSPCMSP	A8	1
GRSPDEB	24	

Table 211. Cross Reference for IATYGRSP (continued)

Name	Offset	Hex Tag
GRSPDFR	A9	80
GRSPDFRR	38	
GRSPDMC	34	
GRSPDMCB	4C	
GRSPDMCE	50	
GRSPDMPL	170	
GRSPDSB	30	
GRSPDSBC	1E0	
GRSPDSS	2C	
GRSPECB	48	
GRSPEND	39C	3D8
GRSPFLG1	A8	0
GRSPFLG2	A9	0
GRSPFTCB	44	
GRSPFULK	A8	2
GRSPF202	A9	2
GRSPID	0	C9C1E3E8
GRSPINTR	A9	20
GRSPJIB	10	
GRSPJINP	A8	80
GRSPJLSI	58	
GRSPJSP	14	
GRSPLKUB	A8	4
GRSPMEM	28	
GRSPMEML	A9	40
GRSPOTCB	3C	
GRSPOTDS	A8	8
GRSPPRJM	A8	20
GRSPPRSM	A8	10
GRSPPTCB	40	
GRSPRAB	1C	
GRSPRCD0	A9	1
GRSPRECR	A9	8
GRSPRECV	A9	10
GRSPRGSV	360	0
GRSPRSV1	8	0
GRSPRSV2	AA	
GRSPSAVL	39C	0
GRSPSEL	100	
GRSPSINP	A8	40
GRSPSIZE	39C	3D8
GRSPSTCF	A0	A0
GRSPSTCK	A0	
GRSPSTRT	0	
GRSPSVT	18	
GRSPTMFW	AC	

Table 211. Cross Reference for IATYGRSP (continued)

Name	Offset	Hex Tag
GRSPTMHH	AC	0
GRSPTMMM	AD	0
GRSPTMPR	B1	40404040
GRSPTMSN	B0	F
GRSPTMSS	AE	0
GRSPTMTH	AF	0
GRSPTMWK	AC	
GRSPTRCE	C4	0
GRSPTRID	BC	C7D9E2D7
GRSPWALN	C	0
GRSPYSJM	54	
SPTRJ100	C4	80
SPTR0000	C4	1
SPTR0010	C4	2
SPTR1000	C4	A
SPTR1010	C4	B
SPTR1020	C4	C
SPTR1100	C4	14
SPTR1200	C4	15
SPTR1300	C4	16
SPTR1400	C4	17
SPTR1500	C4	18
SPTR2000	C4	1E
SPTR2100	C4	1F
SPTR2200	C4	20
SPTR2300	C4	21
SPTR2400	C4	22
SPTR3000	C4	28
SPTR3100	C4	29
SPTR3200	C4	2A
SPTR4000	C4	32

IATYG004 information

IATYG004 heading information

Common name: JES3 GTF Record - Subtype 04

Macro ID: IATYG004

DSECT name: G004STRT

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Main Storage: Any
Subpool: 0
Key: 1

Size: G004LEN bytes

Created by: IATNTTTR

Pointed to by: None

Serialization: None

Function: This macro maps the subtype 04 JES3 GTF record. This record gets created when a Netserv or Socket level activity traced by IAZNJTCP causes the JES3 trace exit in IATNTTXR to get called.

IATYG004 mapping

Table 212. Structure G004STRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	G004STRT	, GTF Record Subtype 04
		Fixed Section of Trace Record. Note: This section must not change from release to release or via an APAR.			
0	(0)	X'4'	0	G004TYPE	"04" Record type
0	(0)	SIGNED	2	G004REL	Release indicator
0	(0)	X'1'	0	G004CURR	"G004730" Current release indicator
0	(0)	X'1'	0	G004730	"1" HJS7730 indicator
2	(2)	SIGNED	2	G004VER	Version indicator
2	(2)	X'1'	0	G004CURV	"G004V001" Current version indicator
2	(2)	X'1'	0	G004V001	"1" Initial version
4	(4)	CHARACTER	8	G004ORIG	System name where GTF record was written
		Data prefix section of Trace Record. This section can be changed from release to release or via APAR as long as you update the release or version indicators in the fixed section. The overall length of the record must not exceed 8192 (x'2000') including the fixed and prefix sections. If longer records need to be written, they must be split into continuation records.			
12	(C)	CHARACTER	8	G004RNAM	Record name (indicates Netserv or socket for the trace level, and I (internal) or J (JES)
20	(14)	CHARACTER	8	G004SOCK	Socket name, blank if this is a Netserv level trace
28	(1C)	BITSTRING	1	G004TRFG	Flags (from IAZYTPRM -> TPRMTRFG)
29	(1D)	BITSTRING	1	G004JTF1	JES3 specific trace flags 1
		1...		G004CONT	"X'80'" Record is a continuation
		.1..		G004R040	"X'40'" Reserved for IBM
		..1.		G004R020	"X'20'" Reserved for IBM
		...1		G004R010	"X'10'" Reserved for IBM
		.... 1...		G004R008	"X'08'" Reserved for IBM
		.... .1..		G004R004	"X'04'" Reserved for IBM
		.... ..1.		G004R002	"X'02'" Reserved for IBM
		1		G004R001	"X'01'" Reserved for IBM
30	(1E)	SIGNED	2	G004TRLN	Length (from IAZYTPRM -> TPRMTRLN)
30	(1E)	X'20'	0	G004FSIZ	"*-G004STRT" Size of record up to data
30	(1E)	X'1FD8'	0	G004MXAV	"(8192-G004FSIZ-GTRCHLEN)" Maximum data size
32	(20)	BITSTRING	1	G004DATA	Trace data
		End of GTF record.			

Table 212. Structure G004STRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
8184	(1FF8)	BITSTRING	1	G004END(0)	End of GTF record
8184	(1FF8)	X'1FF8'	0	G004LEN	"G004END-G004STRT" Size of GTF record

Table 213. Cross Reference for IATYG004

Name	Offset	Hex Tag
G004CONT	1D	80
G004CURR	0	1
G004CURV	2	1
G004DATA	20	
G004END	1FF8	
G004FSIZ	1E	20
G004JTF1	1D	
G004LEN	1FF8	1FF8
G004MXAV	1E	1FD8
G004ORIG	4	
G004REL	0	
G004RNAM	C	
G004R001	1D	1
G004R002	1D	2
G004R004	1D	4
G004R008	1D	8
G004R010	1D	10
G004R020	1D	20
G004R040	1D	40
G004SOCK	14	
G004STRT	0	
G004TRFG	1C	
G004TRLN	1E	
G004TYPE	0	4
G004VER	2	
G004V001	2	1
G004730	0	1

IATYG007 information

IATYG007 heading information

Common name: JES3 GTF Record - Subtype 7

Macro ID: IATYG007

DSECT name: G007STRT

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Main Storage: Any
Subpool: 0
Key: 0

Size: G007LEN bytes

Created by: IATSIAD

Pointed to by: None

Serialization: None

Function: This macro maps the subtype 7 JES3 GTF record. This record gets created when a multiple-buffer input data set is unallocated.

IATYG007 mapping

Table 214. Structure G007STRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	G007STRT	, GTF Record Subtype 7
		Fixed Section of Trace Record. Note: This section mapping must not change from release to release or via an APAR.			
0	(0)	X'7'	0	G007TYPE	"07" Record type
0	(0)	SIGNED	2	G007REL	Release indicator
0	(0)	X'1'	0	G007CURR	"G007740" Current release indicator
0	(0)	X'1'	0	G007740	"1" HJS7740 indicator
2	(2)	SIGNED	2	G007VER	Version indicator
2	(2)	X'1'	0	G007CURV	"G007V001" Current version indicator
2	(2)	X'1'	0	G007V001	"1" Initial version
4	(4)	CHARACTER	8	G007ORIG	System name where GTF record was written
		Data prefix section of Trace Record. This section can be changed from release to release or via APAR as long as you update the release or version indicators in the fixed section. The overall length of the record must not exceed 8192 (x'2000') including the fixed and prefix sections. If longer records need to be written, they must be split into continuation records.			
12	(C)	CHARACTER	8	G007JNAM	Job name
20	(14)	CHARACTER	8	G007JID	Job id
28	(1C)	CHARACTER	8	G007DDNM	DD name
36	(24)	SIGNED	4	G007JNUM	Job number of processed job if SAPI/PSO request
40	(28)	SIGNED	4	G007BWST	Cumulative count of wasted read buffers. Those buffers contained data from other files.
44	(2C)	BITSTRING	1	G007BUFN	Number of buffers defined
45	(2D)	BITSTRING	1	G007BALC	Buffers currently allocated
46	(2E)	BITSTRING	1	G007BUSD	Buffers currently used
47	(2F)	BITSTRING	1	G007BHWA	High-water mark for alloc. buffers
48	(30)	BITSTRING	1	G007BHWU	High-water mark for used buffers
49	(31)	BITSTRING	1	G007RSV1(3)	Reserved for IBM
52	(34)	SIGNED	4	G007RSV2	Reserved for IBM
52	(34)	X'38'	0	G007FSIZ	"*-G007STRT" Size of record up to data
		End of GTF record.			
56	(38)	BITSTRING	1	G007END(0)	End of GTF record
56	(38)	X'38'	0	G007LEN	"G007END-G007STRT" Size of GTF record

Table 215. Cross Reference for IATYG007

Name	Offset	Hex Tag
G007BALC	2D	
G007BHWA	2F	
G007BHWU	30	
G007BUFN	2C	
G007BUSD	2E	
G007BWST	28	
G007CURR	0	1
G007CURV	2	1
G007DDNM	1C	
G007END	38	
G007FSIZ	34	38
G007JID	14	
G007JNAM	C	
G007JNUM	24	
G007LEN	38	38
G007ORIG	4	
G007REL	0	
G007RSV1	31	
G007RSV2	34	
G007STRT	0	
G007TYPE	0	7
G007VER	2	
G007V001	2	1
G007740	0	1

IATYG014 information

IATYG014 heading information

Common name: JES3 GTF Record - Subtype 14

Macro ID: IATYG014

DSECT name: G014STRT

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Main Storage: Any
Subpool: 0
Key: 1

Size: G014LEN bytes

Created by: IATMSEWL

Pointed to by: None

Serialization: None

Function: This macro maps the subtype 14 JES3 GTF record.

IATYG014 mapping

Table 216. Structure G014STRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	G014STRT	, GTF Record Subtype 14
		Fixed Section of Trace Record. Note: This section must not change from release to release or via an APAR.			
0	(0)	X'E'	0	G014TYPE	"14" Record type
0	(0)	SIGNED	2	G014REL	Release indicator
0	(0)	X'1'	0	G014CURR	"G014606" Current release indicator
0	(0)	X'1'	0	G014606	"1" HJS6606 indicator
2	(2)	SIGNED	2	G014VER	Version indicator
2	(2)	X'1'	0	G014CURV	"G014V001" Current version indicator
2	(2)	X'1'	0	G014V001	"1" Initial version
4	(4)	CHARACTER	8	G014ORIG	System name where GTF record was written
		This section can be changed from release to release or via APAR as long as you update the release or version indicators in the fixed section.			
12	(C)	CHARACTER	12	G014RNAM	Record name (WLMENF)
24	(18)	CHARACTER	8	G014SYSN	System name associated with with the event
32	(20)	SIGNED	4	G014ECOD	Event code
36	(24)	SIGNED	4	G014EQAL	Event qualifier
40	(28)	BITSTRING	8	G014TIME	Time stamp
48	(30)	ADDRESS	4	G014MWEV	MDS WEV address (if one was created)
52	(34)	ADDRESS	4	G014GWEV	GMS WEV address (if one was created)
56	(38)	BITSTRING	1	G014WEVT	WEV type if a WEV was created
57	(39)	BITSTRING	7	G014RSVD	Reserved for dev/service
		Start of event specific information.			
64	(40)	BITSTRING	32	G014SPEC	Event specific info
		Scheduling environment available/unavailable specific information.			
64	(40)	CHARACTER	16	G014SCHE	Scheduling environment
		Reset service class specific information.			
64	(40)	CHARACTER	8	G014JNAM	Job name
72	(48)	CHARACTER	8	G014JBID	Job id
80	(50)	BITSTRING	8	G014STKN	STOKEN of address space
		End of GTF record.			
96	(60)	BITSTRING	1	G014END(0)	End of GTF record
96	(60)	X'60'	0	G014LEN	"G014END-G014STRT" Size of GTF record

Table 217. Cross Reference for IATYG014

Name	Offset	Hex Tag
G014CURR	0	1
G014CURV	2	1
G014ECOD	20	
G014END	60	
G014EQAL	24	
G014GWEV	34	
G014JBID	48	
G014JNAM	40	
G014LEN	60	60
G014MWEV	30	
G014ORIG	4	
G014REL	0	
G014RNAM	C	
G014RSVD	39	
G014SCHE	40	
G014SPEC	40	
G014STKN	50	
G014STRT	0	
G014SYSN	18	
G014TIME	28	
G014TYPE	0	E
G014VER	2	
G014V001	2	1
G014WEVT	38	
G014606	0	1

IATYG015 information

IATYG015 heading information

Common name: JES3 GTF Record - Subtype 15

Macro ID: IATYG015

DSECT name: G015STRT

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Main Storage: Any
Subpool: 0
Key: 1

Size: G015LEN bytes

Created by: IATMDWLE

Pointed to by: None

Serialization: None

Function: This macro maps the subtype 15 JES3 GTF record.

IATYG015 mapping

Table 218. Structure G015STRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	G015STRT	, GTF Record Subtype 15
		Fixed Section of Trace Record. Note: This section must not change from release to release or via an APAR.			
0	(0)	X'F'	0	G015TYPE	"15" Record type
0	(0)	SIGNED	2	G015REL	Release indicator
0	(0)	X'1'	0	G015CURR	"G015606" Current release indicator
0	(0)	X'1'	0	G015606	"1" HJS6606 indicator
2	(2)	SIGNED	2	G015VER	Version indicator
2	(2)	X'1'	0	G015CURV	"G015V001" Current version indicator
2	(2)	X'1'	0	G015V001	"1" Initial version
4	(4)	CHARACTER	8	G015ORIG	System name where GTF record was written
		This section can be changed from release to release or via APAR as long as you update the release or version indicators in the fixed section.			
12	(C)	CHARACTER	12	G015RNAM	Record name
24	(18)	CHARACTER	8	G015SYSN	System name associated with with the event
32	(20)	ADDRESS	4	G015FCTA	FCT address
36	(24)	ADDRESS	4	G015WEVA	WEV address
40	(28)	BITSTRING	8	G015TIME	Time stamp
48	(30)	BITSTRING	1	G015WTYP	WLM event type (WEVTYPE)
49	(31)	BITSTRING	7	G015RSVD	Reserved for dev/service
		Start of event specific information.			
56	(38)	BITSTRING	32	G015SPEC	Event specific info
		Scheduling environment available/unavailable specific information.			
56	(38)	CHARACTER	16	G015SCHE	Scheduling environment
		End of GTF record.			
88	(58)	BITSTRING	1	G015END(0)	End of GTF record
88	(58)	X'58'	0	G015LEN	"G015END-G015STRT" Size of GTF record

Table 219. Cross Reference for IATYG015

Name	Offset	Hex Tag
G015CURR	0	1
G015CURV	2	1
G015END	58	
G015FCTA	20	
G015LEN	58	58
G015ORIG	4	
G015REL	0	

Table 219. Cross Reference for IATYG015 (continued)

Name	Offset	Hex Tag
G015RNAM	C	
G015RSVD	31	
G015SCHE	38	
G015SPEC	38	
G015STRT	0	
G015SYSN	18	
G015TIME	28	
G015TYPE	0	F
G015VER	2	
G015V001	2	1
G015WEVA	24	
G015WTYP	30	
G015606	0	1

IATYG016 information

IATYG016 heading information

Common name: JES3 GTF Record - Subtype 16

Macro ID: IATYG016

DSECT name: G016STRT

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Main Storage: Any
Subpool: 0
Key: 1

Size: G016LEN bytes

Created by: IATMDWLE

Pointed to by: None

Serialization: None

Function: This macro maps the subtype 16 JES3 GTF record.

IATYG016 mapping

Table 220. Structure G016STRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	G016STRT	, GTF Record Subtype 16
		Fixed Section of Trace Record. Note: This section must not change from release to release or via an APAR.			
0	(0)	X'10'	0	G016TYPE	"16" Record type
0	(0)	SIGNED	2	G016REL	Release indicator
0	(0)	X'1'	0	G016CURR	"G016606" Current release indicator
0	(0)	X'1'	0	G016606	"1" HJS6606 indicator
2	(2)	SIGNED	2	G016VER	Version indicator
2	(2)	X'1'	0	G016CURV	"G016V001" Current version indicator
2	(2)	X'1'	0	G016V001	"1" Initial version

Table 220. Structure G016STRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
4	(4)	CHARACTER	8	G016ORIG	System name where GTF record was written
This section can be changed from release to release or via APAR as long as you update the release or version indicators in the fixed section.					
12	(C)	CHARACTER	12	G016RNAM	Record name
24	(18)	CHARACTER	8	G016SYSN	System name associated with with the event
32	(20)	ADDRESS	4	G016FCTA	FCT address
36	(24)	ADDRESS	4	G016WEVA	WEV address
40	(28)	BITSTRING	8	G016TIME	Time stamp (from the WEV)
48	(30)	BITSTRING	1	G016WTYP	WLM event type (from the WEV)
49	(31)	BITSTRING	3	G016RSV1	Reserved for dev/service
52	(34)	CHARACTER	8	G016JNAM	Job name
60	(3C)	CHARACTER	8	G016JBID	Job id
68	(44)	CHARACTER	16	G016SCHE	Scheduling environment
84	(54)	BITSTRING	4	G016MMSK	Job's main mask (RQMAINS)
88	(58)	BITSTRING	1	G016OIDX	Old RQINDEX value
89	(59)	BITSTRING	1	G016NIDX	New RQINDEX value
90	(5A)	BITSTRING	2	G016RSV2	Reserved for dev/service
92	(5C)	BITSTRING	4	G016OSEM	Old RQSCHEMM value
96	(60)	BITSTRING	4	G016NSEM	New RQSCHEMM value
100	(64)	BITSTRING	32	G016OJST	Old RQJSTAT value
132	(84)	BITSTRING	32	G016NJST	New RQJSTAT value
164	(A4)	BITSTRING	8	G016RSV3	Reserved for dev/service
End of GTF record.					
172	(AC)	BITSTRING	1	G016END(0)	End of GTF record
172	(AC)	X'AC'	0	G016LEN	"G016END-G016STRT" Size of GTF record

Table 221. Cross Reference for IATYG016

Name	Offset	Hex Tag
G016CURR	0	1
G016CURV	2	1
G016END	AC	
G016FCTA	20	
G016JBID	3C	
G016JNAM	34	
G016LEN	AC	AC
G016MMSK	54	
G016NIDX	59	
G016NJST	84	
G016NSEM	60	
G016OIDX	58	
G016OJST	64	
G016ORIG	4	

Table 221. Cross Reference for IATYG016 (continued)

Name	Offset	Hex Tag
G016OSEM	5C	
G016REL	0	
G016RNAM	C	
G016RSV1	31	
G016RSV2	5A	
G016RSV3	A4	
G016SCHE	44	
G016STRT	0	
G016SYSN	18	
G016TIME	28	
G016TYPE	0	10
G016VER	2	
G016V001	2	1
G016WEVA	24	
G016WTYP	30	
G016606	0	1

IATYG017 information

IATYG017 heading information

Common name: JES3 GTF Record - Subtype 17

Macro ID: IATYG017

DSECT name: G017STRT

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Main Storage: Any
Subpool: 0
Key: 1

Size: G017LEN bytes

Created by: IATMSWLE

Pointed to by: None

Serialization: None

Function: This macro maps the subtype 17 JES3 GTF record.

IATYG017 mapping

Table 222. Structure G017STRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	G017STRT	, GTF Record Subtype 17
		Fixed Section of Trace Record. Note: This section must not change from release to release or via an APAR.			
0	(0)	X'11'	0	G017TYPE	"17" Record type
0	(0)	SIGNED	2	G017REL	Release indicator
0	(0)	X'1'	0	G017CURR	"G017606" Current release indicator
0	(0)	X'1'	0	G017606	"1" HJS6606 indicator

Table 222. Structure G017STRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2	(2)	SIGNED	2	G017VER	Version indicator
2	(2)	X'1'	0	G017CURV	"G017V001" Current version indicator
2	(2)	X'1'	0	G017V001	"1" Initial version
4	(4)	CHARACTER	8	G017ORIG	System name where GTF record was written
	This section can be changed from release to release or via APAR as long as you update the release or version indicators in the fixed section.				
12	(C)	CHARACTER	12	G017RNAM	Record name
24	(18)	CHARACTER	8	G017SYSN	System name associated with with the event
32	(20)	ADDRESS	4	G017FCTA	FCT address
36	(24)	ADDRESS	4	G017WEVA	WEV address
40	(28)	BITSTRING	8	G017TIME	Time stamp
48	(30)	BITSTRING	1	G017WTYP	WLM event type (WEVTYPE)
49	(31)	BITSTRING	7	G017RSVD	Reserved for dev/service
	Start of event specific information.				
56	(38)	BITSTRING	32	G017SPEC	Event specific info
	Scheduling environment available/unavailable specific information.				
56	(38)	CHARACTER	16	G017SCHE	Scheduling environment
	End of GTF record.				
88	(58)	BITSTRING	1	G017END(0)	End of GTF record
88	(58)	X'58'	0	G017LEN	"G017END-G017STRT" Size of GTF record

Table 223. Cross Reference for IATYG017

Name	Offset	Hex Tag
G017CURR	0	1
G017CURV	2	1
G017END	58	
G017FCTA	20	
G017LEN	58	58
G017ORIG	4	
G017REL	0	
G017RNAM	C	
G017RSVD	31	
G017SCHE	38	
G017SPEC	38	
G017STRT	0	
G017SYSN	18	
G017TIME	28	
G017TYPE	0	11
G017VER	2	
G017V001	2	1

Table 223. Cross Reference for IATYG017 (continued)

Name	Offset	Hex Tag
G017WEVA	24	
G017WTYP	30	
G017606	0	1

IATYG018 information

IATYG018 heading information

Common name: JES3 GTF Record - Subtype 18

Macro ID: IATYG018

DSECT name: G018STRT

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Main Storage: Any
Subpool: 0
Key: 1

Size: G018LEN bytes

Created by: IATMSWLE

Pointed to by: None

Serialization: None

Function: This macro maps the subtype 18 JES3 GTF record.

IATYG018 mapping

Table 224. Structure G018STRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	G018STRT	, GTF Record Subtype 18
		Fixed Section of Trace Record. Note: This section must not change from release to release or via an APAR.			
0	(0)	X'12'	0	G018TYPE	"18" Record type
0	(0)	SIGNED	2	G018REL	Release indicator
0	(0)	X'1'	0	G018CURR	"G018606" Current release indicator
0	(0)	X'1'	0	G018606	"1" HJS6606 indicator
2	(2)	SIGNED	2	G018VER	Version indicator
2	(2)	X'1'	0	G018CURV	"G018V001" Current version indicator
2	(2)	X'1'	0	G018V001	"1" Initial version
4	(4)	CHARACTER	8	G018ORIG	System name where GTF record was written
		This section can be changed from release to release or via APAR as long as you update the release or version indicators in the fixed section.			
12	(C)	CHARACTER	12	G018RNAM	Record name
24	(18)	CHARACTER	8	G018SYSN	System name associated with with the event
32	(20)	ADDRESS	4	G018FCTA	FCT address
36	(24)	ADDRESS	4	G018WEVA	WEV address
40	(28)	BITSTRING	8	G018TIME	Time stamp (from the WEV)

Table 224. Structure G018STRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
48	(30)	BITSTRING	1	G018WTYP	WLM event type (from the WEV)
49	(31)	BITSTRING	3	G018RSV1	Reserved for dev/service
52	(34)	CHARACTER	8	G018JNAM	Job name
60	(3C)	CHARACTER	8	G018JBID	Job id
68	(44)	CHARACTER	16	G018SCHE	Scheduling environment
84	(54)	BITSTRING	4	G018MMSK	Job's main mask (RQMAINS)
88	(58)	BITSTRING	1	G018OIDX	Old RQINDEX value
89	(59)	BITSTRING	1	G018NIDX	New RQINDEX value
	Definition of G018FLG1.				
90	(5A)	BITSTRING	1	G018FLG1	Flag byte one
		1...		G018SETU	"X'80'" Setup job (set if RQSETUP is on)
		.1..		G018RCSU	"X'40'" Restart or cancel setup request is in progress (set if RQRSCNS is on)
91	(5B)	BITSTRING	1	G018RSV2	Reserved for dev/service
92	(5C)	BITSTRING	4	G018OSEM	Old RQSCHEMM value
96	(60)	BITSTRING	4	G018NSEM	New RQSCHEMM value
100	(64)	BITSTRING	32	G018OJST	Old RQJSTAT value
132	(84)	BITSTRING	32	G018NJST	New RQJSTAT value
164	(A4)	BITSTRING	8	G018RSV3	Reserved for dev/service
	End of GTF record.				
172	(AC)	BITSTRING	1	G018END(0)	End of GTF record
172	(AC)	X'AC'	0	G018LEN	"G018END-G018STRT" Size of GTF record

Table 225. Cross Reference for IATYG018

Name	Offset	Hex Tag
G018CURR	0	1
G018CURV	2	1
G018END	AC	
G018FCTA	20	
G018FLG1	5A	
G018JBID	3C	
G018JNAM	34	
G018LEN	AC	AC
G018MMSK	54	
G018NIDX	59	
G018NJST	84	
G018NSEM	60	
G018OIDX	58	
G018OJST	64	
G018ORIG	4	
G018OSEM	5C	
G018RCSU	5A	40
G018REL	0	

Table 225. Cross Reference for IATYG018 (continued)

Name	Offset	Hex Tag
G018RNAM	C	
G018RSV1	31	
G018RSV2	5B	
G018RSV3	A4	
G018SCHE	44	
G018SETU	5A	80
G018STRT	0	
G018SYSN	18	
G018TIME	28	
G018TYPE	0	12
G018VER	2	
G018V001	2	1
G018WEVA	24	
G018WTYP	30	
G018606	0	1

IATYG019 information

IATYG019 heading information

Common name: JES3 GTF Record - Subtype 19

Macro ID: IATYG019

DSECT name: G019STRT

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Main Storage: Any
Subpool: 0
Key: 1

Size: G019LEN bytes

Created by: IATSISO

Pointed to by: None

Serialization: None

Function: This macro maps the subtype 19 JES3 GTF record.

IATYG019 mapping

Table 226. Structure G019STRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	G019STRT	, GTF Record Subtype 19
		Fixed Section of Trace Record. Note: This section must not change from release to release or via an APAR.			
0	(0)	X'13'	0	G019TYPE	"19" Record type
0	(0)	SIGNED	2	G019REL	Release indicator
0	(0)	X'1'	0	G019CURR	"G019606" Current release indicator
0	(0)	X'1'	0	G019606	"1" HJS6606 indicator
2	(2)	SIGNED	2	G019VER	Version indicator

Table 226. Structure G019STRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2	(2)	X'1'	0	G019CURV	"G019V001" Current version indicator
2	(2)	X'1'	0	G019V001	"1" Initial version
4	(4)	CHARACTER	8	G019ORIG	System name where GTF record was written
		This section can be changed from release to release or via APAR as long as you update the release or version indicators in the fixed section.			
12	(C)	CHARACTER	8	G019CALL	Set to 'ENTRY', 'EXIT' or 'WAITWORK' to identify trace type
20	(14)	CHARACTER	8	G019APPL	Application defined information (could be binary zeroes)
28	(1C)	BITSTRING	8	G019TRTM	Thread request time stamp
36	(24)	BITSTRING	8	G019GTTM	GTRACE time stamp
44	(2C)	ADDRESS	4	G019ASOB	Application supplied SSOB address
48	(30)	ADDRESS	4	G019ASS2	Application supplied SSS2 address
52	(34)	ADDRESS	4	G019JSOB	Address of JES3 SSOB (a copy of caller's SSOB)
56	(38)	ADDRESS	4	G019JSS2	Address of JES3 SSS2 (a copy of caller's SSS2)
60	(3C)	BITSTRING	16	G019RSVD	Reserved for dev/service
		Start of COW information. When tracing the COW prior to being sent to the global, only the 'checkpoint' section of the COW is traced. When tracing the COW prior to returning to the caller, the 'checkpoint' and 'dataset' sections of the COW is traced.			
76	(4C)	BITSTRING	1	G019COW	
		Start of SSOB information.			
1072	(430)	BITSTRING	1	G019SSOB	
		Start of SSS2 information.			
1104	(450)	BITSTRING	1	G019SSS2	
		End of GTF record.			
2264	(8D8)	BITSTRING	1	G019END(0)	End of GTF record
2264	(8D8)	X'8D8'	0	G019LEN	"G019END-G019STRT" Size of GTF record

Table 227. Cross Reference for IATYG019

Name	Offset	Hex Tag
G019APPL	14	
G019ASOB	2C	
G019ASS2	30	
G019CALL	C	
G019COW	4C	
G019CURR	0	1
G019CURV	2	1
G019END	8D8	

Table 227. Cross Reference for IATYG019 (continued)

Name	Offset	Hex Tag
G019GTTM	24	
G019JSOB	34	
G019JSS2	38	
G019LEN	8D8	8D8
G019ORIG	4	
G019REL	0	
G019RSVD	3C	
G019SSOB	430	
G019SSS2	450	
G019STRT	0	
G019TRTM	1C	
G019TYPE	0	13
G019VER	2	
G019V001	2	1
G019606	0	1

IATYG020 information

IATYG020 heading information

Common name: JES3 GTF Record - Subtype 20

Macro ID: IATYG020

DSECT name: G020STRT

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Main Storage: Any
Subpool: 0
Key: 1

Size: G020LEN bytes

Created by: IATWLEVT

Pointed to by: None

Serialization: None

Function: This macro maps the subtype 20 JES3 GTF record.

IATYG020 mapping

Table 228. Structure G020STRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	G020STRT	, GTF Record Subtype 20
		Fixed Section of Trace Record. Note: This section must not change from release to release or via an APAR.			
0	(0)	X'14'	0	G020TYPE	"20" Record type
0	(0)	SIGNED	2	G020REL	Release indicator
0	(0)	X'1'	0	G020CURR	"G020608" Current release indicator
0	(0)	X'1'	0	G020608	"1" HJS6608 indicator
2	(2)	SIGNED	2	G020VER	Version indicator

Table 228. Structure G020STRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2	(2)	X'1'	0	G020CURV	"G020V001" Current version indicator
2	(2)	X'1'	0	G020V001	"1" Initial version
4	(4)	CHARACTER	8	G020ORIG	System name where GTF record was written
	This section can be changed from release to release or via APAR as long as you update the release or version indicators in the fixed section.				
12	(C)	CHARACTER	12	G020RNAM	Record name
24	(18)	CHARACTER	8	G020SYSN	System name associated with with the event
32	(20)	ADDRESS	4	G020FCTA	FCT address
36	(24)	ADDRESS	4	G020WEVA	WEV address
40	(28)	BITSTRING	8	G020TIME	Time stamp
48	(30)	BITSTRING	32	G020SRVD	WLM service definition
80	(50)	BITSTRING	1	G020WTYP	WLM event type (WEVTYPE)
81	(51)	BITSTRING	7	G020RSVD	Reserved for dev/service
	Start of event specific information.				
88	(58)	BITSTRING	32	G020SPEC	Event specific info
	RESET jobname,SRVCLASS Specific Data				
88	(58)	CHARACTER	8	G020_RSRVCL_JOBNAME	Job name
96	(60)	CHARACTER	8	G020_RSRVCL_JOBID	Job id
104	(68)	BITSTRING	8	G020_RSRVCL_STOKEN	STOKEN of address space where job is executing
	Deferred Service Class Check Specific Data				
88	(58)	CHARACTER	8	G020_DEFSCL_JOBNAME	Job name
96	(60)	CHARACTER	8	G020_DEFSCL_JOBID	Job id
104	(68)	ADDRESS	4	G020_DEFSCL_ASCB	ASCB of address space where job is executing
	End of GTF record.				
120	(78)	BITSTRING	1	G020END(0)	End of GTF record
120	(78)	X'78'	0	G020LEN	"G020END-G020STRT" Size of GTF record

Table 229. Cross Reference for IATYG020

Name	Offset	Hex Tag
G020_DEFSCL_ASCB	68	
G020_DEFSCL_JOBID	60	
G020_DEFSCL_JOBNAME	58	
G020_RSRVCL_JOBID	60	
G020_RSRVCL_JOBNAME	58	
G020_RSRVCL_STOKEN	68	
G020CURR	0	1
G020CURV	2	1
G020END	78	

Table 229. Cross Reference for IATYG020 (continued)

Name	Offset	Hex Tag
G020FCTA	20	
G020LEN	78	78
G020ORIG	4	
G020REL	0	
G020RNAM	C	
G020RSVD	51	
G020SPEC	58	
G020SRVD	30	
G020STRT	0	
G020SYSN	18	
G020TIME	28	
G020TYPE	0	14
G020VER	2	
G020V001	2	1
G020WEVA	24	
G020WTYP	50	
G020608	0	1

IATYG021 information

IATYG021 heading information

Common name: JES3 GTF Record - Subtype 21

Macro ID: IATYG021

DSECT name: G021STRT, GTFWORK

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Main Storage: Any
Subpool: 0
Key: 1

Size: G021LEN bytes

Created by: IATSIES

Pointed to by: None

Serialization: None

Function: This macro maps the subtype 21 JES3 GTF record and the GTF work area for subtype 21.

IATYG021 mapping

Table 230. Structure G021STRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	G021STRT	, GTF Record Subtype 21
		Fixed Section of Trace Record. Note: This section must not change from release to release or via an APAR.			
0	(0)	X'15'	0	G021TYPE	"21" Record type
0	(0)	SIGNED	2	G021REL	Release indicator

Table 230. Structure G021STRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	X'1'	0	G021CURR	"G0217A0" Current release indicator
0	(0)	X'1'	0	G0217A0	"1" HJS77A0 indicator
2	(2)	SIGNED	2	G021VER	Version indicator
2	(2)	X'1'	0	G021CURV	"G021V001" Current version indicator
2	(2)	X'1'	0	G021V001	"1" Initial version
4	(4)	CHARACTER	8	G021ORIG	System name where GTF record was written
This section can be changed from release to release or via APAR as long as you update the release or version indicators in the fixed section.					
12	(C)	CHARACTER	8	G021CALL	Set to 'ENTRY' or 'EXIT' to identify trace type
20	(14)	ADDRESS	4	G021ASOB	Application supplied SSOB address
24	(18)	ADDRESS	4	G021ASST	Application supplied STAT address
28	(1C)	ADDRESS	4	G021JSOB	Address of JES3 SSOB (a copy of caller's SSOB)
32	(20)	ADDRESS	4	G021JSST	Address of JES3 STAT (a copy of caller's STAT)
36	(24)	BITSTRING	16	G021RSVD	Reserved for IBM
52	(34)	SIGNED	4	(0)	Align to next fullword
Start of ESW information.					
52	(34)	BITSTRING	216	G021ESW	
268	(10C)	SIGNED	4	(0)	Align to next fullword
Start of SSOB information.					
268	(10C)	BITSTRING	32	G021SSOB	
300	(12C)	SIGNED	4	(0)	Align to next fullword
Start of STAT information.					
300	(12C)	BITSTRING	1	G021STAT	
End of GTF record.					
840	(348)	BITSTRING	1	G021END(0)	End of GTF record
840	(348)	X'348'	0	G021LEN	"G021END-G021STRT" Size of GTF record

Table 231. Structure GTFWORK

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	GTFWORK	, GTF Work Area
GTF Record Build Area					
0	(0)	BITSTRING	8	SIGTFHDR	GTF Record Header
8	(8)	BITSTRING	1	SIGTFDAT(0)	Start of data
8	(8)	BITSTRING	1	SIGTF021	Subtype 21 data
GTRACE Parameter List SYMBOLIC ID TABLE FOR THE GTRACE MACRO					

Table 231. Structure GTFWORK (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
8	(8)	BITSTRING	0	IHLMDMA1	"X'FFF'" 4095
8	(8)	BITSTRING	0	IGGSP169	"X'FFE'" 4094 Y02014
8	(8)	BITSTRING	0	IGGSP451	"X'FFD'" 4093 Y02014
8	(8)	BITSTRING	0	IGGSP251	"X'FFC'" 4092 Y02014
8	(8)	BITSTRING	0	IGGSP145	"X'FFB'" 4091 Y02014
8	(8)	BITSTRING	0	IGGSP239	"X'FFA'" 4090 Y02014
8	(8)	BITSTRING	0	IGGSP235	"X'FF9'" 4089 Y02014
8	(8)	BITSTRING	0	IGGSP119	"X'FF8'" 4088 Y02014
8	(8)	BITSTRING	0	IGGSP215	"X'FF7'" 4087 Y02014
8	(8)	BITSTRING	0	IGGSP112	"X'FF6'" 4086 Y02014
8	(8)	BITSTRING	0	IDAAM01	"X'FF5'" 4085
8	(8)	BITSTRING	0	IGGSP008	"X'FF4'" 4084 Y02014
8	(8)	BITSTRING	0	IGGSP002	"X'FF3'" 4083 Y02014
8	(8)	BITSTRING	0	ISTLNEID	"X'FF2'" 4082
8	(8)	BITSTRING	0	ISTCLEID	"X'FF1'" 4081
8	(8)	BITSTRING	0	ISTRPEID	"X'FF0'" 4080
8	(8)	BITSTRING	0	ISTTPEID	"X'FEF'" 4079
8	(8)	BITSTRING	0	ISTVIEID	"X'FE1'" 4065 VTAM INTERNAL TRACE
8	(8)	BITSTRING	0	ISTTHEID	"X'FE2'" 4066 VTAM INTERNAL TRACE
8	(8)	BITSTRING	0	ISTTREID	"X'FE3'" 4067 VTAM INTERNAL TRACE
8	(8)	BITSTRING	0	ISTTDEID	"X'FE4'" 4068 VTAM INTERNAL TRACE
8	(8)	BITSTRING	0	IMDGPD50	"X'FE0'" 4064
8	(8)	BITSTRING	0	IMDGPD49	"X'FDF'" 4063
8	(8)	BITSTRING	0	IMDGPD48	"X'FDE'" 4062
8	(8)	BITSTRING	0	IMDGPD47	"X'FDD'" 4061
8	(8)	BITSTRING	0	IMDGPD46	"X'FDC'" 4060
8	(8)	BITSTRING	0	IMDGPD45	"X'FDB'" 4059
8	(8)	BITSTRING	0	IMDGPD44	"X'FDA'" 4058
8	(8)	BITSTRING	0	IMDGPD43	"X'FD9'" 4057
8	(8)	BITSTRING	0	IMDGPD42	"X'FD8'" 4056
8	(8)	BITSTRING	0	IMDGPD41	"X'FD7'" 4055
8	(8)	BITSTRING	0	IMDGPD40	"X'FD6'" 4054
8	(8)	BITSTRING	0	IMDGPD39	"X'FD5'" 4053
8	(8)	BITSTRING	0	IMDGPD38	"X'FD4'" 4052
8	(8)	BITSTRING	0	IMDGPD37	"X'FD3'" 4051
8	(8)	BITSTRING	0	IMDGPD36	"X'FD2'" 4050
8	(8)	BITSTRING	0	IMDGPD35	"X'FD1'" 4049
8	(8)	BITSTRING	0	IMDGPD34	"X'FD0'" 4048
8	(8)	BITSTRING	0	IMDGPD33	"X'FCF'" 4047
8	(8)	BITSTRING	0	IMDGPD32	"X'FCE'" 4046
8	(8)	BITSTRING	0	IMDGPD31	"X'FCD'" 4045
8	(8)	BITSTRING	0	IMDGPD30	"X'FCC'" 4044
8	(8)	BITSTRING	0	IMDGPD29	"X'FCB'" 4043
8	(8)	BITSTRING	0	IMDGPD28	"X'FCA'" 4042
8	(8)	BITSTRING	0	IMDGPD27	"X'FC9'" 4041

Table 231. Structure GTFWORK (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
8	(8)	BITSTRING	0	IMDGPD26	"X'FC8'" 4040
8	(8)	BITSTRING	0	IMDGPD25	"X'FC7'" 4039
8	(8)	BITSTRING	0	IMDGPD24	"X'FC6'" 4038
8	(8)	BITSTRING	0	IMDGPD23	"X'FC5'" 4037
8	(8)	BITSTRING	0	IMDGPD22	"X'FC4'" 4036
8	(8)	BITSTRING	0	IMDGPD21	"X'FC3'" 4035
8	(8)	BITSTRING	0	IMDGPD20	"X'FC2'" 4034
8	(8)	BITSTRING	0	IMDGPD19	"X'FC1'" 4033
8	(8)	BITSTRING	0	IMDGPD18	"X'FC0'" 4032
8	(8)	BITSTRING	0	IMDGPD17	"X'FBF'" 4031
8	(8)	BITSTRING	0	IMDGPD16	"X'FBE'" 4030
8	(8)	BITSTRING	0	IMDGPD15	"X'FBD'" 4029
8	(8)	BITSTRING	0	IMDGPD14	"X'FBC'" 4028
8	(8)	BITSTRING	0	IMDGPD13	"X'FBB'" 4027
8	(8)	BITSTRING	0	IMDGPD12	"X'FBA'" 4026
8	(8)	BITSTRING	0	IMDGPD11	"X'FB9'" 4025
8	(8)	BITSTRING	0	IMDGPD10	"X'FB8'" 4024
8	(8)	BITSTRING	0	IMDGPD09	"X'FB7'" 4023
8	(8)	BITSTRING	0	IMDGPD08	"X'FB6'" 4022
8	(8)	BITSTRING	0	IMDGPD07	"X'FB5'" 4021
8	(8)	BITSTRING	0	IMDGPD06	"X'FB4'" 4020
8	(8)	BITSTRING	0	IMDGPD05	"X'FB3'" 4019
8	(8)	BITSTRING	0	IMDGPD04	"X'FB2'" 4018
8	(8)	BITSTRING	0	IMDGPD03	"X'FB1'" 4017
8	(8)	BITSTRING	0	IMDGPD02	"X'FB0'" 4016
8	(8)	BITSTRING	0	IMDGPD01	"X'FAF'" 4015
8	(8)	BITSTRING	0	IMDGPD00	"X'FAC'" 4012 NetSpool
8	(8)	BITSTRING	0	IMDNFS01	"X'FAB'" 4011 NFS
8	(8)	BITSTRING	0	IMDTCAM9	"X'FA9'" 4009 TCAM
8	(8)	BITSTRING	0	IMDTCAM8	"X'FA8'" 4008 TCAM
8	(8)	BITSTRING	0	IMDTCAM7	"X'FA7'" 4007 TCAM
8	(8)	BITSTRING	0	IMDTCAM6	"X'FA6'" 4006 TCAM
8	(8)	BITSTRING	0	IMDTCAM5	"X'FA5'" 4005 TCAM
8	(8)	BITSTRING	0	IMDTCAM4	"X'FA4'" 4004 TCAM
8	(8)	BITSTRING	0	IMDTCAM3	"X'FA3'" 4003 TCAM
8	(8)	BITSTRING	0	IMDTCAM2	"X'FA2'" 4002 TCAM
8	(8)	BITSTRING	0	IMDTCAM1	"X'FA1'" 4001 TCAM
8	(8)	BITSTRING	0	IMDTCAM0	"X'FA0'" 4000 TCAM
8	(8)	BITSTRING	0	IMDCICS	"X'F6C'" 3948 CICS
8	(8)	BITSTRING	0	IMDVSM	"X'F65'" 3941 VIRTUAL STORAGE MANAGER
8	(8)	BITSTRING	0	IMDDB2VT	"X'F5F'" 3935 DB2/VSAM TRANSPARENCY
8	(8)	BITSTRING	0	IMDFSITD	"X'F5D'" 3933 FSI TRACE
8	(8)	BITSTRING	0	IMDFSITC	"X'F5C'" 3932 FSI TRACE
8	(8)	BITSTRING	0	IMDFSITB	"X'F5B'" 3931 FSI TRACE
8	(8)	BITSTRING	0	IMDFSITA	"X'F5A'" 3930 FSI TRACE

Table 231. Structure GTFWORK (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
8	(8)	BITSTRING	0	IMDFSIT9	"X'F59'" 3929 FSI TRACE
8	(8)	BITSTRING	0	IMDFSIT8	"X'F58'" 3928 FSI TRACE
8	(8)	BITSTRING	0	IMDFSIT7	"X'F57'" 3927 FSI TRACE
8	(8)	BITSTRING	0	IMDFSIT6	"X'F56'" 3926 FSI TRACE
8	(8)	BITSTRING	0	IMDFSIT5	"X'F55'" 3925 FSI TRACE
8	(8)	BITSTRING	0	IMDFSIT4	"X'F54'" 3924 FSI TRACE
8	(8)	BITSTRING	0	IMDOSIC	"X'F53'" 3923 OPEN SYSTEMS INTERCONN
8	(8)	BITSTRING	0	IMDLANRW	"X'F3F'" LANRES
8	(8)	BITSTRING	0	IMDLANRV	"X'F3E'" LANRES
8	(8)	BITSTRING	0	IMDLANRU	"X'F3D'" LANRES
8	(8)	BITSTRING	0	IMDLANRT	"X'F3C'" LANRES
8	(8)	BITSTRING	0	IMDLANRS	"X'F3B'" LANRES
8	(8)	BITSTRING	0	IMDLANRR	"X'F3A'" LANRES
8	(8)	BITSTRING	0	IMDLANRQ	"X'F39'" LANRES
8	(8)	BITSTRING	0	IMDLANRP	"X'F38'" LANRES
8	(8)	BITSTRING	0	IMDLANRO	"X'F37'" LANRES
8	(8)	BITSTRING	0	IMDLANRN	"X'F36'" LANRES
8	(8)	BITSTRING	0	IMDLANRM	"X'F35'" LANRES
8	(8)	BITSTRING	0	IMDLANRL	"X'F34'" LANRES
8	(8)	BITSTRING	0	IMDLANRK	"X'F33'" LANRES
8	(8)	BITSTRING	0	IMDLANRJ	"X'F32'" LANRES
8	(8)	BITSTRING	0	IMDLANRI	"X'F31'" LANRES
8	(8)	BITSTRING	0	IMDLANRH	"X'F30'" LANRES
8	(8)	BITSTRING	0	IMDLANRG	"X'F2F'" LANRES
8	(8)	BITSTRING	0	IMDLANRF	"X'F2E'" LANRES
8	(8)	BITSTRING	0	IMDLANRE	"X'F2D'" LANRES
8	(8)	BITSTRING	0	IMDLANRD	"X'F2C'" LANRES
8	(8)	BITSTRING	0	IMDLANRC	"X'F2B'" LANRES
8	(8)	BITSTRING	0	IMDLANRB	"X'F2A'" LANRES
8	(8)	BITSTRING	0	IMDLANRA	"X'F29'" LANRES
8	(8)	BITSTRING	0	IMDLANR9	"X'F28'" LANRES
8	(8)	BITSTRING	0	IMDLANR8	"X'F27'" LANRES
8	(8)	BITSTRING	0	IMDLANR7	"X'F26'" LANRES
8	(8)	BITSTRING	0	IMDLANR6	"X'F25'" LANRES
8	(8)	BITSTRING	0	IMDLANR5	"X'F24'" LANRES
8	(8)	BITSTRING	0	IMDLANR4	"X'F23'" LANRES
8	(8)	BITSTRING	0	IMDLANR3	"X'F22'" LANRES
8	(8)	BITSTRING	0	IMDLANR2	"X'F21'" LANRES
8	(8)	BITSTRING	0	IMDLANR1	"X'F20'" LANRES
8	(8)	BITSTRING	0	IEFDB400A	"X'F1F'" DYNALLOC
8	(8)	BITSTRING	0	IEFDB400B	"X'F1E'" DYNALLOC
8	(8)	BITSTRING	0	IEFDB400C	"X'F1D'" DYNALLOC
848	(350)	X'350'	0	SIGTFLST	"*"
848	(350)	ADDRESS	2		LENGTH
850	(352)	ADDRESS	2		FID CODE

Table 231. Structure GTFWORK (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
852	(354)	ADDRESS	4		DATA ADDRESS
856	(358)	ADDRESS	8		DATA64 AREA ADDRESS
856	(358)	X'10'	0	SIGTLSIZ	"*-SIGTFLST" Size of parameter list
864	(360)	DBL WORD	8	GTFWKEND(0)	End of work area
864	(360)	X'360'	0	GTFWKSIZ	"GTFWKEND-GTFWORK" Size of work area

Table 232. Cross Reference for IATYG021

Name	Offset	Hex Tag
GTFWKEND	360	
GTFWKSIZ	360	360
GTFWORK	0	
G021ASOB	14	
G021ASST	18	
G021CALL	C	
G021CURR	0	1
G021CURV	2	1
G021END	348	
G021ESW	34	
G021JSOB	1C	
G021JSST	20	
G021LEN	348	348
G021ORIG	4	
G021REL	0	
G021RSVD	24	
G021SSOB	10C	
G021STAT	12C	
G021STRT	0	
G021TYPE	0	15
G021VER	2	
G021V001	2	1
G0217A0	0	1
IDAAM01	8	FF5
IEFDB400A	8	F1F
IEFDB400B	8	F1E
IEFDB400C	8	F1D
IGGSP002	8	FF3
IGGSP008	8	FF4
IGGSP112	8	FF6
IGGSP119	8	FF8
IGGSP145	8	FFB
IGGSP169	8	FFE
IGGSP215	8	FF7
IGGSP235	8	FF9
IGGSP239	8	FFA
IGGSP251	8	FFC

Table 232. Cross Reference for IATYG021 (continued)

Name	Offset	Hex Tag
IGGSP451	8	FFD
IHLMDMA1	8	FFF
IMDCICS	8	F6C
IMDDB2VT	8	F5F
IMDFSITA	8	F5A
IMDFSITB	8	F5B
IMDFSITC	8	F5C
IMDFSITD	8	F5D
IMDFSIT4	8	F54
IMDFSIT5	8	F55
IMDFSIT6	8	F56
IMDFSIT7	8	F57
IMDFSIT8	8	F58
IMDFSIT9	8	F59
IMDGPD00	8	FAC
IMDGPD01	8	FAF
IMDGPD02	8	FB0
IMDGPD03	8	FB1
IMDGPD04	8	FB2
IMDGPD05	8	FB3
IMDGPD06	8	FB4
IMDGPD07	8	FB5
IMDGPD08	8	FB6
IMDGPD09	8	FB7
IMDGPD10	8	FB8
IMDGPD11	8	FB9
IMDGPD12	8	FBA
IMDGPD13	8	FBB
IMDGPD14	8	FBC
IMDGPD15	8	FBD
IMDGPD16	8	FBE
IMDGPD17	8	FBF
IMDGPD18	8	FC0
IMDGPD19	8	FC1
IMDGPD20	8	FC2
IMDGPD21	8	FC3
IMDGPD22	8	FC4
IMDGPD23	8	FC5
IMDGPD24	8	FC6
IMDGPD25	8	FC7
IMDGPD26	8	FC8
IMDGPD27	8	FC9
IMDGPD28	8	FCA
IMDGPD29	8	FCB
IMDGPD30	8	FCC
IMDGPD31	8	FCD

Table 232. Cross Reference for IATYG021 (continued)

Name	Offset	Hex Tag
IMDGPD32	8	FCE
IMDGPD33	8	FCF
IMDGPD34	8	FD0
IMDGPD35	8	FD1
IMDGPD36	8	FD2
IMDGPD37	8	FD3
IMDGPD38	8	FD4
IMDGPD39	8	FD5
IMDGPD40	8	FD6
IMDGPD41	8	FD7
IMDGPD42	8	FD8
IMDGPD43	8	FD9
IMDGPD44	8	FDA
IMDGPD45	8	FDB
IMDGPD46	8	FDC
IMDGPD47	8	FDD
IMDGPD48	8	FDE
IMDGPD49	8	FDF
IMDGPD50	8	FE0
IMDLANRA	8	F29
IMDLANRB	8	F2A
IMDLANRC	8	F2B
IMDLANRD	8	F2C
IMDLANRE	8	F2D
IMDLANRF	8	F2E
IMDLANRG	8	F2F
IMDLANRH	8	F30
IMDLANRI	8	F31
IMDLANRJ	8	F32
IMDLANRK	8	F33
IMDLANRL	8	F34
IMDLANRM	8	F35
IMDLANRN	8	F36
IMDLANRO	8	F37
IMDLANRP	8	F38
IMDLANRQ	8	F39
IMDLANRR	8	F3A
IMDLANRS	8	F3B
IMDLANRT	8	F3C
IMDLANRU	8	F3D
IMDLANRV	8	F3E
IMDLANRW	8	F3F
IMDLANR1	8	F20
IMDLANR2	8	F21
IMDLANR3	8	F22
IMDLANR4	8	F23

Table 232. Cross Reference for IATYG021 (continued)

Name	Offset	Hex Tag
IMDLANR5	8	F24
IMDLANR6	8	F25
IMDLANR7	8	F26
IMDLANR8	8	F27
IMDLANR9	8	F28
IMDNFS01	8	FAB
IMDOSIC	8	F53
IMDTCAM0	8	FA0
IMDTCAM1	8	FA1
IMDTCAM2	8	FA2
IMDTCAM3	8	FA3
IMDTCAM4	8	FA4
IMDTCAM5	8	FA5
IMDTCAM6	8	FA6
IMDTCAM7	8	FA7
IMDTCAM8	8	FA8
IMDTCAM9	8	FA9
IMDVSM	8	F65
ISTCLEID	8	FF1
ISTLNEID	8	FF2
ISTRPEID	8	FF0
ISTTDEID	8	FE4
ISTTHEID	8	FE2
ISTTPEID	8	FEF
ISTTREID	8	FE3
ISTVIEID	8	FE1
SIGTFDAT	8	
SIGTFHDR	0	0
SIGTFLST	350	350
SIGTF021	8	
SIGTLSIZ	358	10

IATYG024 information

IATYG024 heading information

Common name: JES3 GTF Record - Subtype 24

Macro ID: IATYG024

DSECT name: G024STRT

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Main Storage: Any
Subpool: 0
Key: 1

Size: G024LEN bytes

Created by: IATWLCSM

Pointed to by: None

Serialization: None

Function: This macro maps the subtype 24 JES3 GTF record.

IATYG024 mapping

Table 233. Structure G024STRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	G024STRT	, GTF Record Subtype 24
				Fixed Section of Trace Record. Note: This section must not change from release to release or via an APAR.	
0	(0)	X'18'	0	G024TYPE	"24" Record type
0	(0)	SIGNED	2	G024REL	Release indicator
0	(0)	X'1'	0	G024CURR	"G024608" Current release indicator
0	(0)	X'1'	0	G024608	"1" HJS6608 indicator
2	(2)	SIGNED	2	G024VER	Version indicator
2	(2)	X'2'	0	G024CURV	"G024V002" Current version indicator
2	(2)	X'1'	0	G024V001	"1" Initial version
2	(2)	X'2'	0	G024V002	"2" WLMBAL changes
4	(4)	CHARACTER	8	G024ORIG	System name where GTF record was written
				This section can be changed from release to release or via APAR as long as you update the release or version indicators in the fixed section. Note: GTF record 24 consists of the information that follows plus one entry for each service class that is registered to JES3. The service class information is mapped by DSECT G024SRVC.	
12	(C)	BITSTRING	12	G024RNAM	Record name
24	(18)	BITSTRING	8	G024TIME	Time stamp
32	(20)	BITSTRING	32	G024SVDF	Service definition id
64	(40)	SIGNED	4	G024BRET	IWMBSMP return code
68	(44)	SIGNED	4	G024BRSN	IWMBSMP reason code
72	(48)	SIGNED	2	G024SCLN	Size of Service Class entry
74	(4A)	BITSTRING	22	G024RSVD	Reserved for IBM
				End of GTF fixed GTF record.	
96	(60)	BITSTRING	1	G024END(0)	End of fixed GTF record
96	(60)	X'60'	0	G024LEN	"G024END-G024STRT" Size of fixed GTF record

Table 234. Structure G024_SRVCSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	G024_SRVCSTRT	, Service Class Information
0	(0)	CHARACTER	8	G024_SRVCNAME	Service class name
8	(8)	SIGNED	4	G024_SRVCINDX	Service class index
				Statistics passed to WLM on the appropriate system.	
12	(C)	SIGNED	4	G024_PLEXELIG	SYSPLEX eligible count
16	(10)	SIGNED	4	G024_PLEXINEL	SYSPLEX ineligible count

Table 234. Structure G024_SRVCSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
20	(14)	SIGNED	4	G024_PLEXLIMT	SYSPLEX limited count
24	(18)	SIGNED	4	G024_SYSELIG	System eligible count
28	(1C)	SIGNED	4	G024_SYSINEL	System ineligible count
32	(20)	SIGNED	4	G024_SYSCONS	Number of jobs which have affinity to this system
36	(24)	SIGNED	4	G024_VAREND(0)	End of WLM service class information
36	(24)	X'24'	0	G024_VARLEN	"G024_VAREND-G024_SRVCSTRT" Size of WLM service class information
		Additional information that appears in the record created by the global.			
36	(24)	SIGNED	4	G024_GLOBINFO(0)	Start of global information
36	(24)	SIGNED	4	G024_GLOBSTAT(0)	Start of global statistics
36	(24)	SIGNED	4	G024_MSWCOUNT	Number of jobs waiting to be scheduled for main service
40	(28)	SIGNED	4	G024_MDSCOUNT	Number of jobs in MDS
44	(2C)	SIGNED	4	G024_GMSCOUNT	Number of jobs in GMS select
48	(30)	SIGNED	4	G024_MNCOFFCT	Number of jobs ineligible because main is not connected or is offline
52	(34)	SIGNED	4	G024_GRPDISCT	Number of jobs ineligible because the group is disabled
56	(38)	SIGNED	4	G024_JOBHLDCT	Number of jobs ineligible because it is in operator hold
60	(3C)	SIGNED	4	G024_CLSDISCT	Number of jobs ineligible because the class is disabled
64	(40)	SIGNED	4	G024_SCHENVCT	Number of jobs ineligible because the scheduling environment is not available or undefined
68	(44)	SIGNED	4	G024_MSPARTCT	Number of jobs ineligible because a marginal spool space condition exists
72	(48)	SIGNED	4	G024_TDEPTHCT	Number of jobs ineligible because the TDEPTH has been reached
76	(4C)	SIGNED	4	G024_TLIMITCT	Number of jobs ineligible because the TLIMIT has been reached
80	(50)	SIGNED	4	G024_MDEPTHCT	Number of jobs ineligible because the MDEPTH has been reached
84	(54)	SIGNED	4	G024_MLIMITCT	Number of jobs ineligible because the MLIMIT has been reached
88	(58)	SIGNED	4	G024_RSVD1(3)	Reserved for IBM
100	(64)	SIGNED	4	G024_VAREND2(0)	End of JES3 global service class statistics
100	(64)	X'40'	0	G024_VARLEN2	"G024_VAREND2-G024_GLOBINFO" Size of JES3 global service class statistics
100	(64)	X'64'	0	G024_VARMXLEN	"G024_VAREND2-G024_SRVCSTRT" Maximum size of service class information

Table 235. Cross Reference for IATYG024

Name	Offset	Hex Tag
G024_CLSDISCT	3C	0
G024_GLOBINFO	24	
G024_GLOBSTAT	24	
G024_GMSCOUNT	2C	0
G024_GRPDISCT	34	0

Table 235. Cross Reference for IATYG024 (continued)

Name	Offset	Hex Tag
G024_JOBHLDCT	38	0
G024_MDEPTHCT	50	0
G024_MDSCOUNT	28	0
G024_MLIMITCT	54	0
G024_MNCOFFCT	30	0
G024_MSPARTCT	44	0
G024_MSWCOUNT	24	0
G024_PLEXELIG	C	
G024_PLEXINEL	10	
G024_PLEXLIMT	14	
G024_RSVD1	58	
G024_SCHENVCT	40	0
G024_SRVCINDX	8	
G024_SRVCNAME	0	
G024_SRVCSTRT	0	
G024_SYSCONS	20	
G024_SYSELIG	18	
G024_SYSINEL	1C	
G024_TDEPTHCT	48	0
G024_TLIMITCT	4C	0
G024_VAREND	24	
G024_VAREND2	64	
G024_VARLEN	24	24
G024_VARLEN2	64	40
G024_VARMXLEN	64	64
G024BRET	40	
G024BRSN	44	
G024CURR	0	1
G024CURV	2	2
G024END	60	
G024LEN	60	60
G024ORIG	4	
G024REL	0	
G024RNAM	C	
G024RSVD	4A	
G024SCLN	48	
G024STRT	0	
G024SVDF	20	
G024TIME	18	
G024TYPE	0	18
G024VER	2	
G024V001	2	1
G024V002	2	2
G024608	0	1

IATYG025 information

IATYG025 heading information

Common name:	JES3 GTF Record - Subtype 25
Macro ID:	IATYG025
DSECT name:	G025STRT
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Main Storage: Any Subpool: 0 Key: 1
Size:	G025LEN bytes
Created by:	IATWLCSM
Pointed to by:	None
Serialization:	None
Function:	This macro maps the subtype 25 JES3 GTF record.

IATYG025 mapping

Table 236. Structure G025STRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	G025STRT	, GTF Record Subtype 25
		Fixed Section of Trace Record. Note: This section must not change from release to release or via an APAR.			
0	(0)	X'19'	0	G025TYPE	"25" Record type
0	(0)	SIGNED	2	G025REL	Release indicator
0	(0)	X'1'	0	G025CURR	"G025608" Current release indicator
0	(0)	X'1'	0	G025608	"1" HJS6608 indicator
2	(2)	SIGNED	2	G025VER	Version indicator
2	(2)	X'1'	0	G025CURV	"G025V001" Current version indicator
2	(2)	X'1'	0	G025V001	"1" Initial version
4	(4)	CHARACTER	8	G025ORIG	System name where GTF record was written
		This section can be changed from release to release or via APAR as long as you update the release or version indicators in the fixed section. Note: GTF record 25 consists of the information that follows plus one entry for each report class in the sampling matrix that has non-zero information. The report class information is mapped by DSECT G025RPTC.			
12	(C)	BITSTRING	12	G025RNAM	Record name
24	(18)	BITSTRING	8	G025TIME	Time stamp
32	(20)	BITSTRING	32	G025SVDF	Service definition id
64	(40)	SIGNED	4	G025BRET	IWMBSMP return code
68	(44)	SIGNED	4	G025BRSN	IWMBSMP reason code
72	(48)	BITSTRING	24	G025RSVD	Reserved for IBM
		End of GTF fixed GTF record.			
96	(60)	BITSTRING	1	G025END(0)	End of fixed GTF record

Table 236. Structure G025STRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
96	(60)	X'60'	0	G025LEN	"G025END-G025STRT" Size of fixed GTF record

Table 237. Structure G025RPTC

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	G025RPTC	, Report Class Information
0	(0)	SIGNED	4	G025INDX	Report class index
4	(4)	SIGNED	4	G025PELG	SYSPLEX eligible count
8	(8)	SIGNED	4	G025PINL	SYSPLEX ineligible count
12	(C)	SIGNED	4	G025PLMT	SYSPLEX limited count
16	(10)	BITSTRING	1	G025VEND(0)	End of report class information
16	(10)	X'10'	0	G025VLEN	"G025VEND-G025RPTC" Size of report class information

Table 238. Cross Reference for IATYG025

Name	Offset	Hex Tag
G025BRET	40	
G025BRSN	44	
G025CURR	0	1
G025CURV	2	1
G025END	60	
G025INDX	0	
G025LEN	60	60
G025ORIG	4	
G025PELG	4	
G025PINL	8	
G025PLMT	C	
G025REL	0	
G025RNAM	C	
G025RPTC	0	
G025RSVD	48	
G025STRT	0	
G025SVDF	20	
G025TIME	18	
G025TYPE	0	19
G025VEND	10	
G025VER	2	
G025VLEN	10	10
G025V001	2	1
G025608	0	1

IATYG026 information

IATYG026 heading information

Common name: JES3 GTF Record - Subtype 26

Macro ID:	IATYG026
DSECT name:	G026STRT
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Main Storage: Any Subpool: 0 Key: 1
Size:	G026LEN bytes
Created by:	IATGRDLY
Pointed to by:	None
Serialization:	None
Function:	This macro maps the subtype 26 JES3 GTF record.

IATYG026 mapping

Table 239. Structure G026STRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	G026STRT	, GTF Record Subtype 26
		Fixed Section of Trace Record. Note: This section must not change from release to release or via an APAR.			
0	(0)	X'1A'	0	G026TYPE	"26" Record type
0	(0)	SIGNED	2	G026REL	Release indicator
0	(0)	X'1'	0	G026CURR	"G026608" Current release indicator
0	(0)	X'1'	0	G026608	"1" HJS6608 indicator
2	(2)	SIGNED	2	G026VER	Version indicator
2	(2)	X'1'	0	G026CURV	"G026V001" Current version indicator
2	(2)	X'1'	0	G026V001	"1" Initial version
4	(4)	CHARACTER	8	G026ORIG	System name where GTF record was written
		This section can be changed from release to release or via APAR as long as you update the release or version indicators in the fixed section.			
12	(C)	BITSTRING	12	G026RNAM	Record name
24	(18)	BITSTRING	8	G026TIME	Time stamp
32	(20)	CHARACTER	8	G026JNAM	Job name
40	(28)	CHARACTER	8	G026JBID	Job identifier
48	(30)	CHARACTER	8	G026SRVC	Service class
56	(38)	ADDRESS	4	G026FCT	FCT address
		Old and new delay types			
60	(3C)	CHARACTER	4	G026ODLY	Old delay type
64	(40)	CHARACTER	4	G026NDLY	New delay type
		Old and new delay reason codes.			
68	(44)	BITSTRING	1	G026ORSN	Old delay reason code
69	(45)	BITSTRING	1	G026NRSN	New delay reason code
70	(46)	BITSTRING	2	G026RSV1	Reserved for IBM

Table 239. Structure G026STRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
	Delay times				
72	(48)	SIGNED	4	G026CONV	C/I delay
76	(4C)	SIGNED	4	G026OPER	Operational delay
80	(50)	SIGNED	4	G026JSSC	JES scheduling delay
84	(54)	SIGNED	4	G026RESC	Resource delay
	Control block addresses				
88	(58)	ADDRESS	4	G026JQE	JQE address
92	(5C)	ADDRESS	4	G026RQ	RQ address or zero
96	(60)	ADDRESS	4	G026JQEX	JQEX address
	Miscellaneous information				
100	(64)	BITSTRING	1	G026RIDX	RQ index (RQINDEX)
101	(65)	BITSTRING	3	G026RSV2	Reserved for IBM
104	(68)	SIGNED	4	G026MAIN	Job main mask (RQMAINS)
108	(6C)	SIGNED	4	G026SCMM	Scheduling environment main mask (RQSCHEMM)
112	(70)	BITSTRING	16	G026RSV3	Reserved for IBM
	End of GTF fixed GTF record.				
128	(80)	BITSTRING	1	G026END(0)	End of fixed GTF record
128	(80)	X'80'	0	G026LEN	"G026END-G026STRT" Size of fixed GTF record

Table 240. Cross Reference for IATYG026

Name	Offset	Hex Tag
G026CONV	48	
G026CURR	0	1
G026CURV	2	1
G026END	80	
G026FCT	38	
G026JBID	28	
G026JNAM	20	
G026JQE	58	
G026JQEX	60	
G026JSSC	50	
G026LEN	80	80
G026MAIN	68	
G026NDLY	40	
G026NRSN	45	
G026ODLY	3C	
G026OPER	4C	
G026ORIG	4	
G026ORSN	44	
G026REL	0	

Table 240. Cross Reference for IATYG026 (continued)

Name	Offset	Hex Tag
G026RESC	54	
G026RIDX	64	
G026RNAM	C	
G026RQ	5C	
G026RSV1	46	
G026RSV2	65	
G026RSV3	70	
G026SCMM	6C	
G026SRVC	30	
G026STRT	0	
G026TIME	18	
G026TYPE	0	1A
G026VER	2	
G026V001	2	1
G026608	0	1

IATYHWS information

IATYHWS heading information

Common name: HIGHWATER SETUP TABLE

Macro ID: IATYHWS

DSECT name: HWSENTRY, HWSMJLEN

Owning component: JES3 (SC1BA)

Eye-catcher ID: IATIHWST
Offset: 0
Length: 8

Storage attributes: Main Storage: JESPOOL
Auxiliary Storage: N/A

Size: Variable

Created by: IATINIF

Pointed to by: TIHWST in IATYTVT

Serialization: None

Function: This table contains the names of all device types eligible for High Watermark Setup processing. It also indicates which device names are subsets of other device names, for HWS, and Unit Affinity Processing.

IATYHWS mapping

Table 241. Structure IATYHWS

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATYHWS	
0	(0)	SIGNED	4	HWSSTART(0)	
0	(0)	CHARACTER	8	HWSNAME	TABLE NAME
8	(8)	SIGNED	4	HWSENT1	PTR TO 1ST REAL-DEV. ENTRY
12	(C)	SIGNED	4	HWSMSENT	PTR TO MS ENTRIES

Table 241. Structure IATYHWS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
16	(10)	SIGNED	4	HWSTENT	PTR TO TAPE ENTRIES
20	(14)	SIGNED	4	HWSDENT	PTR TO DIRECT ACCESS ENTRIES
24	(18)	SIGNED	4	HWSURENT	PTR TO UNIT RECORD ENTRIES
28	(1C)	SIGNED	4	HWSGRENT	PTR TO GRAPHICS ENTRIES
32	(20)	SIGNED	4	HWSFEND(0)	END OF FIXED PORTION
32	(20)	BITSTRING	1	HWSFLEN(0)	HEADER LENGTH: L'HWSFLEN

Table 242. Structure HWSENTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	HWSENTRY	
0	(0)	SIGNED	4	HWSMJCHN	PTR TO NEXT MAJOR ENTRY
4	(4)	CHARACTER	8	HWSMAJOR	MAJOR GENERIC/ESOTERIC NAME
12	(C)	BITSTRING	1	HWSMJFLG	MAJOR ENTRY FLAG
13	(D)	BITSTRING	3	HWSMJRSV	RESERVED
16	(10)	SIGNED	2	HWSALTCT	MINOR ENTRY COUNT
20	(14)	SIGNED	4	HWSMJEND(0)	END OF MAJOR ENTRY
20	(14)	BITSTRING	1	HWSMJLEN(0)	MAJOR LENGTH

Table 243. Structure HWSMNENT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	HWSMNENT	
0	(0)	CHARACTER	8	HWSMINOR	MINOR GENERIC/ESOTERIC NAME
8	(8)	BITSTRING	1	HWSMNFLG	MINOR ENTRY FLAG
9	(9)	BITSTRING	3	HWSMNRSV	RESERVED FOR DEVELOPMENT
12	(C)	BITSTRING	1	HWSMNEND(0)	END OF ENTRY
12	(C)	BITSTRING	1	HWSMNLEN(0)	MINOR LENGTH
12	(C)	X'1E'	0	HWSELEN	"30" ENTRY LENGTH FOR BUILDING
		DEFINITION OF HWSMJFLG			
		11..		HWSMS	"X'C0'" MS DEVICE
		1...		HWSTAPE	"X'80'" TAPE DEVICE
		.1..		HWSDACC	"X'40'" DIRECT ACCESS DEVICE
		..1.		HWSUREC	"X'20'" UNIT RECORD DEVICE
		...1		HWSGRAF	"X'10'" GRAPHICS DEVICE
		.... 1...		HWSMJ08	"X'08'" RESERVED 0793
		.... .1..		HWSMJ04	"X'04'" RESERVED 0793
		.... ..1.		HWSMJ02	"X'02'" RESERVED 0793
		DEFINITION OF HWSMNFLG			
		1...		HWSMN80	"X'80'" RESERVED 0793
		.... ..1.		HWSMN02	"X'02'" RESERVED 0793 0793

Table 244. Cross Reference for IATYHWS

Name	Offset	Hex Tag
HWSALTCT	10	
HWSDACC	C	40
HWSDENT	14	
HWSELEN	C	1E
HWSENTRY	0	
HWSENT1	8	
HWSFEND	20	
HWSFLEN	20	
HWSGRAF	C	10
HWSGRENT	1C	
HWSMAJOR	4	
HWSMINOR	0	
HWSMJCHN	0	
HWSMJEND	14	
HWSMJFLG	C	
HWSMJLEN	14	
HWSMJRSV	D	
HWSMJ02	C	2
HWSMJ04	C	4
HWSMJ08	C	8
HWSMNEND	C	
HWSMNENT	0	
HWSMNFLG	8	
HWSMNLEN	C	
HWSMNRSV	9	
HWSMN02	C	2
HWSMN80	C	80
HWSMS	C	C0
HWSMSENT	C	
HWSNAME	0	
HWSSTART	0	
HWSTAPE	C	80
HWSTENT	10	
HWSUREC	C	20
HWSURENT	18	
IATYHWS	0	

IATYICT information

IATYICT programming interface information

The following fields are **NOT** programming interface information:

- ICTABTRM
- ICTBLK
- ICTCACCT
- ICTCCLOS

- ICTCFIND
- ICTCNPRM
- ICTCOPEN
- ICTCPP
- ICTCQLPX
- ICTCQMGR
- ICTCWRIT
- ICTESTAE
- ICTETXR
- ICTIIST
- ICTJBSDM
- ICTJDE
- ICTPRCAD
- ICTSDM
- ICTSDUMP
- ICTSEC
- ICTSECA
- ICTSPAFJ
- ICTSPAFS

IATYICT heading information

Common name:	INTERPRETER CONTROL TABLE
Macro ID:	IATYICT
DSECT name:	IATYICT
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Main Storage: JES3 Private Area Auxiliary Storage: N/A
Size:	268 Bytes
Created by:	ALOADED by IATINAT
Pointed to by:	TVTICTCH in IATYTVT IDDICT in IATYIDD ICTCHN in IATYICT
Serialization:	AENQ on ICT (serialize ICT chain) ICTALLOC flag (serialize the use of one C/I subtask)
Function:	Contains Converter/Interpreter work area and status information

IATYICT mapping

Table 245. Structure IATYICT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATYICT	
0	(0)	SIGNED	4	ICTSTART(0)	START OF THE ICT

```
ICTID IATYMOD BR=NO IDENTIFY THE MODULE
                 JES3 MODULE ENTRY POINT IDENTIFIER
01 Change Activity:
   $SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0
```

Table 245. Structure IATYICT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	CHARACTER	8	ICTID	MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM
36	(24)	SIGNED	4	ICTCHN	POINTER TO NEXT ICT
40	(28)	BITSTRING	1	ICTCLR(0)	START OF ICT WORK AREA
40	(28)	CHARACTER	8	ICTACMOD	NAME OF SUBTASK ACTIVE MODULE
48	(30)	ADDRESS	4	ICTIIST	ADDRESS OF SUBTASK IATIIST USING THIS ICT. THIS IS USED FOR TRAPPING THE RIGHT SUBTASK
52	(34)	BITSTRING	1	ICTFLAG1	FLAG ONE
		DEFINITION OF ICTFLAG1			
		1...		ICTSJFTM	"X'80'" PERFORM SJF TERMINATION 3361 PROCESSING 3361
		THIS LINE DELETED BY APAR OY42703			
		..1.		ICTSWAPR	"X'20'" INVOKE SWA PROCESSING ROUTINE
		...1		ICTFRSWA	"X'10'" FREE SWA SUBPOOL - WHEN ZERO SUBPOOL HAS BEEN FREED
		.... 1...		ICTESTAF	"X'08'" IATIIST'S ESTAE (STESTAEX) HAS BEEN PREVIOUSLY ENTERED
		.... .1..		ICTSBDET	"X'04'" SUBTASK IS DETACHED - SET BY THE SUBTASK ETXR
		.... ..1.		ICTSWASP	"X'02'" PERFORM SWA SPOOLING
		1		ICTPCLOS	"X'01'" CLOSE THE CURRENT PROCLIB
53	(35)	BITSTRING	1	ICTFLAG2	FLAG TWO
		DEFINITION OF ICTFLAG2			
		1...		ICTABND	"X'80'" CI SUBTASK ABENDED - SET BY THE SUBTASK ETXR
		.1..		ICTCXPRC	"X'40'" Perform converter exit processing on behalf of the CI subtask
		..1.		ICTOTSWB	"X'20'" OUTPUT SWB PROCESSING IS 3361 REQUIRED FOR A JOB 3361
		...1		ICTINTA	"X'10'" SUBTASK ACTIVE IN MVS C/I, 3361 SET SO ESTAE EXIT CLOSES 3361 JCLIN, JESJCL, SYSMSG AND JCBLOCK DATA SETS
		.... 1...		ICTFINIS	"X'08'" INTERP. FINISHED WITH JOB
		.... .1..		ICTINTRQ	"X'04'" CONVERSION/INTERPRETATION IS REQUIRED FOR A JOB
		.... ..1.		ICTALLOC	"X'02'" SUBTASK IS ALLOCATED (IN USE)
		1		ICTFABND	"X'01'" FORCE SUBTASK ABEND - SET TO CAUSE THE SUBTASK TO RETURN TO THE CONTROL PROGRAM
54	(36)	BITSTRING	1	ICTFLAG3	FLAG THREE
		DEFINITION OF ICTFLAG3			

Table 245. Structure IATYICT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		ICTSUBA	"X'80'" SUBTASK IS ACTIVE
		.1..		ICTUX02	"X'40'" USER EXIT IATUX02 IS JES3 DUMMY EXIT
		..1.		ICTUX03	"X'20'" USER EXIT IATUX03 IS JES3 DUMMY EXIT
		...1		ICTRF310	"X'10'" RESERVED
		.... 1...		ICTRF308	"X'08'" RESERVED
		.... .1..		ICTRF304	"X'04'" RESERVED
		.... ..1.		ICTRF302	"X'02'" RESERVED
		1		ICTRF301	"X'01'" RESERVED
55	(37)	BITSTRING	1	ICTFLAG4	FLAG FOUR
		DEFINITION OF ICTFLAG4			
		1...		ICTNODMP	"X'80'" NO SDUMP FROM ESTAE
		.1..		ICTDMSEL	"X'40'" ICT FOR DEMAND SELECT JOB
		..1.		ICTBATCH	"X'20'" ICT FOR BATCH JOB
		...1		ICTCIFSS	"X'10'" ICT FOR SUBTASK WHICH IS USED TO START A CI FSS ADDR. SPACE
		.... 1...		ICTACEE	"X'08'" ACEE CREATED DURING C/I 0039 SUBTASK PROCESSING 0039
		.... .1..		ICTRF404	"X'04'" RESERVED
		.... ..1.		ICTRF402	"X'02'" RESERVED
		1		ICTRF401	"X'01'" RESERVED
		WORK AREAS AND POINTERS			
56	(38)	SIGNED	4	ICTIDD	PTR TO CURRENT IDD
60	(3C)	SIGNED	4	ICTEXTPT	PTR TO ICT EXTENSION
64	(40)	SIGNED	4	ICTISAV	INTERPRETER SAVE AREA PTR
68	(44)	SIGNED	4	ICTSSAV	SCHEDULER SAVE AREA PTR
72	(48)	ADDRESS	4	ICTTCB	TCB ADDRESS OF SUBTASK
76	(4C)	ADDRESS	4	ICTJSCB	JSCB ADDRESS FOR SUBTASK
80	(50)	SIGNED	4	ICTRSVFW	RESERVED FOR DEVELOPMENT
84	(54)	SIGNED	4	ICTUSER(2)	USER WORK AREA
92	(5C)	ADDRESS	4	ICTTVT	TVT ADDRESS
96	(60)	ADDRESS	4	ICTJDE	JDE ADDRESS FOR THIS ICT
100	(64)	ADDRESS	4	ICTSDWAS	SDWA ADDRESS
104	(68)	ADDRESS	4	ICTPRCAD	PROCLIB TABLE ADDRESS
108	(6C)	ADDRESS	4	ICTSECA	SECURITY PARAMETER LIST 0039
112	(70)	SIGNED	4	ICTECB	ECB FOR SUBTASK COMMUNICATION
116	(74)	SIGNED	4	ICTRES	ECB FOR SUBTASK ATTACH POST
120	(78)	SIGNED	4	ICTHDECB	ADDRESS SPACE JCL LIMIT QUIESCE ECB
124	(7C)	SIGNED	4	ICTINCNT	SUBTASK INTERPRETATION CNT.
128	(80)	SIGNED	2	ICTPARID	CURRENT PARM ID
130	(82)	BITSTRING	1	ICTTMPSV	TEMPORARY WORK/SAVE AREA
131	(83)	BITSTRING	1	ICTSVKEY	PSW key save area
132	(84)	SIGNED	4	ICTMODSV	SAVE AREA FOR MODE SWITCHES

Table 245. Structure IATYICT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
136	(88)	SIGNED	4	ICTJSMSP	Address of storage returned by IATXJSM to hold extracted symbol results
140	(8C)	SIGNED	4	ICTJSMSZ	Size of the storage returned by IATXJSM to hold extracted symbol results
144	(90)	SIGNED	4	ICTRS1FS	RESERVED FOR SERVICE
148	(94)	SIGNED	4	ICTRS2FU(2)	RESERVED FOR USER
		Variables for working with CI Text Elements			
156	(9C)	CHARACTER	8	ICTCXSTP	Step name not in PROC
164	(A4)	CHARACTER	8	ICTCXPST	Step name within a PROC
172	(AC)	CHARACTER	8	ICTCXDDN	DD Name for SYSIN data set
		In-Stream Data JES Exit Routine Variables			
180	(B4)	BITSTRING	1	ICTFLAG5	Flag 5
		1...		ICTOPEN	"X'80'" Posted by IATIICX Open Exit
		.1..		ICTWRITE	"X'40'" Posted by IATIICX Write Exit
		..1.		ICTCLOSE	"X'20'" Posted by IATIICX Close Exit
180	(B4)	X'10'	0	ICTRF510	"x'10'" Reserved
		.... 1...		ICTRF508	"X'08'" Reserved
		.... .1..		ICTRF504	"X'04'" Reserved
		.... ..1.		ICTRF502	"X'02'" Reserved
		1		ICTRF501	"X'01'" Reserved
181	(B5)	BITSTRING	3	ICTRSVD5	Reserved bytes
184	(B8)	SIGNED	4	ICTJDSHD	Address to the JDS Header for this job.
188	(BC)	SIGNED	4	ICTSINSQ	Sequence number assigned by the IICX Open exit routine for the next SYSIN dataset allocated to contain instream data from cataloged PROCs and INCLUDEs.
192	(C0)	DBL WORD	8	ICTCONA(2)	Hex conversion work area
208	(D0)	SIGNED	4	ICTCONW	Hex conversion work area
216	(D8)	DBL WORD	8	ICTSTCKF	Work area for time stamp
224	(E0)	ADDRESS	4	ICTINRCD	Address of in-stream data record that the Write exit will write.
		CONVERTER PARAMETER LIST (CNPRM). NOTE: THE AMOUNT OF STORAGE DEFINED IS EQUAL TO THE SIZE OF THE FIXED PORTION OF THE CNPRM, THE SIZE OF THE EXIT LIST HEADER, PLUS THE SIZE OF THE FOUR EXIT ENTRIES.			
228	(E4)	BITSTRING	184	ICTCNPRM	CONVERTER PARAMETER LIST
228	(E4)	BITSTRING	144	ICTCNCPL	Converter Parm List header
372	(174)	BITSTRING	8	ICTCNHDR	Exit entry list header
380	(17C)	BITSTRING	8	ICTCNXIT	Internal Text exit
388	(184)	BITSTRING	8	ICTCNXOP	SYSIN Open exit
396	(18C)	BITSTRING	8	ICTCNXPT	SYSIN Write exit
404	(194)	BITSTRING	1	ICTCNXCL	SYSIN Close exit

Table 245. Structure IATYICT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		MISCELLANEOUS PARAMETER LISTS. ICTSPAFS DEFINES THE JES3 SPOOL ACCESS FACILITY PARAMETER LIST FOR SMS SCHEDULING INFORMATION SPOOL DATATASET			
412	(19C)	BITSTRING	40	ICTSPAFS	ICTSPAFJ DEFINES THE JES3 SPOOL ACCESS FACILITY PARAMETER LIST FOR SMS JOB INFORMATION SPOOL DATASET
452	(1C4)	BITSTRING	44	ICTSPAFJ	
496	(1F0)	DBL WORD	8	(0)	RETAIN DBL WD ALIGNMENT
496	(1F0)	BITSTRING	156	ICTRSVS1	RESERVED FOR IBM/SPACE PREVIOUSLY USED FOR RPL'S MOVED TO ICT EXTENSION
652	(28C)	SIGNED	2	ICTCPP(0)	
652	(28C)	ADDRESS	4		.PRIMARY CELL COUNT
656	(290)	ADDRESS	4		.SECONDARY CELL COUNT
660	(294)	ADDRESS	4		.CELL SIZE
664	(298)	ADDRESS	1		.SUBPOOL ID
665	(299)	ADDRESS	1		.KEY
666	(29A)	BITSTRING	2		
668	(29C)	ADDRESS	4		.TCB ADDRESS
672	(2A0)	BITSTRING	24		.HEADER
696	(2B8)	SIGNED	2	CPOOL_BUILD_0003(0)	
696	(2B8)	BITSTRING	172	ICTBLK	BLOCK SPOOLER PARM LIST
868	(364)	BITSTRING	120	ICTSDM	SPOOL DATA MANAGEMENT PARM LIST ICTJBSDM DEFINES THE SPOOL DATA MANAGEMENT PARAMETER LIST FOR J3JBINFO
988	(3DC)	BITSTRING	1	ICTJBSDM	
		Parms for the IATXJSM macro IATXJSM MF=L IATXJSM parameter list $T0= J3SYMBOL HJS77A0 140630 RD0AS: z 2.2.0			
1108	(454)	SIGNED	4	ICTXJSM(0)	
1108	(454)	SIGNED	4	JSMIPRMS(0)	Flag bytes and parms
1108	(454)	BITSTRING	1	JSMIFLG0	Flag 0
		1...		JSMACADD	"X'80'" ACTION=ADD
		.1..		JSMACEXT	"X'40'" ACTION=EXTRACT
		..1.		JSM0F20	"X'20'" Reserved for IBM
		...1		JSM0F10	"X'10'" Reserved for IBM
		.... 1...		JSM0F08	"X'08'" Reserved for IBM
		.... .1..		JSM0F04	"X'04'" Reserved for IBM
		.... ..1.		JSM0F02	"X'02'" Reserved for IBM
		1		JSM0F01	"X'01'" Reserved for IBM
1109	(455)	BITSTRING	1	JSMRSVD1	Reserved for IBM
1110	(456)	BITSTRING	1	JSMIPRM2	Symbol table format:
1110	(456)	X'1'	0	JSMJESSF	"1" SYMTBLF=JESSYM
1110	(456)	X'2'	0	JSMJCLSF	"2" SYMTBLF=JCLSYM
1110	(456)	X'3'	0	JSMSYSSF	"3" SYMTBLF=SYSSYM
1111	(457)	BITSTRING	1	JSMIPRM3	Symbol type:
1111	(457)	X'1'	0	JSMSYCNV	"1" SYMTYPE=CNV

Table 245. Structure IATYICT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1111	(457)	X'2'	0	JSMSYINT	"2" SYMTYPE=INT
1111	(457)	X'3'	0	JSMSYALT	"3" SYMTYPE=ALTSYS
1112	(458)	ADDRESS	4	JSMIJSTB	Address of input job symbol table (in-storage)
1116	(45C)	ADDRESS	4	JSMJSFDB	Address of Job Symbol Table FDB
1120	(460)	ADDRESS	4	JSMDSS@	Address of DSS whose RAB is used for allocating tracks for the JSM
1124	(464)	ADDRESS	4	JSMJSNAM	Address of symbol name (optional)
1128	(468)	SIGNED	4	JSMRSVD2	Reserved for IBM
1132	(46C)	SIGNED	4	JSMPEND(0)	End of IATXJSM parms
1132	(46C)	BITSTRING	1	JSMPLEN(0)	Length of IATXJSM parms
		ROUTINES AND EXITS			
1132	(46C)	ADDRESS	4	ICTAUX02	ADDR OF USER EXIT IATUX02
1136	(470)	ADDRESS	4	ICTAUX03	ADDR OF USER EXIT IATUX03
1140	(474)	ADDRESS	4	ICTCQMGR	IATIICX - C/I QMNGR ENTRY POINT - MOVE MODE
1144	(478)	ADDRESS	4	ICTCQLPX	IATIICX - C/I QMNGR ENTRY POINT - LOCATE MODE
1148	(47C)	ADDRESS	4	ICTCFIND	IATIIFD - PROCEDURE FIND EXIT ENTRY POINT
1152	(480)	ADDRESS	4	ICTCACCT	IATIICX - ACCOUNTING EXIT ENTRY POINT
1156	(484)	ADDRESS	4	ICTCOPEN	IATIICX - SYSIN Open exit entry point
1160	(488)	ADDRESS	4	ICTCWRIT	IATIICX - SYSIN Write exit entry point
1164	(48C)	ADDRESS	4	ICTCCLOS	IATIICX - SYSIN Close exit entry point
1168	(490)	ADDRESS	4	ICTRSVAD	RESERVED FOR ROUTINE ADDRESS
1172	(494)	ADDRESS	4	ICTIORES	RESERVED FOR DEVELOPMENT
1176	(498)	ADDRESS	4	ICTETXR	IATIISB - ETXR ROUTINE 2829 ADDRESS 2829
1180	(49C)	ADDRESS	4	ICTRSVRT	RESERVED FOR ROUTINE ADDRESS
		DATA MANAGMENT CONTROL BLOCK ADDRESSES			
1184	(4A0)	SIGNED	4	ICTJCDSS	JCLIN DSS POINTER
1188	(4A4)	SIGNED	4	ICTJCDEB	JCLIN DEB POINTER
1184	(4A0)	ADDRESS	4	ICTJBDSS	JCBLOCK DSS POINTER
1188	(4A4)	ADDRESS	4	ICTJBDEB	JCBLOCK DEB POINTER
1192	(4A8)	SIGNED	4	ICTJEDSS	JESJCL DSS POINTER
1196	(4AC)	SIGNED	4	ICTJEDEB	JESJCL DEB POINTER
1200	(4B0)	SIGNED	4	ICTSYDSS	SYSMSG DSS POINTER
1204	(4B4)	SIGNED	4	ICTSYDEB	SYSMSG DEB POINTER 26
1208	(4B8)	SIGNED	4	ICTRSVD(3)	RESERVED FOR DEVELOPMENT
1220	(4C4)	SIGNED	4	ICTRSVS(3)	RESERVED FOR SERVICE
1232	(4D0)	SIGNED	4	ICTRSVU(3)	RESERVED FOR USER 14
1244	(4DC)	SIGNED	4	ICTEND(0)	END OF ICT WORK AREA
		IATINAT ENTRY REASON EQUATES			

Table 245. Structure IATYICT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1244	(4DC)	X'0'	0	ICTFINIT	"0" FULL INITIALIZATION OF ALL CI SUBTASKS
1244	(4DC)	X'4'	0	ICTREINS	"4" CLEANUP/REINSTATE CI SUBTASK
1244	(4DC)	X'8'	0	ICTDSCRE	"8" CREATE ONE DEMAND SELECT CI SUBTASK
1244	(4DC)	X'C'	0	ICTBTCRE	"12" CREATE ONE BATCH CI SUBTASK
1244	(4DC)	X'10'	0	ICTCFCRE	"16" CREATE ONE CI SUBTASK THAT IS RESERVED FOR STARTING CI FSS ADDRESS SPACES
1244	(4DC)	X'14'	0	ICTDETSB	"20" DETACH/CLEANUP CI SUBTASK
1244	(4DC)	X'18'	0	ICTSTERM	"24" TERMINATE A CI SUBTASK 3361
1244	(4DC)	X'18'	0	ICTMXENT	"24" MAXIMUM ENTRY REASON 3361
1244	(4DC)	BITSTRING	1	ICTSEC(0)	SECURITY PARAMETER LIST 0039 POINTED TO BY ICTSECA 0039

Table 246. Cross Reference for IATYICT

Name	Offset	Hex Tag
CPOOL_BUILD_0003	2B8	
IATYICT	0	
ICTABND	35	80
ICTACEE	37	8
ICTACMOD	28	40404040
ICTALLOC	35	2
ICTAUX02	46C	
ICTAUX03	470	
ICTBATCH	37	20
ICTBLK	2B8	0
ICTBTCRE	4DC	C
ICTCACCT	480	
ICTCCLOS	48C	
ICTCFCRE	4DC	10
ICTCFIND	47C	
ICTCHN	24	0
ICTCIFSS	37	10
ICTCLOSE	B4	20
ICTCLR	28	
ICTCNCPL	E4	0
ICTCNHDR	174	0
ICTCNPRM	E4	0
ICTCNXCL	194	0
ICTCNXIT	17C	0
ICTCNXOP	184	0
ICTCNXPT	18C	0
ICTCONA	C0	0
ICTCONW	D0	0
ICTCOPEN	484	
ICTCPP	28C	

Table 246. Cross Reference for IATYICT (continued)

Name	Offset	Hex Tag
ICTCQLPX	478	
ICTCQMGR	474	
ICTCWRIT	488	
ICTCXDDN	AC	40404040
ICTCXPRC	35	40
ICTCXPST	A4	40404040
ICTCXSTP	9C	40404040
ICTDETSB	4DC	14
ICTDMSEL	37	40
ICTDSCRE	4DC	8
ICTECB	70	0
ICTEND	4DC	
ICTESTAF	34	8
ICTETXR	498	
ICTEXTPT	3C	0
ICTFABND	35	1
ICTFINIS	35	8
ICTFINIT	4DC	0
ICTFLAG1	34	0
ICTFLAG2	35	0
ICTFLAG3	36	0
ICTFLAG4	37	0
ICTFLAG5	B4	0
ICTFRSWA	34	10
ICTHDECB	78	0
ICTID	0	C9C1E3E8
ICTIDD	38	0
ICTIIST	30	
ICTINCNT	7C	0
ICTINRCD	E0	
ICTINTA	35	10
ICTINTRQ	35	4
ICTIORES	494	
ICTISAV	40	0
ICTJBDEB	4A4	
ICTJBDSS	4A0	
ICTJBSDM	3DC	0
ICTJCDEB	4A4	0
ICTJCDSS	4A0	0
ICTJDE	60	
ICTJDSHD	B8	0
ICTJEDEB	4AC	0
ICTJEDSS	4A8	0
ICTJSCB	4C	
ICTJSMSP	88	0
ICTJSMSZ	8C	0

Table 246. Cross Reference for IATYICT (continued)

Name	Offset	Hex Tag
ICTMODSV	84	0
ICTMXENT	4DC	18
ICTNODMP	37	80
ICTOPEN	B4	80
ICTOTSWB	35	20
ICTPARID	80	0
ICTPCLOS	34	1
ICTPRCAD	68	
ICTREINS	4DC	4
ICTRES	74	0
ICTRF301	36	1
ICTRF302	36	2
ICTRF304	36	4
ICTRF308	36	8
ICTRF310	36	10
ICTRF401	37	1
ICTRF402	37	2
ICTRF404	37	4
ICTRF501	B4	1
ICTRF502	B4	2
ICTRF504	B4	4
ICTRF508	B4	8
ICTRF510	B4	10
ICTRSVAD	490	
ICTRSVD	4B8	0
ICTRSVD5	B5	0
ICTRSVFW	50	0
ICTRSVRT	49C	
ICTRSVS	4C4	0
ICTRSVS1	1F0	0
ICTRSVU	4D0	0
ICTRS1FS	90	0
ICTRS2FU	94	0
ICTSBDET	34	4
ICTSDM	364	0
ICTSDWAS	64	
ICTSEC	4DC	0
ICTSECA	6C	
ICTSINSQ	BC	0
ICTSJFTM	34	80
ICTSPAFJ	1C4	0
ICTSPAFS	19C	0
ICTSSAV	44	0
ICTSTART	0	
ICTSTCKF	D8	
ICTSTERM	4DC	18

Table 246. Cross Reference for IATYICT (continued)

Name	Offset	Hex Tag
ICTSUBA	36	80
ICTSVKEY	83	0
ICTSWAPR	34	20
ICTSWASP	34	2
ICTSYDEB	4B4	0
ICTSYDSS	4B0	0
ICTTCB	48	
ICTTMPSV	82	0
ICTTVT	5C	
ICTUSER	54	0
ICTUX02	36	40
ICTUX03	36	20
ICTWRITE	B4	40
ICTXJSM	454	
JSMACADD	454	80
JSMACEXT	454	40
JSMDSS@	460	
JSMIFLG0	454	
JSMIJSTB	458	
JSMIPRMS	454	
JSMIPRM2	456	
JSMIPRM3	457	
JSMJCLSF	456	2
JSMJESSF	456	1
JSMJSFDB	45C	
JSMJSNAM	464	
JSMPEND	46C	
JSMPLEN	46C	
JSMRSVD1	455	
JSMRSVD2	468	
JSMSYALT	457	3
JSMSYCNV	457	1
JSMSYINT	457	2
JSMSYSSF	456	3
JSM0F01	454	1
JSM0F02	454	2
JSM0F04	454	4
JSM0F08	454	8
JSM0F10	454	10
JSM0F20	454	20

IATYICTX information

IATYICTX programming interface information

The following fields are **NOT** programming interface information:

- ICTXJDE
- ICTXRPLJ
- ICTXRPLS

IATYICTX heading information

Common name:	INTERPRETER CONTROL TABLE EXTENSION
Macro ID:	IATYICTX
DSECT name:	IATYICTX, IATIICTX
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Main Storage: JESPOOL (below 16M) Auxiliary Storage: N/A
Size:	752 Bytes
Created by:	IATINAT (ALOADED)
Pointed to by:	ICTEXTPT IN IATYICT
Serialization:	None
Function:	Contains the Converter/Interpreter information previously kept in the ICT, that must remain below 16M.

IATYICTX mapping

Table 247. Structure IATYICTX

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATYICTX	
0	(0)	SIGNED	4	ICTXSTRT(0)	

```
                JES3 MODULE ENTRY POINT IDENTIFIER
01 Change Activity:
   $SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0
```

0	(0)	CHARACTER	8	ICTXID	MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM

```
               OPEN PARAMETER LIST (FOR PROCLIB)
```

36	(24)	SIGNED	2	ICTXMLOP(0)	

```
          OPEN (ICTXPDCB),MF=L
```

36	(24)	SIGNED	4	(0)	ALIGN LIST TO WORD
36	(24)	ADDRESS	1		Option byte
37	(25)	ADDRESS	3		DCB or ACB address

```
               PROCLIB DCB FOR CONVERTER
ICTXPDCB DCB DSORG=PO,DEVD=DA,DDNAME=IATPLBXX,MACRF=(R)
                      DATA CONTROL BLOCK
```

40	(28)	SIGNED	4	ICTXPDCB(0)	ORIGIN ON WORD BOUNDARY DIRECT ACCESS DEVICE INTERFACE
40	(28)	BITSTRING	16		FDAD, DVTBL

Table 247. Structure IATYICTX (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
56	(38)	ADDRESS	4		KEYLEN, DEVT, TRBAL COMMON ACCESS METHOD INTERFACE
60	(3C)	ADDRESS	1		BUFNO, NUMBER OF BUFFERS
61	(3D)	ADDRESS	3		BUFCB, BUFFER POOL CONTROL BLOCK
64	(40)	ADDRESS	2		BUFL, BUFFER LENGTH
66	(42)	BITSTRING	2		DSORG, DATA SET ORGANIZATION
68	(44)	ADDRESS	4		IOBAD FOR EXCP OR RESERVED FOUNDATION EXTENSION
72	(48)	BITSTRING	1		BFTEK, BFALN, DCBE INDICATORS
73	(49)	ADDRESS	3		EODAD (END OF DATA ROUTINE ADDRESS)
76	(4C)	BITSTRING	1		RECFM (RECORD FORMAT)
77	(4D)	ADDRESS	3		EXLST (EXIT LIST ADDRESS) FOUNDATION BLOCK
80	(50)	CHARACTER	8		DDNAME
88	(58)	BITSTRING	1		OFLGS (OPEN FLAGS)
89	(59)	BITSTRING	1		IFLGS (IOS FLAGS)
90	(5A)	BITSTRING	2		MACR (MACRO FORMAT) BSAM-BPAM-QSAM INTERFACE
92	(5C)	BITSTRING	1		OPTCD, OPTION CODES
93	(5D)	ADDRESS	3		CHECK OR INTERNAL QSAM SYNCHRONIZING RTN.
96	(60)	ADDRESS	4		SYNAD, SYNCHRONOUS ERROR RTN. (3 BYTES)
100	(64)	SIGNED	2		INTERNAL ACCESS METHOD FLAGS
102	(66)	ADDRESS	2		BLKSIZE, BLOCK SIZE
104	(68)	SIGNED	4		INTERNAL ACCESS METHOD FLAGS
108	(6C)	ADDRESS	4		INTERNAL ACCESS METHOD USE BSAM-BPAM INTERFACE
112	(70)	ADDRESS	1		NCP, MAX NUM OF OUTSTANDING READ/WRITES
113	(71)	ADDRESS	3		EOBR, INTERNAL ACCESS METHOD USE
116	(74)	ADDRESS	4		EOBW, INTERNAL ACCESS METHOD USE
120	(78)	ADDRESS	1	(2)	FLAGS AND EITHER DIRCT OR BUFOFF
122	(7A)	ADDRESS	2		LRECL
124	(7C)	ADDRESS	4		CNTRL, NOTE, POINT
124	(7C)	X'58'	0	ICTXDCBL	"*-ICTXPDCB" LENGTH OF DCB
				NEL FOR THE INTERPRETER NOTE: THE SIZE OF THE NEL IS EQUAL TO THE TOTAL OF THE INTERPRETER FIXED SECTION, PLUS THE SIZE OF THE EXIT LISTS.	
128	(80)	BITSTRING	1	ICTXNEL	NEL FOR THE INTERPRETER
				JES/INTERPRETER COMMUNICATION AREA	
232	(E8)	BITSTRING	1	ICTXJICA	JES/INTERPRETER COMMUNI- CATION AREA (JICA)
				TEMPORARY COPY OF JMR TO BE USED BY THE INTERPRETER	

Table 247. Structure IATYICTX (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
488	(1E8)	BITSTRING	176	ICTXJMR	TEMPORARY COPY OF THE JOB 0414 MANAGEMENT RECORD TO BE 0414 USED BY THE INTERPRETER. A COPY OF THE JMR IS REQUIRED 0414 BECAUSE THE INTERPRETER DOES NOT RUN AMODE 31.
664	(298)	SIGNED	4	ICTXJDE	JDE ADDRESS OF THIS ICTX
668	(29C)	SIGNED	4	ICTXSAVE(18)	SAVE AREA FOR INTERPRETER
740	(2E4)	SIGNED	4	ICTXRSVD	RESERVED FOR DEVELOPMENT
744	(2E8)	SIGNED	4	ICTXRSVS	RESERVED FOR SERVICE
748	(2EC)	SIGNED	4	ICTXRSVU	RESERVED FOR USER ICTXRPLS DEFINES THE JES3 REQUEST PARAMETER LIST FOR SMS SCHEDULING INFORMATION SPOOL DATA SET
752	(2F0)	DBL WORD	8	ICTXRPLS(0)	START OF J3SCINFO RPL
752	(2F0)	BITSTRING	80		ICTXRPLJ DEFINES THE JES3 REQUEST PARAMETER LIST FOR SMS JOB INFORMATION SPOOL DATA SET
832	(340)	DBL WORD	8	ICTXRPLJ(0)	START OF J3JBINFO RPL
832	(340)	BITSTRING	1		

Table 248. Cross Reference for IATYICTX

Name	Offset	Hex Tag
IATYICTX	0	
ICTXDCBL	7C	58
ICTXID	0	C9C1E3E8
ICTXJDE	298	0
ICTXJICA	E8	0
ICTXJMR	1E8	0
ICTXMLOP	24	
ICTXNEL	80	0
ICTXPDCB	28	
ICTXRPLJ	340	
ICTXRPLS	2F0	
ICTXRSVD	2E4	
ICTXRSVS	2E8	
ICTXRSVU	2EC	
ICTXSAVE	29C	0
ICTXSTRT	0	

IATYIDA information

IATYIDA programming interface information

The following fields are **NOT** programming interface information:

- IDACAPST
- IDACENT1
- IDACICLN
- IDACIOPM
- IDAEIEST

- IDAELBST
- IDAFSSBE
- IDAFSSBS
- IDAFSSDS
- IDAFSSEN
- IDAFSSST
- IDAFSTCK
- IDAPRCCL
- IDAPRCDS
- IDAPRCEN
- IDAPSSCH
- IDARETRY
- IDARQTPM
- IDASCHPM
- IDAXCIO

IATYIDA heading information

Common name:	INTERPRETER DATA AREA
Macro ID:	IATYIDA
DSECT name:	IATIIDA
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Main Storage: SUBPOOL 0 Auxiliary Storage: N/A
Size:	504 Bytes
Created by:	IATINI1
Pointed to by:	TVTIDAAD IN THE IATYTVT R13 FOR THE CI DRIVER FCT
Serialization:	None
Function:	Contains data related to the CI FSS'S which is used by the CI Driver and other functions.

IATYIDA mapping

Table 249. Structure IATIIDA

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATIIDA	INTERPRETER DATA AREA

```
IDAID IATYMOD BR=NO IDENTIFY THE MODULE
                JES3 MODULE ENTRY POINT IDENTIFIER
01 Change Activity:
   $SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0
```

0	(0)	CHARACTER	8	IDAID	MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM

Table 249. Structure IATIIDA (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		CONTROL BLOCK PTRS, CONSTANTS, COUNTS			
36	(24)	SIGNED	2	IDACTRSV	RESERVED
40	(28)	ADDRESS	4	IDAELBST	IATINI1 ECF LIST CONTROL BLOCK
44	(2C)	ADDRESS	4	IDAEIEST	IATINI1 START OF ECF ID ENTRIES
48	(30)	ADDRESS	4	IDACFTST	IATINI1 POINTER TO FIRST CFT
52	(34)	ADDRESS	4	IDACDFCT	IATINI1 CI DRIVER FCT ADDRESS
56	(38)	ADDRESS	4	IDACLDSP	IATINI1 CI CLEANUP DSP DICTIONARY ADDRESS
60	(3C)	SIGNED	4	IDAJORID	IATINI1 JES3 PORTION OF ORDER/ RESPONSE IDENTIFICATION NUMBER (SAME AS CKJORDID)
64	(40)	SIGNED	4	IDAFORID	LAST FSS ORDER/RESPONSE IDENTIFICATION NO. ASSIGNED (SET WHEN AN FSS CONNECTS OR IS FOUND TO BE ACTIVE OVER A JES3 RESTART)
68	(44)	SIGNED	2	IDARSVD2	RESERVED FOR DEVELOPMENT
70	(46)	SIGNED	2	IDAFSSCT	IATINI1 NUMBER OF CI FSS'S
		This line deleted			
72	(48)	SIGNED	4	IDARSVDV(4)	Reserved for IBM
88	(58)	SIGNED	4	IDARSVSV(4)	RESERVED FOR SERVICE
104	(68)	SIGNED	4	IDARSVUS(4)	RESERVED FOR USER
		PROCLIB WORK AREA			
120	(78)	ADDRESS	4	IDAPRCDS	PROCLIB DISABLE CHAIN
124	(7C)	ADDRESS	4	IDAPRCEN	PROCLIB ENABLE CHAIN
128	(80)	SIGNED	2	IDAPRCUP	IIPC/IIEN NUMBER OF PROCLIBS BEING UPDATED
130	(82)	SIGNED	2	IDAPRSRV	RESERVED
		CI SCHEDULING WORK AREA			
132	(84)	SIGNED	4	IDAUXMMK	IATIICS MAINS ELIGIBLE FOR CI, MODIFIED BY IATUX46
		CI DRIVER DSP RESQUEUE CHAINS			
136	(88)	ADDRESS	4	IDAPSCDS	DEMAND SELECT POSTSCAN SCHEDULING CHAIN
140	(8C)	ADDRESS	4	IDAPSCBT	BATCH POSTSCAN SCHEDULING CHAIN
		MODULE AND ROUTINE ENTRY POINTS <MODULE,ROUTINE NAME>			
144	(90)	ADDRESS	4	IDAFSSRC	IATIIFR IATIIFR (FSS RECEIVE) E.P.
148	(94)	ADDRESS	4	IDAXCIO	IATIIOR CI ISSUE ORDER RTN.(IATXCIO)
152	(98)	ADDRESS	4	IDARETRY	IATIICJ CI DRIVER JESTAE RETRY RTN.
156	(9C)	SIGNED	4	IDAFSSBS(0)	START OF IATIIFS SUBROUTINES THESE ARE ORDER DEPENDENT
156	(9C)	ADDRESS	4	IDACICLN	IATIIFS CI JOB CLEANUP ROUTINE
160	(A0)	ADDRESS	4	IDACAPST	IATIIFS CONSOLE APPENDAGE POST RTN.
164	(A4)	ADDRESS	4	IDAPSSCH	IATIIFS POSTSCAN SCHEDULING ROUTINE

Table 249. Structure IATIIDA (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
168	(A8)	ADDRESS	4	IDAFSTCK	IATIIFS FSS START CHECK ROUTINE
172	(AC)	ADDRESS	4	IDAFSSST	IATIIFS FSS STATUS CHANGE ROUTINE
176	(B0)	ADDRESS	4	IDAFSSDS	IATIIFS FSS PROCLIB DISABLE ROUTINE
180	(B4)	ADDRESS	4	IDAFSSEN	IATIIFS FSS PROCLIB ENABLE ROUTINE
184	(B8)	ADDRESS	4	IDAPRCCL	IATIIFS PROCLIB CLEANUP ROUTINE
188	(BC)	ADDRESS	4	IDAFSFLT	IATIIFS *FAIL timer expire routine
192	(C0)	SIGNED	4	IDAFSSBE(0)	END OF IATIIFS SUBROUTINES
192	(C0)	ADDRESS	4	IDARSVFS(3)	Reserved for additional IATIIFS routines
		PARAMETER AREA			
204	(CC)	BITSTRING	16	IDACIOPM	IATXCIO PARAMETER LIST
220	(DC)	BITSTRING	16	IDASCHPM	IATXSCH PARAMETER LIST
236	(EC)	BITSTRING	16	IDARQTPM	RQTAADD/PUT PARAMETER LIST
252	(FC)	BITSTRING	20	IDACFSPA(0)	CI FSS START PARAMETER AREA
252	(FC)	BITSTRING	1	IDASPMLN	START PARAMETER LENGTH
253	(FD)	CHARACTER	7	IDAMODNM	CI FSS INITIALIZATION MODULE, NAME MUST NOT CONTAIN BLANKS
260	(104)	BITSTRING	1	IDASPMRS	RESERVED FOR START PARAMETER
		MISC CONSTANTS			
272	(110)	BITSTRING	1	IDAFRCM	FSS route code mask - set to route code 42 (dest class JES) by IATINI1 during JES3 initialization
		FLAGS			
289	(121)	BITSTRING	1	IDAFLG1	IDA FLAG ONE
		DEFINITION OF IDAFLG1			
		1...		IDAPSCNB	"X'80'" POSTSCAN SCHEDULING ROUTINE PROCESSING BATCH JOBS
		.1..		IDAJBFSS	"X'40'" CURRENT JOB BEING PROCESSED STILL IN FSS ADDRESS SPACE IDACURRQ POINTS TO RESQUEUE
		..1.		IDAFLDMP	"X'20'" *FAIL JOB WITH DUMP
		...1		IDAFL110	"X'10'" RESERVED
		.... 1...		IDAFL108	"X'08'" RESERVED
		.... .1..		IDAFL104	"X'04'" RESERVED
		.... ..1.		IDAFL102	"X'02'" RESERVED
		1		IDAFL101	"X'01'" RESERVED
290	(122)	BITSTRING	1	IDAFLG2	IDA FLAG TWO JESTAE/RECOVERY FLAG
		DEFINITION OF IDAFLG2			
		1...		IDACNMSG	"X'80'" IDACENT1 IS CONSOLE MESSAGE BUFFER
		.1..		IDAPROCT	"X'40'" IDACENT1 IS PROCLIB TABLE
		..1.		IDASTAR	"X'20'" STAGING AREA BEING PROCESSED STAUFLG=STACTIVE FOR THE ACTIVE STAGING AREA

Table 249. Structure IATIIDA (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		...1		IDAINIT	"X'10'" CI DRIVER INITIALIZATION PHASE
		.... 1...		IDAJRTRY	"X'08'" JESTAE RETRY RTN. IN CONTROL
		.... .1..		IDACLNAC	"X'04'" JOB CLEANUP ROUTINE (IDACICLN) IS ACTIVE
		.... ..1.		IDAPRDEC	"X'02'" PROCLIB USE COUNT HAS BEEN DECREMENTED (ON ONLY IF IDACLNAC IS ALSO ON)
		1		IDAFL201	"X'01'" RESERVED
291	(123)	BITSTRING	1	IDAFLG3	IDA FLAG THREE JOB CLEANUP ROUTINE OPTIONS
		DEFINITION OF IDAFLG3			
		1...		IDAPSCJB	"X'80'" SCHEDULE JOB FOR POSTSCAN REQUEST
		.1..		IDARESCI	"X'40'" RETURN THE JOB TO JSS FOR CI RESCHEDULING
		..1.		IDASPRES	"X'20'" RETURN THE JOB TO JSS FOR SPECIALIZED RESCHEDULING
		...1		IDACBCLN	"X'10'" CLEANUP THE JOB'S CONTROL BLOCKS
		.... 1...		IDAJCTFD	"X'08'" UPDATE JCT FDBS FROM RSQ FDBS
		.... .1..		IDAFL304	"X'04'" RESERVED
		.... ..1.		IDAFL302	"X'02'" RESERVED
		1		IDAFL301	"X'01'" RESERVED
292	(124)	BITSTRING	3	IDAFLRSD	RESERVED FOR DEVELOPMENT
295	(127)	BITSTRING	3	IDAFLRSS	RESERVED FOR SERVICE
298	(12A)	BITSTRING	3	IDAFLRSU	RESERVED FOR USER
		GENERAL WORK AREA			
304	(130)	SIGNED	4	IDACURRQ	CURRENT RQ BEING PROCESSED
308	(134)	SIGNED	4	IDACENT1	PTR TO ENTRY BEING PROCESSED
		DM202 REASON CODES			
308	(134)	X'4'	0	IDARXFSS	"4" IATXFSS SEVERE ERROR
308	(134)	X'8'	0	IDARELB	"8" INVALID ELB - IATXELA/ IATXELD/ IATXELS ERROR
308	(134)	X'C'	0	IDARSTAR	"12" INVALID STAGING AREA FOUND
308	(134)	X'10'	0	IDARFSS	"16" INVALID FSS TABLE FOUND
308	(134)	X'14'	0	IDARBDRQ	"20" INVALID RQ FOUND
308	(134)	X'18'	0	IDAREIE	"24" INVALID/MISSING EIE
308	(134)	X'18'	0	IDARCMAX	"24" MAXIMUM REASON CODE
		IATUX46/49 RETURN CODES			
308	(134)	X'0'	0	IDA46J3G	"0" JES3 GLOBAL ADDRESS SPACE IS ELIGIBLE FOR CI
308	(134)	X'4'	0	IDA46NJG	"4" JES3 GLOBAL ADDRESS SPACE IS NOT ELIGIBLE FOR CI
308	(134)	X'10'	0	IDA46DMY	"16" JES3 GLOBAL ADDRESS SPACE IS ELIGIBLE FOR CI, USER EXIT IS A DUMMY EXIT

Table 249. Structure IATIIDA (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
308	(134)	X'0'	0	IDA49ACC	"0" THE DSP HAS BEEN ACCEPTED
308	(134)	X'4'	0	IDA49REJ	"4" THE DSP HAS BEEN REJECTED
308	(134)	X'10'	0	IDA49DMY	"16" THE DSP HAS BEEN ACCEPTED, USER EXIT IS A DUMMY EXIT
		INPUT MESSAGE WORK AREA			
312	(138)	SIGNED	4	IDAREQST(0)	START OF MSG REQUEST FIELDS
312	(138)	CHARACTER	8	IDARQST1	MESSAGE REQUEST FIELD ONE
320	(140)	CHARACTER	8	IDARQST2	MESSAGE REQUEST FIELD TWO
328	(148)	CHARACTER	8	IDARQST3	MESSAGE REQUEST FIELD THREE
336	(150)	CHARACTER	8	IDARQST4	MESSAGE REQUEST FIELD FOUR
344	(158)	SIGNED	4	IDAREQEN(0)	END OF REQUEST FIELDS
344	(158)	X'20'	0	IDAREQSZ	"*-IDAREQST" SIZE OF ALL REQUEST FIELDS
344	(158)	X'8'	0	IDAREQLN	"L'IDARQST1" SIZE OF ONE REQUEST FIELD
		OUTPUT MESSAGE WORK AREA IDAMSGLS MESSAGE TEXT=IDAMSGAR,MF=L MESSAGE PARAMETER LIST $T6=z1.13.0 HJS7780 110309 PD0TN: z 1.13.0			
344	(158)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
344	(158)	ADDRESS	4	IDAMSGLS	Text Address
348	(15C)	BITSTRING	2		Destination Disp and Mask
350	(15E)	BITSTRING	1		ACTION flag
351	(15F)	ADDRESS	1		Options Flag
352	(160)	BITSTRING	2		Descriptor Codes
354	(162)	SIGNED	2		Reserved 2 Bytes
356	(164)	BITSTRING	17		Routing Codes
373	(175)	BITSTRING	1	(3)	Reserved
376	(178)	BITSTRING	1	(8)	Jobid
384	(180)	BITSTRING	1	(8)	Jobname
392	(188)	BITSTRING	1	(8)	Key
400	(190)	ADDRESS	4		CNDB Address 1
404	(194)	ADDRESS	4		CNDB Address 2
408	(198)	ADDRESS	4		CNDB Address 3
412	(19C)	ADDRESS	4		CNDB Address 4
416	(1A0)	ADDRESS	4		CNDB Address 5
420	(1A4)	ADDRESS	4		MLWO Address
424	(1A8)	CHARACTER	121	IDAMSGAR	VARIABLE MESSAGE AREA 0268
		OTHER LIST MACRO LIST FORMS IATXCNDB MF=(L,IDAXCNDB) IATXCNDB LIST FORM MACDATE -94/10/04-<3>			
0	(0)	X'228'	0	M00M0004	"IDAXCNDB" ++ IATXCNDB NAME
552	(228)	DBL WORD	8	IDAXCNDB(0)	++ IATXCNDB PARM LIST
552	(228)	BITSTRING	1	IDAXCNDB_XVERSION	++ INPUT XVERSION
553	(229)	CHARACTER	6	IDAXCNDB_XEYECATCH	++ CONSTANT
559	(22F)	BITSTRING	2	IDAXCNDB_XFLAG1	++ FIELD_LABEL

Table 249. Structure IATIIDA (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
559	(22F)	BITSTRING	0	IDAXCNDB_XOPERATION_INITIALIZE	
					"B'10000000000000000'" ++ XOPERATION.INITIALIZE KEYWORD
559	(22F)	BITSTRING	0	IDAXCNDB_XOPERATION_TRANSFER	
					"B'01000000000000000'" ++ XOPERATION.TRANSFER KEYWORD
559	(22F)	BITSTRING	0	IDAXCNDB_XOPERATION_UPDATE	"B'00100000000000000'" ++ XOPERATION.UPDATE KEYWORD
559	(22F)	BITSTRING	0	IDAXCNDB_XOPERATION_RESET	"B'00010000000000000'" ++ XOPERATION.RESET KEYWORD
559	(22F)	BITSTRING	0	IDAXCNDB_XOPERATION_VERIFY	"B'00001000000000000'" ++ XOPERATION.VERIFY KEYWORD
559	(22F)	BITSTRING	0	IDAXCNDB_XOPERATION_TRANSCONSID	
					"B'00000100000000000'" ++ XOPERATION.TRANSCONSID KEYWORD
559	(22F)	BITSTRING	0	IDAXCNDB_XOPERATION_TRANSROUT	
					"B'00000010000000000'" ++ XOPERATION.TRANSROUT KEYWORD
559	(22F)	BITSTRING	0	IDAXCNDB_XOPERATION_EXTRACTCONSID	
					"B'00000001000000000'" ++ XOPERATION.EXTRACTCONSID KEYWORD
		1...		IDAXCNDB_XOPERATION_EXTRACTCONSNAME	
					"B'00000000100000000'" ++ XOPERATION.EXTRACTCONSNAME KEYWOR
		.1..		IDAXCNDB_XOPERATION_EXTRACTCONSTYPE	
					"B'00000000010000000'" ++ XOPERATION.EXTRACTCONSTYPE KEYWOR
		..1.		IDAXCNDB_XOPERATION_EXTRACTROUT	
					"B'00000000001000000'" ++ XOPERATION.EXTRACTROUT KEYWORD
		...1		IDAXCNDB_XOPERATION_EXTRACTCART	
					"B'00000000000100000'" ++ XOPERATION.EXTRACTCART KEYWORD
561	(231)	BITSTRING	1	IDAXCNDB_XABEND	++ INPUT
		1...		IDAXCNDB_XABEND_YES	"B'10000000'" ++ XABEND.YES KEYWORD
		.1..		IDAXCNDB_XABEND_NO	"B'01000000'" ++ XABEND.NO KEYWORD
562	(232)	BITSTRING	1	IDAXCNDB_XUSERADDR	++ FIELD_LABEL
563	(233)	CHARACTER	1	IDAXCNDB_XRSV001	++ RESERVED
564	(234)	ADDRESS	4	IDAXCNDB_XCNDB	++
568	(238)	ADDRESS	4	IDAXCNDB_XOUTCNDB	++
572	(23C)	ADDRESS	4	IDAXCNDB_XINCNDB	++
576	(240)	ADDRESS	4	IDAXCNDB_XCONSNM	++
580	(244)	ADDRESS	4	IDAXCNDB_XCONSID	++
584	(248)	ADDRESS	4	IDAXCNDB_XOUTCONSID	++
588	(24C)	CHARACTER	2	IDAXCNDB_XRSV002	++ RESERVED
590	(24E)	BITSTRING	1	IDAXCNDB_XFLAG2	++ FIELD_LABEL
		1...		IDAXCNDB_XCMDIND_YES	"B'10000000'" ++ XCMDIND.YES KEYWORD
		.1..		IDAXCNDB_XCMDIND_NO	"B'01000000'" ++ XCMDIND.NO KEYWORD
591	(24F)	BITSTRING	1	IDAXCNDB_XKEYS	++ FIELD_LABEL
		1...		IDAXCNDB_KEYUSED_CMDIND	"B'10000000'" ++ KEYUSED.CMDIND KEYWORD

Table 249. Structure IATIIDA (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
592	(250)	ADDRESS	4	IDAXCNDB_XROUT	++
596	(254)	ADDRESS	4	IDAXCNDB_XCART	++
600	(258)	ADDRESS	4	IDAXCNDB_XOUTCONSNAME	++
604	(25C)	ADDRESS	4	IDAXCNDB_XOUTCONSTYPE	++
608	(260)	ADDRESS	4	IDAXCNDB_XOUTROUT	++
612	(264)	ADDRESS	4	IDAXCNDB_XOUTCART	++
612	(264)	X'40'	0	IDAXCNDBL	"*-IDAXCNDB" ++ LENGTH OF PLIST
				IATXCNDB-3	
		MESSAGE ADCONS			
616	(268)	ADDRESS	4	IDAA4450	MESSAGE IAT4450 ADDRESS
620	(26C)	ADDRESS	4	IDAA4451	MESSAGE IAT4451 ADDRESS
624	(270)	ADDRESS	4	IDAA4452	MESSAGE IAT4452 ADDRESS
		MESSAGES MESSAGE IAT4450			
628	(274)	ADDRESS	1	IAT4450	MESSAGE LENGTH
629	(275)	CHARACTER	39		
668	(29C)	CHARACTER	30	RESN4450	REASON
668	(29C)	X'46'	0	LEN4450	"*-IAT4450" REASON TYPES
698	(2BA)	CHARACTER	30	RCFT4450	
728	(2D8)	CHARACTER	30	RFSS4450	
758	(2F6)	CHARACTER	30	RIDA4450	
788	(314)	CHARACTER	30	RPRC4450	
818	(332)	CHARACTER	30	RRSQ4450	
848	(350)	CHARACTER	1	RSTA4450	
		MESSAGE IAT4451			
878	(36E)	ADDRESS	1	IAT4451	MESSAGE LENGTH
879	(36F)	CHARACTER	40		
919	(397)	CHARACTER	80	TEXT4451	INVALID TEXT
919	(397)	X'79'	0	LEN4451	"*-IAT4451"
		MESSAGE IAT4452			
999	(3E7)	ADDRESS	1	IAT4452	MESSAGE LENGTH
1000	(3E8)	CHARACTER	15		
1015	(3F7)	CHARACTER	8	FSNM4452	FSSNAME
1023	(3FF)	CHARACTER	18		
1023	(3FF)	X'2A'	0	LEN4452	"*-IAT4452" COMPLETION TYPES
		Work area for IATGRJA (CSBTUPDT and CSBTRCVY)			
1041	(411)	BITSTRING	3	IDARSVD3	Reserved (alignment)
1044	(414)	BITSTRING	0	IDAWRK(0)	Work area
1044	(414)	ADDRESS	4	IDAFCTAD	FCT address
1048	(418)	ADDRESS	4	IDATVTAD	TVT address
1052	(41C)	BITSTRING	12	IDAFDBW1	Work FDB for IATGRJA

Table 249. Structure IATIIDA (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1064	(428)	BITSTRING	1	IDAFDBW2	Work FDB for IATGRJA
1064	(428)	X'20'	0	IDAWRKL	"*-IDAFCTAD" Work area length
1076	(434)	SIGNED	4	IDAEND(0)	END OF IDA
1076	(434)	BITSTRING	1	IDALEN(0)	LENGTH OF IDA

Table 250. Cross Reference for IATYIDA

Name	Offset	Hex Tag
FSNM4452	3F7	40404040
IATIIDA	0	
IAT4450	274	
IAT4451	36E	
IAT4452	3E7	
IDAA4450	268	
IDAA4451	26C	
IDAA4452	270	
IDACAPST	A0	
IDACBCLN	123	10
IDACDFCT	34	
IDACENT1	134	0
IDACFSPA	FC	
IDACFTST	30	
IDACICLN	9C	
IDACIOPM	CC	0
IDACLDSP	38	
IDACLNAC	122	4
IDACNMSG	122	80
IDACTRSV	24	0
IDACURRQ	130	0
IDAEIEST	2C	
IDAELBST	28	
IDAEND	434	
IDAFCTAD	414	
IDAFDBW1	41C	0
IDAFDBW2	428	0
IDAFLDMP	121	20
IDAFLG1	121	0
IDAFLG2	122	0
IDAFLG3	123	0
IDAFLRSD	124	0
IDAFLRSS	127	0
IDAFLRSU	12A	0
IDAFL101	121	1
IDAFL102	121	2
IDAFL104	121	4
IDAFL108	121	8

Table 250. Cross Reference for IATYIDA (continued)

Name	Offset	Hex Tag
IDAFL110	121	10
IDAFL201	122	1
IDAFL301	123	1
IDAFL302	123	2
IDAFL304	123	4
IDAFORID	40	0
IDAFRCM	110	0
IDAFSFLT	BC	
IDAFSSBE	C0	
IDAFSSBS	9C	
IDAFSSCT	46	0
IDAFSSDS	B0	
IDAFSSEN	B4	
IDAFSSRC	90	
IDAFSSST	AC	
IDAFSTCK	A8	
IDAID	0	C9C1E3C9
IDAINIT	122	10
IDAJBFSS	121	40
IDAJCTFD	123	8
IDAJORID	3C	0
IDAJRTRY	122	8
IDALEN	434	
IDAMODNM	FD	C9C1E3C9
IDAMSGAR	1A8	40404040
IDAMSGLS	158	
IDAPRCCL	B8	
IDAPRCDS	78	
IDAPRCEN	7C	
IDAPRCUP	80	0
IDAPRDEC	122	2
IDAPROCT	122	40
IDAPRSRV	82	0
IDAPSCBT	8C	
IDAPSCDS	88	
IDAPSCJB	123	80
IDAPSCNB	121	80
IDAPSSCH	A4	
IDARBDRQ	134	14
IDARCMAX	134	18
IDAREIE	134	18
IDARELB	134	8
IDAREQEN	158	
IDAREQLN	158	8
IDAREQST	138	
IDAREQSZ	158	20

Table 250. Cross Reference for IATYIDA (continued)

Name	Offset	Hex Tag
IDARESCI	123	40
IDARETRY	98	
IDARFSS	134	10
IDARQST1	138	40404040
IDARQST2	140	40404040
IDARQST3	148	40404040
IDARQST4	150	40404040
IDARQTPM	EC	0
IDARSTAR	134	C
IDARSVDV	48	0
IDARSVD2	44	0
IDARSVD3	411	0
IDARSVFS	C0	
IDARSVSV	58	0
IDARSVUS	68	0
IDARXFSS	134	4
IDASCHPM	DC	0
IDASPMLN	FC	7
IDASPMRS	104	
IDASPRES	123	20
IDASTAR	122	20
IDATVTAD	418	
IDAUXMMK	84	0
IDAWRK	414	
IDAWRKL	428	20
IDAXCIO	94	
IDAXCNDB	228	
IDAXCNDB_KEYUSED_CMDIND	24F	80
IDAXCNDB_XABEND	231	
IDAXCNDB_XABEND_NO	231	40
IDAXCNDB_XABEND_YES	231	80
IDAXCNDB_XCART	254	
IDAXCNDB_XCMDIND_NO	24E	40
IDAXCNDB_XCMDIND_YES	24E	80
IDAXCNDB_XCNDB	234	
IDAXCNDB_XCONSID	244	
IDAXCNDB_XCONSNM	240	
IDAXCNDB_XEYECATCH	229	
IDAXCNDB_XFLAG1	22F	
IDAXCNDB_XFLAG2	24E	
IDAXCNDB_XINCNDB	23C	
IDAXCNDB_XKEYS	24F	
IDAXCNDB_XOPERATION_EXTRACTCART	0	10
IDAXCNDB_XOPERATION_EXTRACTCONSID	22F	100
IDAXCNDB_XOPERATION_EXTRACTCONSNAME	22F	80
IDAXCNDB_XOPERATION_EXTRACTCONSTYPE	0	40

Table 250. Cross Reference for IATYIDA (continued)

Name	Offset	Hex Tag
IDAXCNDB_XOPERATION_EXTRACTROUT	0	20
IDAXCNDB_XOPERATION_INITIALIZE	22F	8000
IDAXCNDB_XOPERATION_RESET	22F	1000
IDAXCNDB_XOPERATION_TRANSCONSID	22F	400
IDAXCNDB_XOPERATION_TRANSFER	22F	4000
IDAXCNDB_XOPERATION_TRANSROUT	22F	200
IDAXCNDB_XOPERATION_UPDATE	22F	2000
IDAXCNDB_XOPERATION_VERIFY	22F	800
IDAXCNDB_XOUTCART	264	
IDAXCNDB_XOUTCNDB	238	
IDAXCNDB_XOUTCONSID	248	
IDAXCNDB_XOUTCONSNAME	258	
IDAXCNDB_XOUTCONSTYPE	25C	
IDAXCNDB_XOUTROUT	260	
IDAXCNDB_XROUT	250	
IDAXCNDB_XRSV001	233	
IDAXCNDB_XRSV002	24C	
IDAXCNDB_XUSERADDR	232	
IDAXCNDB_XVERSION	228	
IDAXCNDBL	264	40
IDA46DMY	134	10
IDA46J3G	134	0
IDA46NJG	134	4
IDA49ACC	134	0
IDA49DMY	134	10
IDA49REJ	134	4
LEN4450	29C	46
LEN4451	397	79
LEN4452	3FF	2A
M00M0004	0	228
RCFT4450	2BA	C9D5E5C1
RESN4450	29C	40404040
RFSS4450	2D8	C9D5E5C1
RIDA4450	2F6	C9D5E5C1
RPRC4450	314	C9D5E5C1
RRSQ4450	332	C9D5E5C1
RSTA4450	350	C9D5E5C1
TEXT4451	397	40404040

IATYIDD information

IATYIDD programming interface information

The following fields are **NOT** programming interface information:

- *17648TAA
- *17648TAA

- *17648TAA
- IDDATIME
- IDDBSIOT
- IDDCCHNA
- IDDCCSCT
- IDDCLOC1
- IDDCLOC2
- IDDCMPRM
- IDDCMRES
- IDDCMRTN
- IDDCONS
- IDDCONS1
- IDDCONS2
- IDDCONV
- IDDCORSI
- IDDCSCT
- IDDCSIOT
- IDDCSS
- IDDDFUNT
- IDDDSKBF
- IDDFUENT
- IDDHEADP
- IDDICAAD
- IDDIICMW
- IDDIIOSW
- IDDIISP
- IDDIITA
- IDDIJA
- IDDIJB
- IDDIM1A
- IDDIM2A
- IDDINTP
- IDDJELBC
- IDDLOCWK
- IDDLRVCT
- IDDMINLV
- IDDNSCTP
- IDDNUENT
- IDDOSRTN
- IDDPCAT
- IDDPCATE
- IDDPRCAD
- IDDPRDSK

- IDDQMST
- IDDRPL
- IDDSSIPM
- IDDSSOB
- IDDSSSA
- IDDSSSAK
- IDDSVSIO
- IDDSWBUF
- IDDSWIOT
- IDDSYMBC
- IDDTRAVP
- IDDUEPTR
- IDDVAT

IATYIDD heading information

Common name:	INTERPRETER DSP DATA AREA
Macro ID:	IATYIDD
DSECT name:	ACTDSTRT, IATYIDD
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	IDD Offset: IDDID Length: 4
Storage attributes:	Main Storage: SUBPOOL 0 - below 16M Auxiliary Storage: SPOOL (from Label IDDCHKST to Label IDDCKEND)
Size:	1516 Bytes
Created by:	AGETMAIN IN IATIIDR
Pointed to by:	R13 of CI, POSTSCAN, and CICLENUP DSPS ICTIDD IN MODULE IATIICT
Serialization:	None
Function:	Contains Data, work areas and status flags used by the CI, POSTSCAN, and CICLENUP DSPS.

IATYIDD mapping

Table 251. Structure ACTDSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	ACTDSTRT	ACT COMPATABILITY MAPPING 0186
0	(0)	CHARACTER	20	ACTDPRGN	PROGRAMMER'S NAME 0186
20	(14)	CHARACTER	4	ACTDTIME	JOB TIME LIMIT 0186
24	(18)	CHARACTER	1	ACTDNUM	NUM OF JOB ACCT FIELDS 0186
25	(19)	CHARACTER	144	ACTDACNT	REST OF JOB ACCT. INFO 0186

Table 252. Structure IATYIDD

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATYIDD	
0	(0)	CHARACTER	4	IDDID	IDENTIFIER FOR IDD

Table 252. Structure IATYIDD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		LIFE OF DSP WORK AREA			
4	(4)	BITSTRING	1	IDDLSTRT(0)	LIFE OF DSP WORK AREA START
4	(4)	CHARACTER	8	IDDJOBNM	JOB NAME
12	(C)	CHARACTER	8	IDDJBID	JOB ID
20	(14)	SIGNED	4	IDDBJBNO	Job number (in binary)
24	(18)	CHARACTER	8	IDDTSOID	TSO USER ID
32	(20)	CHARACTER	8	IDDDJCID	DJC NET ID
40	(28)	CHARACTER	8	IDDRUSER	RACF USER ID
48	(30)	CHARACTER	8	IDDRGRP	RACF GROUP ID
56	(38)	CHARACTER	8	IDDNODE	NODE ID FOR DATA SET
64	(40)	CHARACTER	8	IDDSNODE	SUBMITTING NODE FOR JOB
72	(48)	ADDRESS	4	IDDSTPTR	POINTER TO THE SYMBOL TABLE 0038
76	(4C)	SIGNED	4	IDDRSVD	RESERVED FOR DEVELOPMENT 0038
80	(50)	SIGNED	4	IDDTVT	TVT ADDRESS
84	(54)	SIGNED	4	IDDICT	ICT ADDRESS
88	(58)	SIGNED	4	IDDUSAVE(18)	USER EXIT SAVE AREA 3361
160	(A0)	CHARACTER	44	IDDDSN	DATA SET BUILD AREA
208	(D0)	DBL WORD	8	IDDACHX(2)	WORK AREAS FOR CONVERTING
224	(E0)	SIGNED	4	IDDWCHX	BINARY TO HEX
		ECF LIST 3			
228	(E4)	SIGNED	4	IDDECFLS(5)	START OF ECF LIST
228	(E4)	X'E4'	0	IDDECF1	"IDDECFLS" ECF ADDRESS ONE
228	(E4)	X'EB'	0	IDDECFM1	"IDDECFLS+7" ECF MASK ONE
228	(E4)	X'EC'	0	IDDECF2	"IDDECFLS+8" ECF ADDRESS TWO
228	(E4)	X'F3'	0	IDDECFM2	"IDDECFLS+15" ECF MASK TWO
228	(E4)	X'F4'	0	IDDECFTM	"IDDECFLS+16" ECF LIST TERMINATOR
228	(E4)	X'E4'	0	IDDLOCWT	"IDDECFLS" AWAIT LIST ACROSS LOCATE
228	(E4)	X'E4'	0	IDDLECF1	"IDDECFLS" ECF ONE
228	(E4)	X'EB'	0	IDDLMSK1	"IDDECFLS+7" ECF MASK ONE
228	(E4)	X'EC'	0	IDDLECF2	"IDDECFLS+8" ECF TWO
228	(E4)	X'F3'	0	IDDLMSK2	"IDDECFLS+15" ECF MASK TWO
228	(E4)	X'F4'	0	IDDLOEND	"IDDECFLS+16" ECF LIST TERMINATOR
248	(F8)	SIGNED	4	IDDADRLM	MAX ADDRESS SPACE JCL STATEMENT LIMIT
252	(FC)	SIGNED	4	IDDJOBLM	MAX JOB JCL STATEMENT LIMIT
256	(100)	SIGNED	4	IDDJOBCT	JOB JCL STATEMENT COUNT
260	(104)	SIGNED	4	IDDMSAV(3)	SAVE AREA FOR MESSAGE ROUTINE (IATIIMS)
260	(104)	X'104'	0	IDDMSAV0	"IDDMSAV,4" REGISTER ZERO
260	(104)	X'108'	0	IDDMSAV1	"IDDMSAV+4,4" REGISTER ONE
260	(104)	X'10C'	0	IDDMSAV2	"IDDMSAV+8,4" REGISTER TWO
260	(104)	X'10C'	0	IDDNMVAR	"IDDMSAV+8,1" NUMBER OF VARIABLES
260	(104)	X'10F'	0	IDDOPTIN	"IDDMSAV+11,1" IATXIWT OPTIONS BYTE
272	(110)	SIGNED	4	IDDWSAV5	REG SAVE AREA
276	(114)	SIGNED	4	IDDWSAV6	REG SAVE AREA

Table 252. Structure IATYIDD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
280	(118)	SIGNED	4	IDDWSAV7	REG SAVE AREA
284	(11C)	SIGNED	4	IDDWSAV8	REG SAVE AREA
288	(120)	SIGNED	4	IDDWSAV9	REG SAVE AREA
292	(124)	SIGNED	4	IDDCPUID	JOB MAIN MASK
296	(128)	SIGNED	4	IDDSMFU	PTR TO SMF USER DATA AREA
300	(12C)	SIGNED	4	IDDFCT	FCT ADDRESS OF THIS DSP
304	(130)	SIGNED	4	IDDRSAV(10)	REGISTER STORAGE
344	(158)	SIGNED	2	IDDPACID	CI PARM ID
346	(15A)	SIGNED	2	IDDPRCID	PROCLIB ID (IATPLBXX)
348	(15C)	CHARACTER	1	IDDJCLAS	JOB CLASS
349	(15D)	CHARACTER	1	IDDJPRTY	JOB PRIORITY
350	(15E)	CHARACTER	1	IDDDBGCL	DEBUG CLASS
351	(15F)	CHARACTER	1	IDDJMSGC	JOB MESSAGE CLASS
IDDATIME ATIME MF=L $TP= z2.3.0 HJS77B0 170222 PD0TN: z 2.3.0					
352	(160)	SIGNED	4	(0)	ALIGNMENT
352	(160)	BITSTRING	4	IDDATIME	ID
356	(164)	SIGNED	4		TIME OR TOD VALUE
360	(168)	ADDRESS	4		ECF OR ENTER ADDRESS
364	(16C)	ADDRESS	1		FLAG BYTE1
365	(16D)	ADDRESS	1		FLAG BYTE2
366	(16E)	ADDRESS	1		ECF MASK FOR POST REQUEST
367	(16F)	ADDRESS	1		Flag byte 3
368	(170)	ADDRESS	4		FCT ADDRESS
372	(174)	ADDRESS	4	IDDRAB	RAB ADDRESS (IN SUBPOOL 241 OR ZERO)
376	(178)	SIGNED	4	IDDPRDSK	ADDRESS OF IJS ENTRY WHICH IS THE TOP OF THE PREV STK
380	(17C)	SIGNED	4	IDDLRSVU(2)	RESERVED FOR USER
388	(184)	BITSTRING	1	IDDMODE	CI/POSTSCAN DSP MODE
DEFINITION OF IDDMODE					
		1...		IDDJS3CI	"X'80'" JES3 CI MVS CI, PRESCAN AND POSTSCAN IN JES3 GLOBAL ADDRESS SPACE
		.1..		IDDFSSCI	"X'40'" FSS CI MVS CI, PRESCAN AND POSTSCAN IN AN FSS ADDRESS SPACE
		..1.		IDDPSTCN	"X'20'" POSTSCAN POSTSCAN IN THE JES3 ADDRESS SPACE FOR A JOB WHICH HAD MVS CI, PRESCAN AND LOCATE IN FSS ADDRESS SPACE
		...1		IDDRESHP	"X'10'" RESCHEDULE POSTSCAN FOR A JOB WHICH HAS BEEN RESCHEDULED (E.G. DJC)
		.... 1...		IDDCFDSL	"X'08'" CIFSS DMSEL DEMAND SELECT JOB USED TO START A CI FSS ADDRESS SPACE IT USES THE CI SUBTASK RESERVED FOR THIS PURPOSE
		.... .1..		IDDCLCAN	"X'04'" CLEANUP & PERFORM CLEANUP PROCESSING CANCEL AND RETURN THE JOB TO JSS FOR CANCEL PROCESSING

Table 252. Structure IATYIDD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... ..1.		IDDCLRSC	"X'02'" CLEANUP & PERFORM CLEANUP PROCESSING RESCHEDULE AND RETURN THE JOB TO JSS FOR SPECIALIZED RESCHEDULING
389	(185)	BITSTRING	1	IDDFTRC1	FUNCTION TRACE #1
		DEFINITION OF IDDFTRC1			
		1...		IDDQHOLD	"X'80'" QUIESCE BIT HOLDER
		.1..		IDDIACT	"X'40'" INTERPRETER IS ACTIVE
		..1.		IDDFSCIR	"X'20'" THE CI SUBTASK USED TO START CI FSS ADDRESS SPACES IS NOT IN USE (TVTFSCIU HAS BEEN RESET)
		...1		IDDCSBT	"X'10'" CSBT FOR JST CREATED 0531
		.... 1...		IDDFPUSE	"X'08'" PROC USE NOT DECREMENTED
		.... .1..		IDDFDUSE	"X'04'" DSP USE NOT DECREMENTED
		.... ..1.		IDDCTINC	"X'02'" ADDRESS SPACE JCL STATEMENT COUNT WAS INCREMENTED
		1		IDDCNOFF	"X'01'" WAITING FOR CANCEL (SET WHEN AWAIT TYPE=OFF LOGIC IS USED)
390	(186)	BITSTRING	1	IDDFTRC2	FUNCTION TRACE#2
		DEFINITION OF IDDFTRC2			
391	(187)	BITSTRING	1	IDDMTRC1	MODULE TRACE #1
		DEFINITION OF IDDMTRC1			
		1...		IDDMIIPN	"X'80'" IATIIPN IS IN STORAGE
		.1..		IDDMIICC	"X'40'" IATIICC IS IN STORAGE
		..1.		IDDMIIJT	"X'20'" IATIIJT IS IN STORAGE 2798
		...1		IDDIIPRE	"X'10'" IATIIPRE IS IN STORAGE (IATIIPR,IATIICM AND IATIISP ARE ALL LOADED IN IATIIPRE)
		.... 1...		IDDMT108	"X'08'" RESERVED
		.... .1..		IDDMT104	"X'04'" RESERVED
		.... ..1.		IDDMIIP1	"X'02'" IATIIP1 IS IN STORAGE
		1		IDDMIIP2	"X'01'" IATIIP2 IS IN STORAGE
392	(188)	BITSTRING	1	IDDMTRC2	MODULE TRACE #2
		DEFINITION OF IDDMTRC2			
		1...		IDDMIICA	"X'80'" IATIICA IS IN STORAGE
		.1..		IDDMIIP3	"X'40'" IATIIP3 IS IN STORAGE
		..1.		IDDMIIP0	"X'20'" IATIIP0 IS IN STORAGE (IATIIP0, IATIIP0X AND IATIIPL ARE ALL LOADED IN IATIIP0)
		...1		IDDMINAT	"X'10'" IATINAT IS IN STORAGE
		.... 1...		IDDMIIOS	"X'08'" IATIIOS IS IN STORAGE
		.... .1..		IDDMT204	"X'04'" RESERVED
		.... ..1.		IDDMT202	"X'02'" RESERVED
		1		IDDMT201	"X'01'" RESERVED
393	(189)	BITSTRING	1	IDDMTRC3	MODULE TRACE #3

Table 252. Structure IATYIDD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF IDDMTRC3			
		1...		IDDMIICX	"X'80'" IATIICX IS IN STORAGE
		THIS LINE DELETED BY PH90046 0			
		..1.		IDDMQMST	"X'20'" JES3 QMST IN STORAGE IEFQBJST
		...1		IDDMCONV	"X'10'" MVS CONVERTER IS IN STORAGE
		.... 1...		IDDMINTP	"X'08'" MVS INTERPRETER IS IN STORAGE (OBSOLETE)
		.... .1..		IDDSWAPR	"X'04'" SWA PROCESSING IN PROGRESS
		.... ..1.		IDDSKDSK	"X'02'" THERE IS NO IJS, SO SKIP DATA SET STACKING PROCESS
		1		IDDMT301	"X'01'" RESERVED
394	(18A)	BITSTRING	1	IDDDTRC1	DATA SET TRACE
		DEFINITION OF IDDDTRC1			
		1...		IDDDJCLI	"X'80'" JESJCLIN IS OPEN
		.1..		IDDDJCBL	"X'40'" JCBLOCK IS OPEN
		..1.		IDDDXPRT	"X'20'" DEBUG FILE IS OPEN 2669 (IATXPRT TYPE=OPEN ISSUED)
		...1		IDDDSYSM	"X'10'" JESYSMSG IS OPEN
		.... 1...		IDDDJDAB	"X'08'" JDAB IS IN STORAGE
		.... .1..		IDDDJDPB	"X'04'" JDAB PARM BUFFER IN STORAGE
		.... ..1.		IDDDJPFP	"X'02'" JDAB PARM BUFFER IS PRESENT
		1		IDDDOSWB	"X'01'" OUTPUT SWB MRF IS OPEN 3361
395	(18B)	BITSTRING	1	IDDDTRC2	DATA SET TRACE #2
		DEFINITION OF IDDDTRC2			
		1...		IDDDJESM	"X'80'" JESMSGLG IS OPEN
		.1..		IDDDJESJ	"X'40'" JESJCL IS OPEN
		..1.		IDDDJMR	"X'20'" JMR IS IN STORAGE
		...1		IDDDJSW	"X'10'" JSW IS IN STORAGE
		.... 1...		IDDDSYSI	"X'08'" SYSIN DATASETS HELD
		.... .1..		IDDDDSK	"X'04'" JOB'S DSK IS IN STORAGE
		.... ..1.		IDDDT202	"X'02'" RESERVED 0143
		1		IDDDT201	"X'01'" RESERVED
396	(18C)	BITSTRING	1	IDDDTRC3	DATA SET TRACE #3
		DEFINITION OF IDDDTRC3			
		1...		IDDDJST1	"X'80'" JOB'S JST IS IN STORAGE
		.1..		IDDDJVT1	"X'40'" JOB'S JVT IS IN STORAGE
		..1.		IDDDLVS1	"X'20'" JOB'S LVS IS IN STORAGE
		...1		IDDDIJS1	"X'10'" JOB'S IJS IS IN STORAGE
		.... 1...		IDDDJST2	"X'08'" CATALOG'S JST IS IN STORAGE
		.... .1..		IDDDJVT2	"X'04'" CATALOG'S JVT IS IN STORAGE
		.... ..1.		IDDDLVS2	"X'02'" CATALOG'S LVS IS IN STORAGE

Table 252. Structure IATYIDD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1		IDDDIJS2	"X'01'" CATALOG'S IJS IS IN STORAGE
397	(18D)	BITSTRING	1	IDDPTRCE	PHASE TRACE
		DEFINITION OF IDDPTRCE			
		1...		IDDPINT	"X'80'" INTERPRETER PHASE
		.1..		IDDPPRE	"X'40'" PRESCAN PHASE
		..1.		IDDPPOST	"X'20'" POST SCAN PHASE
		...1		IDDPBEG	"X'10'" BEGINNING FUNCTIONS
		.... 1...		IDDPENDF	"X'08'" ENDING FUNCTIONS PHASE
		.... .1..		IDDPJEST	"X'04'" JESTAE HAS OCCURRED
		.... ..1.		IDDPHT02	"X'02'" RESERVED
		1		IDDPHT01	"X'01'" RESERVED
398	(18E)	BITSTRING	1	IDDCTRCE	CORE TRACE
		DEFINITION OF IDDCTRCE			
		1...		IDDSWAIU	"X'80'" SWA SUBPOOL IS IN USE
		.1..		IDDCRT40	"X'40'" RESERVED
		..1.		IDDCPCAT	"X'20'" PASS/CAT TBL IS GETMAINED
		...1		IDDRB241	"X'10'" RAB GETMAINED IN SUBPOOL 241
		.... 1...		IDDCMVS	"X'08'" MVS LOC RESP IN CORE
		.... .1..		IDDCUTB	"X'04'" HWS UNIT TABLE
		.... ..1.		IDDCRT02	"X'02'" RESERVED
		1		IDDCRT01	"X'01'" RESERVED
399	(18F)	BITSTRING	1	IDDCXFLG	DSNAME CHECK FLAG IN IICX
		DEFINITION OF IDDCXFLG			
		1...		IDDCXSGN	"X'80'" SYSTEM GENERATED DSNAME
		.1..		IDDCXEND	"X'40'" APPEND DATA SET NAME TO THE END OF THE MVS CI/TEXT
		..1.		IDDCXSER	"X'20'" DSNAME SYNTAX ERROR FOUND
		...1		IDDCXSOK	"X'10'" DSNAME SYNTAX OK
		.... 1...		IDDPRNAM	"X'08'" Use PROCxx as proclib ddname (where xx = IDDPRCID)
		.... .1..		IDDSYMBL	"X'04'" Instream data set found with SYMBOLS= keyword
		.... ..1.		IDDCXF02	"X'02'" Reserved for IBM
		1		IDDCXF01	"X'01'" Reserved for IBM
400	(190)	BITSTRING	1	IDDRSV10	RESERVED
		THIS FIELD HOLDS THE DEFAULT UNIT RETURNED FROM AN EDTINFO INVOCATION. EDTINFO IS INVOKED WHEN A DD HAS UNIT=AFF CODED, THE UNIT AFFINITY IS BROKEN AND THE REFERENCED DD HAS NO UNIT INFORMATION TO BE USED BY THE REFERENCING DD.			
401	(191)	CHARACTER	8	IDDDFUNT	HOLDS THE DEFAULT UNIT RETURNED FROM EDTINFO
		START OF THE CHECKPOINTED SECTION OF THE IDD			
416	(1A0)	DBL WORD	8	IDDCHKST(0)	START OF CHECKPOINTED IDD

Table 252. Structure IATYIDD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
416	(1A0)	BITSTRING	1	IDDETRC1	END PROCESSING TRACE #1
		DEFINITION OF IDDETRC1			
		1...		IDDJFLSH	"X'80'" JOB IS TO BE FLUSHED
		.1..		IDDIFLSH	"X'40'" JOB IS INP. SERV. FLUSHED
		..1.		IDDCFLSH	"X'20'" FLUSH CONTROL BLOCKS
		...1		IDDJCLT	"X'10'" JCLTEST WAS SPECIFIED
		.... 1...		IDDJSTT	"X'08'" JSTTEST WAS SPECIFIED
		.... .1..		IDDRESCH	"X'04'" RESCHEDULE THIS DSP
		.... ..1.		IDDCXERR	"X'02'" ERROR FOUND DURING IATIICX
		1		IDDCXUFL	"X'01'" JOB FAILED BY USER EXIT (CALLED BY IATIICX)
417	(1A1)	BITSTRING	1	IDDETRC2	END PROCESSING TRACE #2
		DEFINITION OF IDDETRC2			
		1...		IDDOPCAN	"X'80'" OPERATOR CANCEL RECEIVED
		.1..		IDDOPFL	"X'40'" PROC OPEN FAILURE
		..1.		IDDJSMCL	"X'20'" JESMSGLG CLOSE BIT
		...1		IDDCATAE	"X'10'" CATALOG ALLOCATION ERROR
		.... 1...		IDD80A	"X'08'" MVS INTERPRETER NO STORAGE INDICATOR *
		.... .1..		IDDNOUNT	"X'04'" NO UNIT IN EDT ON THIS MAIN
		.... ..1.		IDDJOBEX	"X'02'" JOB JCL LIMIT WAS EXCEEDED
		1		IDDADREX	"X'01'" ADDRESS SPACE JCL LIMIT WAS EXCEEDED
418	(1A2)	BITSTRING	1	IDDBTRC1	DEBUG TRACE #1
		DEFINITION OF IDDBTRC1			
		1...		IDDBCOMP	"X'80'" COMPAT. MODULE TRACE
		.1..		IDDBLOC	"X'40'" LOCATE INTERFACE TRACE
		..1.		IDDBJST	"X'20'" JST CREATE TRACE
		...1		IDDBJVT	"X'10'" JVT CREATE TRACE
		.... 1...		IDDBPCAT	"X'08'" PASS/CAT TABLE TRACE
		.... .1..		IDDBIJS	"X'04'" IJS CREATE TRACE
		.... ..1.		IDDBSWB	"X'02'" SWB TRACE 3223
		1		IDDBCKPT	"X'01'" FINAL BUFFER TRACE
		1111 1111		IDDBALL	"X'FF'" TRACE ALL CONTROL BLOCKS 3223
419	(1A3)	BITSTRING	1	IDDBTRC2	DEBUG TRACE #2
		DEFINITION OF IDDBTRC2			
		1...		IDDBT280	"X'80'" RESERVED FOR DEVELOPMENT 0633
		.1..		IDDBT240	"X'40'" RESERVED 2819
		..1.		IDDBT220	"X'20'" RESERVED 2819
		...1		IDDBT210	"X'10'" RESERVED 2819
		.... 1...		IDDBT208	"X'08'" RESERVED 2819
		.... .1..		IDDBT204	"X'04'" RESERVED 2819

Table 252. Structure IATYIDD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... ..1.		IDDBT202	"X'02'" RESERVED 2819
		1		IDDBT201	"X'01'" RESERVED 2819
420	(1A4)	BITSTRING	1	IDDGTRC1	GENERAL TRACE #1
		DEFINITION OF IDDGTRC1			
		1...		IDDCRCHK	"X'80'" CANCEL RING CHECK
		.1..		IDDJLOCR	"X'40'" JOB LOCATE PROCESSING IS REQUIRED (AN LVS DATASET ENTRY WAS CREATED)
		..1.		IDDCIRES	"X'20'" JOB SHOULD BE RESCHEDULED THROUGH CI
		...1		IDDGNOXP	"X'10'" NO EXPD CHECK
		.... 1...		IDDGTSOL	"X'08'" JOB IS TSO LOGON
		.... .1..		IDDGSMF	"X'04'" SMF PROCESSING
		.... ..1.		IDDGSTCT	"X'02'" SPECIAL STEPCAT PROCESSING
		1		IDDGHWAL	"X'01'" NO UTB ENTS FOR ENTIRE STEP
421	(1A5)	BITSTRING	1	IDDGTRC2	GENERAL TRACE #2
		DEFINITION OF IDDGTRC2			
		1...		IDDAFOLD	"X'80'" JOB AFF'S TO AN OLD DATASET
		.1..		IDDGDSEL	"X'40'" DEMAND SELECT JOB
		..1.		IDDNOMPL	"X'20'" NO ELIGIBLE MAIN FOUND 0181 TO PERFORM LOCATE 0181
		...1		IDDSWA	"X'10'" SWA ABOVE LINE FOR THIS JOB
		.... 1...		IDDLOCMP	"X'08'" LOCATE PROCESSING SUCCESSFULLY COMPLETED
		.... .1..		IDDDMDAL	"X'04'" DEMAND ALLOCATION REQUEST SPECIFIED WITHIN JOB
		.... ..1.		IDDNOSMS	"X'02'" NO SMS CATALOG REQUIREMENTS
		1		IDDSMSRS	"X'01'" JOB SHOULD BE RESCHEDULED DUE TO UNAVAILABLE SMS MANAGED CATALOGS
422	(1A6)	BITSTRING	1	IDDGTRC3	GENERAL TRACE #3
		DEFINITION OF IDDGTRC3			
		1...		IDDCLOCC	"X'80'" CATALOG LOCATE PROCESSING IS COMPLETE (THE LOCATES FOR THE JOBCAT AND STEPCAT CATALOGS IS COMPLETE) 0483
		.1..		IDDCASMS	"X'40'" SMS WAS ACTIVE DURING MVS 0483 C/I AND PRESCAN. THIS IS 0483 USED FOR JOBS THAT HAVE 0483 BEEN RESCHEDULED. IF SMS 0483 IS ACTIVE AT THE TIME THE 0483 JOB REENTERS C/I FOR 0483 POSTSCAN PROCESSING, THE 0483 JOB WILL BE RESTARTED THRU 0483 C/I PROCESSING 0483 0483
		..1.		IDDTYPSC	"X'20'" THIS JOB HAS TYPRUN=SCAN CODED ON THE JOB CARD
		...1		IDDGTTMM	"X'10'" JOB USED TMM PATH DURING CI PROCESSING
		.... 1...		IDDCISYM	"X'08'" Batch job's class specifies 18588TAC SYSSYM=BATCH - so system 18588TAA symbol table will be 18588TAA passed to MVS C/I 18588TAA

Table 252. Structure IATYIDD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... .1..		IDDLRL10	"X'04'" LOCATE DONE ON JES3 R10 OR HIGHER (SMS UNIT AFF SSI SUPPORTED)
		.... ..1.		IDDJSAM	"X'02'" POSTSCAN should be delayed 0082 due to CI JSAM buffer 0082 usage 0082
		1		IDDGT301	"X'01'" RESERVED
423	(1A7)	BITSTRING	1	IDDGTRC4	GENERAL TRACE #4
		DEFINITION OF IDDGTRC4			
		1...		IDDGT480	"X'80'" RESERVED
		.1..		IDDGT440	"X'40'" RESERVED
		..1.		IDDGT420	"X'20'" RESERVED
		...1		IDDGT410	"X'10'" RESERVED
		.... 1...		IDDGT408	"X'08'" RESERVED
		.... .1..		IDDGT404	"X'04'" RESERVED
		.... ..1.		IDDGT402	"X'02'" RESERVED
		1		IDDGT401	"X'01'" RESERVED
		COMMON WORK AREA ACROSS PHASES			
424	(1A8)	SIGNED	4	IDDCWKAR(0)	START OF COMMON WORK AREA
424	(1A8)	SIGNED	4	IDDICAAD	IATIICA PTR
428	(1AC)	SIGNED	4	IDDWSAV1	REG SAVE AREA
432	(1B0)	SIGNED	4	IDDWSAV2	REG SAVE AREA
436	(1B4)	SIGNED	4	IDDWSAV3	REG SAVE AREA
440	(1B8)	SIGNED	4	IDDWSAV4	REG SAVE AREA
444	(1BC)	SIGNED	4	IDDBXWRK	WORK AREA FOR IATXPRT
448	(1C0)	SIGNED	4	IDDWRSVD	RESERVED FOR SERVICE
452	(1C4)	SIGNED	4	IDDPWORK(3)	WORK AREA ACROSS PHASES
464	(1D0)	SIGNED	4	IDDJMR	ADDRESS OF JMR
468	(1D4)	SIGNED	4	IDDVAT	ADDRESS OF VAT
472	(1D8)	SIGNED	4	IDDJCT	SVA OF JCT (IEFAJCTB)
476	(1DC)	SIGNED	4	IDDJFCBP	PTR TO CURRENT JFCB ADDR
		LVS (LOCATE TABLE) WORK AREA			
480	(1E0)	BITSTRING	12	IDDDLOC1	JOB LOCATE TABLE FDB 2229
492	(1EC)	BITSTRING	1	IDDDLOC2	CATALOG LOCATE TABLE FDB 2229

```
JST, IJS, AND JVT WORK/SAVE AREAS 0
THE WORK AREA HAS THE FOLLOWING FORMAT:
(1) FIRST BUFFER/SPOOL ADDRESS
(2) CURRENT BUFFER ADDRESS (FOR CREATING ENTRIES)
(3) CURRENT ENTRY NUMBER (NEWEST ENTRY CREATED)
(4) NEXT ENTRY NUMBER (NEXT ENTRY TO CREATE)
(5) DISPLACEMENT TO NEWEST ENTRY IN CURRENT BUFFER
(6) ID TO INDICATE THE TYPE BEING PROCESSED
    "1" = JOB TYPE
    "2" = CATALOG TYPE
THERE ARE TWO SAVE AREAS: ONE FOR "JOB" CONTROL
BLOCK DATA, THE OTHER FOR "CATALOG" CONTROL BLOCK
DATA.
WHEN A CONTROL BLOCK IS BEING BUILT, THE "SAVED"
DATA IS MOVED INTO THE "WORK" AREA.
    THREE LINES DELETED BY PH90046 0
                            JST WORK/SAVE AREA 0
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Table 252. Structure IATYIDD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
504	(1F8)	BITSTRING	12	IDDFJST	FIRST JST BUFFER/FDB 2229
516	(204)	SIGNED	4	IDDCJST	CURRENT JST PTR
520	(208)	SIGNED	2	IDDCJSTN	CURRENT JST NUMBER
522	(20A)	SIGNED	2	IDDNJSTN	NEXT JST NUMBER
524	(20C)	SIGNED	2	IDDJSTD	VARIABLE JST DSPLCMNT
526	(20E)	CHARACTER	1	IDDJSTID	ID OF CURRENT POINTERS
527	(20F)	BITSTRING	1	IDDJSTRD	RESERVED FOR DEVELOPMENT
528	(210)	SIGNED	4	IDDJSTRS	RESERVED FOR SERVICE
528	(210)	X'1F8'	0	IDDJSTC	"IDDFJST,*-IDDFJST" EQU FOR MOVE OF CURRENT PTRS
532	(214)	BITSTRING	28	IDDJST1S	SAVE AREA FOR JOB'S JST
560	(230)	BITSTRING	28	IDDJST2S	SAVE AREA FOR CATALOG'S JST IJS WORK/ SAVE AREA
588	(24C)	BITSTRING	12	IDDFIJS	FIRST IJS BUFFER/FDB 2229
600	(258)	SIGNED	4	IDDCIJS	CURRENT IJS PTR
604	(25C)	SIGNED	2	IDDCIJSN	CURRENT IJS NUMBER
606	(25E)	SIGNED	2	IDDNIJSN	NEXT IJS NUMBER
608	(260)	SIGNED	2	IDDIJSD	VARIABLE IJS DSPLCMNT
610	(262)	CHARACTER	1	IDDIJSID	ID OF CURRENT POINTERS
611	(263)	BITSTRING	1	IDDIJSRD	RESERVED FOR DEVELOPMENT
612	(264)	SIGNED	2	IDDCIJDD	CURRENT IJS DD ENTRY INDEX
614	(266)	SIGNED	2	IDDIJCRS	RESERVED FOR SERVICE
614	(266)	X'24C'	0	IDDIJSC	"IDDFIJS,*-IDDFIJS" EQU FOR MOVE OF CURRENT PTRS
616	(268)	BITSTRING	28	IDDIJS1S	SAVE AREA FOR JOB'S IJS
644	(284)	BITSTRING	28	IDDIJS2S	SAVE AREA FOR CATALOG'S IJS JVT WORK/ SAVE AREA
672	(2A0)	BITSTRING	12	IDDFJVT	FIRST JVT BUFFER/FDB 2229
684	(2AC)	SIGNED	4	IDDCJVT	CURRENT JVT PTR
688	(2B0)	SIGNED	2	IDDCJVTN	CURRENT JVT NUMBER
690	(2B2)	SIGNED	2	IDDNJVTN	NEXT JVT NUMBER
692	(2B4)	SIGNED	2	IDDJVTD	VARIABLE JVT DSPLCMNT
694	(2B6)	CHARACTER	1	IDDJVTID	ID OF CURRENT POINTERS
695	(2B7)	CHARACTER	1	IDDJVTRD	RESERVED FOR DEVELOPMENT
696	(2B8)	SIGNED	2	IDDJVTTC	JVT SEQUENCE COUNT
698	(2BA)	SIGNED	2	IDDJVTSV	SAVE AREA FOR JVT ID
698	(2BA)	X'2A0'	0	IDDJVTC	"IDDFJVT,*-IDDFJVT" EQU FOR MOVE OF CURRENT PTRS
700	(2BC)	BITSTRING	28	IDDJVT1S	SAVE AREA FOR JOB'S JVT
728	(2D8)	BITSTRING	28	IDDJVT2S	SAVE AREA FOR CATALOG'S JVT
756	(2F4)	SIGNED	4	IDDTRSV1(14)	RESERVED FOR DEVELOPMENT 0633
812	(32C)	SIGNED	4	IDDUWORK(4)	USER WORK AREA
828	(33C)	CHARACTER	8	IDDJDVT	JDVTNAME
836	(344)	SIGNED	2	IDDSTMT	LAST OUTPUT STATEMENT NR
838	(346)	SIGNED	2	IDDBUFCT	IJS, JVT, DSK buffer count 0082
840	(348)	BITSTRING	8	IDDRSTKN	SMS RESOURCE STATUS TOKEN RETURNED AFTER MVS INTERP.

Table 252. Structure IATYIDD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
848	(350)	SIGNED	4	IDDFSSMN	MAIN MASK SAVED DURING LOCATE PROCESSING IN FSS A. S.
852	(354)	SIGNED	4	IDDPWRSS	RESERVED FOR SERVICE
856	(358)	SIGNED	4	IDDPWRSU	RESERVED FOR USER
860	(35C)	SIGNED	4	IDDLIJS	LAST-ACCESSED IJS
864	(360)	SIGNED	4	IDDLJST	LAST-ACCESSED JST
868	(364)	SIGNED	4	IDDLJVT	LAST-ACCESSED JVT
872	(368)	SIGNED	4	IDDTRSV2	RESERVED FOR DEVELOPMENT 0633
876	(36C)	SIGNED	4	IDDBSIOT	SAVE AREA FOR STEPCAT HANDLING
880	(370)	SIGNED	4	IDDJDBUF	ADDRESS OF JDAB PARM BUFFER
884	(374)	BITSTRING	4	IDDAVLMM	SMS CATALOG AVAILABILITY MAIN MASK
888	(378)	BITSTRING	4	IDDCONMM	SMS CATALOG CONNECTIVITY MAIN MASK
892	(37C)	SIGNED	2	IDDPCATN	PRIVATE CATLG SIOT COUNT
894	(37E)	SIGNED	2	IDDSIOTN	SAVE AREA FOR SIOT COUNT
896	(380)	SIGNED	2	IDDFIJSS	FIRST IJS STEP ENTRY
898	(382)	SIGNED	2	IDDCIJSS	CURRENT IJS STEP ENTRY
900	(384)	SIGNED	2	IDDSIJSN	CURRENT SCAN IJS NUMBER
902	(386)	SIGNED	2	IDDDEVID	CURRENT DEVICE ID
904	(388)	SIGNED	2	IDDDVWRK	UNIT ID WORK AREA
906	(38A)	SIGNED	2	IDDRLVOL	REL VOL POSITION
908	(38C)	SIGNED	2	IDDVRFPR	BACK REF PTR FOR JST BLD
910	(38E)	SIGNED	2	IDDJFDSP	VARIABLE JFCB DISPLACEMENT
912	(390)	SIGNED	2	IDDFMTCH	1ST VOL MATCHED IN JVT SCAN
914	(392)	SIGNED	2	IDDLMTCH	LAST VOL MATCHED IN JVT SCAN
916	(394)	SIGNED	2	IDDIMMID	INDEX OF SPECIFIED AFF'D IJS
918	(396)	SIGNED	2	IDDTRSV3	RESERVED FOR DEVELOPMENT
920	(398)	SIGNED	2	IDDJSSV1	JSTID SAVE AREA #1
922	(39A)	SIGNED	2	IDDJSSV2	JSTID SAVE AREA #2
924	(39C)	SIGNED	2	IDDIJSV1	IJSID SAVE AREA #1
926	(39E)	SIGNED	2	IDDIJSV2	IJSID SAVE AREA #2
928	(3A0)	SIGNED	2	IDDJVSV1	JVTID SAVE AREA #1
930	(3A2)	SIGNED	2	IDDJVSV2	JVTID SAVE AREA #2
932	(3A4)	SIGNED	4	IDDTRSV4	RESERVED FOR DEVELOPMENT 0633
936	(3A8)	SIGNED	2	IDDLAREL	LAST REL. DSN. ENT(ALT. LVS)
938	(3AA)	SIGNED	2	IDDLJREL	CAT. REL NUM. JUST CREATED
940	(3AC)	SIGNED	2	IDDLRES1	CURRENT LOC. TAB. RESIDUAL
942	(3AE)	SIGNED	2	IDDLRES2	CUR. CAT. LOC. TABLE RESID.
944	(3B0)	SIGNED	2	IDDLEREL	END LOC. REL. ENTRY
946	(3B2)	SIGNED	2	IDDLLREL	LAST REL. LOC. ENTRY
948	(3B4)	SIGNED	2	IDDLCREL	LAST REL. CAT. ENTRY
950	(3B6)	BITSTRING	1	IDDEXID	CURRENT EXIT ID
953	(3B9)	BITSTRING	1	IDDVCWRK	VOL COUNT WORK AREA
954	(3BA)	BITSTRING	1	IDDUCWRK	UNIT COUNT WORK AREA
955	(3BB)	BITSTRING	1	IDDNOJVT	ORIGINAL NUM VOLUMES FOR REF
956	(3BC)	BITSTRING	1	IDDTRSV5	RESERVED FOR DEVELOPMENT 0633
957	(3BD)	BITSTRING	1	IDDJFCNX	JFCB INDEX

Table 252. Structure IATYIDD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
958	(3BE)	BITSTRING	1	IDDJFCLM	JFCB LIMIT
959	(3BF)	BITSTRING	1	IDDCSTPN	CURRENT STEP NUMBER
960	(3C0)	BITSTRING	1	IDDCMRSV	RESERVED
	These equates are used by the code that handles the 0 JSS "waiting for C/I JSAM buffers" queue. 0				
960	(3C0)	X'1E'	0	IDDBGJSM	"30" A job is considered a big 0082 user of C/I JSAM buffers 0082 if it uses at least this 0082 number of JSAM buffers 0082 for C/I control blocks 0082 during POSTSCAN. 0082
960	(3C0)	X'32'	0	IDDDLYTH	"50" Threshold at which POSTSCAN 0082 will be delayed for big 0082 users of JSAM buffers. 0082 If C/I and POSTSCAN DSPs 0082 are using more than this 0082 percentage of the maximum 0082 number of JSAM buffers, 0082 POSTSCAN will be delayed 0082 for big users. 0082
960	(3C0)	X'2D'	0	IDDDLYT2	"45" Threshold at which jobs 0082 waiting for POSTSCAN will 0082 be released. When the 0082 percentage of JSAM 0082 bubfers used by C/I and 0082 POSTSCAN drops below this 0082 level, waiting jobs will 0082 be moved to the JSS ready 0082 queue. 0082
961	(3C1)	BITSTRING	1	IDDSFFLG	SETUP/FETCH FLAGS
	DEFINITION OF IDDSFFLG (SAME AS JSTHFLG3)				
		1...		IDDSNONE	"X'80'" JSTSNONE SETUP = NONE
		.1..		IDDSIHWS	"X'40'" JSTSIHWS SETUP = IHWS
		..1.		IDDSJOB	"X'20'" JSTSJOB SETUP = JOB
		...1		IDDSUSER	"X'10'" JSTSUSER SETUP = USER OVERRIDES
		.... 1...		IDDFNONE	"X'08'" JSTFNONE FETCH = NONE
		.... .1..		IDDFSET	"X'04'" JSTFSET FETCH = SETUP
		.... ..1.		IDDFALL	"X'02'" JSTFALL FETCH = ALL
		1		IDDFUSER	"X'01'" JSTFUSER FETCH = USER OVERRIDES
962	(3C2)	BITSTRING	1	IDDHWFLG	IHWS FLAGS
	DEFINITION OF IDDHWFLG				
		1...		IDDHWALL	"X'80'" HWS ALL UNITS
		.1..		IDDHWTAP	"X'40'" HWS TAPE UNITS
		..1.		IDDHWDSK	"X'20'" HWS DISK UNITS
		...1		IDDHWMSS	"X'10'" HWS MS UNITS
		.... 1...		IDDHWALT	"X'08'" ALTERNATE TYPE (MINOR) USED FOR ALLOCATION
		.... .1..		IDDHWPRF	"X'04'" THWSSEP=PREFER
		.... ..1.		IDDHWREQ	"X'02'" THWSSEP=REQUIRE
		1		IDDJBMSS	"X'01'" MSS=JOB
962	(3C2)	X'E0'	0	IDDHWRL	"IDDHWALL+IDDHWTAP+IDDHWDSK" HWS REAL
963	(3C3)	BITSTRING	1	IDDVUAF1	FLAG BYTE #1..VOL/UNIT AFF

Table 252. Structure IATYIDD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF IDDVUAF1			
		1...		IDDJMTCH	"X'80'" VOLUME MATCH IN JOB
		.1..		IDDSMTCH	"X'40'" VOLUME MATCH IN STEP
		..1.		IDDSCRCR	"X'20'" VOL COUNT EXCEEDS UNIT COUNT
		...1		IDDFRSVL	"X'10'" VOL IS 1ST IN GROUP
		.... 1...		IDDMOUNT	"X'08'" MOUNT REQUEST
		.... .1..		IDDPRVMT	"X'04'" VOL IS MOUNTED IN JOB
		.... ..1.		IDDJVDUM	"X'02'" BUILDING DUMMY JVT ENTRIES
		1		IDDUAFF	"X'01'" UNIT AFFINITY SWITCH
964	(3C4)	BITSTRING	1	IDDVUAF2	FLAG BYTE #2..VOL/UNIT AFF
		DEFINITION OF IDDVUAF2			
		1...		IDDTAPE	"X'80'" TAPE DEVICE
		.1..		IDDDISK	"X'40'" DISK DEVICE
		..1.		IDDUREC	"X'20'" UNIT RECORD DEVICE
		...1		IDDGRAPH	"X'10'" GRAPHICS DEVICE
		.... 1...		IDDNOSET	"X'08'" NO SETUP JST ENTRY
		.... .1..		IDDEMAND	"X'04'" DEMAND ALLOCATION SPECIFIED
		.... ..1.		IDDALLPR	"X'02'" ALL VOLS ARE PR
		1		IDDALLNR	"X'01'" ALL VOLS ARE NOT PR
965	(3C5)	BITSTRING	1	IDDLFLG1	LOCATE TABLE FLAG #1
		DEFINITION OF IDDLFLG1			
		1...		IDDLJCAT	"X'80'" JOBCAT IN LOCATE TABLE
		.1..		IDDLSCAT	"X'40'" STEPCAT IN LOCATE TABLE
		..1.		IDDLJON	"X'20'" JOBCAT IS ONLY ENTRY
		...1		IDDLSON	"X'10'" STEPCAT OR USER CATALOG IS ONLY ENTRY
		.... 1...		IDDLSEFF	"X'08'" STEPCAT OR USER CATALOG IN EFFECT
		.... .1..		IDDLJEFF	"X'04'" JOBCAT IN EFFECT
		.... ..1.		IDDLRSTR	"X'02'" JOB IS DEFERRED RESTART
		1		IDDLCKPT	"X'01'" CHECKPOINT RESTART JOB
966	(3C6)	BITSTRING	1	IDDVUAF3	MISCELLANEOUS FLAGS
		DEFINITION OF IDDVUAF3			
		1...		IDDPMTCH	"X'80'" VOLUME MATCH IN PREV STEP
		.1..		IDDNCCAT	"X'40'" INDICATES POSSIBLE NON-SMS CATALOG CONCATENATION
		..1.		IDDSMSDV	"X'20'" SMS MANAGED DEVICES REQUIRED
		...1		IDDVU310	"X'10'" RESERVED
		.... 1...		IDDMSDEV	"X'08'" MSS DEVICE
		.... .1..		IDDCOPDV	"X'04'" UNIT FROM ANOTHER IJS
		.... ..1.		IDDLJCTC	"X'02'" JOBCAT LVS COMPLETE
		1		IDDVU301	"X'01'" RESERVED

Table 252. Structure IATYIDD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		SMS SPOOL DATA SET MULTI RECORD FILE FDB'S			
967	(3C7)	BITSTRING	6	IDDSCHFS	SMS SCHEDULING INFORMATION 0098 FIRST SPOOL ADDRESS 0098
973	(3CD)	BITSTRING	6	IDDSCHLS	SMS SCHEDULING INFORMATION 0098 LAST SPOOL ADDRESS 0098
979	(3D3)	BITSTRING	6	IDDJOBFS	SMS JOB INFORMATION 0098 FIRST SPOOL ADDRESS 0098
985	(3D9)	BITSTRING	6	IDDJOBLS	SMS JOB INFORMATION 0098 LAST SPOOL ADDRESS 0098
991	(3DF)	BITSTRING	1	IDDRSHWD	RESERVED FOR DEVELOPMENT
992	(3E0)	BITSTRING	12	IDDDSKBF	FDB OF BUFFER USED TO HOLD VOL SERS OF SMS DATA SETS
1004	(3EC)	SIGNED	4	IDDRSSRV(7)	RESERVED FOR SERVICE
1032	(408)	SIGNED	4	IDDRSDEV(2)	RESERVED FOR DEVELOPMENT 0098
1040	(410)	SIGNED	4	IDDRSUSR(8)	RESERVED FOR USER 0098
		END OF THE CHECKPOINTED SECTION OF THE IDD AN ASSEMBLY ERROR ON ONE OF THE FOLLOWING LINES INDICATES AN ATTEMPT TO ALTER THE SIZE OF THE SPOOL RESIDENT PORTION OF THE IDD. 0 NOTE: THE CHECKPOINTED SECTION CAN BE INCREASED IF 0 THE FOLLOWING TWO DEFINE STORAGE STATEMENTS ARE 0 UPDATED ACCORDINGLY AND THE CURRENT OFFSETS ARE 0 UNCHANGED. IN OTHER WORDS, FIELDS CAN BE APPENDED 0 TO THE CHECKPOINTED SECTION BUT NOT INSERTED UNLESS 0 A COLD START IS PERFORMED. 0			
1072	(430)	DBL WORD	8	IDDCKEND(0)	END OF CHECKPOINTED SECTION
1072	(430)	BITSTRING	0	(0)	0633
1072	(430)	BITSTRING	1	(0)	0633
		IATXIWT (MESSAGE PROCESSOR) WORK AREA $T6=z1.13.0 HJS7780 110309 PD0TN: z 1.13.0			
1072	(430)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
1072	(430)	ADDRESS	4	IDDMSGLF	Text Address
1076	(434)	BITSTRING	2		Destination Disp and Mask
1078	(436)	BITSTRING	1		ACTION flag
1079	(437)	ADDRESS	1		Options Flag
1080	(438)	BITSTRING	2		Descriptor Codes
1082	(43A)	SIGNED	2		Reserved 2 Bytes
1084	(43C)	BITSTRING	17		Routing Codes
1101	(44D)	BITSTRING	1	(3)	Reserved
1104	(450)	BITSTRING	1	(8)	Jobid
1112	(458)	BITSTRING	1	(8)	Jobname
1120	(460)	BITSTRING	1	(8)	Key
1128	(468)	ADDRESS	4		CNDB Address 1
1132	(46C)	ADDRESS	4		CNDB Address 2
1136	(470)	ADDRESS	4		CNDB Address 3
1140	(474)	ADDRESS	4		CNDB Address 4
1144	(478)	ADDRESS	4		CNDB Address 5
1148	(47C)	ADDRESS	4		MLWO Address
1152	(480)	CHARACTER	133	IDDMSGWK	MESSAGE PROCESSOR WORK AREA 0058

Table 252. Structure IATYIDD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1285	(505)	BITSTRING	3	IDDMSGRS	RESERVED 0058
		MACDATE -02/24/00-<1>			
0	(0)	X'508'	0	IDDEDTLF	"EDTPARM" ++ EDTINFO NAME
1288	(508)	DBL WORD	8	EDTPARM(0)	++ EDTINFO PARM LIST
1288	(508)	BITSTRING	1	EDTPARM_XVERSION	++ INPUT XVERSION
1289	(509)	CHARACTER	1	EDTPARM_XRSV0001	++ RESERVED XRSV0001
1290	(50A)	CHARACTER	2	EDTPARM_XRSV0002	++ RESERVED XRSV0002
1292	(50C)	BITSTRING	2	EDTPARM_XFUNCFLGS	++ FIELD_LABEL
1292	(50C)	BITSTRING	0	EDTPARM_KEYUSED_CHKGRPS	"B'1000000000000000'" ++ KEYUSED.CHKGRPS KEYWORD
1292	(50C)	BITSTRING	0	EDTPARM_KEYUSED_CHKUNIT	"B'0100000000000000'" ++ KEYUSED.CHKUNIT KEYWORD
1292	(50C)	BITSTRING	0	EDTPARM_KEYUSED_RTNUNIT	"B'0010000000000000'" ++ KEYUSED.RTNUNIT KEYWORD
1292	(50C)	BITSTRING	0	EDTPARM_KEYUSED_RTNUCBA	"B'0001000000000000'" ++ KEYUSED.RTNUCBA KEYWORD
1292	(50C)	BITSTRING	0	EDTPARM_KEYUSED_RTNGRID	"B'0000100000000000'" ++ KEYUSED.RTNGRID KEYWORD
1292	(50C)	BITSTRING	0	EDTPARM_KEYUSED_RTNATTR	"B'0000010000000000'" ++ KEYUSED.RTNATTR KEYWORD
1292	(50C)	BITSTRING	0	EDTPARM_KEYUSED_RTNNAMD	"B'0000001000000000'" ++ KEYUSED.RTNNAMD KEYWORD
1292	(50C)	BITSTRING	0	EDTPARM_KEYUSED_RTNDEVN	"B'0000000100000000'" ++ KEYUSED.RTNDEVN KEYWORD
		1...		EDTPARM_KEYUSED_MAXELIG	"B'0000000010000000'" ++ KEYUSED.MAXELIG KEYWORD
		.1..		EDTPARM_KEYUSED_RTNLUV	"B'0000000001000000'" ++ KEYUSED.RTNLUV KEYWORD
		..1.		EDTPARM_KEYUSED_OVERRIDE	"B'0000000000100000'" ++ KEYUSED.OVERRIDE KEYWORD
		...1		EDTPARM_KEYUSED_RTNUNAFF	"B'0000000000010000'" ++ KEYUSED.RTNUNAFF KEYWORD
		.... 1...		EDTPARM_KEYUSED_RTNEDTLT	"B'0000000000001000'" ++ KEYUSED.RTNEDTLT KEYWORD
1294	(50E)	BITSTRING	2	EDTPARM_XOPTFLGS	++ FIELD_LABEL
1294	(50E)	BITSTRING	0	EDTPARM_KEYUSED_UNITNAME	"B'1000000000000000'" ++ KEYUSED.UNITNAME KEYWORD
1294	(50E)	BITSTRING	0	EDTPARM_KEYUSED_DEVTYPE	"B'0100000000000000'" ++ KEYUSED.DEVTYPE KEYWORD
1294	(50E)	BITSTRING	0	EDTPARM_KEYUSED_SUBPOOL	"B'0010000000000000'" ++ KEYUSED.SUBPOOL KEYWORD
1294	(50E)	BITSTRING	0	EDTPARM_XDYNAMIC_YES	"B'0001000000000000'" ++ XDYNAMIC.YES KEYWORD
1294	(50E)	BITSTRING	0	EDTPARM_KEYUSED_OUTUNIT	"B'0000100000000000'" ++ KEYUSED.OUTUNIT KEYWORD
1294	(50E)	BITSTRING	0	EDTPARM_KEYUSED_OUTDEV	"B'0000010000000000'" ++ KEYUSED.OUTDEV KEYWORD
1294	(50E)	BITSTRING	0	EDTPARM_XEXTENDED_YES	"B'0000001000000000'" ++ XEXTENDED.YES KEYWORD
1294	(50E)	BITSTRING	0	EDTPARM_KEYUSED_DEVSTAT	"B'0000000100000000'" ++ KEYUSED.DEVSTAT KEYWORD
		1...		EDTPARM_XRANGE_ALL	"B'0000000010000000'" ++ XRANGE.ALL KEYWORD

Table 252. Structure IATYIDD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.1..		EDTPARM_XLOC_ANY	"B'0000000001000000'" ++ XLOC.ANY KEYWORD
1296	(510)	BITSTRING	1	EDTPARM_XSUBPOOL	++ XSUBPOOL
1297	(511)	CHARACTER	1	EDTPARM_XDEVCLASS	++ XDEVCLASS
1298	(512)	BITSTRING	1	EDTPARM_XRECMODE	++ XRECMODE
1299	(513)	BITSTRING	1	EDTPARM_XDENSITY	++ XDENSITY
1300	(514)	CHARACTER	8	EDTPARM_XUNITNAME	++ XUNITNAME
1308	(51C)	CHARACTER	4	EDTPARM_XDEVTYPE	++ XDEVTYPE
1312	(520)	CHARACTER	8	EDTPARM_XOUTUNIT	++ XOUTUNIT
1320	(528)	CHARACTER	4	EDTPARM_XOUTDEV	++ XOUTDEV
1324	(52C)	SIGNED	4	EDTPARM_XDEVCOUNT	++ XDEVCOUNT
1328	(530)	ADDRESS	4	EDTPARM_XDEVLIST	++ XDEVLIST
1332	(534)	ADDRESS	4	EDTPARM_XATTRAREA_ADDR	++ ADDR XATTRAREA
1336	(538)	ADDRESS	4	EDTPARM_XUCBALIST	++ XUCBALIST
1340	(53C)	ADDRESS	4	EDTPARM_XUCBLIST	++ XUCBLIST
1344	(540)	ADDRESS	4	EDTPARM_XGRIDLIST	++ XGRIDLIST
1348	(544)	ADDRESS	4	EDTPARM_XNAMELIST	++ XNAMELIST
1352	(548)	ADDRESS	4	EDTPARM_XDEVNLIST	++ XDEVNLIST
1356	(54C)	ADDRESS	4	EDTPARM_XEDTADDR	++ XEDTADDR
1360	(550)	ADDRESS	4	EDTPARM_XIOCTOKEN_ADDR	++ ADDR XIOCTOKEN
1364	(554)	CHARACTER	4	EDTPARM_XOUTLUV	++ XOUTLUV
1368	(558)	ADDRESS	4	EDTPARM_XDEVSTAT	++ XDEVSTAT
1372	(55C)	CHARACTER	4	EDTPARM_XRSV0003	++ RESERVED XRSV0003
1372	(55C)	X'560'	0	EDTPARM_PL_END	"*" ++ END OF BASE PLIST
1312	(520)	ADDRESS	4	EDTPARM_XELTPRI	++ XELTPRI
1316	(524)	ADDRESS	4	EDTPARM_XELTSEC	++ XELTSEC
1376	(560)	X'58'	0	EDTPARML	"*-EDTPARM" ++ LENGTH OF PLIST
				EDTINFO-1	
0	(0)	X'560'	0	IDDINTPH	"*" END OF COMMON SECTIONS OF THE IDD
				COMMON SECTION FOR C/I AND PRESCAN PHASES	
1376	(560)	SIGNED	4	IDDCIPRE(0)	START OF CI/PRESCAN COMMON
				ACCESS METHOD CONTROL BLOCK FOR JESJCLIN/JCBLOCK	
1376	(560)	BITSTRING	0	IDDIJA(0)	JESJCLIN ACB START 19871TIA
1376	(560)	BITSTRING	0	IDDIJB(0)	JCBLOCK ACB START 19871TIA
1452	(5AC)	SIGNED	4	IDDIJWRK	PTR TO PSEUDO ACC METHOD WRK
1456	(5B0)	BITSTRING	1	IDDIJAE(0)	END OF JESJCLIN ACB
1456	(5B0)	BITSTRING	1	IDDIJBE(0)	END OF JCBLOCK ACB
1376	(560)	BITSTRING	1	(0)	ZERO JESJCLIN ACB STORAGE
1456	(5B0)	ADDRESS	4	IDDNSCAT	ADDRESS OF LIST OF NON-SMS CATLG VOLS REQ'D BY THE JOB
1460	(5B4)	SIGNED	4	IDDJSAV(18)	SAVE AREA FOR OPEN/CLOSE
1532	(5FC)	SIGNED	4	IDDIQMPA(9)	QMPA FOR CONVERTER

Table 252. Structure IATYIDD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
IDDSWAP SWAREQ MF=L SWA MANAGER PARAMETER LIST					
1568	(620)	SIGNED	4	IDDSWAP(0)	SWA MANAGER PARAMETER LIST
1568	(620)	ADDRESS	4	EPA@0010	ADDR OF EPA FOR SWA MANAGER
1572	(624)	ADDRESS	4	FCD@0010	ADDR OF FUNCTION CODE FOR SWA MANAGER
1576	(628)	ADDRESS	4	IDDEPAP	ADDRESS OF SWA MANAGER EPA
1580	(62C)	BITSTRING	1	IDDEPA(0)	SWA MANAGER EXTENDED PARAMETERS
1608	(648)	SIGNED	4	IDDCJCT	JCT PTR
1608	(648)	X'64C'	0	IDDCIPND	"*" END OF CI/PRESCAN COMMON SECT.
WORK AREA FOR THE CONVERTER/INTERPRETER PHASE					
1612	(64C)	SIGNED	4	IDDCISTR(0)	START OF C/I WORK AREA
1616	(650)	DBL WORD	8	IDDCNTWK	WORK AREA FOR COUNTING
1624	(658)	SIGNED	4	IDDPRCAD	ADDR OF CURRENT PROC ENTRY
1628	(65C)	SIGNED	4	IDDICNT	NUMBER OF SYSIN DATA SETS
1632	(660)	SIGNED	4	IDDIJDSP	JDS POINT INFORMATION
ACCESS METHOD CONTROL BLOCK FOR JESJCL (STMT. IMAGE)					
1636	(664)	SIGNED	4	IDDIM1A(0)	STATEMENT IMAGE ACB START
1636	(664)	BITSTRING	1	(0)	STAT IMAGE ACB
1716	(6B4)	BITSTRING	1	IDDIM1AE(0)	END OF STATEMENT IMAGE ACB
1716	(6B4)	SIGNED	4	IDDJELCT	SAVE AREA FOR LINES IN ACB FOR THE JESJCL DATA SET
ACCESS METHOD CONTROL BLOCK FOR JESYSMSG					
1720	(6B8)	SIGNED	4	IDDIM2A(0)	MSG DS ACB START
1720	(6B8)	BITSTRING	1	(0)	MSG DS ACB
1800	(708)	BITSTRING	1	IDDIM2AE(0)	END OF MSG DS ACB
ACCESS METHOD CONTROL BLOCK FOR INTERNAL TEXT					
1800	(708)	SIGNED	4	IDDIITA(0)	INTERNAL TEXT ACB START
1800	(708)	BITSTRING	1	(0)	INTERNAL TEXT ACB
1880	(758)	BITSTRING	1	IDDIITAE(0)	END OF INTERNAL TEXT ACB 0540

Table 252. Structure IATYIDD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
				SYSTEM SYMBOLICS DATA AREA 0 NOTES ON SYSTEM SYMBOLICS (&SYSVARIABLENAME) 0 THESE ARE SYSTEM-DEFINED VARIABLES THAT IN CERTAIN 0 CASES JES3 PROVIDES THE VALUE TO SCHEDULER FOR. 0 THUS, THE END USER OF JCL CAN USE THEM IN THEIR JOB'S 0 JCL, AND SCHEDULER WILL SUBSTITUTE THE JES3-PROVIDED 0 VALUES IN PLACE OF THE &VARIABLE NAME. 0 IN GENERAL, SYSTEM SYMBOLICS ARE RESOLVED BY 0 SCHEDULER, AND THUS A CERTAIN AMOUNT OF RESTRICTIONS 0 IN THEIR USE BY END-USERS ARE MADE: 0 1) NO USE OF SYSTEM SYMBOLICS ON JES JECL OR STATE- 0 MENTS THAT ARE UNPROCESSED BY SCHEDULER 0 (EG: // XMIT) ARE SUPPORTED, AS JES3 DOES NOT 0 MAKE ANY SUBSTITUTIONS BUT MERELY PROVIDES CERTAIN 0 VALUES FOR DURING C/I PROCESSING. 0 THE FOLLOWING DOCUMENTS THE USE OF EACH OF THESE 0 SYSTEM-DEFINED VARIABLES: 0 1) &SYSUID - 0 THIS IS THE USER ID OF THE SESSION OWNER, AS 0 PROVIDED TO BY SAF AND ITS ASSOCIATED SECURITY 0 PRODUCT. 0 AS A RESULT OF RECEIVING THE VALUE TOKUSER FROM 0 THE VERIFIED TOKEN IN IATISEN, WE PASS THIS 0 TOKUSER VALUE TO SCHEDULER IN FIELD IDDISYMU. 0 THUS, IF THE USER CODED '&SYSUID' IN THEIR JCL 0 AT ALL, SCHEDULER WILL SUBSTITUTE THE VALUE THAT 0 WE HAVE PLACED IN IDDISYMU BELOW FOR &SYSUID IN 0 THE USER'S JCL STREAM BEFORE INTERPRETATION. 0 IF WE HAVE RECEIVED NOTIFICATION THAT TOKUSER WAS 0 NOT A VERIFIED USER DURING IATISEN PROCESSING, 0 THEN FIELD IDDISYMU IS NOT RETURNED TO SCHEDULER 0 SO THAT NO SUBSTITUTION IS MADE. 0 SINCE WE ARE DEPENDANT ON SAF AND THE UNDERLYING 0 SECURITY PRODUCT TO RETURN THE VALUE OF THE 0	
				USERID TO JES3 (IN IATISEN), THEN &SYSUID IS NOT 0 SUPPORTED EITHER ON THE USER= OR PASSWORD= KEY- 0 WORDS ON THE JOB JCL STATEMENT (CART BEFORE THE 0 HORSE PROBLEM.) 0 NOTE THAT JES3'S SETTING UP OF VALUE IDDISYMU IS 0 IN NO WAY DEPENDENT ON WHETHER THE USER ACTUALLY 0 USED A &SYSUID SPECIFICATION IN THE JCL; RATHER 0 WE ARE SENDING THIS VALUE TO SCHEDULER FOR IT TO 0 MAKE THE SUBSTITUTION IF IT FINDS &SYSUID WAS 0 ACTUALLY SPECIFIED. 0	
1880	(758)	CHARACTER	15	IDDISYMA(0)	SYSUID SYMBOLIC DATA AREA 0386
1880	(758)	CHARACTER	7	IDDISYM1	&SYSUID KEYWORD 0386
1887	(75F)	CHARACTER	8	IDDISYMU	&SYSUID PARAMETER VALUE 0386 USED TO INFORM SCHEDULER 0540 OF THE VALUE SCHEDULER 0540 SHOULD SUBSTITUTE &SYSUID 0540 FOR IF IT FINDS AN OCCUR- 0540 ANCE OF &SYSUID IN THE JCL 0540 STREAM 0540
1895	(767)	BITSTRING	1	IDDIMSG2	More C/I message flags
				DEFINITION OF IDDIMSG2	
		1...		IDDSYMEQ	"X'80'" Incorrect SYMBOLS= text unit
		.1..		IDDIM240	"X'40'" Reserved for IBM
		..1.		IDDIM220	"X'20'" Reserved for IBM
		...1		IDDIM210	"X'10'" Reserved for IBM
		.... 1...		IDDIM208	"X'08'" Reserved for IBM
		.... .1..		IDDIM204	"X'04'" Reserved for IBM
		.... ..1.		IDDIM202	"X'02'" Reserved for IBM
		1		IDDIM201	"X'01'" Reserved for IBM
1896	(768)	SIGNED	4	IDDICIRT	C/I RETURN CODE
				SPOOL ADDRESSES FOR JESJCLIN, JESJCL AND JESYSMSG	

Table 252. Structure IATYIDD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1900	(76C)	BITSTRING	6	IDDJCFT	JESJCLIN FIRST SPOOL ADDRESS
1906	(772)	BITSTRING	6	IDDJEFT	JESJCL FIRST SPOOL ADDRESS
1912	(778)	BITSTRING	6	IDDJELT	JESJCL LAST SPOOL ADDRESS
1918	(77E)	BITSTRING	6	IDDSYFT	JESYSMSG FIRST SPOOL ADDR
1924	(784)	BITSTRING	6	IDDSYLT	JESYSMSG LAST SPOOL ADDRESS
1930	(78A)	BITSTRING	2	IDDSPRSV	RESERVED
1932	(78C)	BITSTRING	1	IDDIMSG1	CONV/INT MESSAGE FLAGS
		DEFINITION OF IDDIMSG1			
		1...		IDDERIC1	"X'80'" DSID+USER-WRITER SPECIFIED
		.1..		IDDERIC2	"X'40'" DSID BUT NON-3540 SYSOUT
		..1.		IDDERIC3	"X'20'" 3540 CLASS BUT NO DSID
		...1		IDDCPYER	"X'10'" 'COPIES=' ERROR
		.... 1...		IDDIMACE	"X'08'" UNABLE TO CREATE ACEE
		.... .1..		IDDISYMT	"X'04'" SYMBOL TABLE INCLUDED 0038
		.... ..1.		IDDIXJSM	"X'02'" IATXJSM returned error code
		1		IDDERCUW	"X'01'" USER-WRITER SPECIFIED
		STORAGE FOR SYSIN JDS ENTRY (USED BY IATIICX/IATGRJA) NOTE: THIS MUST BE CHANGED IF A SYSIN JDS ENTRY EXCEEDS L'JDSVSIZE.			
1933	(78D)	BITSTRING	1	IDDJDSIN(0)	Storage for SYSIN JDS ENTRY
		MODULE ADDRESSES			
2268	(8DC)	ADDRESS	4	IDDCONV	ENTRY POINT FOR CONVERTER
2272	(8E0)	ADDRESS	4	IDDINTP	ENTRY POINT FOR INTERPRETER
2276	(8E4)	ADDRESS	4	IDDQMST	ADDRESS OF JES3 QMST IEFQBJST
2280	(8E8)	CHARACTER	12	IDDRSRVD	Reserved
2292	(8F4)	ADDRESS	4	IDDJDSPT	JDS Entry Address. Set by IATIICX's Open Exit, and cleared by the Close Exit.
2296	(8F8)	SIGNED	2	IDDARMSL	Symbol table length for ARM restarted jobs
2298	(8FA)	SIGNED	2	IDDICR01	Reserved for IBM
2300	(8FC)	SIGNED	4	IDDJELBC	JESJCL byte count
2304	(900)	SIGNED	4	IDDMINLV	Minimum BCP execution level 17648TAC set by MVS converter 17648TAA
2308	(904)	SIGNED	4	IDDSYMBC	JESYSMSG byte count
2312	(908)	SIGNED	4	IDDJSMRC	Return Code from IATXJSM issued in IATIIST. This is externalized via IAT4472.
2316	(90C)	BITSTRING	1	IDDICEND(0)	END OF INT WORK AREA FOR C/I
		WORK AREA FOR THE PRESCAN PHASE			
1612	(64C)	SIGNED	4	IDDPREST(0)	START OF PRESCAN AREA
1612	(64C)	SIGNED	4	IDDCMENT	ENTRY POINT OF COMPAT. MOD.
1616	(650)	BITSTRING	32	IDDCMFDB	FDB FOR CONTROL BLOCK FILE
1648	(670)	SIGNED	4	IDDPCAT	PASS/CAT. TABLE CHAIN
1652	(674)	SIGNED	4	IDDCURWA	CURRENT WORK AREA

Table 252. Structure IATYIDD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1656	(678)	SIGNED	4	IDDWORKA	WORK AREA CHAIN
1660	(67C)	SIGNED	4	IDDCLOC1	CURRENT LOCATE TABLE PTR
1664	(680)	SIGNED	4	IDDCLOC2	CUR. CAT. LOC. TABLE PTR
1668	(684)	CHARACTER	44	IDDPGDGD	GDG DSN EXPANSION
1712	(6B0)	BITSTRING	1	IDDMPSNM	SAVE PROCSTEPNAME LENGTH 0046
1713	(6B1)	BITSTRING	1	IDDPRCNM(8)	SAVE PROCSTEPNAME 0046
1721	(6B9)	BITSTRING	1	IDDMSTNM	SAVE STEPNAME LENGTH 0046
1722	(6BA)	BITSTRING	1	IDDSTPNM(8)	SAVE STEPNAME 0046
1730	(6C2)	BITSTRING	1	IDDMDDNM	SAVE DDNAME LENGTH 0046
1731	(6C3)	BITSTRING	1	IDDDDNAM(8)	SAVE DDNAME 0046
1739	(6CB)	CHARACTER	8	IDDCONNM	NAME FOR CONCATENATION
1747	(6D3)	BITSTRING	1	IDDCCON	CONCATENATION NUMBER
1748	(6D4)	BITSTRING	1	IDDDMDTP	SETUNIT TYPE, DMD ALLOC $$$$
1749	(6D5)	BITSTRING	1	IDDRSVSF	RESERVED FOR SERVICE
1750	(6D6)	SIGNED	2	IDDCONNO	CURRENT CONCATENATION #
1752	(6D8)	SIGNED	2	IDDCURD	CURRENT WORK AREA DISP.
1754	(6DA)	SIGNED	2	IDDLCJOB	LVS JOBLIB CAT. ENTRY ADDR
1756	(6DC)	SIGNED	4	IDDGDGTB	GDGBIAS table chain
1760	(6E0)	CHARACTER	4	IDDGDGQU	GDG single data set qualifier standardized and with any GDG bias adjustment applied
1764	(6E4)	CHARACTER	4	IDDGDGNB	GDG single data set qualifier before GDG bias adjustment
1768	(6E8)	BITSTRING	132	IDDPRWRK	WORK AREA
1768	(6E8)	X'6E8'	0	IDDSNDSV	"IDDPRWRK,40" THIS IS A SECOND SAVE AREA THAT CAN BE USED DURING PRESCAN PROCESSING. BUT BEWARE, IT IS VOLATILE!!!
1900	(76C)	SIGNED	4	IDDPCATE	RELATIVE PASS/CATALOG ENTRY ADDRESS
1904	(770)	SIGNED	4	IDDPRSVD	RESERVED FOR DEVELOPMENT
1908	(774)	SIGNED	4	IDDNSCTP	NON-SMS MGD CATLG ENTRY POINTER
1912	(778)	SIGNED	4	IDDHEADP	HEAD POINTER USED TO FIND THE FIRST ENTRY FOR THE CURRENT STEP IN THE NON-SMS CATALOG LIST
1916	(77C)	SIGNED	4	IDDTRAVP	TRAVERSING POINTER USED TO SCAN ENTRIES IN NON-SMS CATALOG LIST FOR DUPLICATE ENTRIES
1920	(780)	SIGNED	2	IDDNSNUM	NUMBER OF NON-SMS CATLG ENTRIES
1922	(782)	SIGNED	2	IDDNRSVH	RESERVED FOR DEVELOPMENT
1924	(784)	BITSTRING	9	IDDPRSVU	RESERVED FOR USER 2819
1933	(78D)	BITSTRING	1	IDDSJTRC	SJF TRACE FLAG 2819
		DEFINITION OF IDDSJTRC 2			
		1...		IDDSJFAC	"X'80'" SJF IS ACTIVE
		.1..		IDDSJFRE	"X'40'" CALL TO SJF RETRIEVE ACTIVE 2819
		..1.		IDDSJFFA	"X'20'" CALL TO SJF FIND IS ACTIVE 2819
		...1		IDDSJFUA	"X'10'" CALL TO SJF UPDATE ACTIVE 2819

Table 252. Structure IATYIDD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		IDDSJFGA	"X'08'" CALL TO SJF GET IS ACTIVE 2819
		.... .1..		IDDSJFTA	"X'04'" CALL TO SJF TERMINATE ACTIV 2819
		.... ..1.		IDDSJFUN	"X'02'" SJF UPDATE NEEDED
		1		IDDSWBFL	"X'01'" FAILURE IN SWB PROCESSING 2819
1934	(78E)	BITSTRING	1	IDDCFLG1	COMPATIBILITY FLAG # 1
		DEFINITION OF IDDCFLG1			
		1...		IDDCWRIT	"X'80'" WRITE OUT THE CONTROL BLOCKS
		.1..		IDDCJEND	"X'40'" JOB END RECEIVED
		..1.		IDDCJREC	"X'20'" JOB RECORD SUPPLIED
		...1		IDDCSREC	"X'10'" STEP RECORD SUPPLIED
		.... 1...		IDDCDREC	"X'08'" DD RECORD SUPPLIED
		.... .1..		IDDCJBLB	"X'04'" 1ST JOBLIB PROCESSED
		.... ..1.		IDDCCJBL	"X'02'" CONCAT. RESTART JOBLIB
		1		IDDCJBCT	"X'01'" JOBCAT DD ALREADY PROCESSED
1935	(78F)	BITSTRING	1	IDDPFLG1	PRESCAN FLAG #1
		DEFINITION OF IDDPFLG1			
		1...		IDDPRCMT	"X'80'" INTER-JOB CATALOG MATCH
		.1..		IDDPRPMT	"X'40'" INTER-JOB PASS MATCH
		..1.		IDDPRSUP	"X'20'" STEP UPDATE REQUIRED
		...1		IDDOUTPR	"X'10'" OUTPUT STATEMENT PROCESSING 3061 HAS BEEN PERFORMED 3061
		.... 1...		IDDSIPAD	"X'08'" IPADDR exists in DEST stmt 0318
		.... .1..		IDDGDGBS	"X'04'" GDGBIAS=STEP for this job
		.... ..1.		IDDPF102	"X'02'" RESERVED
		1		IDDPF101	"X'01'" RESERVED
1935	(78F)	X'790'	0	IDDPREPE	"*"
		WORK AREA FOR IATIICM/IATIIOS			
1936	(790)	SIGNED	4	IDDPWK(21)	WORK AREA FOR ACCESS METHOD
2020	(7E4)	SIGNED	4	IDDSWBUF	PTR TO WORKING STGE IICM
2024	(7E8)	SIGNED	4	IDDIIOSW	PTR TO WORKING STGE IATIIOS
2028	(7EC)	SIGNED	4	IDDSWB	ADDRESS OF SWB ANCHOR
2032	(7F0)	SIGNED	4	IDDSJGEP	SJF GET PARMLIST ADDRESS 3361
2036	(7F4)	SIGNED	4	IDDMRESS(2)	RESERVED FOR SERVICE 3361
2044	(7FC)	SIGNED	4	IDDCSCT	SCT PTR
2048	(800)	SIGNED	4	IDDCCSCT	CURRENT SCT PTR
2052	(804)	SIGNED	4	IDDCJMR	JMR PTR
2056	(808)	SIGNED	4	IDDCJFCB	JFCB PTR
2060	(80C)	SIGNED	4	IDDCSIOT	SIOT PTR
2064	(810)	SIGNED	4	IDDCDSNQ	DSENQ PTR
2068	(814)	SIGNED	4	IDDCDSN	DSN PTR

Table 252. Structure IATYIDD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2072	(818)	SIGNED	4	IDDCCHNA	ALTERNATE SCT PTR
2076	(81C)	SIGNED	4	IDDCSPLT	SPLIT ALLOCATION PTR
2080	(820)	SIGNED	4	IDDCMRES	COMPATIBILITY RESTART ADDR
2084	(824)	SIGNED	4	IDDCNDSN	NEXT DSN LTTR
2088	(828)	SIGNED	4	IDDCPGME	PGM=* SIOT PTR
2092	(82C)	SIGNED	4	IDDCJXTM	EST. JOB TIME FROM JCT
2096	(830)	SIGNED	4	IDDCORSI	TEMP. NEXT-SIOT STORAGE
2100	(834)	SIGNED	4	IDDTRMPL	PTR TO SJF PARAMETER LIST FOR SJF TERMINATION REQUEST
2104	(838)	SIGNED	4	IDDCMRSS(4)	RESERVED FOR SERVICE
2120	(848)	SIGNED	4	IDDCMRSD(3)	RESERVED FOR DEVELOPMENT
2132	(854)	SIGNED	4	IDDCMRSU	RESERVED FOR USER
2136	(858)	SIGNED	2	IDDCMWSZ	SIZE OF WORKING STGE IN IICM
2138	(85A)	SIGNED	2	IDDOSWSZ	SIZE OF WORKING STGE IN IIOS
2140	(85C)	SIGNED	2	IDDAUXSZ	SIZE OF AUXILIARY SWB BUFFER
2142	(85E)	SIGNED	2	IDDRSVD1	RESERVED FOR SERVICE 0007
2144	(860)	SIGNED	2	IDDCSINO	NUMBER OF SIOTS IN THE STEP
2146	(862)	SIGNED	2	IDDCSTNO	STEP NUMBER
		WORK AREA FOR SWA PROCESSING			
2148	(864)	SIGNED	4	IDDSWIOT	PTR TO CURRENT SIOT
2152	(868)	SIGNED	4	IDDIICMW	PTR TO WORKING STGE FOR SWA PROCESSING
2156	(86C)	SIGNED	4	IDDRSVFW	RESERVED FOR DEVELOPMENT
2160	(870)	SIGNED	4	IDDCMSRC	RETURN CODE FROM SJF (IF SJF ERROR DURING SWA PROCESSING)
2164	(874)	SIGNED	4	IDDCMSRE	REASON CODE FROM SJF (IF SJF ERROR DURING SWA PROCESSING)
2168	(878)	ADDRESS	4	IDDCMPRM	ADDRESS OF SWA PROCESSING PARM AREA (USED BY SJF)
2172	(87C)	ADDRESS	4	IDDCMRTN	ADDRESS OF SWA PROCESSING ROUTINE IN IATIICM (USED BY IATIIST)
		SJF PARAMETER LISTS - USED BY SWA PROCESSING			
2176	(880)	ADDRESS	4	IDDRSVAD	RESERVED FOR DEVELOPMENT
2180	(884)	ADDRESS	4	IDDSJRTV	ADDRESS OF SJF RETRIEVE PARM LIST (USED BY SWA PROCESSING)
		3 LINES DELETED BY PTM PH90207 0			
2184	(888)	BITSTRING	1	IDDCRSVD	RESERVED FOR DEVELOPMENT 0207 0207
2184	(888)	X'889'	0	IDDCOME	"*"
		WORK AREA FOR COMPATIBILITY RETURNS			
2188	(88C)	SIGNED	4	IDDRCOMM(0)	ORIGIN FOR JBL, STP, DDL
		IATYJOB TYPE=NULL Job Level Information 01 CHANGE ACTIVITY: $TA= z2.1.0 HJS7790 120224 PD0TN: z 2.1.0 16710TAA			

Table 252. Structure IATYIDD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2188	(88C)	SIGNED	4	IATYJOB(0)	- JOB LEVEL INFO START
2188	(88C)	SIGNED	4	JBLTSOID	- TSO USER ID PTR
2192	(890)	SIGNED	4	JBLACT#1	ADDRESS OF IDDACT#1 WHICH CONTAINS PROGRAMMER NAME, JOB TIME, AND JOB ACCTG INFO COPIED FROM THE FIRST JOB ACT
2196	(894)	SIGNED	4	JBLACT#2	ADDRESS OF IDDACT#2 WHICH CONTAINS PROGRAMMER NAME, JOB TIME, AND JOB ACCTG INFO COPIED FROM THE SECOND JOB ACT
2200	(898)	SIGNED	4	JBLSMFU	- PTR TO USER SMF AREA
2204	(89C)	CHARACTER	1	JBLRSVD1	RESERVED FOR DEVELOPMENT 0043
2205	(89D)	CHARACTER	1	JBLMSGCL	- JOB MESSAGE CLASS
2206	(89E)	CHARACTER	1	JBLPRTY	- JOB PRIORITY
2207	(89F)	CHARACTER	1	JBLCLASS	- JOB CLASS
2208	(8A0)	BITSTRING	1	JBLFSTEP	- STEP NUM OF FIRST STP TO RUN
2209	(8A1)	BITSTRING	1	JBLRSTRT	- JOB RESTART FLAGS

```
------------------------------------------------------------ 16710TAM
              Definition of JBLRSTRT 16710TAM
------------------------------------------------------------ 16710TAM
```

		1...		JBLSTPRS	"X'80'" - Step restart specified 16710TAM
		.1..		JBLCHKRS	"X'40'" - Checkpoint restart specif'd 16710TAM
		.... 1...		JBLJRNL	"X'08'" Journal required 16710TAM 16710TAA
2210	(8A2)	BITSTRING	1	JBLFLAG1	- JOB STATUS FLAG

```
------------------------------------------------------------ 16710TAM
              Definition of JBLFLAG1 16710TAM
------------------------------------------------------------ 16710TAM
```

		1...		JBLADDRL	"X'80'" - ADDRSPC=REAL was specified 16710TAM 16710TAA
2212	(8A4)	SIGNED	4	JBLRSVD	RESERVED FOR DEVELOPMENT
2216	(8A8)	SIGNED	4	JBLRSVS	RESERVED FOR SERVICE
2220	(8AC)	SIGNED	4	JBLRSVU	RESERVED FOR USER
2224	(8B0)	BITSTRING	1	JBLEND(0)	- END OF JOBL ENTRY 10#16710TAD

```
IATYSTP TYPE=NULL
          STEP LEVEL INFORMATION
CHANGE-ACTIVITY =
$TA= z2.1.0 HJS7790 120224 PD0TN: z 2.1.0 16710TAA
```

2188	(88C)	SIGNED	4	IATYSTP(0)	- STEP LEVEL INFO START
2188	(88C)	SIGNED	4	STLSTPNM	- STEP NAME PTR
2192	(890)	SIGNED	4	STLPSTNM	- PROC STEP NAME PTR
2196	(894)	SIGNED	4	STLREGN	- REGION SIZE PTR (SCTMSSZE) 0081
2200	(898)	SIGNED	4	STLREGNX	- REGION SIZE PTR (SCTRGSZ) 0081
2204	(89C)	SIGNED	4	STLPGMNM	- PROGRAM NAME PTR
2208	(8A0)	SIGNED	4	STLSDPCD	- STEP DEPENDENCY CODES PTR
2212	(8A4)	SIGNED	4	STLACT#1	ADDRESS OF IDDACT#1 WHICH CONTAINS PROGRAMMER NAME, JOB TIME AND JOB ACCTG INFO COPIED FROM FIRST ACT FOR THIS STEP

Table 252. Structure IATYIDD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2216	(8A8)	SIGNED	4	STLACT#2	ADDRESS OF IDDACT#2 WHICH CONTAINS PROGRAMMER NAME, JOB TIME AND JOB ACCTG INFO COPIED FROM SECOND ACT FOR THIS STEP
2220	(8AC)	SIGNED	4	STLID	- LTTR(R/I)/SWA(C/I) OF SCT
2224	(8B0)	SIGNED	2	STLPCATN	- NUMBER OF PRIVATE CATALOGS
2226	(8B2)	BITSTRING	1	STLFLGS1	- FLAG RESERVED FOR SERVICE
2227	(8B3)	BITSTRING	1	STLSTPNO	- STEP NUMBER
2228	(8B4)	BITSTRING	1	STLFLAG1	- FLAG #1

```
------------------------------------------------------------ 16710TAM
              Definition of STLFLAG1 16710TAM
------------------------------------------------------------ 16710TAM
```

		1...		STLADDRL	"X'80'" - ADDRSPC=REAL specified 16710TAM
		.1..		STLPCEQJ	"X'40'" - Private cat equals JOBCAT 16710TAM
		..1.		STLCONEV	"X'20'" - Cond code EQ EVEN specified 16710TAM
		...1		STLCONON	"X'10'" - Cond code EQ ONLY specified 16710TAM
		.... 1...		STLJRNL	"X'08'" Journal required 16710TAM
2229	(8B5)	BITSTRING	1	STLFLAGS	- FLAG RESERVED FOR SERVICE
2230	(8B6)	BITSTRING	1	STLFLAGD	- FLAG RESERVED FOR DVLPMENT
2231	(8B7)	BITSTRING	1	STLFLAGU	- FLAG RESERVED FOR USER
2232	(8B8)	SIGNED	2	STLPERFG	- STEP LEVEL PERFORMANCE
2234	(8BA)	BITSTRING	1	STLEND(0)	- END OF STPL ENTRY 8#16710TAD
2316	(90C)	CHARACTER	169	IDDACT#1	IICM STOR. FOR ACT#1 AND #2
2485	(9B5)	CHARACTER	169	IDDACT#2	MAPPED BY INTERNAL DSECT

```
        IATYDDL TYPE=NULL
                 DD LEVEL INFORMATION
01 Change Activity:
   $TA= z2.1.0 HJS7790 130204 RD0RJ: z 2.1.0 18531TAA
```

2188	(88C)	SIGNED	4	IATYDDL(0)	DD LEVEL INFO START
2188	(88C)	SIGNED	4	DDLDDNAM	DDNAME PTR
2192	(890)	SIGNED	4	DDLDSN	DATA SET NAME PTR
2196	(894)	SIGNED	4	DDLDSNQ	DATA SET NAME QUALIFIER PTR
2200	(898)	SIGNED	4	DDLUNIT	PTR TO UNIT NAME
2204	(89C)	CHARACTER	4	DDL4DGT	4 DIGIT DEVICE NUMBER
2208	(8A0)	SIGNED	4	DDLUNIQ	SWA ADDRESS OF THE SIOT

```
                4 LINES DELETED BY APAR OY66987
```

2212	(8A4)	SIGNED	4	DDLVJFCB	PTR TO VOLS IN JFCB
2216	(8A8)	SIGNED	4	DDLVL#1	PTR TO VOLS IN JFCBX #1
2220	(8AC)	SIGNED	4	DDLVL#2	PTR TO VOLS IN JFCBX #2
2224	(8B0)	SIGNED	4	DDLVL#3	PTR TO VOLS IN JFCBX #3
2228	(8B4)	SIGNED	4	DDLVL#4	PTR TO VOLS IN JFCBX #4
2232	(8B8)	SIGNED	4	DDLVL#5	PTR TO VOLS IN JFCBX #5
2236	(8BC)	SIGNED	4	DDLVL#6	PTR TO VOLS IN JFCBX #6

Table 252. Structure IATYIDD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2240	(8C0)	SIGNED	4	DDLVL#7	PTR TO VOLS IN JFCBX #7
2244	(8C4)	SIGNED	4	DDLVL#8	PTR TO VOLS IN JFCBX #8
2248	(8C8)	SIGNED	4	DDLVL#9	PTR TO VOLS IN JFCBX #9
2252	(8CC)	SIGNED	4	DDLVL#10	PTR TO VOLS IN JFCBX #10
2256	(8D0)	SIGNED	4	DDLVL#11	PTR TO VOLS IN JFCBX #11
2260	(8D4)	SIGNED	4	DDLVL#12	PTR TO VOLS IN JFCBX #12
2264	(8D8)	SIGNED	4	DDLVL#13	PTR TO VOLS IN JFCBX #13
2268	(8DC)	SIGNED	4	DDLVL#14	PTR TO VOLS IN JFCBX #14
2272	(8E0)	SIGNED	4	DDLVL#15	PTR TO VOLS IN JFCBX #15
2276	(8E4)	SIGNED	4	DDLVL#16	PTR TO VOLS IN JFCBX #16
2280	(8E8)	SIGNED	4	DDLVL#17	PTR TO VOLS IN JFCBX #17
2284	(8EC)	SIGNED	4	DDLVREF	BK REF ID (VOL=REF/SUB/SPLT)
2288	(8F0)	ADDRESS	4	DDLANAM	Pointer to temporary data set name (SCTANAME)
2292	(8F4)	SIGNED	4	DDLDSNP	PTR TO DSN FOR VOL=REF=DSN
2296	(8F8)	SIGNED	4	DDLUAFFP	UNIQUE ID OF AFF'D REQUEST
2300	(8FC)	SIGNED	4	DDLDCBP	PTR TO DSN FOR DCB=DSN
2304	(900)	SIGNED	4	DDLLIKEP	PTR TO DSN FOR LIKE=DSN
		THE FOLLOWING TWO FIELDS ARE PASSED TO IFG0JES3. THEY MUST BE CONTIGUOUS.			
2308	(904)	CHARACTER	8	DDLSMSUT	SMS MANAGED MOUNTABLE UNIT- NAME
2316	(90C)	SIGNED	4	DDLULIST	POINTER TO UNITNAME LIST
2320	(910)	SIGNED	4	DDLUAFFI	SIOT ADDRESS OF DD SPECIFIED ON UNIT=AFF REQUEST
		THIS LINE DELETED BY APAR OW38427			
2324	(914)	SIGNED	2	DDLRSVSR	RESERVED FOR SERVICE
2326	(916)	SIGNED	2	DDLDSSEQ	DATA SET SEQUENCE NUMBER FROM LABEL PARAMETER
2328	(918)	SIGNED	2	DDLDSND	STEP # OF DSN DEQ
2330	(91A)	BITSTRING	1	DDLNUMUN	NUMBER OF UNITS REQUESTED
2331	(91B)	BITSTRING	1	DDLDCBL	LEN OF DSN FOR DCB=DSN
2332	(91C)	BITSTRING	1	DDLLIKEL	LEN OF DSN FOR LIKE=DSN
2333	(91D)	BITSTRING	1	DDLMEDIA	MEDIA TYPE (FROM JFCTDSI1)
2334	(91E)	BITSTRING	1	DDLDSNL	LEN OF DSN FOR VOL=REF=DSN
2335	(91F)	BITSTRING	1	DDLNOVLS	COUNT OF VOLUMES SPECIFIED
2336	(920)	BITSTRING	1	DDLVOLCT	VOLCOUNT OF MAX VOLS
2337	(921)	BITSTRING	1	DDLVLSEQ	VOLUME SEQUENCE NUMBER
2338	(922)	BITSTRING	1	DDLFLG1	FLAG1 - LABEL INFORMATION
		DEFINITION OF DDLFLG1 - LABEL INFORMATION			
		.1..		DDLAL	"X'40'" AL (IF BIT 4 ON THEN AUL)
		..1.		DDLLTM	"X'20'" DOS LEADING TAPE MARK
		...1		DDLBLP	"X'10'" BYPASS LABEL PROCESSING
		.... 1.1.		DDLUL	"X'0A'" USER LABEL
		.... .1..		DDLNSL	"X'04'" NONSTANDARD LABEL

Table 252. Structure IATYIDD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... ..1.		DDLSL	"X'02'" STANDARD LABEL
		1		DDLNL	"X'01'" NO LABEL
2339	(923)	BITSTRING	1	DDLFLG2	FLAG2 - DISPOSITION
		DEFINITION OF DDLFLG2 - DISP INFORMATION			
		11..		DDLNEW	"X'C0'" DISP=NEW
		1...		DDLMOD	"X'80'" DISP=MOD
		.1..		DDLOLD	"X'40'" DISP=OLD
		..1.		DDLXXXX1	"X'20'" RSRVD FOR DEVELOPMENT
		...1		DDLPASS	"X'10'" DISP=PASS
		.... 1...		DDLKEEP	"X'08'" DISP=KEEP
		.... .1..		DDLDEL	"X'04'" DISP=DELETE
		.... ..1.		DDLCAT	"X'02'" DISP=CATLG
		1		DDLUCAT	"X'01'" DISP=UNCATLG
2340	(924)	BITSTRING	1	DDLFLG3	FLAG3 - EXPLICIT BACK REF
		DEFINITION OF DDLFLG3 - EXPLICIT BACK REF			
		1...		DDLUNAFF	"X'80'" UNIT AFFINITY SPECIFIED
		.1..		DDLVLRDD	"X'40'" VOL=REF=DD SPECIFIED
		..1.		DDLVLRDS	"X'20'" VOL=REF=DSN SPECIFIED
		...1		DDLDCBRF	"X'10'" DCB=DSNAME SPECIFIED
		.... 1...		DDLSMS	"X'08'" THE DATA SET IS SMS MANAGED
		.... .1..		DDLVRFEX	"X'04'" A REFERENCE TO AN LVS ENTRY EXISTS AND SHOULD BE INCLUDED IN THE REFERENCING ENTRY
		.... ..1.		DDLVRPAS	"X'02'" PASSED DATASET
		1		DDLJSCRF	"X'01'" PRIV. CATLG. REFERENCE
2341	(925)	BITSTRING	1	DDLFLG4	FLAG4 - REQUEST STRIKE OUT
		DEFINITION OF DDLFLG4 - REQUEST STRIKE OUT			
		1...		DDLDUM	"X'80'" DD DUMMY WAS SPECIFIED
		.1..		DDLSYS	"X'40'" SYSIN/SYSOUT DATA SET
		..1.		DDLTERMT	"X'20'" TSO TERM=TS
		...1		DDLQNAM	"X'10'" TCAM QNAME=
		.... 1...		DDLNUNIT	"X'08'" POSSIBLE INVALID UNIT
		.... .1..		DDLGDGAL	"X'04'" POTENTIAL GDG-ALL
		.... ..1.		DDLDCBDS	"X'02'" CREATE IJS FOR DCB=DSN
		1		DDLINVU	"X'01'" UNSUPPORTED/INVALID UNIT
2342	(926)	BITSTRING	1	DDLFLG5	FLAG5 - GENERAL INFO #1
		DEFINITION OF DDLFLG5 - GENERAL INFO #1			
		1...		DDLPCAT	"X'80'" POTENTIAL CATAL REQUEST
		.1..		DDLISAM	"X'40'" DSORG=IS SPECIFIED
		..1.		DDLCCAT	"X'20'" CONCATENATED DD REQ
		...1		DDLGDSN	"X'10'" GENERATED DSN
		.... 1...		DDLJOBL	"X'08'" JOBLIB DD REQUEST

Table 252. Structure IATYIDD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... .1..		DDLJSCAT	"X'04'" JOBCAT/STEPCAT REQUEST
		.... ..1.		DDLCATC	"X'02'" CONCATENATED PRIVATE CATALOG
		1		DDLGDGS	"X'01'" GDG SINGLE REQUEST
2343	(927)	BITSTRING	1	DDLFLG6	FLAG6 - GENERAL INFO #2
		DEFINITION OF DDLFLG6 - GENERAL INFO #2			
		1...		DDLDEFER	"X'80'" DEFER MOUNTING REQUEST
		.1..		DDLDSCR	"X'40'" SCRATCH REQUEST
		..1.		DDLDPAR	"X'20'" PARALLEL MOUNT REQUEST
		...1		DDLJOBC	"X'10'" JOBCAT DD - SET BY IATIIPR
		.... 1...		DDLINOUT	"X'08'" IN/OUT TYPE OF DATA SET
		.... .1..		DDLOUTIN	"X'04'" OUT/IN TYPE OF DATA SET
		.... ..1.		DDLPRIV	"X'02'" PRIVATE WAS SPECIFIED
		1		DDLDDEL	"X'01'" DATA SET DELETED IN 0122 PREVIOUS STEP 0122
2344	(928)	BITSTRING	1	DDLFLG7	FLAG7 - GENERAL INFO #3
		DEFINITION OF DDLFLG7 - GENERAL INFO #3			
		1...		DDLDSSYS	"X'80'" 'SUBSYS=' SPECIFIED
		.1..		DDLMSVGP	"X'40'" 'MSVGP=' SPECIFIED
		..1.		DDLUNCAT	"X'20'" DATASET TO BE LOCATED HAS BEEN UNCATALOGED
		...1		DDLSSRCH	"X'10'" SPECIAL PASS/CAT SEARCH FOR NEW MSVGP DATASET
		.... 1...		DDLDMND	"X'08'" DEMAND ALLOCATION REQUEST (I.E. SIOTDMND)
		.... .1..		DDLRFMOD	"X'04'" INDICATES PROBABLE REF TO DATA SET WITH DISP=(MOD,)
		.... ..1.		DDLJVTCD	"X'02'" JVT ENTRY HAS BEEN CREATED FOR THIS DD STATEMENT
		1		DDLSPMOD	"X'01'" INDICATES SPECIAL DISP=(MOD,) PROCESSING IS REQUIRED.
2345	(929)	BITSTRING	1	DDLFLG8	FLAG8 - GENERAL INFO #4
		DEFINITION OF DDLFLG8 GENERAL INFO #4			
		1...		DDLDSRC	"X'80'" UNIT SEARCHED
		.1..		DDLCREJB	"X'40'" THIS DATA SET WAS CREATED IN THIS JOB
		..1.		DDLMDNEW	"X'20'" A DISP=MOD REQUEST IS REALLY A DISP=NEW REQUEST. THIS FLAG IS USED BY IATIIPR WHEN SETTING THE DISPOSITION IN THE LVS ENTRY.
		...1		DDLDEFUN	"X'10'" THE UNIT TYPE FOR THIS DD IS A DEFAULT ASSIGNED BY SMS IDAX
		THE SIOTHIER BIT IN SIOTBYT4 IS SET TO INDICATE THAT SIOT REPRESENTS A HIERARCHICAL FILE. DDLHIER WILL BE SET IN IATIICM TO INDICATE A HIERARCHICAL FILE TO IATIIPR.			
		.... 1...		DDLHIER	"X'08'" A HIERARCHICAL FILE SPECIFIED
		.... .1..		DDLDUPT	"X'04'" STORCLAS=DUPT@SMS SPEC'D

Table 252. Structure IATYIDD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
---------- 18531TAA The following two bits must be consecutive and maintained 18531TAA in the same order as the LVSDLIFO/LVSDFIFO flags in the 18531TAA LVS (IATYLVS). 18531TAA ---------- 18531TAA					
		.... ..1.		DDLGDGLI	"X'02'" GDGORDER=LIFO specified 18531TAA
		1		DDLGDGFI	"X'01'" GDGORDER=FIFO specified 18531TAA
2346	(92A)	BITSTRING	1	DDLFLG9	GENERAL INFORMATION FLAG
DEFINITION OF DDLFLG9 - GENERAL INFO					
		1...		DDLSMSMM	"X'80'" SMS MANAGED MOUNTABLE
		.1..		DDLURORD	"X'40'" UNIT AFFINITY WAS INVALID. THE AFF'ING DD HAS TO USE THE UNIT ON THE AFF'D DD OR AN EDTINFO DEFAULT.
		..1.		DDLRQ522	"X'20'" JOB REQUIRES A MINIMUM 522 SYSTEM TO EXECUTE
		...1		DDLAFOLD	"X'10'" THIS REQUEST (OR ONE THAT IT REFERENCES) SPECIFIES UNIT AFFINITY TO A REQUEST IN WHICH DISP IS NOT NEW
		.... 1...		DDLRF908	"X'08'" RESERVED
		.... .1..		DDLRF904	"X'04'" RESERVED
		.... ..1.		DDLSMSHN	"X'02'" SMSHONOR JCL KEYWORD SPEC'D
		1		DDLRF901	"X'01'" RESERVED
2347	(92B)	BITSTRING	1	DDLFLGA	RESERVED FOR USER
2348	(92C)	BITSTRING	1	DDLEND(0)	END OF DDL ENTRY
WORK AREA FOR IATIIOS, IATIISP AND IATIISB					
2188	(88C)	SIGNED	4	IDDOSWRK(0)	START OF IATIIOS WORK AREA 3361
2188	(88C)	SIGNED	4	IDDOSSAV(7)	SAVE AREA FOR REGS 2-8 3361
2216	(8A8)	SIGNED	4	IDDSJFRC	RETURN CODE FROM SJF 3361 (IF SJF ERROR DETECTED)
2220	(8AC)	SIGNED	4	IDDSJRES	REASON CODE FROM SJF 3361 (IF SJF ERROR DETECTED)
2224	(8B0)	ADDRESS	4	IDDOTFDB	ADDR. OF OUTPUT FDB IN JDS 3361
2228	(8B4)	ADDRESS	4	IDDOTJDS	ADDRESS OF JDS ENTRY 3361
2232	(8B8)	ADDRESS	4	IDDOTPRM	ADDRESS OF OUTPUT PARAMETER 3361 AREA USED FOR SJF 3361
2236	(8BC)	ADDRESS	4	IDDOSRTN	ADDRESS OF OUTPUT SWB 3361 ROUTINE IN IATIIOS - USED 3361 BY IATIISB 3361
2240	(8C0)	ADDRESS	4	IDDIISP	ADDRESS OF IATIISP SWA SPOOL WRITER ROUTINE
2244	(8C4)	ADDRESS	4	IDDRPL	ADDRESS OF RPL USED BY IATIISP
SPOOL ADDRESSES FOR JCBLOCK					
2248	(8C8)	BITSTRING	6	IDDJBFT	JCBLOCK FIRST SPOOL ADDRESS
2254	(8CE)	BITSTRING	1	IDDJBLT	JCBLOCK LAST SPOOL ADDRESS
SJF PARAMETER LISTS 3					

Table 252. Structure IATYIDD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2260	(8D4)	ADDRESS	4	IDDSJFIN	ADDRESS OF SJF FIND 3361 PARAMETER LIST 3361
2264	(8D8)	ADDRESS	4	IDDSJRET	ADDRESS OF SJF RETRIEVE 3361 PARAMETER LIST 3361
2268	(8DC)	ADDRESS	4	IDDSJUPD	ADDRESS OF SJF UPDATE 3361 PARAMETER LIST 3361
2272	(8E0)	ADDRESS	4	IDDSJGET	ADDRESS OF SJF GET 3361 PARAMETER LIST 3361
2276	(8E4)	ADDRESS	4	IDDSJMRG	Address of SJF merge parameter list
2280	(8E8)	ADDRESS	4	IDDSJSCN	Address of SJF scan parameter list
2284	(8EC)	BITSTRING	1	IDD209ER	DM209 ERROR CODES 0207 0207
		DEFINITION OF IDD209ER 0 SJF ERRORS DETECTED DURING OUTPUT SWB PROCESSING 0			
		.... .1..		IDDOSFND	"X'04'" IATIIOS SJF FIND ERROR 0207
		.... 1...		IDDOSRET	"X'08'" IATIIOS SJF RETRIEVE ERROR 0207
		.... 11..		IDDOSUPD	"X'0C'" IATIIOS SJF UPDATE ERROR 0207
		...1		IDDOSGET	"X'10'" IATIIOS SJF GET ERROR 0207
		...1 .1..		IDDOSSCN	"X'14'" IATIIOS SJF scan error
		...1 1...		IDDOSMRG	"X'18'" IATIIOS SJF merge error
		SJF ERRORS DETECTED DURING SWA SPOOLING 0			
		..1. .1..		IDDSPGET	"X'24'" IATIISP SJF GET ERROR 0207
		SJF ERRORS DETECTED DURING SWA PROCESSING 0			
		.1.. .1..		IDDCMRET	"X'44'" IATIICM SJF RETRIEVE ERROR 0207
2285	(8ED)	BITSTRING	1	IDDOFLG1	FLAG ONE 3361
		DEFINITION OF IDDOFLG1 3			
		1...		IDDSTPLV	"X'80'" STEP LEVEL OUTPUT SWB 3361 CHAINS ARE BEING PROCESSED 3361
		.1..		IDDCPYWS	"X'40'" SJF WORKING STORAGE HAS 3361 BEEN COPIED INTO SJF GET, 3361 RETRIEVE AND UPDATE 3361 PARAMETER LISTS 3361
		..1.		IDDOSEOD	"X'20'" END OF DATA, NO MORE OUTPUT 3361 SWB CHAINS TO PROCESS 3361
		...1		IDDOSCON	"X'10'" CONTINUATION SWB RECORD
		.... 1...		IDDOSNWF	"X'08'" NEW MRF SWB FILE NEEDED
		.... .1..		IDDDESTE	"X'04'" DEST error on OUTPUT STMT
		.... ..1.		IDDDESTL	"X'02'" DEST Length error
		1		IDDOS101	"X'01'" RESERVED 3361 3361
2286	(8EE)	BITSTRING	6	IDDIPTXU	Text unit key, count, len
2292	(8F4)	CHARACTER	124	IDDIPADR	IPADDR text unit
2416	(970)	BITSTRING	6	IDDDSTXU	Text unit key, count, len
2422	(976)	CHARACTER	8	IDDDEST	DEST (primary dest) text unit
2430	(97E)	BITSTRING	1	IDDOFLG2	Flag two

Table 252. Structure IATYIDD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		Definition of IDDOFLG2			
		1...		IDDOSWB1	"X'80'" First job SWB chain active
		.1..		IDDOMRGE	"X'40'" MERGE=YES SWB chain found
		..1.		IDDOJSDS	"X'20'" JESDS SWB chain found
		...1		IDDOADMG	"X'10'" Adding a merged SWB chain
		.... 1...		IDDOS208	"X'08'" Reserved
		.... .1..		IDDOS204	"X'04'" Reserved
		.... ..1.		IDDOS202	"X'02'" Reserved
		1		IDDOS201	"X'01'" Reserved
2431	(97F)	BITSTRING	1	IDDOSEND(0)	END OF WORK AREA
2431	(97F)	X'F3'	0	IDDOSIZE	"IDDOSEND-IDDOSWRK" SIZE OF WORK AREA
2654	(A5E)	BITSTRING	1	IDDPREND(0)	END OF PRESCAN WORK AREA
		WORK AREA FOR THE POSTSCAN PHASE			
1376	(560)	SIGNED	4	IDDPSTST(0)	START OF POSTSCAN WORK AREA
		WORK AREA FOR LOCATE FUNCTION OF POSTSCAN			
1376	(560)	SIGNED	4	IDDLOCWK(2)	WORK AREA FOR LOCATE
		IATYLET TYPE=NULL IATYFDB FILE DESCRIPTION BLOCK THE FDB HAS BEEN PREVIOUSLY GENERATED Locate Entrance Table $M0= SMSSTG2 HJS3312 870219 PD0DR: SP 3.1.2 $MD= SMSSTG2 HJS3312 870527 PD0PW: SP 3.1.2 0			
1384	(568)	DBL WORD	8	IATYLET(0)	
1384	(568)	BITSTRING	1	LETSTART(0)	Locate Entrance Table
1384	(568)	CHARACTER	4	LETID	Control Block ID
1388	(56C)	SIGNED	4	LETCHAIN	Address of next LET on queue
1392	(570)	SIGNED	4	LETJOBNO	Job number (in binary)
1396	(574)	SIGNED	4	LETMAINS	Main processor eligibility mask
1400	(578)	ADDRESS	4	LETLRS	Locate Response (LRS) address
1404	(57C)	ADDRESS	4	LETRAB	Record Allocation Block (RAB) Address
1408	(580)	ADDRESS	4	LETMPC	MPC address of the main processor where the Locate request has been scheduled to
1412	(584)	ADDRESS	4	LETLCT	Locate Control Table (LCT) of the Locate subtask that is processing this job
1416	(588)	SIGNED	4	LETRSVDD(2)	Reserved for development
1424	(590)	DBL WORD	8	LETRSTTM	Locate request start time (the time that the LET was put on the LET queue)
1432	(598)	DBL WORD	8	LETASTTM	Locate active start time (the time that the job was scheduled by the Locate FCT)
		SPOOL ADDRESSES			
1440	(5A0)	BITSTRING	12	LETLVSFD	LVS FDB

Table 252. Structure IATYIDD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1452	(5AC)	BITSTRING	6	LETSCHFS	SMS Scheduling Information 0098 First Spool Address 0098
1458	(5B2)	BITSTRING	6	LETSCHLS	SMS Scheduling Information 0098 Last Spool Address 0098
1464	(5B8)	BITSTRING	6	LETJOBFS	SMS Job Information spool 0098 First Spool Address 0098
1470	(5BE)	BITSTRING	1	LETFLAG1	LET Flag One
		DEFINITION OF LETFLAG1			
		1...		LETCMPLT	"X'80'" Locate processing complete (set by Locate FCT to post the requestor - see bit definitions that follow for results of Locate processing)
		.1..		LETCANCL	"X'40'" Job was cancelled (set when LETCMPLT is set)
		..1.		LETLOCFL	"X'20'" Locate FCT failure (set when LETCMPLT is set)
		...1		LETNOMN	"X'10'" No eligible main (set when LETCMPLT is set) The remaining bit settings are used by the Locate FCT or the requester of Locate services
		.... 1...		LETGMAIN	"X'08'" LET was GETMAINed - Otherwise the LET is an integral part of the IDD
		.... .1..		LETSERV	"X'04'" LET serviced (scheduled)
		.... ..1.		LETRESID	"X'02'" LET is residual over a global restart
		1		LETNOMAT	"X'01'" LET will be marked complete at the end of locate restart processing. This job was in the global LCP but not the local's LCR, thus no match.
1471	(5BF)	BITSTRING	1	LETFLAG2	LET Flag Two
		Definition of LETFLAG2			
		1...		LETRF280	"X'80'" Reserved Flag
		.1..		LETRF240	"X'40'" Reserved Flag
		..1.		LETRF220	"X'20'" Reserved Flag
		...1		LETRF210	"X'10'" Reserved Flag
		.... 1...		LETRF208	"X'08'" Reserved Flag
		.... .1..		LETRF204	"X'04'" Reserved Flag
		.... ..1.		LETRF202	"X'02'" Reserved Flag
		1		LETRF201	"X'01'" Reserved Flag
1472	(5C0)	SIGNED	4	LETRSVD	Reserved for Development
1476	(5C4)	SIGNED	4	LETRSVS	Reserved for Service
1480	(5C8)	SIGNED	4	LETRSVU	Reserved for User
		The LET must end on a doubleword boundary for Locate restart purposes. During Locate restart, a LET and RAB are GETMAINed in contiguous storage. By ending the LET on a doubleword boundary, the LET can be freed separately from the RAB.			
1488	(5D0)	DBL WORD	8	LETEND(0)	End of LET
1488	(5D0)	X'68'	0	LETSIZE	"LETEND-IATYLET" Size of LET

Table 252. Structure IATYIDD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1488	(5D0)	SIGNED	2	IDDGDGRF	NEW GENERATION IJS INDEX
1490	(5D2)	SIGNED	2	IDDLRVCT	HOLDS THE VOLUME COUNT FOR DATA SET STACKING
		THIS LINE DELETED BY APAR OY45740			
1492	(5D4)	SIGNED	4	IDDMCPID	MESSAGE CELLPOOL ID FOR MESSAGES RETURNED BY SMS PLCO
1496	(5D8)	ADDRESS	4	IDDMSGLS	ADDRESS OF THE MESSAGE LIST RETURNED BY SMS PLCO
1500	(5DC)	SIGNED	4	IDDP0XRG	EXECUTE REGISTER
1504	(5E0)	SIGNED	4	IDDCLRS	CURRENT LRS POINTER
1508	(5E4)	SIGNED	4	IDDUAIJS	UNIT AFFINITY IJS ADDRESS
1512	(5E8)	SIGNED	4	IDDP0RSD	RESERVED FOR DEVELOPMENT
1516	(5EC)	SIGNED	4	IDDP0SRT	P0LRSCAN RETURN SAVE
1520	(5F0)	SIGNED	4	IDDP0RT1	REGISTER SAVE AREA FOR RTN
1524	(5F4)	SIGNED	4	IDDP0RT2	REGISTER SAVE AREA FOR RTN
1524	(5F4)	X'5F4'	0	IDDP1CTR	"IDDP0RT2,2" IIP1 COUNTER
1524	(5F4)	X'5F7'	0	IDDP1ECF	"IDDP0RT2+3,1" IIP1 P1TIMER ECF
1528	(5F8)	SIGNED	4	IDDJCAMN	JES3 CATALOG AVAILABILITY MAIN MASK
1532	(5FC)	SIGNED	4	IDDLCRES(25)	WK AREA FOR LOC RESP MSG
1532	(5FC)	X'64'	0	IDDLCRSL	"*-IDDLCRES" LENGTH FOR IDDLCRES AREA
1632	(660)	SIGNED	4	IDDGDRET	REG14 SAVE AREA FOR GDG ROUT
1636	(664)	SIGNED	4	IDDGDWRK	ADDR. GETMAINED WORK FOR GDG LRS BUILD ROUTINE
1640	(668)	SIGNED	4	IDDGDLRS	ORIGINAL LRS ENTRY ADDRESS
1644	(66C)	SIGNED	2	IDDCOUNT	COUNT OF IJS'S ON TEMP. CHN.
1646	(66E)	SIGNED	2	IDDGDCNT	COUNT OF GDG IJS COMPLETED
1648	(670)	ADDRESS	4	IDDSSIPM	PARAMETER LIST FOR SSI REQUESTS
1652	(674)	ADDRESS	4	IDDSSOB	ADDR OF SSOB HEADER
1656	(678)	ADDRESS	4	IDDSSSA	ADDR OF SSOB EXT., FIXED
1660	(67C)	ADDRESS	4	IDDSSSAK	ADDR OF SSSA EXT., VAR.
1664	(680)	SIGNED	4	IDDLCRSD(4)	RESERVED FOR DEVELOPMENT
1680	(690)	BITSTRING	6	IDDLCRSU	RESERVED FOR USER
1686	(696)	BITSTRING	16	IDDLGDMW	MESSAGE WORK AREA
1702	(6A6)	BITSTRING	6	IDDP0EX3	EXECUTE INSTRUCTION FOR IATIIP0
1708	(6AC)	BITSTRING	6	IDDP0EX1	EXECUTE INSTRUCTION FOR IATIIP0
1714	(6B2)	BITSTRING	6	IDDP0EX2	EXECUTE INSTRUCTION FOR IATIIP0
1720	(6B8)	SIGNED	2	IDDP0VPT	LRS VOLUME INDEX PTR
1722	(6BA)	SIGNED	2	IDDP0MIN	MAJOR IJS ENTRY NUMBER
1724	(6BC)	SIGNED	2	IDDP0CIN	CURRENT IJS ENTRY NUMBER
1726	(6BE)	SIGNED	2	IDDP0CLV	CURRENT LVS ENTRY NUMBER
1728	(6C0)	BITSTRING	1	IDDP0RSV	RESERVED
1729	(6C1)	BITSTRING	1	IDDP0CST	CURRENT STEP NUMBER
1730	(6C2)	BITSTRING	1	IDDLOCF1	LOCATE FILE DISP. FLAGS
		DEFINITION OF IDDLOCF1			
	1...			IDDLOCW	"X'80'" LOCATE WRITE REQUIRED

Table 252. Structure IATYIDD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.1..		IDDLOCRW	"X'40'" LOCATE RESPONSE WRITE REQ.
		..1.		IDDGDCRE	"X'20'" CREATE LOCATE RESPONSE FOR REFERENCED GDG SINGLES
		...1		IDDGD1ST	"X'10'" FIRST PASS FOR GDG DATA SET WHEN NEW GENERATIONS WILL BE CREATED BY THIS JOB
		.... 1...		IDDGDONE	"X'08'" GDG LIMIT IS ONE GENERATION
		.... .1..		IDDIJ1ST	"X'04'" FIRST IJS PROCESSED
		.... ..1.		IDDIJREF	"X'02'" FIRST IJS REFERENCED
		1		IDD1UREF	"X'01'" THE FIRST UNIT, FOR WHAT MAY BE A MULTIUNIT DATA SET, WAS PROCESSED
1731	(6C3)	BITSTRING	1	IDDP0FLG	MISC FLAG INFORMATION
		DEFINITION OF IDDP0FLG			
		1...		IDDP0LMG	"X'80'" A LOC RESP MSG IS SET UP
		.1..		IDDLOCNS	"X'40'" UNIT IS NOT IN SETNAMES
		..1.		IDDMSGVL	"X'20'" INSERT VOLSER IN LOC RESP
		...1		IDDCSNED	"X'10'" CATALOG SETUP IS NEEDED
		.... 1...		IDDMSGNL	"X'08'" WRITE LAST LOC RESP
		.... .1..		IDDMSNAM	"X'04'" MS UNIT NAME
		.... ..1.		IDDSMSMM	"X'02'" CURRENT LRS IS FOR AN - SMS MANAGED MOUNTABLE
		1		IDDPRNSC	"X'01'" P/R NON-SMS CATALOG VOLUME FOUND
		UNIT COUNTS FOR IATUX08 (DETERMINED BY IATIIP1)			
1732	(6C4)	SIGNED	2	IDDUX8MC	USER EXIT MSS COUNT
1734	(6C6)	SIGNED	2	IDDUX8TC	USER EXIT TAPE COUNT
1736	(6C8)	SIGNED	2	IDDUX8DC	USER EXIT DASD COUNT
1738	(6CA)	SIGNED	2	IDDUX8UC	USER EXIT UNIT REC COUNT
1740	(6CC)	SIGNED	2	IDDUX8GC	USER EXIT GRAPHIC COUNT
1742	(6CE)	SIGNED	2	IDDUX8CT	USER EXIT TOTAL COUNT
		The next four fields are input to P1HPSORT 0			
1744	(6D0)	ADDRESS	4	IDDHPADR	Address of array to be 0030 sorted 0030
1748	(6D4)	SIGNED	4	IDDHPCNT	Number of elements in array 0030
1752	(6D8)	SIGNED	2	IDDHPSIZ	Size of one array element 0030
1754	(6DA)	SIGNED	2	IDDHPKYL	Length of array sort key 0030 (the key is assumed to 0030 start at offset 0) 0030 0030
1756	(6DC)	ADDRESS	4	IDDVJSAD	Address of Vol/JST array 0030
1760	(6E0)	SIGNED	4	IDDVJSSZ	Size of VOL/JST array 0030
1764	(6E4)	ADDRESS	4	IDDVJVAD	Address of Vol/JVT array 0030
1768	(6E8)	SIGNED	4	IDDVJVSZ	Size of VOL/JVT array 0030
		WORK AREA FOR IATIIP3 - HIGH WATERMARK SETUP WORK AREA FOR IATIIJT - JSTTEST			
1772	(6EC)	SIGNED	4	IDDUEPTR	ADDRESS OF THE UNIT TABLE

Table 252. Structure IATYIDD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1776	(6F0)	SIGNED	4	IDDFUENT	PTR TO 1ST UTB ENTRY
1780	(6F4)	SIGNED	4	IDDNUENT	PTR TO NXT UTB ENTRY
1784	(6F8)	SIGNED	4	IDDHWAD1	HWS WORK AREA 1 (PTR. TO MAJOR OR MINOR UNIT NAME)
1788	(6FC)	SIGNED	4	IDDHWAD2	HWS WORK AREA 2
1792	(700)	SIGNED	4	IDDSORTT	HWS SORT WORK AREA (PTR. TO HWS MAJOR UNIT NAME)
1796	(704)	SIGNED	4	IDDRSVD2	RESERVED FOR DEVELOPMENT
IDDCSS OVERLAYS IDDJSTTW BECAUSE IDDJSTTW IS NOT USED IN CONJUNCTION WITH IDDCSS. NOTE-- IF THE SIZE OF IDDCSS SURPASSES IDDJSTTW, THE IDDCSS MUST BE MODIFIED TO PREVENT AN ERROR.					
1800	(708)	BITSTRING	104	IDDCSS	CSS PASSED TO IATDMCS
1800	(708)	SIGNED	4	IDDJSTTW(25)	WK AREA FOR JSTTEST/LOC PRT
1800	(708)	X'64'	0	IDDJSTWL	"*-IDDJSTTW" LENGTH FOR IDDJSTTW AREA
2654	(A5E)	CHARACTER	9	IDDMPNM	MAIN NAME FOR LOCATE MSG
2663	(A67)	BITSTRING	1	IDDP3RSV	RESERVED
2664	(A68)	SIGNED	2	IDDSVJST	INDEX OF FIRST JST PER DD
2668	(A6C)	SIGNED	4	IDDSVSIO	CURRENT SIOT ADDRESS (HWS) 0793
2672	(A70)	SIGNED	2	IDDRSVS3	RESERVED FOR SERVICE
2674	(A72)	SIGNED	2	IDDMAXDD	MAX NO DD'S FOR CURRENT STEP
2676	(A74)	BITSTRING	2	IDDRSVS2	RESERVED FOR SERVICE 0793 3#793
2678	(A76)	BITSTRING	1	IDDSCTL	HWSNAME TBL...SCAN CTL BYTE
		1...		IDDSCTWO	"X'80'" SCAN TWO FOR STEP IF PREFER
		.1..		IDDDOSEC	"X'40'" MUST DO 2ND SCAN FOR STEP
		..1.		IDDNODD	"X'20'" NO MATCH FOUND FOR DD DUE TO SCRATCH/SPEC MISMATCH
		...1		IDDNOUTB	"X'10'" NO MATCH FOUND IN UTB DUE TO SCRATCH/SPEC MISMATCH
		.... 1...		IDDUTALT	"X'08'" SCAN UTB ALTERNATE NAMES 0793
		.... .1..		IDDNOAVA	"X'04'" NO UNALLOCATED UTB ENTRIES 0793
		.... ..1.		IDDMULDD	"X'02'" 2ND-NTH JST OF MULT UNIT DD
2679	(A77)	BITSTRING	1	IDDUOFLG	USER OVERRIDE FLAG
DEFINITION OF IDDUOFLG					
		1...		IDDUOSET	"X'80'" JST ENTRY FOUND
MESSAGE WORK AREA FOR IATIIP2					
2680	(A78)	SIGNED	2	IDDP2MSG(0)	
2680	(A78)	BITSTRING	1	IDDP2CNT	
2681	(A79)	CHARACTER	8	IDDP2V1	MSG VARIABLE 1
2689	(A81)	CHARACTER	1	IDDP2DT1	PERIOD DELIMITER
2690	(A82)	CHARACTER	8	IDDP2V2	MSG VARIABLE 2
2698	(A8A)	CHARACTER	1	IDDP2DT2	PERIOD DELIMITER
2699	(A8B)	CHARACTER	8	IDDP2V3	MSG VARIABLE 3
2707	(A93)	BITSTRING	1	IDDPTEND(0)	END OF POST SCAN AREA
2707	(A93)	BITSTRING	1	IDDMXEND(0)	END OF IDD (LARGEST PART)

Table 252. Structure IATYIDD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2707	(A93)	X'A93'	0	IDDMXSIZ	"IDDMXEND-IATYIDD" MAX SIZE OF IDD

Table 253. Cross Reference for IATYIDD

Name	Offset	Hex Tag
ACTDACNT	19	
ACTDNUM	18	
ACTDPRGN	0	
ACTDSTRT	0	
ACTDTIME	14	
DDLAFOLD	92A	10
DDLAL	922	40
DDLANAM	8F0	
DDLBLP	922	10
DDLCAT	923	2
DDLCATC	926	2
DDLCCAT	926	20
DDLCREJB	929	40
DDLDCBDS	925	2
DDLDCBL	91B	0
DDLDCBP	8FC	0
DDLDCBRF	924	10
DDLDDEL	927	1
DDLDDNAM	88C	0
DDLDEFER	927	80
DDLDEFUN	929	10
DDLDEL	923	4
DDLDMND	928	8
DDLDPAR	927	20
DDLDSCR	927	40
DDLDSN	890	0
DDLDSND	918	0
DDLDSNL	91E	0
DDLDSNP	8F4	0
DDLDSNQ	894	0
DDLDSRC	929	80
DDLDSSEQ	916	0
DDLDSSYS	928	80
DDLDUM	925	80
DDLDUPT	929	4
DDLEND	92C	
DDLFLGA	92B	0
DDLFLG1	922	0
DDLFLG2	923	0
DDLFLG3	924	0
DDLFLG4	925	0

Table 253. Cross Reference for IATYIDD (continued)

Name	Offset	Hex Tag
DDLFLG5	926	0
DDLFLG6	927	0
DDLFLG7	928	0
DDLFLG8	929	0
DDLFLG9	92A	0
DDLGDGAL	925	4
DDLGDGFI	929	1
DDLGDGLI	929	2
DDLGDGS	926	1
DDLGDSN	926	10
DDLHIER	929	8
DDLINOUT	927	8
DDLINVU	925	1
DDLISAM	926	40
DDLJOBC	927	10
DDLJOBL	926	8
DDLJSCAT	926	4
DDLJSCRF	924	1
DDLJVTCD	928	2
DDLKEEP	923	8
DDLLIKEL	91C	0
DDLLIKEP	900	0
DDLLTM	922	20
DDLMDNEW	929	20
DDLMEDIA	91D	0
DDLMOD	923	80
DDLMSVGP	928	40
DDLNEW	923	C0
DDLNL	922	1
DDLNOVLS	91F	0
DDLNSL	922	4
DDLNUMUN	91A	0
DDLNUNIT	925	8
DDLOLD	923	40
DDLOUTIN	927	4
DDLPASS	923	10
DDLPCAT	926	80
DDLPRIV	927	2
DDLQNAM	925	10
DDLRFMOD	928	4
DDLRF901	92A	1
DDLRF904	92A	4
DDLRF908	92A	8
DDLRQ522	92A	20
DDLRSVSR	914	0
DDLSL	922	2

Table 253. Cross Reference for IATYIDD (continued)

Name	Offset	Hex Tag
DDLSMS	924	8
DDLSMSHN	92A	2
DDLSMSMM	92A	80
DDLSMSUT	904	40404040
DDLSPMOD	928	1
DDLSSRCH	928	10
DDLSYS	925	40
DDLTERMT	925	20
DDLUAFFI	910	0
DDLUAFFP	8F8	0
DDLUCAT	923	1
DDLUL	922	A
DDLULIST	90C	0
DDLUNAFF	924	80
DDLUNCAT	928	20
DDLUNIQ	8A0	0
DDLUNIT	898	0
DDLURORD	92A	40
DDLVJFCB	8A4	0
DDLVL#1	8A8	0
DDLVL#10	8CC	0
DDLVL#11	8D0	0
DDLVL#12	8D4	0
DDLVL#13	8D8	0
DDLVL#14	8DC	0
DDLVL#15	8E0	0
DDLVL#16	8E4	0
DDLVL#17	8E8	0
DDLVL#2	8AC	0
DDLVL#3	8B0	0
DDLVL#4	8B4	0
DDLVL#5	8B8	0
DDLVL#6	8BC	0
DDLVL#7	8C0	0
DDLVL#8	8C4	0
DDLVL#9	8C8	0
DDLVLRDD	924	40
DDLVLRDS	924	20
DDLVLSEQ	921	0
DDLVOLCT	920	0
DDLVREF	8EC	0
DDLVRFEX	924	4
DDLVRPAS	924	2
DDLXXXX1	923	20
DDL4DGT	89C	40404040
EDTPARM	508	

Table 253. Cross Reference for IATYIDD (continued)

Name	Offset	Hex Tag
EDTPARM_KEYUSED_CHKGRPS	50C	8000
EDTPARM_KEYUSED_CHKUNIT	50C	4000
EDTPARM_KEYUSED_DEVSTAT	50E	100
EDTPARM_KEYUSED_DEVTYPE	50E	4000
EDTPARM_KEYUSED_MAXELIG	50C	80
EDTPARM_KEYUSED_OUTDEV	50E	400
EDTPARM_KEYUSED_OUTUNIT	50E	800
EDTPARM_KEYUSED_OVERRIDE	50C	20
EDTPARM_KEYUSED_RTNATTR	50C	400
EDTPARM_KEYUSED_RTNDEVN	50C	100
EDTPARM_KEYUSED_RTNEDTLT	50C	8
EDTPARM_KEYUSED_RTNGRID	50C	800
EDTPARM_KEYUSED_RTNLUV	50C	40
EDTPARM_KEYUSED_RTNNAMD	50C	200
EDTPARM_KEYUSED_RTNUCBA	50C	1000
EDTPARM_KEYUSED_RTNUNAFF	50C	10
EDTPARM_KEYUSED_RTNUNIT	50C	2000
EDTPARM_KEYUSED_SUBPOOL	50E	2000
EDTPARM_KEYUSED_UNITNAME	50E	8000
EDTPARM_PL_END	55C	560
EDTPARM_XATTRAREA_ADDR	534	
EDTPARM_XDENSITY	513	
EDTPARM_XDEVCLASS	511	
EDTPARM_XDEVCOUNT	52C	
EDTPARM_XDEVLIST	530	
EDTPARM_XDEVNLIST	548	
EDTPARM_XDEVSTAT	558	
EDTPARM_XDEVTYPE	51C	
EDTPARM_XDYNAMIC_YES	50E	1000
EDTPARM_XEDTADDR	54C	
EDTPARM_XELTPRI	520	
EDTPARM_XELTSEC	524	
EDTPARM_XEXTENDED_YES	50E	200
EDTPARM_XFUNCFLGS	50C	
EDTPARM_XGRIDLIST	540	
EDTPARM_XIOCTOKEN_ADDR	550	
EDTPARM_XLOC_ANY	50E	40
EDTPARM_XNAMELIST	544	
EDTPARM_XOPTFLGS	50E	
EDTPARM_XOUTDEV	528	
EDTPARM_XOUTLUV	554	
EDTPARM_XOUTUNIT	520	
EDTPARM_XRANGE_ALL	50E	80
EDTPARM_XRECMODE	512	
EDTPARM_XRSV0001	509	
EDTPARM_XRSV0002	50A	

Table 253. Cross Reference for IATYIDD (continued)

Name	Offset	Hex Tag
EDTPARM_XRSV0003	55C	
EDTPARM_XSUBPOOL	510	
EDTPARM_XUCBALIST	538	
EDTPARM_XUCBLIST	53C	
EDTPARM_XUNITNAME	514	
EDTPARM_XVERSION	508	
EDTPARML	560	58
EPA@0010	620	
FCD@0010	624	
IATYDDL	88C	
IATYIDD	0	
IATYJOB	88C	
IATYLET	568	
IATYSTP	88C	
IDDACHX	D0	
IDDACT#1	90C	40404040
IDDACT#2	9B5	40404040
IDDADREX	1A1	1
IDDADRLM	F8	0
IDDAFOLD	1A5	80
IDDALLNR	3C4	1
IDDALLPR	3C4	2
IDDARMSL	8F8	
IDDATIME	160	0
IDDAUXSZ	85C	0
IDDAVLMM	374	0
IDDBALL	1A2	FF
IDDBCKPT	1A2	1
IDDBCOMP	1A2	80
IDDBGJSM	3C0	1E
IDDBIJS	1A2	4
IDDBJBNO	14	0
IDDBJST	1A2	20
IDDBJVT	1A2	10
IDDBLOC	1A2	40
IDDBPCAT	1A2	8
IDDBSIOT	36C	0
IDDBSWB	1A2	2
IDDBTRC1	1A2	0
IDDBTRC2	1A3	0
IDDBT201	1A3	1
IDDBT202	1A3	2
IDDBT204	1A3	4
IDDBT208	1A3	8
IDDBT210	1A3	10
IDDBT220	1A3	20

Table 253. Cross Reference for IATYIDD (continued)

Name	Offset	Hex Tag
IDDBT240	1A3	40
IDDBT280	1A3	80
IDDBUFCT	346	0
IDDBXWRK	1BC	0
IDDCASMS	1A6	40
IDDCATAE	1A1	10
IDDCCHNA	818	0
IDDCCJBL	78E	2
IDDCCON	6D3	0
IDDCCSCT	800	0
IDDCDREC	78E	8
IDDCDSN	814	0
IDDCDSNQ	810	0
IDDCFDSL	184	8
IDDCFLG1	78E	0
IDDCFLSH	1A0	20
IDDCHKST	1A0	
IDDCIJDD	264	
IDDCIJS	258	0
IDDCIJSN	25C	0
IDDCIJSS	382	0
IDDCIPND	648	64C
IDDCIPRE	560	
IDDCIRES	1A4	20
IDDCISTR	64C	
IDDCISYM	1A6	8
IDDCJBCT	78E	1
IDDCJBLB	78E	4
IDDCJCT	648	0
IDDCJEND	78E	40
IDDCJFCB	808	0
IDDCJMR	804	0
IDDCJREC	78E	20
IDDCJST	204	0
IDDCJSTN	208	0
IDDCJVT	2AC	0
IDDCJVTN	2B0	0
IDDCJXTM	82C	0
IDDCKEND	430	
IDDCLCAN	184	4
IDDCLOCC	1A6	80
IDDCLOC1	67C	0
IDDCLOC2	680	0
IDDCLRS	5E0	
IDDCLRSC	184	2
IDDCMENT	64C	0

Table 253. Cross Reference for IATYIDD (continued)

Name	Offset	Hex Tag
IDDCMFDB	650	0
IDDCMPRM	878	
IDDCMRES	820	0
IDDCMRET	8EC	44
IDDCMRSD	848	0
IDDCMRSS	838	0
IDDCMRSU	854	0
IDDCMRSV	3C0	0
IDDCMRTN	87C	
IDDCMSRC	870	0
IDDCMSRE	874	0
IDDCMVS	18E	8
IDDCMWSZ	858	0
IDDCNDSN	824	0
IDDCNOFF	185	1
IDDCNTWK	650	0
IDDCOME	888	889
IDDCONMM	378	0
IDDCONNM	6CB	
IDDCONNO	6D6	0
IDDCONV	8DC	
IDDCOPDV	3C6	4
IDDCORSI	830	0
IDDCOUNT	66C	
IDDCPCAT	18E	20
IDDCPGME	828	0
IDDCPUID	124	0
IDDCPYER	78C	10
IDDCPYWS	8ED	40
IDDCRCHK	1A4	80
IDDCRSVD	888	0
IDDCRT01	18E	1
IDDCRT02	18E	2
IDDCRT40	18E	40
IDDCSBT	185	10
IDDCSCT	7FC	0
IDDCSINO	860	0
IDDCSIOT	80C	0
IDDCSNED	6C3	10
IDDCSPLT	81C	0
IDDCSREC	78E	10
IDDCSS	708	
IDDCSTNO	862	0
IDDCSTPN	3BF	0
IDDCTINC	185	2
IDDCTRCE	18E	0

Table 253. Cross Reference for IATYIDD (continued)

Name	Offset	Hex Tag
IDDCURD	6D8	0
IDDCURWA	674	0
IDDCUTB	18E	4
IDDCWKAR	1A8	
IDDCWRIT	78E	80
IDDCXEND	18F	40
IDDCXERR	1A0	2
IDDCXFLG	18F	0
IDDCXF01	18F	1
IDDCXF02	18F	2
IDDCXSER	18F	20
IDDCXSGN	18F	80
IDDCXSOK	18F	10
IDDCXUFL	1A0	1
IDDDBGCL	15E	40
IDDDDNAM	6C3	0
IDDDDSK	18B	4
IDDDEST	976	40404040
IDDDESTE	8ED	4
IDDDESTL	8ED	2
IDDDEVID	386	0
IDDDFUNT	191	40404040
IDDDIJS1	18C	10
IDDDIJS2	18C	1
IDDDISK	3C4	40
IDDDJCBL	18A	40
IDDDJCID	20	40404040
IDDDJCLI	18A	80
IDDDJDAB	18A	8
IDDDJDPB	18A	4
IDDDJESJ	18B	40
IDDDJESM	18B	80
IDDDJMR	18B	20
IDDDJPFP	18A	2
IDDDJST1	18C	80
IDDDJST2	18C	8
IDDDJSW	18B	10
IDDDJVT1	18C	40
IDDDJVT2	18C	4
IDDDLOC1	1E0	0
IDDDLOC2	1EC	0
IDDDLVS1	18C	20
IDDDLVS2	18C	2
IDDDLYTH	3C0	32
IDDDLYT2	3C0	2D
IDDDMDAL	1A5	4

Table 253. Cross Reference for IATYIDD (continued)

Name	Offset	Hex Tag
IDDDMDTP	6D4	0
IDDDOSEC	A76	40
IDDDOSWB	18A	1
IDDDSKBF	3E0	0
IDDDSN	A0	40404040
IDDDSTXU	970	0
IDDDSYSI	18B	8
IDDDSYSM	18A	10
IDDDTRC1	18A	0
IDDDTRC2	18B	0
IDDDTRC3	18C	0
IDDDT201	18B	1
IDDDT202	18B	2
IDDDVWRK	388	0
IDDDXPRT	18A	20
IDDECFLS	E4	
IDDECFM1	E4	EB
IDDECFM2	E4	F3
IDDECFTM	E4	F4
IDDECF1	E4	E4
IDDECF2	E4	EC
IDDEDTLF	0	508
IDDEMAND	3C4	4
IDDEPA	62C	0
IDDEPAP	628	
IDDERCUW	78C	1
IDDERIC1	78C	80
IDDERIC2	78C	40
IDDERIC3	78C	20
IDDETRC1	1A0	0
IDDETRC2	1A1	0
IDDEXID	3B6	24040
IDDFALL	3C1	2
IDDFCT	12C	0
IDDFDUSE	185	4
IDDFIJS	24C	0
IDDFIJSS	380	0
IDDFJST	1F8	0
IDDFJVT	2A0	0
IDDFMTCH	390	0
IDDFNONE	3C1	8
IDDFPUSE	185	8
IDDFRSVL	3C3	10
IDDFSCIR	185	20
IDDFSET	3C1	4
IDDFSSCI	184	40

Table 253. Cross Reference for IATYIDD (continued)

Name	Offset	Hex Tag
IDDFSSMN	350	0
IDDFTRC1	185	0
IDDFTRC2	186	0
IDDFUENT	6F0	
IDDFUSER	3C1	1
IDDGDCNT	66E	
IDDGDCRE	6C2	20
IDDGDGBS	78F	4
IDDGDGNB	6E4	40404040
IDDGDGQU	6E0	40404040
IDDGDGRF	5D0	0
IDDGDGTB	6DC	0
IDDGDLRS	668	
IDDGDONE	6C2	8
IDDGDRET	660	
IDDGDSEL	1A5	40
IDDGDWRK	664	
IDDGD1ST	6C2	10
IDDGHWAL	1A4	1
IDDGNOXP	1A4	10
IDDGRAPH	3C4	10
IDDGSMF	1A4	4
IDDGSTCT	1A4	2
IDDGTRC1	1A4	0
IDDGTRC2	1A5	0
IDDGTRC3	1A6	0
IDDGTRC4	1A7	0
IDDGTSOL	1A4	8
IDDGTTMM	1A6	10
IDDGT301	1A6	1
IDDGT401	1A7	1
IDDGT402	1A7	2
IDDGT404	1A7	4
IDDGT408	1A7	8
IDDGT410	1A7	10
IDDGT420	1A7	20
IDDGT440	1A7	40
IDDGT480	1A7	80
IDDHEADP	778	
IDDHPADR	6D0	
IDDHPCNT	6D4	0
IDDHPKYL	6DA	0
IDDHPSIZ	6D8	0
IDDHWAD1	6F8	
IDDHWAD2	6FC	
IDDHWALL	3C2	80

Table 253. Cross Reference for IATYIDD (continued)

Name	Offset	Hex Tag
IDDHWALT	3C2	8
IDDHWDSK	3C2	20
IDDHWFLG	3C2	0
IDDHWMSS	3C2	10
IDDHWPRF	3C2	4
IDDHWREQ	3C2	2
IDDHWRL	3C2	E0
IDDHWTAP	3C2	40
IDDIACT	185	40
IDDICAAD	1A8	0
IDDICEND	90C	
IDDICIRT	768	0
IDDICNT	65C	0
IDDICR01	8FA	
IDDICT	54	0
IDDID	0	C9C4C440
IDDIFLSH	1A0	40
IDDIICMW	868	0
IDDIIOSW	7E8	0
IDDIIPRE	187	10
IDDIISP	8C0	
IDDIITA	708	
IDDIITAE	758	
IDDIJA	560	
IDDIJAE	5B0	
IDDIJB	560	
IDDIJBE	5B0	
IDDIJCRS	266	
IDDIJDSP	660	0
IDDIJREF	6C2	2
IDDIJSC	266	24C
IDDIJSD	260	0
IDDIJSID	262	40
IDDIJSRD	263	
IDDIJSV1	39C	0
IDDIJSV2	39E	0
IDDIJS1S	268	0
IDDIJS2S	284	0
IDDIJWRK	5AC	0
IDDIJ1ST	6C2	4
IDDIMACE	78C	8
IDDIMMID	394	0
IDDIMSG1	78C	0
IDDIMSG2	767	0
IDDIM1A	664	
IDDIM1AE	6B4	

Table 253. Cross Reference for IATYIDD (continued)

Name	Offset	Hex Tag
IDDIM2A	6B8	
IDDIM2AE	708	
IDDIM201	767	1
IDDIM202	767	2
IDDIM204	767	4
IDDIM208	767	8
IDDIM210	767	10
IDDIM220	767	20
IDDIM240	767	40
IDDINTP	8E0	
IDDINTPH	0	560
IDDIPADR	8F4	40404040
IDDIPTXU	8EE	0
IDDIQMPA	5FC	0
IDDISYMA	758	
IDDISYMT	78C	4
IDDISYMU	75F	40404040
IDDISYM1	758	E2E8E2E4
IDDIXJSM	78C	2
IDDJBFT	8C8	0
IDDJBID	C	40404040
IDDJBLT	8CE	0
IDDJBMSS	3C2	1
IDDJCAMN	5F8	0
IDDJCFT	76C	0
IDDJCLAS	15C	40
IDDJCLT	1A0	10
IDDJCT	1D8	0
IDDJDBUF	370	0
IDDJDSIN	78D	0
IDDJDSPT	8F4	
IDDJDVT	33C	40404040
IDDJEFT	772	0
IDDJELBC	8FC	0
IDDJELCT	6B4	0
IDDJELT	778	0
IDDJFCBP	1DC	0
IDDJFCLM	3BE	0
IDDJFCNX	3BD	0
IDDJFDSP	38E	0
IDDJFLSH	1A0	80
IDDJLOCR	1A4	40
IDDJMR	1D0	0
IDDJMSGC	15F	40
IDDJMTCH	3C3	80
IDDJOBCT	100	0

Table 253. Cross Reference for IATYIDD (continued)

Name	Offset	Hex Tag
IDDJOBEX	1A1	2
IDDJOBFS	3D3	0
IDDJOBLM	FC	0
IDDJOBLS	3D9	0
IDDJOBNM	4	
IDDJPRTY	15D	40
IDDJSAM	1A6	2
IDDJSAV	5B4	0
IDDJSMCL	1A1	20
IDDJSMRC	908	
IDDJSSV1	398	0
IDDJSSV2	39A	0
IDDJSTC	210	1F8
IDDJSTD	20C	0
IDDJSTID	20E	40
IDDJSTRD	20F	
IDDJSTRS	210	
IDDJSTT	1A0	8
IDDJSTTW	708	
IDDJSTWL	708	64
IDDJST1S	214	0
IDDJST2S	230	0
IDDJS3CI	184	80
IDDJVDUM	3C3	2
IDDJVSV1	3A0	0
IDDJVSV2	3A2	0
IDDJVTC	2BA	2A0
IDDJVTD	2B4	0
IDDJVTID	2B6	40
IDDJVTRD	2B7	
IDDJVTSV	2BA	
IDDJVTTC	2B8	
IDDJVT1S	2BC	0
IDDJVT2S	2D8	0
IDDLAREL	3A8	0
IDDLCJOB	6DA	0
IDDLCKPT	3C5	1
IDDLCREL	3B4	0
IDDLCRES	5FC	
IDDLCRSD	680	
IDDLCRSL	5FC	64
IDDLCRSU	690	
IDDLECF1	E4	E4
IDDLECF2	E4	EC
IDDLEREL	3B0	0
IDDLFLG1	3C5	0

Table 253. Cross Reference for IATYIDD (continued)

Name	Offset	Hex Tag
IDDLGDMW	696	0
IDDLIJS	35C	0
IDDLJCAT	3C5	80
IDDLJCTC	3C6	2
IDDLJEFF	3C5	4
IDDLJON	3C5	20
IDDLJREL	3AA	0
IDDLJST	360	0
IDDLJVT	364	0
IDDLLREL	3B2	0
IDDLMSK1	E4	EB
IDDLMSK2	E4	F3
IDDLMTCH	392	0
IDDLOCF1	6C2	0
IDDLOCMP	1A5	8
IDDLOCNS	6C3	40
IDDLOCRW	6C2	40
IDDLOCW	6C2	80
IDDLOCWK	560	
IDDLOCWT	E4	E4
IDDLOEND	E4	F4
IDDLRES1	3AC	0
IDDLRES2	3AE	0
IDDLRL10	1A6	4
IDDLRSTR	3C5	2
IDDLRSVU	17C	
IDDLRVCT	5D2	0
IDDLSCAT	3C5	40
IDDLSEFF	3C5	8
IDDLSON	3C5	10
IDDLSTRT	4	
IDDMAXDD	A72	
IDDMCONV	189	10
IDDMCPID	5D4	0
IDDMDDNM	6C2	8
IDDMIICA	188	80
IDDMIICC	187	40
IDDMIICX	189	80
IDDMIIJT	187	20
IDDMIIOS	188	8
IDDMIIPN	187	80
IDDMIIP0	188	20
IDDMIIP1	187	2
IDDMIIP2	187	1
IDDMIIP3	188	40
IDDMINAT	188	10

Table 253. Cross Reference for IATYIDD (continued)

Name	Offset	Hex Tag
IDDMINLV	900	
IDDMINTP	189	8
IDDMODE	184	0
IDDMOUNT	3C3	8
IDDMPNM	A5E	
IDDMPSNM	6B0	8
IDDMQMST	189	20
IDDMRESS	7F4	0
IDDMSAV	104	0
IDDMSAV0	104	104
IDDMSAV1	104	108
IDDMSAV2	104	10C
IDDMSDEV	3C6	8
IDDMSGLF	430	
IDDMSGLS	5D8	
IDDMSGNL	6C3	8
IDDMSGRS	505	
IDDMSGVL	6C3	20
IDDMSGWK	480	
IDDMSNAM	6C3	4
IDDMSTNM	6B9	8
IDDMTRC1	187	0
IDDMTRC2	188	0
IDDMTRC3	189	0
IDDMT104	187	4
IDDMT108	187	8
IDDMT201	188	1
IDDMT202	188	2
IDDMT204	188	4
IDDMT301	189	1
IDDMULDD	A76	2
IDDMXEND	A93	
IDDMXSIZ	A93	A93
IDDNCCAT	3C6	40
IDDNIJSN	25E	0
IDDNJSTN	20A	0
IDDNJVTN	2B2	0
IDDNMVAR	104	10C
IDDNOAVA	A76	4
IDDNODD	A76	20
IDDNODE	38	40404040
IDDNOJVT	3BB	0
IDDNOMPL	1A5	20
IDDNOSET	3C4	8
IDDNOSMS	1A5	2
IDDNOUNT	1A1	4

Table 253. Cross Reference for IATYIDD (continued)

Name	Offset	Hex Tag
IDDNOUTB	A76	10
IDDNRSVH	782	0
IDDNSCAT	5B0	
IDDNSCTP	774	0
IDDNSNUM	780	0
IDDNUENT	6F4	
IDDOADMG	97E	10
IDDOFLG1	8ED	0
IDDOFLG2	97E	0
IDDOJSDS	97E	20
IDDOMRGE	97E	40
IDDOPCAN	1A1	80
IDDOPFL	1A1	40
IDDOPTIN	104	10F
IDDOSCON	8ED	10
IDDOSEND	97F	
IDDOSEOD	8ED	20
IDDOSFND	8EC	4
IDDOSGET	8EC	10
IDDOSIZE	97F	F3
IDDOSMRG	8EC	18
IDDOSNWF	8ED	8
IDDOSRET	8EC	8
IDDOSRTN	8BC	
IDDOSSAV	88C	0
IDDOSSCN	8EC	14
IDDOSUPD	8EC	C
IDDOSWB1	97E	80
IDDOSWRK	88C	
IDDOSWSZ	85A	0
IDDOS101	8ED	1
IDDOS201	97E	1
IDDOS202	97E	2
IDDOS204	97E	4
IDDOS208	97E	8
IDDOTFDB	8B0	
IDDOTJDS	8B4	
IDDOTPRM	8B8	
IDDOUTPR	78F	10
IDDPACID	158	0
IDDPBEG	18D	10
IDDPCAT	670	0
IDDPCATE	76C	0
IDDPCATN	37C	0
IDDPENDF	18D	8
IDDPFLG1	78F	0

Table 253. Cross Reference for IATYIDD (continued)

Name	Offset	Hex Tag
IDDPF101	78F	1
IDDPF102	78F	2
IDDPGDGD	684	40404040
IDDPHT01	18D	1
IDDPHT02	18D	2
IDDPINT	18D	80
IDDPJEST	18D	4
IDDPMTCH	3C6	80
IDDPPOST	18D	20
IDDPPRE	18D	40
IDDPRCAD	658	0
IDDPRCID	15A	0
IDDPRCMT	78F	80
IDDPRCNM	6B1	0
IDDPRDSK	178	
IDDPREND	A5E	
IDDPREPE	78F	790
IDDPREST	64C	
IDDPRNAM	18F	8
IDDPRNSC	6C3	1
IDDPRPMT	78F	40
IDDPRSUP	78F	20
IDDPRSVD	770	0
IDDPRSVU	784	0
IDDPRVMT	3C3	4
IDDPRWRK	6E8	0
IDDPSTCN	184	20
IDDPSTST	560	
IDDPTEND	A93	
IDDPTRCE	18D	0
IDDPWK	790	0
IDDPWORK	1C4	0
IDDPWRSS	354	0
IDDPWRSU	358	0
IDDP0CIN	6BC	
IDDP0CLV	6BE	
IDDP0CST	6C1	
IDDP0EX1	6AC	
IDDP0EX2	6B2	
IDDP0EX3	6A6	
IDDP0FLG	6C3	0
IDDP0LMG	6C3	80
IDDP0MIN	6BA	
IDDP0RSD	5E8	
IDDP0RSV	6C0	
IDDP0RT1	5F0	

Table 253. Cross Reference for IATYIDD (continued)

Name	Offset	Hex Tag
IDDP0RT2	5F4	
IDDP0SRT	5EC	
IDDP0VPT	6B8	
IDDP0XRG	5DC	
IDDP1CTR	5F4	5F4
IDDP1ECF	5F4	5F7
IDDP2CNT	A78	
IDDP2DT1	A81	
IDDP2DT2	A8A	
IDDP2MSG	A78	
IDDP2V1	A79	
IDDP2V2	A82	
IDDP2V3	A8B	
IDDP3RSV	A67	
IDDQHOLD	185	80
IDDQMST	8E4	
IDDRAB	174	
IDDRB241	18E	10
IDDRCOMM	88C	
IDDRESCH	1A0	4
IDDRESHP	184	10
IDDRGRP	30	40404040
IDDRLVOL	38A	0
IDDRPL	8C4	
IDDRSAV	130	0
IDDRSDEV	408	0
IDDRSHWD	3DF	0
IDDRSRVD	8E8	40404040
IDDRSSRV	3EC	0
IDDRSTKN	348	0
IDDRSUSR	410	0
IDDRSVAD	880	
IDDRSVD	4C	0
IDDRSVD1	85E	0
IDDRSVD2	704	
IDDRSVFW	86C	0
IDDRSVSF	6D5	0
IDDRSVS2	A74	
IDDRSVS3	A70	
IDDRSV10	190	0
IDDRUSER	28	40404040
IDDSCHFS	3C7	0
IDDSCHLS	3CD	0
IDDSCRCR	3C3	20
IDDSCTL	A76	
IDDSCTWO	A76	80

Table 253. Cross Reference for IATYIDD (continued)

Name	Offset	Hex Tag
IDDSFFLG	3C1	0
IDDSIHWS	3C1	40
IDDSIJSN	384	0
IDDSIOTN	37E	0
IDDSIPAD	78F	8
IDDSJFAC	78D	80
IDDSJFFA	78D	20
IDDSJFGA	78D	8
IDDSJFIN	8D4	
IDDSJFRC	8A8	0
IDDSJFRE	78D	40
IDDSJFTA	78D	4
IDDSJFUA	78D	10
IDDSJFUN	78D	2
IDDSJGEP	7F0	0
IDDSJGET	8E0	
IDDSJMRG	8E4	
IDDSJOB	3C1	20
IDDSJRES	8AC	0
IDDSJRET	8D8	
IDDSJRTV	884	
IDDSJSCN	8E8	
IDDSJTRC	78D	0
IDDSJUPD	8DC	
IDDSKDSK	189	2
IDDSMFU	128	0
IDDSMSDV	3C6	20
IDDSMSMM	6C3	2
IDDSMSRS	1A5	1
IDDSMTCH	3C3	40
IDDSNDSV	6E8	6E8
IDDSNODE	40	40404040
IDDSNONE	3C1	80
IDDSORTT	700	
IDDSPGET	8EC	24
IDDSPRSV	78A	
IDDSSIPM	670	
IDDSSOB	674	
IDDSSSA	678	
IDDSSSAK	67C	
IDDSTMT	344	0
IDDSTPLV	8ED	80
IDDSTPNM	6BA	0
IDDSTPTR	48	
IDDSUSER	3C1	10
IDDSVJST	A68	

Table 253. Cross Reference for IATYIDD (continued)

Name	Offset	Hex Tag
IDDSVSIO	A6C	
IDDSWA	1A5	10
IDDSWAIU	18E	80
IDDSWAP	620	
IDDSWAPR	189	4
IDDSWB	7EC	0
IDDSWBFL	78D	1
IDDSWBUF	7E4	0
IDDSWIOT	864	0
IDDSYFT	77E	0
IDDSYLT	784	0
IDDSYMBC	904	0
IDDSYMBL	18F	4
IDDSYMEQ	767	80
IDDTAPE	3C4	80
IDDTRAVP	77C	
IDDTRMPL	834	0
IDDTRSV1	2F4	0
IDDTRSV2	368	0
IDDTRSV3	396	0
IDDTRSV4	3A4	0
IDDTRSV5	3BC	0
IDDTSOID	18	40404040
IDDTVT	50	0
IDDTYPSC	1A6	20
IDDUAFF	3C3	1
IDDUAIJS	5E4	
IDDUCWRK	3BA	0
IDDUEPTR	6EC	
IDDUOFLG	A77	
IDDUOSET	A77	80
IDDUREC	3C4	20
IDDUSAVE	58	0
IDDUTALT	A76	8
IDDUWORK	32C	0
IDDUX8CT	6CE	
IDDUX8DC	6C8	
IDDUX8GC	6CC	
IDDUX8MC	6C4	
IDDUX8TC	6C6	
IDDUX8UC	6CA	
IDDVAT	1D4	0
IDDVCWRK	3B9	0
IDDVJSAD	6DC	
IDDVJSSZ	6E0	0
IDDVJVAD	6E4	

Table 253. Cross Reference for IATYIDD (continued)

Name	Offset	Hex Tag
IDDVJVSZ	6E8	0
IDDVRFPR	38C	0
IDDVUAF1	3C3	0
IDDVUAF2	3C4	0
IDDVUAF3	3C6	0
IDDVU301	3C6	1
IDDVU310	3C6	10
IDDWCHX	E0	
IDDWORKA	678	0
IDDWRSVD	1C0	0
IDDWSAV1	1AC	0
IDDWSAV2	1B0	0
IDDWSAV3	1B4	0
IDDWSAV4	1B8	0
IDDWSAV5	110	0
IDDWSAV6	114	0
IDDWSAV7	118	0
IDDWSAV8	11C	0
IDDWSAV9	120	0
IDD1UREF	6C2	1
IDD209ER	8EC	0
IDD80A	1A1	8
JBLACT#1	890	0
JBLACT#2	894	0
JBLADDRL	8A2	80
JBLCHKRS	8A1	40
JBLCLASS	89F	40
JBLEND	8B0	
JBLFLAG1	8A2	0
JBLFSTEP	8A0	0
JBLJRNL	8A1	8
JBLMSGCL	89D	40
JBLPRTY	89E	40
JBLRSTRT	8A1	0
JBLRSVD	8A4	0
JBLRSVD1	89C	
JBLRSVS	8A8	0
JBLRSVU	8AC	0
JBLSMFU	898	0
JBLSTPRS	8A1	80
JBLTSOID	88C	0
LETASTTM	598	0
LETCANCL	5BE	40
LETCHAIN	56C	0
LETCMPLT	5BE	80
LETEND	5D0	

Table 253. Cross Reference for IATYIDD (continued)

Name	Offset	Hex Tag
LETFLAG1	5BE	0
LETFLAG2	5BF	0
LETGMAIN	5BE	8
LETID	568	D3C5E340
LETJOBFS	5B8	0
LETJOBNO	570	0
LETLCT	584	
LETLOCFL	5BE	20
LETLRS	578	
LETLVSFD	5A0	0
LETMAINS	574	0
LETMPC	580	
LETNOMAT	5BE	1
LETNOMN	5BE	10
LETRAB	57C	
LETRESID	5BE	2
LETRF201	5BF	1
LETRF202	5BF	2
LETRF204	5BF	4
LETRF208	5BF	8
LETRF210	5BF	10
LETRF220	5BF	20
LETRF240	5BF	40
LETRF280	5BF	80
LETRSTTM	590	0
LETRSVD	5C0	0
LETRSVDD	588	0
LETRSVS	5C4	0
LETRSVU	5C8	0
LETSCHFS	5AC	0
LETSCHLS	5B2	0
LETSERV	5BE	4
LETSIZE	5D0	68
LETSTART	568	
STLACT#1	8A4	0
STLACT#2	8A8	0
STLADDRL	8B4	80
STLCONEV	8B4	20
STLCONON	8B4	10
STLEND	8BA	
STLFLAGD	8B6	0
STLFLAGS	8B5	0
STLFLAGU	8B7	0
STLFLAG1	8B4	0
STLFLGS1	8B2	0
STLID	8AC	0

Table 253. Cross Reference for IATYIDD (continued)

Name	Offset	Hex Tag
STLJRNL	8B4	8
STLPCATN	8B0	0
STLPCEQJ	8B4	40
STLPERFG	8B8	0
STLPGMNM	89C	0
STLPSTNM	890	0
STLREGN	894	0
STLREGNX	898	0
STLSDPCD	8A0	0
STLSTPNM	88C	0
STLSTPNO	8B3	0

IATYIDVS information

IATYIDVS heading information

Common name: Initialization Data Virtual Storage Services work area

Macro ID: IATYIDVS

DSECT name: IDVSTART, DNTSTART, SITSTART XIBSTART, XIESTART, PRMSVITX

Owning component: JES3 (SC1BA)

Eye-catcher ID: IDVS
Offset: 0
Length: 4

Storage attributes: Main Storage: Any
Subpool: 0
Key: 0

Size: IDVSSIZE bytes

Created by: IATINDVS

Pointed to by: IDVSTART: INTIDVS in IATYINT
DNTSTART: Vector calculated from IDVHEXDN in IDVSTART
SITSTART: IDVSITAD in IDVSTARY
XIBSTART: IDVXIBFR and IDVXIBLS in IDVSTART
XIESTART: XIBAVPTR in XIBSTART
PRMSVITX: R1 from the caller of the SAVE_ITEXT service

Serialization: None

Function: This macro maps the data that is used by JES3 to perform services to manipulate initialization data provided by the IATXIDVS macro.

IATYIDVS mapping

Table 254. Structure IDVSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IDVSTART	
0	(0)	CHARACTER	4	IDVSID	Control Block Id
Data space attributes.					
4	(4)	ADDRESS	4	IDVSALET	Data space ALET
8	(8)	BITSTRING	8	IDVSDTOK	Data space STOKEN

Table 254. Structure IDVSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
16	(10)	SIGNED	4	IDVSORIG	Data space origin address
		Pointers within the data space. Each itext type in the data space is represented by a singly threaded chain of DVDEs. Each DVDE contains one record of itext. The itext types are: - SETUNIT - SUPUNIT - SOCKET - NETSERV - NJERMT			
20	(14)	ADDRESS	4	IDVSFSET	First SETUNIT DVDE
24	(18)	ADDRESS	4	IDVSFSUP	First SUPUNIT DVDE
28	(1C)	ADDRESS	4	IDVSLSET	Last SETUNIT DVDE saved
32	(20)	ADDRESS	4	IDVSLSUP	Last SUPUNIT DVDE saved
36	(24)	ADDRESS	4	IDVSFSOC	First SOCKET DVDE
40	(28)	ADDRESS	4	IDVSLSOC	Last SOCKET DVDE
44	(2C)	ADDRESS	4	IDVSFNSV	First NETSERV DVDE
48	(30)	ADDRESS	4	IDVSLNSV	Last NETSERV DVDE
52	(34)	ADDRESS	4	IDVSFNJE	First NJERMT DVDE
56	(38)	ADDRESS	4	IDVSLNJE	Last NJERMT DVDE
60	(3C)	ADDRESS	4	IDVSFREE	Next free storage slot
		SYSUNITS Index Table Related Information.			
64	(40)	ADDRESS	4	IDVSITAD	Address of SYSUNITs index table
68	(44)	ADDRESS	4	IDVSITEN	End of the SYSUNITs index table
72	(48)	SIGNED	4	IDVSITCT	Number of SYSUNITs index table slots
76	(4C)	ADDRESS	4	IDVSITNX	Address of next SYSUNITs index table slot to be used in assigning a SYSUNITs index
		Execution Device Initialization Element Block Information.			
80	(50)	ADDRESS	4	IDVXIBFR	Address of first XIB
84	(54)	ADDRESS	4	IDVXIBLS	Address of last XIB
		Work Areas and Save Areas.			
88	(58)	SIGNED	4	IDVWORK	Conversion work area
88	(58)	X'58'	0	IDVHEXDN	"IDVWORK,2" Device number in hex
		The following table is used to locate the entry for a particular device number. The first eight bits of the hexadecimal device number are used to index into the table. Each entry in the table points to a another table that contains entries for 256 devices. Pointers will exist only if there are devices in the specified range. For example: Vector 1 represents devices 0000 through 00FF Vector 2 represents devices 0100 through 01FF Vector 3 represents devices 0200 through 02FF Vector 256 represents devices FF00 through FFFF			
92	(5C)	ADDRESS	4	IDVDNTAD(0)	Device number table vectors
92	(5C)	X'100'	0	IDVDNTCT	"256" Number of devices that are represented by each vector

Table 254. Structure IDVSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		End of IDVS.			
92	(5C)	X'45C'	0	IDVSEND	"*" End of IDVS
92	(5C)	X'45C'	0	IDVSSIZE	"IDVSEND-IDVSTART" Size of IDVS
		Functions and Options in Register Zero. Option byte 1 - Byte 1 of register zero is reserved for the specific function.			
92	(5C)	X'10'	0	IDOPTR01	"SAVPARM0+0,1" Option byte location
		Option byte 2 - Byte 2 of register zero - unused.			
92	(5C)	X'11'	0	IDOPTR02	"SAVPARM0+1,1" Option byte location
		Option byte 3 - Byte 3 of register zero - unused.			
92	(5C)	X'12'	0	IDOPTR03	"SAVPARM0+2,1" Option byte location
		IATXIDVS function codes			
92	(5C)	X'1'	0	IDFINTLZ	"1" FUNC=INITIALIZE
92	(5C)	X'2'	0	IDFRODEV	"2" FUNC=READ_OLD_DEVICES
92	(5C)	X'3'	0	IDFSVITX	"3" FUNC=SAVE_ITEXT
92	(5C)	X'4'	0	IDFASIGN	"4" FUNC=ASSIGN_SYSUNITS
92	(5C)	X'5'	0	IDFWRITX	"5" FUNC=WRITE_ITEXT
92	(5C)	X'6'	0	IDFCHKDL	"6" FUNC=CHECK_DELETE
92	(5C)	X'7'	0	IDFCLNUP	"7" FUNC=CLEANUP
92	(5C)	X'5'	0	IDFMAX	"IDFWRITX" Maximum function value

Table 255. Structure DNTSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	DNTSTART	, Device Number Table Entry
0	(0)	ADDRESS	4	DNTXIEAD	Address of the first XIE for this device number
4	(4)	SIGNED	4	DNTEND(0)	End of table
4	(4)	X'4'	0	DNTSIZE	"DNTEND-DNTSTART" Size of table

Table 256. Structure SITSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SITSTART	, SYSUNITs Index Table Entry
0	(0)	ADDRESS	4	SITXIEFR	Address of the first XIE on the XIE chain associated with this index. This field will be non-zero if the device was defined as an execution or shared device
4	(4)	ADDRESS	4	SITXIELS	Address of the last XIE on the XIE chain
8	(8)	ADDRESS	4	SITDVDE	DVDE if device was assigned to a SUPUNIT or SETUNIT (for debugging purposes)
12	(C)	SIGNED	2	SITINDEX	SYSUNITs index value
14	(E)	BITSTRING	1	SITFLAG1	Flag one

Table 256. Structure SITSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		Definition of SITFLAG1.			
		1...		SITJDSHR	"X'80'" The SYSUNITs index for this entry has been assigned to a JES3 DSP or shared device
15	(F)	BITSTRING	5	SITRSVDD	Reserved for development
20	(14)	SIGNED	4	SITEND(0)	End of table entry
20	(14)	X'14'	0	SITSIZE	"SITEND-SITSTART" Size of table entry

Table 257. Structure XIBSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	XIBSTART	, Execution Device Initialization Element Block
0	(0)	CHARACTER	4	XIBID	Control block id
4	(4)	ADDRESS	4	XIBNEXT	Address of next block
8	(8)	ADDRESS	4	XIBAVPTR	Address of first available element in this block
12	(C)	SIGNED	2	XIBAVCNT	Number of available elements in this block
14	(E)	SIGNED	2	XIBTSIZE	Total size of this block
16	(10)	DBL WORD	8	XIBEND(0)	End of block header
16	(10)	X'10'	0	XIBSIZE	"XIBEND-XIBSTART" Size of block header
16	(10)	X'1F4'	0	XIBCOUNT	"500" Number of Execution Device Initialization Elements in a block

Table 258. Structure XIESTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	XIESTART	, Execution Device Init. Element
0	(0)	CHARACTER	4	XIEID	Control block id
4	(4)	CHARACTER	4	XIEDEVNO	Device number
8	(8)	CHARACTER	8	XIESYSNM	System name
16	(10)	SIGNED	2	XIESYSIX	SYSUNITs index value
18	(12)	BITSTRING	1	XIEFLAG1	Flag one
		Definition of XIEFLAG1.			
		1...		XIEFOUND	"X'80'" The device number and system name associated with this XIE were found on a DEVICE statement
		.1..		XIEASNIX	"X'40'" The device number and system name associated with this XIE has been assigned a SYSUNITs index
		..1.		XIEF1R20	"X'20'" Reserved for development
		...1		XIEF1R10	"X'10'" Reserved for development
		.... 1...		XIEF1R08	"X'08'" Reserved for development
		.... .1..		XIEF1R04	"X'04'" Reserved for development
		.... ..1.		XIEF1R02	"X'02'" Reserved for development
		1		XIEF1R01	"X'01'" Reserved for development
19	(13)	BITSTRING	1	XIERSVD1	Reserved for development

Table 258. Structure XIESTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
20	(14)	ADDRESS	4	XIEDVNNX	Address of next element on the device number table queue
24	(18)	ADDRESS	4	XIESITNX	Address of next element on the SYSUNITs index queue
28	(1C)	SIGNED	4	XIEEND(0)	End of element
28	(1C)	X'1C'	0	XIESIZE	"XIEEND-XIESTART" Size of element

Table 259. Structure PRMSVITX

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	PRMSVITX	, IATXIDVS SAVE_ITEXT parameter list
0	(0)	ADDRESS	4	SAVITXAD	Pointer to the intermediate text to save
4	(4)	SIGNED	4	SAVITXLN	Length of the intermediate text to save

Table 260. Cross Reference for IATYIDVS

Name	Offset	Hex Tag
DNTEND	4	
DNTSIZE	4	4
DNTSTART	0	
DNTXIEAD	0	
IDFASIGN	5C	4
IDFCHKDL	5C	6
IDFCLNUP	5C	7
IDFINTLZ	5C	1
IDFMAX	5C	5
IDFRODEV	5C	2
IDFSVITX	5C	3
IDFWRITX	5C	5
IDOPTR01	5C	10
IDOPTR02	5C	11
IDOPTR03	5C	12
IDVDNTAD	5C	
IDVDNTCT	5C	100
IDVHEXDN	58	58
IDVSALET	4	
IDVSDTOK	8	
IDVSEND	5C	45C
IDVSFNJE	34	
IDVSFNSV	2C	
IDVSFREE	3C	
IDVSFSET	14	
IDVSFSOC	24	
IDVSFSUP	18	
IDVSID	0	
IDVSITAD	40	
IDVSITCT	48	0

Table 260. Cross Reference for IATYIDVS (continued)

Name	Offset	Hex Tag
IDVSITEN	44	
IDVSITNX	4C	
IDVSLNJE	38	
IDVSLNSV	30	
IDVSLSET	1C	
IDVSLSOC	28	
IDVSLSUP	20	
IDVSORIG	10	
IDVSSIZE	5C	45C
IDVSTART	0	
IDVWORK	58	0
IDVXIBFR	50	
IDVXIBLS	54	
PRMSVITX	0	
SAVITXAD	0	
SAVITXLN	4	
SITDVDE	8	
SITEND	14	
SITFLAG1	E	0
SITINDEX	C	0
SITJDSHR	E	80
SITRSVDD	F	0
SITSIZE	14	14
SITSTART	0	
SITXIEFR	0	
SITXIELS	4	
XIBAVCNT	C	0
XIBAVPTR	8	
XIBCOUNT	10	1F4
XIBEND	10	
XIBID	0	E7C9C240
XIBNEXT	4	
XIBSIZE	10	10
XIBSTART	0	
XIBTSIZE	E	0
XIEASNIX	12	40
XIEDEVNO	4	40404040
XIEDVNNX	14	
XIEEND	1C	
XIEFLAG1	12	0
XIEFOUND	12	80
XIEF1R01	12	1
XIEF1R02	12	2
XIEF1R04	12	4
XIEF1R08	12	8
XIEF1R10	12	10

Table 260. Cross Reference for IATYIDVS (continued)

Name	Offset	Hex Tag
XIEF1R20	12	20
XIEID	0	E7C9C540
XIERSVD1	13	0
XIESITNX	18	
XIESIZE	1C	1C
XIESTART	0	
XIESYSIX	10	0
XIESYSNM	8	40404040

IATYIFC information

IATYIFC heading information

Common name: CONVERTER/INTERPRETER FSS CONTROL BLOCK

Macro ID: IATYIFC

DSECT name: IFCSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: IFC
Offset: 0
Length: 4

Storage attributes: Main Storage: SUBPOOL 0 (JESPOOL)
Auxiliary Storage: N/A

Size: 376 Bytes

Created by: IATINFC

Pointed to by: TVTIFCAD in IATYTVT
Register 13 of CI FSS Driver Module IATIIFC

Serialization: None

Function: This control block is used to map the data area used by the C/I FSS driver module IATIIFC.

IATYIFC mapping

Table 261. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

Table 262. Structure IFCSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IFCSTART	C/I FSS CONTROL BLOCK
0	(0)	CHARACTER	4	IFCID	CONTROL BLOCK ID
------DO NOT MOVE THE BOUNDRY ALIGNMENT FROM BEFORE THE ECF---					
4	(4)	SIGNED	4	(0)	BOUNDRY ALIGNMENT FOR ECF *
4	(4)	BITSTRING	1	IFCECF	C/I FSS DRIVER MODULES ECF *
		1...		IFCORDER	"X'80'" POST TO PROCESS ORDERS

Table 262. Structure IFCSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.1..		IFCENDFN	"X'40'" POST FROM JOB ENDING FUNCTION
		..1.		IFCSTOPN	"X'20'" STOP FSS ORDER NORMAL
		...1		IFCSTOPA	"X'10'" STOP FSS ORDER ABNORMAL
		.... 1...		IFCSTOPD	"X'08'" STOP FSS AND DUMP
4	(4)	X'F8'	0	IFCPOST	"IFCORDER+IFCENDFN+IFCSTOPN+IFCSTOPA+ IFCSTOP D" MASK FOR ALL POSTS
5	(5)	BITSTRING	1	IFCRSECF(3)	RESERVED FOR ECFS
CCB CHAIN POINTERS					
8	(8)	ADDRESS	4	IFCOCTOP	ORDER ROUTINE CCB TOP POINTER
12	(C)	ADDRESS	4	IFCPCTOP	PROCLIB ORDER CCB TOP POINTER
16	(10)	ADDRESS	4	IFCMCTOP	MODIFY COUNT CCB TOP POINTER
20	(14)	ADDRESS	4	IFCEDTOP	ENABLE DISABLE CCB TOP POINTER
24	(18)	ADDRESS	4	IFCJCTOP	PROCESS JOB CCB TOP POINTER
28	(1C)	ADDRESS	4	IFCFCTOP	PROCESS JOB CANCEL/FAIL POINTER
32	(20)	ADDRESS	4	IFCRSCCB(4)	RESERVED FOR CCB CHAINS
FSI PARAMETER LIST ADDRESSES					
48	(30)	ADDRESS	4	IFCFSIPC	PTR TO FSIP FOR FSIREQ CONNECT/ DISCONNECT
52	(34)	ADDRESS	4	IFCFSIPS	PTR TO FSIP FOR FSIREQ SEND
POINTERS TO PREALLOCATED RESPONSE CCBS					
56	(38)	ADDRESS	4	IFCPRESC	PROCLIB RESPONSE CCB POINTER
60	(3C)	ADDRESS	4	IFCMRESC	MODIFY COUNT RESPONSE CCB
64	(40)	ADDRESS	4	IFCJRESC	PROCESS JOB NORMAL RESPONSE
68	(44)	ADDRESS	4	IFCNRESC	PROCESS JOB NAVAIL RESPONSE
72	(48)	ADDRESS	4	IFCRRCCB(4)	RESERVED FOR RESPONSE CCBS
MISCELLANEOUS COUNTS AND EQUATES					
88	(58)	SIGNED	4	IFCPCBCT	PROCLIB ORDER CCB COUNT
92	(5C)	SIGNED	4	IFCPCBMX	PROCLIB ORDER CCB MAX COUNT
96	(60)	BITSTRING	8	IFCORDID(0)	PROCLIB (TYPE=BUILD) ORDER IDENTIFICATION NUMBER
96	(60)	SIGNED	4	IFCPJOID	JES3 PORTION OF ORDER ID NO.
100	(64)	SIGNED	4	IFCPFOID	FSS PORTION OF ORDER ID NO.
104	(68)	BITSTRING	8	IFCMORID(0)	MODIFY COUNT ORDER IDENTIFICATION NUMBER
104	(68)	SIGNED	4	IFCMJOID	JES3 PORTION OF ORDER ID NO.
108	(6C)	SIGNED	4	IFCMFOID	FSS PORTION OF ORDER ID NO.
112	(70)	SIGNED	4	IFCNASEQ	LAST RESPONSE SEQUENCE NO. FOR MODIFY COUNT AND PROCESS JOB (NAVAIL) RESPONSES
112	(70)	X'10'	0	IFCCDLEN	"CDFIDSZ+CDFIDSZ" LENGTH OF TWO FSIP CONNECT/DISCONNECT ID AREAS
FLAGS					
116	(74)	BITSTRING	1	IFCFLAG1	IFC FLAG ONE

Table 262. Structure IFCSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF IFCFLAG1			
		1...		IFCRETRY	"X'80'" RETRY ROUTINE IS ACTIVE
		.1..		IFCRQNAV	"X'40'" RQ NOT AVAILABLE FOR JOB ON PROCESS JOB CCB CHAIN
		..1.		IFCLAST	"X'20'" LAST PROCLIB CCB FOUND
		...1		IFCRF110	"X'10'" RESERVED FLAG
		.... 1...		IFCRF108	"X'08'" RESERVED FLAG
		.... .1..		IFCRF104	"X'04'" RESERVED FLAG
		.... ..1.		IFCRF102	"X'02'" RESERVED FLAG
		1		IFCRF101	"X'01'" RESERVED FLAG
117	(75)	BITSTRING	1	IFCTRMFL	NORMAL FSS TERMINATION FLAG
		DEFINITION OF IFCTRMFL			
		1...		IFCTRMFS	"X'80'" NORMAL STOP FSS HAS BEEN ISSUED
		.1..		IFCRTR40	"X'40'" RESERVED FLAG
		..1.		IFCRTR20	"X'20'" RESERVED FLAG
		...1		IFCRTR10	"X'10'" RESERVED FLAG
		.... 1...		IFCRTR08	"X'08'" RESERVED FLAG
		.... .1..		IFCRTR04	"X'04'" RESERVED FLAG
		.... ..1.		IFCRTR02	"X'02'" RESERVED FLAG
		1		IFCRTR01	"X'01'" RESERVED FLAG
118	(76)	BITSTRING	1	IFCTRACE	IIFC JESTAE TRACE FLAG
		DEFINITION OF IFCTRACE			
118	(76)	X'1'	0	IFCENTRY	"1" ENTRY PHASE OF IATIIFC
118	(76)	X'2'	0	IFCSORTP	"2" SORT PHASE OF IATIIFC
118	(76)	X'3'	0	IFCPROCP	"3" PROCLIB ORDER PHASE
118	(76)	X'4'	0	IFCPROCB	"4" ENTERING IIFP FOR PROC BUILD
118	(76)	X'5'	0	IFCMODCP	"5" MODIFY COUNT ORDER PHASE
118	(76)	X'6'	0	IFCPROJP	"6" PROCESS JOB ORDER PHASE
118	(76)	X'7'	0	IFCCANFP	"7" CANCEL OR FAIL ORDER PHASE
118	(76)	X'8'	0	IFCENDGP	"8" ENDING FUNCTION PHASE
118	(76)	X'9'	0	IFCINATP	"9" IATINAT IS IN STORAGE
118	(76)	X'A'	0	IFCMODCR	"10" MODIFY COUNT RESPONSE PHASE
118	(76)	X'B'	0	IFCPROCR	"11" PROCLIB RESPONSE PHASE
118	(76)	X'C'	0	IFCAPNDG	"12" ENTERING CONSOLE APPENDAGE
118	(76)	X'D'	0	IFCDISCN	"13" FSS DISCONNECT PHASE
119	(77)	BITSTRING	1	IFCRFLGD(2)	RESERVED FOR DEVELOPMENT
121	(79)	BITSTRING	1	IFCRFLGS(2)	RESERVED FOR SERVICE
123	(7B)	BITSTRING	1	IFCRFLGU	RESERVED FOR USER
		SAVE AREAS			
124	(7C)	SIGNED	4	IFCSAV18(18)	SAVE AREA FOR FSIREQ
196	(C4)	SIGNED	4	IFCSAVFL	SAVE AREA FOR CONDITION CODE

Table 262. Structure IFCSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
196	(C4)	X'C7'	0	IFCSAVPT	"IFCSAVFL+3" POINTER TO THE LAST BYTE
		DM207 CONDITION CODES			
		.... .1..		IFCMDNTF	"X'04'" IATINFC - MEMDATA ENTRY NOT FOUND
		.... 1...		IFCFOLDF	"X'08'" IATINFC - LOAD OF IATIIFO FAILED
		.... 11..		IFCIFLDF	"X'0C'" IATINFC - LOAD OF IATINIF FAILED
		...1		IFCMSLDF	"X'10'" IATINFC - LOAD OF IATIIMS FAILED
		...1 .1..		IFC0MPC	"X'14'" IATINFC - MPC ADDRESS IN TVT IS ZERO
		...1 1...		IFCCFAIL	"X'18'" IATIIFC - FSIREQ CONNECT FAILED
		...1 11..		IFCPCNTF	"X'1C'" IATIIFC - PROCLIB SPECIFIED IN THE CCB WAS NOT FOUND
		..1.		IFCBDCCB	"X'20'" IATIIFC - A BAD CCB WAS DETECTED
		..1. .1..		IFCDISCF	"X'24'" IATIIFC - FSS DISCONNECT FAILED
		..1. 1...		IFCBDCAR	"X'28'" IATIIFC - BAD CONSOLE APPENDAGE RETURN
		..1. 11..		IFCCPART	"X'2C'" IATIIFC - System is being partitioned 06100SUA out of the sysplex 06100SUA
		CONSOLE BUFFER AREA FOR CANCELING JOBS IN CI			
200	(C8)	BITSTRING	316	IFCCNBUF	
516	(204)	SIGNED	4	IFCEND(0)	IFC CONTROL BLOCK END
516	(204)	X'204'	0	IFCLENTH	"IFCEND-IFCSTART" IFC CONTROL BLOCK LENGTH

Table 263. Cross Reference for IATYIFC

Name	Offset	Hex Tag
IFCAPNDG	76	C
IFCBDCAR	C4	28
IFCBDCCB	C4	20
IFCCANFP	76	7
IFCCDLEN	70	10
IFCCFAIL	C4	18
IFCCNBUF	C8	
IFCCPART	C4	2C
IFCDISCF	C4	24
IFCDISCN	76	D
IFCECF	4	
IFCEDTOP	14	
IFCEND	204	
IFCENDFN	4	40
IFCENDGP	76	8
IFCENTRY	76	1

Table 263. Cross Reference for IATYIFC (continued)

Name	Offset	Hex Tag
IFCFCTOP	1C	
IFCFLAG1	74	
IFCFOLDF	C4	8
IFCFSIPC	30	
IFCFSIPS	34	
IFCID	0	C9C6C340
IFCIFLDF	C4	C
IFCINATP	76	9
IFCJCTOP	18	
IFCJRESC	40	
IFCLAST	74	20
IFCLENTH	204	204
IFCMCTOP	10	
IFCMDNTF	C4	4
IFCMFOID	6C	
IFCMJOID	68	
IFCMODCP	76	5
IFCMODCR	76	A
IFCMORID	68	
IFCMRESC	3C	
IFCMSLDF	C4	10
IFCNASEQ	70	
IFCNRESC	44	
IFCOCTOP	8	
IFCORDER	4	80
IFCORDID	60	
IFCPCBCT	58	
IFCPCBMX	5C	
IFCPCNTF	C4	1C
IFCPCTOP	C	
IFCPFOID	64	
IFCPJOID	60	
IFCPOST	4	F8
IFCPRESC	38	
IFCPROCB	76	4
IFCPROCP	76	3
IFCPROCR	76	B
IFCPROJP	76	6
IFCRETRY	74	80
IFCRFLGD	77	
IFCRFLGS	79	
IFCRFLGU	7B	
IFCRF101	74	1
IFCRF102	74	2
IFCRF104	74	4
IFCRF108	74	8

Table 263. Cross Reference for IATYIFC (continued)

Name	Offset	Hex Tag
IFCRF110	74	10
IFCRQNAV	74	40
IFCRRCCB	48	
IFCRSCCB	20	
IFCRSECF	5	
IFCRTR01	75	1
IFCRTR02	75	2
IFCRTR04	75	4
IFCRTR08	75	8
IFCRTR10	75	10
IFCRTR20	75	20
IFCRTR40	75	40
IFCSAVFL	C4	
IFCSAVPT	C4	C7
IFCSAV18	7C	
IFCSORTP	76	2
IFCSTART	0	
IFCSTOPA	4	10
IFCSTOPD	4	8
IFCSTOPN	4	20
IFCTRACE	76	
IFCTRMFL	75	
IFCTRMFS	75	80
IFC0MPC	C4	14

IATYIIC information

IATYIIC heading information

Common name: Initialization Input Control Area

Macro ID: IATYIIC

DSECT name: IICSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: IIC
Offset: 0
Length: 4

Storage attributes: Main Storage: Any
Subpool: 0
Key: 1

Size: IICHSIZE bytes for IICSTART
IICESIZE bytes for IICENTRY

Created by: IATINRN (INPUTINT) - Input Initialization routine

Pointed to by: INTIICAD in IATYINT
IICHEPTR in IATYIIC

Serialization: NONE

Function: This Initialization Input Control Area contains information that is used to read records from the initialization stream. It consists of a header and multiple entries. Each entry represents either the primary JES3 initialization stream member, or an included member created as a result of finding an INCLUDE statement within another member.

IATYIIC mapping

Table 264. Structure IICSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IICSTART	, Initialization Input Control Area
0	(0)	CHARACTER	4	IICHID	Control block id
4	(4)	SIGNED	2	IICHTOSZ	Total size of the IIC including the IIC entries
6	(6)	SIGNED	2	IICHRSV1	Reserved for development
8	(8)	CHARACTER	44	IICHPDSN	Data set name associated with the primary member
	Current member information.				
52	(34)	ADDRESS	4	IICHEPTR	Current IIC entry pointer
56	(38)	SIGNED	2	IICHLEVL	Number of initialization stream member levels
56	(38)	X'4'	0	IICHMXLV	"4" Maximum number of init. stream member levels (one primary and up to 3 INCLUDE levels)
	Definition of IICHFLG1.				
58	(3A)	BITSTRING	1	IICHFLG1	IIC header flag one
59	(3B)	BITSTRING	5	IICHRSV2	Reserved for development
64	(40)	DBL WORD	8	IICHEND(0)	End of control block
64	(40)	X'40'	0	IICHSIZE	"IICHEND-IICSTART" Size of control block

Table 265. Structure IICENTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IICENTRY	
0	(0)	CHARACTER	4	IICEID	Control block id
4	(4)	ADDRESS	4	IICEDCBA	DCB address
8	(8)	CHARACTER	8	IICEMEMN	Member name being used
16	(10)	CHARACTER	8	IICEDDNM	DDNAME being used
16	(10)	X'16'	0	IICEDSFX	"IICEDDNM+6,2" DDname suffix value
24	(18)	CHARACTER	44	IICEDSNM	Data set name being used
	Dynamic allocation/unallocation information.				
68	(44)	SIGNED	4	IICEDYRC	DYNALLOC return code
72	(48)	SIGNED	2	IICEDYER	Error reason code
74	(4A)	SIGNED	2	IICEDYIF	Information reason code
	Definition of IICEFLG1.				
76	(4C)	BITSTRING	1	IICEFLG1	IIC entry flag one

Table 265. Structure IICENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		IICPRIM	"X'80'" This entry is for the primary initialization stream member
		.1..		IICINCLU	"X'40'" This entry was created as a result of an INCLUDE
		..1.		IICDYNAL	"X'20'" Dynamic allocation was performed
		...1		IICOPEN	"X'10'" Open was performed
		.... 1...		IICGMDCB	"X'08'" The DCB used for this entry is GETMAINed.
		.... .1..		IICMEMNF	"X'04'" Open failed because member not found
		.... ..1.		IICEOF	"X'02'" End of file occurred
		1		IICRF101	"X'01'" Reserved flag
77	(4D)	BITSTRING	3	IICRSVD1	Reserved for development
80	(50)	DBL WORD	8	IICEEND(0)	End of entry
80	(50)	X'50'	0	IICESIZE	"IICEEND-IICENTRY" Size of entry

Table 266. Cross Reference for IATYIIC

Name	Offset	Hex Tag
IICDYNAL	4C	20
IICEDCBA	4	
IICEDDNM	10	40404040
IICEDSFX	10	16
IICEDSNM	18	40404040
IICEDYER	48	0
IICEDYIF	4A	0
IICEDYRC	44	0
IICEEND	50	
IICEFLG1	4C	0
IICEID	0	C9C9C3C5
IICEMEMN	8	40404040
IICENTRY	0	
IICEOF	4C	2
IICESIZE	50	50
IICGMDCB	4C	8
IICHEND	40	
IICHEPTR	34	
IICHFLG1	3A	0
IICHID	0	C9C9C340
IICHLEVL	38	0
IICHMXLV	38	4
IICHPDSN	8	40404040
IICHRSV1	6	0
IICHRSV2	3B	0
IICHSIZE	40	40
IICHTOSZ	4	0
IICINCLU	4C	40

Table 266. Cross Reference for IATYIIC (continued)

Name	Offset	Hex Tag
IICMEMNF	4C	4
IICOPEN	4C	10
IICPRIM	4C	80
IICRF101	4C	1
IICRSVD1	4D	0
IICSTART	0	

IATYIIW information

IATYIIW programming interface information

The following fields are **NOT** programming interface information:

- IIWESTAE
- IIWJRPL
- IIWSRPL
- IIWSWAAD
- IIWSWB
- IIWVAT

IATYIIW heading information

Common name:	INTERPRETER COMPATIBILITY WORK AREA
Macro ID:	IATYIIW
DSECT name:	IIWORK
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Main Storage: SUBPOOL 0 - below 16M Auxiliary Storage: N/A
Size:	1692 Bytes
Created by:	IATIIII
Pointed to by:	R9 while IATIIII is ACTIVE
Serialization:	None
Function:	This macro maps the work area used by the Interpreter DSP Initiator Interface routine.

IATYIIW mapping

Table 267. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

Table 268. Structure ZB505

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	ZB505	
0	(0)	CHARACTER	28	SWAEPAX(0)	MAPPING OF EXTENDED EPA FOR LOCATE/ALL
0	(0)	CHARACTER	16	SWAEPA(0)	MAPPING OF STANDARD EPA

Table 268. Structure ZB505 (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	SIGNED	4	SWBLKPTR	POINTER TO BLOCK
4	(4)	SIGNED	4	SWVAFW(0)	4 BYTE SWA VIRTUAL ADDRESS
4	(4)	CHARACTER	3	SWVA	3 BYTE SWA VIRTUAL ADDRESS
7	(7)	CHARACTER	1	SWBLKID	BLOCK ID OR ZERO
8	(8)	SIGNED	4	SWLNGTH	LENGTH OF SWA BLOCK (NOT INCLUDING SWA PREFIX)
12	(C)	SIGNED	4	SWCHNPTR	CHAIN POINTER OR ZERO
16	(10)	SIGNED	4	SWQMPA	POINTER TO QMPA OR ZERO
20	(14)	SIGNED	4	SWPFXPTR	POINTER TO SWA PREFIX
24	(18)	SIGNED	2	SWPFXLTH	LENGTH OF SWA PREFIX
26	(1A)	CHARACTER	2	SWLVERS	VERSION NUMBER

Table 269. Structure ZB506

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	ZB506	
0	(0)	CHARACTER	16	SWAMEPAX(0)	MOVE MODE EPA MAPPING FOR EXTENDED EPAS
0	(0)	CHARACTER	8	SWAMMEPA(0)	MOVE MODE EPA MAPPING FOR STANDARD EPAS
0	(0)	SIGNED	4	SWBUFPTR(0)	FOR READ OR WRITE - BUFFER ADDRESS
0	(0)	CHARACTER	3	SWASNVA	FOR ASSIGNS (SVA)
3	(3)	CHARACTER	1	SWASNZO	4TH BYTE OF SVA0 - FOR ASSIGNS REMAINDER NOT USED FOR ASSIGNS
4	(4)	CHARACTER	3	SWROWVA	SVA FOR READ OR WRITE
7	(7)	CHARACTER	1	SWWRTID	FOR 8 OR 16 BYTE EPAS, THIS IS THE ID OF THE BLOCK TO BE WRITTEN
8	(8)	CHARACTER	4	SWLENGTH	LENGTH OF SWA BLOCK NOT INCLUDING THE PREFIX TO BE ASSIGNED FOR AN ASSIGN OR A WRITE/ASSIGN
12	(C)	CHARACTER	1	SWASGNID	FOR 16 BYTE EPAS, THIS IS THE ID OF THE BLOCK TO BE ASSIGNED
13	(D)	CHARACTER	2	SWMVERS	VERSION NUMBER
15	(F)	CHARACTER	1		RESERVED

Table 270. Structure IIWORK

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IIWORK	
0	(0)	CHARACTER	8	IIWNAM	- NAME OF CONTROL BLOCK
8	(8)	DBL WORD	8	IIWSRPL(0)	- RPL

Table 270. Structure IIWORK (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
				IFGRPL DSECT=NO $MAC(IFGRPL): PROPRIETARY V3 STATEMENT LICENSED MATERIALS - PROPERTY OF IBM "RESTRICTED MATERIALS OF IBM" 5647-A01 (C) COPYRIGHT 1980,2000 IBM CORP. END PROPRIETARY V3 STATEMENT STATUS = DFSMS VERSION 2 RELEASE 10 DESCRIPTIVE NAME = REQUEST PARAMETER LIST (RPL) FUNCTION = THE RPL CONTAINS USER REQUEST AND ERROR PASSBACK INFORMATION. IT IS USED BY VSAM AND VTAM, OR WHEN THE JOB ENTRY SUBSYSTEM(JES) IS BEING USED IN VS1, TO MAINTAIN INFORMATION REQUIRED BY THE GET AND PUT MACROS. THE RPL IS CREATED WITH INFORMATION SUPPLIED BY THE USER IN THE RPL MACRO AND IS ACCESSED BY THE REQUEST PROCESSING ROUTINES THROUGH REGISTER 1. THE CONTROL BLOCK CONSISTS OF AN AREA COMMON TO ALL USERS AND AN APPENDED VSAM EXTENSION. THE VSAM EXTENSION MACRO INVOKES THE VTAM RPL EXTENSION, ISTRPLEX, IF 'AM=VTAM' IS CODED IN THE RPL MACRO. DATE OF LAST CHANGE = 5 AUG 93 (93 XXX) CHANGE ACTIVITY $L1=DF/EF,JDM1113,4/1/80,STLASN: DF/EF SUPPORT RELEASE 1.0 $L2=DFP,HDP2210,,STLAYS: MVS/XA DFP RELEASE 2.1.0 ADD CODE FOR BDT @ZA92383 REC MGMT ENTERED FROM CLOSE ISSUED BY TASK TERMINATION @YA43869 $ZZ=SMS1.2,HDZ1120,,SJFEDKT: DFSMS RELEASE 1.2 $L3=DFSMS,HDZ11C0,05/14/94,SJPLRG: VSAM RLS RESERVE BIT SETTING 02 IN RPLOPT4 FOR VSAM USE @WA26115 $TR=DFSMS,HDZ11F0,112299,SJPLTLW: DEFINE ACTIVE GTF BIT ASSEMBLER DSECT FOR RPL		
8	(8)	DBL WORD	8	IFGRPL(0)	
8	(8)	X'8'	0	RPLIDWD	"*" RPL IDENTIFICATION WORD
8	(8)	BITSTRING	1	RPLID	RPL IDENTIFIER
		....		RPLIDD	"X'00'" IDENTIFIER VALUE - X'00'
9	(9)	BITSTRING	1	RPLSTYP	RPL SUBTYPE - SET TO X'00' FOR DATA MANAGEMENT AND X'0D' FOR JECS
		...1		RPLSVSAM	"X'10'" VSAM SUBTYPE X04SVHS
		...1 ..1.		RPLSTERM	"X'12'" SUBTYPE FOR RECORD MGMT ENTERED FROM CLOSE ISSUED BY TASK TERMINATION
		..1.		RPLSVTAM	"X'20'" VTAM SUBTYPE X04SVHS
		.1..		RPLS3540	"X'40'" 3540 SUBTYPE X04SVHS
		1111 1111		RPLCRID	"X'FF'" CRPL ID (VTAM) X03004
10	(A)	BITSTRING	1	RPLREQ	RPL REQUEST TYPE
		....		RPLGET	"X'00'" GET
		1		RPLPUT	"X'01'" PUT
		11		RPLPOINT	"X'03'" POINT
		.... .1.1		RPLERASE	"X'05'" ERASE
		.... .111		RPLJSFMT	"X'07'" JES FORMAT REQUEST
				THE FOLLOWING CODES ARE NOT STORED IN RPLREQ, BUT ARE AVAILABLE IN REGISTER 0 WHEN THE FUNCTION IS ENTERED AND STORED IN RPLREQ DURING PROCESSING OF THE FUNCTION.	
		.... ..1.		RPLCHECK	"X'02'" CHECK
		.... .1..		RPLENDRE	"X'04'" ENDREQ
		.... .11.		RPLVERIF	"X'06'" VERIFY
		.... .111		RPLIMPRT	"X'07'" IMPORT
		.... 1...		RPLPFMTD	"X'08'" DATA PREFORMAT
		.... 1..1		RPLPFMTI	"X'09'" INDEX PREFORMAT

Table 270. Structure IIWORK (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1.1.		RPLFRCIO	"X'0A'" FORCE I/O
		...1		RPLCNVTA	"X'10'" CNVTAD
		...1 ...1		RPLMNTAC	"X'11'" MNTACQ(VSAM)
		...1 ...1		RPLWRITE	"X'11'" WRITE(VTAM) X03004
		...1 ..1.		RPLACQRA	"X'12'" ACQRANGE(VSAM)
		...1 ..1.		RPLRESET	"X'12'" RESET(VTAM) X03004
		...1 ..11		RPLTERM	"X'13'" TERMRPL
		...1 ..11		RPLDO	"X'13'" DO(VTAM) X03004
		...1 .1..		RPLVERRF	"X'14'" VERIFY REFRESH
		...1 .1.1		RPLLKADD	"X'15'" LKADD REQUEST(VSAM)
		...1 .11.		RPLLKREL	"X'16'" LKREL REQUEST(VSAM)
		...1 .111		RPLLKCD	"X'17'" LKCD REQUEST(VSAM)
		...1 1...		RPLINQRC	"X'18'" INQRC REQUEST(VSAM)
		...1 1..1		RPLRETLK	"X'19'" RETLK REQUEST(VSAM)
		...1 1.1.		RPLRECOV	"X'1A'" RECOV REQUEST(VSAM)
		...1 1.11		RPLQUI	"X'1B'" QUIESCE REQ (VSAM)
		...1 11..		RPLEADD	"X'1C'" EADD REQUEST(VSAM)
		...1 .1.1		RPLQUISE	"X'15'" SETLOGON(VTAM) X03004
		...1 .11.		RPLSMLGO	"X'16'" SIMLOGON(VTAM) X03004
		...1 .111		RPLOPNDS	"X'17'" OPNDST(VTAM) X03004
		...1 1..1		RPLCHNG	"X'19'" CHANGE(VTAM) X03004
		...1 1.1.		RPLINQIR	"X'1A'" INQUIRE(VTAM) X03004
		...1 1.11		RPLINTPT	"X'1B'" INTRPRET(VTAM) X03004
		...1 11.1		RPLREAD	"X'1D'" READ(VTAM) X03004
		...1 111.		RPLSLICT	"X'1E'" SOLICIT(VTAM) X03004
		...1 1111		RPLCLOSE	"X'1F'" CLSDST(VTAM) X03004
		..1. ...1		RPLCLACB	"X'21'" CLOSEACB(VTAM) X03004
		..1. ..1.		RPLSNDCD	"X'22'" SEND(VTAM) X3004BS
		..1. ..11		RPLRCVCD	"X'23'" RECEIVE(VTAM) X3004BS
		..1. .1..		RPLRSRCD	"X'24'" RESETSR(VTAM) X3004BS
		..1. .1.1		RPLSSCCD	"X'25'" SESSIONC(VTAM) X3004BS
		..1. .111		RPLSDCMD	"X'27'" SENDCMD(VTAM)
		..1. 1...		RPLRVCMD	"X'28'" RCVCMD(VTAM)
		..1. 1..1		RPLTREQS	"X'29'" REQSESS(VTAM)
		..1. 1.1.		RPLTOPNS	"X'2A'" OPNSEC(VTAM)
		..1. 1.11		RPLTCLSS	"X'2B'" CLSSEC(VTAM)
		..1. 11..		RPLTRMS	"X'2C'" TRMSESS(VTAM)
11	(B)	BITSTRING	1	RPLLEN(0)	LENGTH OF THIS RPL
11	(B)	BITSTRING	1	RPLLEN2	ALTERNATE NAME FOR RPLLEN X03004
12	(C)	ADDRESS	4	RPLPLHPT	POINTER TO PLACEHOLDER
16	(10)	ADDRESS	4	RPLECB	INTERNAL ECB OR POINTER TO EXTERNAL ECB
		ECB FLAGS			
		1...		RPLWAIT	"X'80'" A REQUEST HAS BEEN ISSUED
		.1..		RPLPOST	"X'40'" THE REQUEST HAS COMPLETED

Table 270. Structure IIWORK (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
20	(14)	BITSTRING	4	RPLFDBWD(0)	FEEDBACK WORD X04SVHS
20	(14)	BITSTRING	1	RPLSTAT	CURRENT RPL STATUS
20	(14)	X'14'	0	RPLFUNCD	"RPLSTAT" PROB DET FUNCT CD
21	(15)	BITSTRING	3	RPLFDBK(0)	ERROR FEEDBACK
21	(15)	BITSTRING	1	RPLRTNCD(0)	RPL RETURN CODE
		....		RPLNOERR	"X'00'" NORMAL RETURN
		.... .1..		RPLBLKER	"X'04'" INVALID CONTROL BLOCK
		.... .1..		RPLCBLKE	"X'04'" ALTERNATE NAME FOR RPLBLKER X03004
		.... 1...		RPLLOGER	"X'08'" ILLOGICAL REQUEST
		.... 1...		RPLLOGIC	"X'08'" ALTERNATE NAME FOR RPLLOGER X03004
		.... 11..		RPLPHYER	"X'0C'" PHYSICAL I/O ERROR
		.... 11..		RPLPHYSC	"X'0C'" ALTERNATE NAME FOR RPLPHYER X03004
		...1		RPLNGRCC	"X'10'" A CONDITIONAL COMMAND WAS ISSUED BUT THE CONDITION WAS NOT MET(VTAM) X03004
		...1		RPLNOVAS	"X'10'" SMSVSAM SERVER ADDRESS SPACE HAS NOT BEEN INITIALIZED OR NOT ACTIVE
		...1 .1..		RPLSPECC	"X'14'" A TEMPORARY OUT-OF-CORE SITUATION EXISTS(VTAM) X03004
		...1 1...		RPLCMDRT	"X'18'" THE REQUEST WAS CANCELLED BY THE RESET COMMAND(VTAM) X03004
		...1 11..		RPLPURGE	"X'1C'" THE COMMAND WAS PURGED(VTAM) X03004
		..1.		RPLVTMNA	"X'20'" VTAM IS NOT ACTIVE(VTAM) X03004
		..1. .1..		RPLSYERR	"X'24'" SYSTEM ERROR(VTAM)X03004
		..1. 1...		RPLDEVDC	"X'28'" DIAL LINE IS DISCONNECTED(VTAM)X03004
		..1. 11..		RPLLIMEX	"X'2C'" RESPONSE LIMIT EXCEEDED(VTAM) X3004BS
		..11		RPLEXRQ	"X'30'" EXCEPTION REQUEST RECEIVED(VTAM) X3004BS
		..11 .1..		RPLEXRS	"X'34'" EXCEPTION RESPONSE RECEIVED(VTAM) X3004BS
		..11 1...		RPLNOIN	"X'38'" NO INPUT AVAILABLE(VTAM) X3004BS
		..11 11..		RPLVABND	"X'3C'" VTAM ENCOUNTERED ABEND CONDITION
21	(15)	BITSTRING	1	RPLERREG	ALTERNATE NAME FOR RPLRTNCD
22	(16)	BITSTRING	2	RPLCNDCD(0)	RPL CONDITION CODE
22	(16)	BITSTRING	1	RPLCMPON(0)	COMPONENT ISSUING CODE(VSAM)
22	(16)	BITSTRING	1	RPLFDB2	REASON CODE(VTAM) X03004
		1...		RPLERLK	"X'80'" ERROR LOCK SET X03004
		.1..		RPLRVID	"X'40'" RVI RECEIVED X03004
		..1.		RPLATND	"X'20'" ATTN RECEIVED X03004
		...1		RPLDVUNS	"X'10'" DEVICE UNUSABLE X03004
		.... 1...		RPLIOERR	"X'08'" I/O ERROR TYPE- 0=INPUT/ 1=OUTPUT X03004
		.... .1..		RPLDLGFL	"X'04'" DIALOG INIT FAILED X03004

Table 270. Structure IIWORK (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... ..1.		RPLCUERR	"X'02'" CONTROL UNIT FAILURE X03004
		1		RPLSTSAV	"X'01'" SENSE BYTES PRESENT X03004
23	(17)	BITSTRING	1	RPLERRCD(0)	ERROR CODE(VSAM)
23	(17)	BITSTRING	1	RPLFDB3	DATA FLAGS(VTAM) X03004
		1...		RPLUINPT	"X'80'" UNSOLICITED INPUT X03004
		.1..		RPLSV32	"X'40'" RESERVED X03004
		..1.		RPLREOB	"X'20'" END OF BLOCK X03004
		...1		RPLREOM	"X'10'" END OF MESSAGE X03004
		.... 1...		RPLREOT	"X'08'" END OF TRANSMISSION X03004
		.... .1..		RPLLGFRC	"X'04'" LOGOFF DETECTED X03004
		.... ..1.		RPLRLG	"X'02'" LEADING GRAPHICS RECEIVED X03004
		1		RPLRDSOH	"X'01'" START OF HEADER (SOH) RECEIVED X03004
24	(18)	SIGNED	2	RPLKEYLE(0)	KEY LENGTH (PROC=GEN)
24	(18)	SIGNED	2	RPLKEYL	ALTERNATE NAME FOR RPLKEYLE
26	(1A)	SIGNED	2	RPLSTRID	CCW STRING IDENTIFIER
26	(1A)	X'1A'	0	RPLTIME	"RPLSTRID,2" REQUEST DEADLOCK TIMEOUT VALUE
28	(1C)	ADDRESS	4	RPLCCHAR	POINTER TO CONTROL CHARACTER FOR UNIT RECORD DEVICES
28	(1C)	X'1C'	0	RPLLUWID	"RPLCCHAR,4" POINTER TO UNIT OF WORK ID
32	(20)	ADDRESS	4	RPLDACB	POINTER TO DATA ACB
36	(24)	ADDRESS	4	RPLTCBPT	POINTER TO TCB
40	(28)	ADDRESS	4	RPLAREA	POINTER TO AREA CONTAINING DATA RECORD
44	(2C)	ADDRESS	4	RPLARG(0)	POINTER TO SEARCH ARGUMENT; POINTER TO RELATIVE ADDRESS FOR POINT OPERATION; POINTER TO SETPRT PARMLIST
44	(2C)	BITSTRING	2	RPLSAF	SOURCE ADDRESS FIELD(VTAM) X03004
46	(2E)	BITSTRING	2	RPLDAF	DESTINATION ADDRESS FIELD(VTAM) X03004
48	(30)	BITSTRING	4	RPLOPTCD(0)	OPTION CODES
48	(30)	BITSTRING	1	RPLOPT1	OPTION BYTE 1
		1...		RPLLOC	"X'80'" LOCATE MODE; MOVE MODE IF 0
		.1..		RPLDIR	"X'40'" DIRECT ACCESS
		..1.		RPLSEQ	"X'20'" SEQUENTIAL ACCESS
		...1		RPLSKP	"X'10'" SKIP SEQUENTIAL ACCESS
		.... 1...		RPLASY	"X'08'" ASYNCHRONOUS PROCESSING
		.... .1..		RPLKGE	"X'04'" SEARCH KEY GT/EQ
		.... ..1.		RPLGEN	"X'02'" GENERIC KEY REQUEST
		1		RPLECBSW	"X'01'" EXTERNAL ECB
		1		RPLECBIN	"X'01'" ALTERNATE NAME FOR RPLECBSW X03004
49	(31)	BITSTRING	1	RPLOPT2	OPTION BYTE 2
		1...		RPLKEY	"X'80'" KEYED ACCESS
		.1..		RPLADR	"X'40'" ADDRESSED ACCESS
		.1..		RPLADD	"X'40'" ALTERNATE NAME FOR RPLADR

Table 270. Structure IIWORK (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		RPLCNV	"X'20'" CONTROL INTERVAL ACCESS
		...1		RPLBWD	"X'10'" FWD=0/BWD=1 X04SVHS
		.... 1...		RPLLRD	"X'08'" ARD=0/LRD=1 X04SVHS
		.... .1..		RPLWAITX	"X'04'" AYNCH PROC WAIT
		.... ..1.		RPLUPD	"X'02'" UPDATE
		1		RPLNSP	"X'01'" NOTE STRING POSITION
50	(32)	BITSTRING	1	RPLOPT3	OPTION BYTE 3
		1...		RPLEODS	"X'80'" END OF USER SYSOUT
		.1..		RPLSFORM	"X'40'" SPECIAL FORM ON REMOTE PRINTER
		..1.		RPLBLK	"X'20'" BLOCKED UCS DATA CHECKS FIXED BLOCK PROCESSING
		...1		RPLVFY	"X'10'" VERIFY UCS/FCB INFORMATION
		.... 1...		RPLFLD	"X'08'" LOAD UCS BUFFER IN FOLD MODE
		.... ..1.		RPLFMT	"X'02'" FCB LOAD
		.... .11.		RPLFRMT	"X'06'" UCS LOAD IF 00
		1		RPLALIGN	"X'01'" ALIGN FCB BUFFER LOADING
50	(32)	X'32'	0	RPLOPTRL	"RPLOPT3" VSAM-RLS OPTIONS
		1...		RPLKL	"X'80'" 1(0) KL(NOKL) REQUESTED ON GET UPD
		.1..		RPLRDNRI	"X'40'" 1=NO READ CONSISTENCY
		..1.		RPLRDCR	"X'20'" 1=CONSISTENT READ
		...1		RPLRDCRE	"X'10'" CONSISTENT READ EXPLICIT
		.... 1...		RPLRTYP	"X'08'" WITH RTYP1, 10=COLD, 00=LL, 01=NONRLS
		.... .1..		RPLRTIND	"X'04'" 1(0) IND(SS) SPECIFIED ON IDARETLK
		.... ..1.		RPLRTYP1	"X'02'" SEE RPLRTYP
51	(33)	BITSTRING	1	RPLOPT4	OPTCD BYTE 4
		1...		RPLENDTR	"X'80'" 3800 END OF TRANSMISSION (VS1)
		1...		RPLXRBA	"X'80'" EXTENDED ADDRESSABILTY PROCESSING IN USE
		.1..		RPLMKFRM	"X'40'" 3800 MARK FORM (VS1)
		.1..		RPLGTFA	"X'40'" GTF IS ACTIVE FOR VSAM TRACE RECORDS.
		..1.		RPLNOCIR	"X'20'" NO CI RECLAIM
		NO MORE THAN ONE OF THE FOLLOWING THREE BITS CAN BE ON. ONE OF THEM IS SET ONLY WHEN ACBCCANY IS ON AND THE OPERATION IS INPUT.			
		...1		RPLCTA	"X'10'" RPLCCHAR POINTS TO AN ANSI CONTROL CHARACTER
		.... 1...		RPLCTM	"X'08'" RPLCCHAR POINTS TO A MACHINE CONTROL CHARACTER
		.... .1..		RPLCTO	"X'04'" OTHER FORMAT. RPLCCHAR POINTS TO A CODE BYTE THAT IDENTIFIES THE FORMAT. A CODE OF X'5A' MEANS CPDS.
		EQU X'02' RESERVED FOR VSAM		INTERNAL USE	
52	(34)	ADDRESS	4	RPLNXTRP(0)	POINTER TO NEXT RPL

Table 270. Structure IIWORK (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
52	(34)	ADDRESS	4	RPLCHAIN	ALTERNATE NAME FOR RPLNXTRP
56	(38)	ADDRESS	4	RPLRLEN	LENGTH OF RECORD
60	(3C)	ADDRESS	4	RPLBUFL	USER BUFFER LENGTH
64	(40)	BITSTRING	4	RPLOPTC2(0)	VTAM OPTIONS X03004
64	(40)	BITSTRING	1	RPLOPT5	OPTION BYTE 5 X03004
		1...		RPLDLGIN	"X'80'" CONTINUE READING IN SPECIFIC TERMINAL MODE; IF 0, CONTINUE READING IN ANY TERMINAL MODE X03004
		.1..		RPLSSNIN	"X'40'" CONTINUE DIALOG WITH THE SAME TERMINAL; IF 0, END DIALOG WITH THAT TERMINAL X03004
		..1.		RPLPSOPT	"X'20'" PASS TERMINAL TO REQUESTING APPLICATION; IF 0, MAKE TERMINAL AVAILABLE TO ANY APPLICATION X03004
		...1		RPLNERAS	"X'10'" WRITE TO 3270 BUT DO NOT ERASE WHAT IS CURRENTLY DISPLAYED X03004
		.... 1...		RPLEAU	"X'08'" WRITE TO 3270 AND ERASE UNPROTECTED FIELDSX03004
		.... .1..		RPLERACE	"X'04'" WRITE TO 3270 AND ERASE CURRENT DISPLAY X03004
		.... ..1.		RPLNODE	"X'02'" READ FROM ANY TERMINAL; IF 0, READ FROM A SPECIFIC TERMINAL X03004
		1		RPLWROPT	"X'01'" CONVERSATIONAL MODE; IF 0, NON-CONVERSATIONAL MODE X03004
65	(41)	BITSTRING	1	RPLOPT6	OPTION BYTE 6 X03004
		1...		RPLEOB	"X'80'" WRITE A BLOCK OF DATA X03004
		.1..		RPLEOM	"X'40'" WRITE THE LAST BLOCK OF A MESSAGE X03004
		..1.		RPLEOT	"X'20'" WRITE THE LAST BLOCK OF THE TRANSMISSION X03004
		...1		RPLCOND	"X'10'" DO NOT STOP OPERATION IF STARTED (USED WITH RESET REQUEST) X03004
		.... 1...		RPLNCOND	"X'08'" STOP OPERATION IMMEDIATELY (USED WITH RESET REQUEST) X03004
		.... .1..		RPLLOCK	"X'04'" RESET ERROR LOCK TO UNLOCKED STATUS X03004
		.... ..1.		RPLRSV67	"X'02'" RESERVED X03004
		1		RPLRSV68	"X'01'" RESERVED X03004
66	(42)	BITSTRING	1	RPLOPT7	OPTION BYTE 7 X03004
		1...		RPLCNALL	"X'80'" ALL TERMINALS IN OPNDST LIST MUST BE AVAILABLE BEFORE ANY ARE CONNECTED X03004
		.1..		RPLCNANY	"X'40'" CONNECT ANY ONE TERMINAL IN OPNDST LIST X03004
		..1.		RPLCNIMM	"X'20'" RESERVED X03004
		...1		RPLQOPT	"X'10'" QUEUE THE OPNDST REQUEST IF IT CANNOT BE SATISFIED IMMEDIATELY; IF 0, REJECT THE OPNDST REQUEST IF IT CANNOT BE SATISFIED IMMEDIATELY X03004
		.... 1...		RPLTPOST	"X'08'" RPL ALREADY UNDER PSS

Table 270. Structure IIWORK (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... .1..		RPLRLSOP	"X'04'" SCHEDULE THE RELREQ EXIT OF THE REQUIRED TERMINAL IMMEDIATELY; IF 0, EITHER WAIT FOR THE TERMINAL TO BECOME AVAILABLE OR REJECT THE REQUEST IF THE TERMINAL IS BUSY(DEPENDS ON THE SETTING OF RPLQOPT) X03004
		.... ..1.		RPLTCRNO	"X'02'" CLOSE IN PROCESS FOR PO INTERFACE
		1		RPLRSV78	"X'01'" RESERVED X03004
67	(43)	BITSTRING	1	RPLOPT8	OPTION BYTE 8 X03004
		1...		RPLODACQ	"X'80'" THE APPLICATION REQUIRES A SPECIFIC TERMINAL X03004
		.1..		RPLODACP	"X'40'" THE APPLICATION WILL ACCEPT ANY TERMINAL DESIRING LOGON X03004
		..1.		RPLODPRM	"X'20'" A SPECIFIC TERMINAL IS TO BE PREEMPTED EVEN THOUGH ANOTHER APPLICATION IS HOLDING IT (TOLTEP ONLY) X03004
		...1		RPLPEND	"X'10'" PREEMPT THE TERMINAL AFTER ALL PENDING OPERATIONS ARE COMPLETED (TOLTEP ONLY) X03004
		.... 1...		RPLSESS	"X'08'" PREEMPT THE TERMINAL AFTER COMPLETION OF THE CURRENT DIALOG SESSION (TOLTEP ONLY) X03004
		.... .1..		RPLACTV	"X'04'" PREEMPT THE TERMINAL IF CONNECTED BUT NOT BUSY (TOLTEP ONLY) X03004
		.... ..1.		RPLUNCON	"X'02'" PREEMPT THE TERMINAL IMMEDIATELY (TOLTEP ONLY) X03004
		1		RPLRSV88	"X'01'" RESERVED X03004
64	(40)	BITSTRING	1		VSAM RPL - RESERVED
65	(41)	BITSTRING	1	RPLAIXID	AIX POINTER TYPE
		1...		RPLAXPKP	"X'80'" RBA=1/PRIME=0
66	(42)	BITSTRING	2		VSAM RPL - RESERVED
68	(44)	CHARACTER	8	RPLRBAR(0)	RBA RETURN LOCATION
68	(44)	BITSTRING	2	RPLAIXPC	AIX POINTER COUNT
70	(46)	BITSTRING	2		RESERVED
72	(48)	CHARACTER	4	RPLDDDD	RETURN AREA FOR RELATIVE BYTE ADDRESS
76	(4C)	BITSTRING	1	RPLEXTDS(0)	EXIT DEFINITIONS
76	(4C)	BITSTRING	1	RPLEXTD1	ALTERNATE NAME FOR RPLEXTDS X03004
		1...		RPLEXSCH	"X'80'" AN EXIT HAS BEEN SCHEDULED X03004
		.1..		RPLNEXIT	"X'40'" NO EXIT WAS SPECIFIED X03004
		..1.		RPLEXIT	"X'20'" ASYNCH EXIT
		.... 1...		RPLTCRYP	"X'08'" IF ON, ENCRYPTION FEATURE REQ
		.... .1..		RPLNIB	"X'04'" THE RPLARG FIELD CONTAINS A POINTER TO THE NIB X03004
		.... ..1.		RPLBRANC	"X'02'" USE A BRANCH ENTRY TO THE MACRO X03004
77	(4D)	BITSTRING	1	RPLACTIV	ACTIVE INDICATOR - X'FF' INDICATES ACTIVE; X'00' INDICATES INACTIVE X03004
78	(4E)	SIGNED	2	RPLEMLEN	LENGTH OF THE ERROR MESSAGE AREA
80	(50)	ADDRESS	4	RPLERMSA	POINTER TO THE ERROR MESSAGE AREA EXTENSION

Table 270. Structure IIWORK (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
84	(54)	BITSTRING	1	IIWSRPLE(0)	- END OF JESYSMSG RPL
88	(58)	DBL WORD	8	IIWJRPL(0)	- START OF INTERNAL TEXT RPL
88	(58)	BITSTRING	1	(0)	SIZE OF JESYSMSG RPL
164	(A4)	BITSTRING	1	IIWJRPLE(0)	- END OF THE INT TXT RPL
		ESTAE PARAMETER LIST ESTAE MF=L			
164	(A4)	SIGNED	4	(0)	
164	(A4)	ADDRESS	1	IIWESTAE	FLAGS FOR TCB,PURGE,ASYNCH, AND CANCEL
165	(A5)	ADDRESS	3		FIELD NO LONGER USED
168	(A8)	ADDRESS	4		PARM. LIST ADDR. NOT SPECIFIED
172	(AC)	ADDRESS	4		TCB NOT SPECIFIED
176	(B0)	ADDRESS	1		FLAGS
177	(B1)	ADDRESS	1		THIRD FLAG BYTE
178	(B2)	ADDRESS	2		RESERVED
180	(B4)	ADDRESS	4		TOKEN VALUE AREA
184	(B8)	ADDRESS	4		EXIT ADDR NOT SPECD
188	(BC)	SIGNED	4	IIWSELF	- BASE OF IATIIII
192	(C0)	SIGNED	4	IIWRETRY	- RETRY ADDRESS FOR ESTAE
196	(C4)	SIGNED	4	IIWVAT	- VAT CHAIN
200	(C8)	SIGNED	4	IIWNEL	- NEL PTR
204	(CC)	SIGNED	4	(0)	
204	(CC)	CHARACTER	12	IIWINPUT(0)	INPUT WORK AREA
		WORK AREA FOR EXPIRATION DATE CALCULATIONS			
204	(CC)	CHARACTER	8	DATEWORK(0)	FOR CONVERSION AREA
204	(CC)	CHARACTER	1		
205	(CD)	CHARACTER	3	CRNTDATE(0)	CURRENT DATE IN JFCB FORMAT
205	(CD)	CHARACTER	1	CRNTYR	CURRENT YEAR
206	(CE)	CHARACTER	2	CRNTDAY	JULIAN DAY
208	(D0)	CHARACTER	4		ALIGNED TO END OF DATEWORK
212	(D4)	CHARACTER	3	CALCDATE(0)	CALCULATE NEW DATE AREA
212	(D4)	CHARACTER	1	CALCYEAR	NEW CALCULATED YEAR
213	(D5)	CHARACTER	2	CALCDAYS	NEW CALCULATED DAYS
216	(D8)	SIGNED	4	IIWOUTPT(20)	- OUTPUT WORK AREA
296	(128)	SIGNED	4	IIWJMR(44)	- JMR
472	(1D8)	BITSTRING	56	IIWSJPU	SJF PUTSWB PARAMETER AREA
528	(210)	SIGNED	4	IIWJCT	- PTR TO THE JCT
532	(214)	SIGNED	4	IIWUSER	- PTR TO THE USER EXIT
536	(218)	SIGNED	4	IIWSJPUP	- PTR TO SJF PUTSWB PARM LIST
540	(21C)	SIGNED	4	IIWSWB	- PTR TO SWB CHAIN
544	(220)	SIGNED	4	IIWAUXA	- PTR TO AUXILIARY SJF BUFFER
548	(224)	SIGNED	2	IIWAUXSZ	- SIZE OF AUXILIARY SJF BUFFER
550	(226)	BITSTRING	1	IIWTRAC1	- TRACE OF SJF INVOCATIONS

Table 270. Structure IIWORK (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF IIWTRAC1			
		1...		IIWSJTRR	"X'80'" CALL TO SJF FROM RETRY HAS BEEN ATTEMPTED
551	(227)	BITSTRING	1	IIWRSVDV	- RESERVED FOR DEVELOPMENT
552	(228)	SIGNED	4	IIWUSAVE(18)	- USER EXIT SAVE AREA
624	(270)	SIGNED	4	IIWSAVE(18)	- SAVE AREA
696	(2B8)	BITSTRING	1	IIWEXLST(10)	- EXIT LIST FOR EOF OF ACB
708	(2C4)	ADDRESS	4	IIWSWAAD	SWA EPA PTR
712	(2C8)	SIGNED	4	IIWPARML(0)	PARM LIST FOR LOC. SWA MNGR
		SWAREQ MF=L			
712	(2C8)	SIGNED	4	(0)	SWA MANAGER PARAMETER LIST
712	(2C8)	ADDRESS	4	EPA@0009	ADDR OF EPA FOR SWA MANAGER
716	(2CC)	ADDRESS	4	FCD@0009	ADDR OF FUNCTION CODE FOR SWA MANAGER
720	(2D0)	SIGNED	4	IIWLMEPA(0)	LOCATE MODE SWA MGR. EX. EPA
720	(2D0)	BITSTRING	1	(0)	
748	(2EC)	SIGNED	4	IIWMMEPA(0)	MOVE MODE SWA MGR. EX. EPA
748	(2EC)	BITSTRING	1	(0)	
764	(2FC)	ADDRESS	4	IIWAMODE	SAVE AREA FOR CALLERS AMODE
768	(300)	SIGNED	4	IIWJSCBP	JSCB ADDRESS SAVE AREA
772	(304)	SIGNED	4	IIWJSQMP	CONTENTS OF JSCBQMPI
		SDUMP PARAMETER LIST SDUMP SDATA=(PSA,RGN,LPA,TRT,CSA),MF=L $$$$			
776	(308)	SIGNED	4	IIWSDUMP(0)	SDUMP PARAMETER LIST
776	(308)	ADDRESS	1		FLAG BYTE
777	(309)	ADDRESS	1		FLAG BYTE
778	(30A)	ADDRESS	1		FLAG BYTE
779	(30B)	ADDRESS	1		FLAG BYTE
780	(30C)	ADDRESS	4		ADDRESS OF DCB
784	(310)	ADDRESS	4		ADDRESS OF STORAGE LIST
788	(314)	ADDRESS	4		ADDRESS OF USER DATA
792	(318)	ADDRESS	4		ADDRESS OF ECB/SRB
796	(31C)	ADDRESS	2		CURRENT ASID
798	(31E)	ADDRESS	2		OTHER ASID
800	(320)	ADDRESS	4		ADDRESS OF ASID LIST
804	(324)	ADDRESS	4		ADDRESS OF SUMLIST/SUMLSTA LIST
808	(328)	ADDRESS	4		RESERVED
812	(32C)	ADDRESS	4		RESERVED
816	(330)	BITSTRING	1	IIWFLAG	FLAG BYTE
		DEFINITION OF IIWFLAG			
		1...		IIWSWABV	"X'80'" SWA ABOVE THE LINE INDICATOR
		.1..		IIWINIT	"X'40'" SWA INITIALIZATION BIT FOR IIII

Table 270. Structure IIWORK (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		IIWSWAP	"X'20'" NEED TO SWAP FIELDS DUE TO MVS VERSION INCOMPAT.
817	(331)	BITSTRING	7	IIWRSVD	RESERVED FOR DEVELOPMENT
824	(338)	SIGNED	4	IIWRSVS(2)	RESERVED FOR SERVICE
832	(340)	SIGNED	4	IIWRSVU	RESERVED FOR USER
836	(344)	BITSTRING	4	IIWHOLD	TEMP STORAGE AREA FOR IIII
840	(348)	SIGNED	4	IIWORKE(0)	END OF WORK AREA
840	(348)	BITSTRING	0	IIWORKSZ(0)	Size of work area without JCBLOCK user buffer
840	(348)	BITSTRING	1	IIWJCBUB(0)	User buffer for JCBLOCK

Table 271. Cross Reference for IATYIIW

Name	Offset	Hex Tag
CALCDATE	D4	
CALCDAYS	D5	
CALCYEAR	D4	
CRNTDATE	CD	
CRNTDAY	CE	
CRNTYR	CD	
DATEWORK	CC	
EPA@0009	2C8	
FCD@0009	2CC	
IFGRPL	8	
IIWAMODE	2FC	
IIWAUXA	220	
IIWAUXSZ	224	
IIWESTAE	A4	
IIWEXLST	2B8	
IIWFLAG	330	
IIWHOLD	344	
IIWINIT	330	40
IIWINPUT	CC	
IIWJCBUB	348	
IIWJCT	210	
IIWJMR	128	
IIWJRPL	58	
IIWJRPLE	A4	
IIWJSCBP	300	
IIWJSQMP	304	
IIWLMEPA	2D0	
IIWMMEPA	2EC	
IIWNAM	0	C9C9E6D6
IIWNEL	C8	
IIWORK	0	
IIWORKE	348	
IIWORKSZ	348	

Table 271. Cross Reference for IATYIIW (continued)

Name	Offset	Hex Tag
IIWOUTPT	D8	
IIWPARML	2C8	
IIWRETRY	C0	
IIWRSVD	331	
IIWRSVDV	227	
IIWRSVS	338	
IIWRSVU	340	
IIWSAVE	270	
IIWSDUMP	308	
IIWSELF	BC	
IIWSJPU	1D8	
IIWSJPUP	218	
IIWSJTRR	226	80
IIWSRPL	8	
IIWSRPLE	54	
IIWSWAAD	2C4	
IIWSWABV	330	80
IIWSWAP	330	20
IIWSWB	21C	
IIWTRAC1	226	
IIWUSAVE	228	
IIWUSER	214	
IIWVAT	C4	
RPLACQRA	A	12
RPLACTIV	4D	
RPLACTV	43	4
RPLADD	31	40
RPLADR	31	40
RPLAIXID	41	
RPLAIXPC	44	
RPLALIGN	32	1
RPLAREA	28	
RPLARG	2C	
RPLASY	30	8
RPLATND	16	20
RPLAXPKP	41	80
RPLBLK	32	20
RPLBLKER	15	4
RPLBRANC	4C	2
RPLBUFL	3C	
RPLBWD	31	10
RPLCBLKE	15	4
RPLCCHAR	1C	
RPLCHAIN	34	
RPLCHECK	A	2
RPLCHNG	A	19

Table 271. Cross Reference for IATYIIW (continued)

Name	Offset	Hex Tag
RPLCLACB	A	21
RPLCLOSE	A	1F
RPLCMDRT	15	18
RPLCMPON	16	
RPLCNALL	42	80
RPLCNANY	42	40
RPLCNDCD	16	
RPLCNIMM	42	20
RPLCNV	31	20
RPLCNVTA	A	10
RPLCOND	41	10
RPLCRID	9	FF
RPLCTA	33	10
RPLCTM	33	8
RPLCTO	33	4
RPLCUERR	16	2
RPLDACB	20	
RPLDAF	2E	
RPLDDDD	48	
RPLDEVDC	15	28
RPLDIR	30	40
RPLDLGFL	16	4
RPLDLGIN	40	80
RPLDO	A	13
RPLDVUNS	16	10
RPLEADD	A	1C
RPLEAU	40	8
RPLECB	10	
RPLECBIN	30	1
RPLECBSW	30	1
RPLEMLEN	4E	
RPLENDRE	A	4
RPLENDTR	33	80
RPLEOB	41	80
RPLEODS	32	80
RPLEOM	41	40
RPLEOT	41	20
RPLERACE	40	4
RPLERASE	A	5
RPLERLK	16	80
RPLERMSA	50	
RPLERRCD	17	
RPLERREG	15	
RPLEXIT	4C	20
RPLEXRQ	15	30
RPLEXRS	15	34

Table 271. Cross Reference for IATYIIW (continued)

Name	Offset	Hex Tag
RPLEXSCH	4C	80
RPLEXTDS	4C	
RPLEXTD1	4C	
RPLFDBK	15	
RPLFDBWD	14	
RPLFDB2	16	
RPLFDB3	17	
RPLFLD	32	8
RPLFMT	32	2
RPLFRCIO	A	A
RPLFRMT	32	6
RPLFUNCD	14	14
RPLGEN	30	2
RPLGET	A	0
RPLGTFA	33	40
RPLID	8	
RPLIDD	8	0
RPLIDWD	8	8
RPLIMPRT	A	7
RPLINQIR	A	1A
RPLINQRC	A	18
RPLINTPT	A	1B
RPLIOERR	16	8
RPLJSFMT	A	7
RPLKEY	31	80
RPLKEYL	18	
RPLKEYLE	18	
RPLKGE	30	4
RPLKL	32	80
RPLLEN	B	
RPLLEN2	B	
RPLLGFRC	17	4
RPLLIMEX	15	2C
RPLLKADD	A	15
RPLLKCD	A	17
RPLLKREL	A	16
RPLLOC	30	80
RPLLOCK	41	4
RPLLOGER	15	8
RPLLOGIC	15	8
RPLLRD	31	8
RPLLUWID	1C	1C
RPLMKFRM	33	40
RPLMNTAC	A	11
RPLNCOND	41	8
RPLNERAS	40	10

Table 271. Cross Reference for IATYIIW (continued)

Name	Offset	Hex Tag
RPLNEXIT	4C	40
RPLNGRCC	15	10
RPLNIB	4C	4
RPLNOCIR	33	20
RPLNODE	40	2
RPLNOERR	15	0
RPLNOIN	15	38
RPLNOVAS	15	10
RPLNSP	31	1
RPLNXTRP	34	
RPLODACP	43	40
RPLODACQ	43	80
RPLODPRM	43	20
RPLOPNDS	A	17
RPLOPTCD	30	
RPLOPTC2	40	
RPLOPTRL	32	32
RPLOPT1	30	
RPLOPT2	31	
RPLOPT3	32	
RPLOPT4	33	
RPLOPT5	40	
RPLOPT6	41	
RPLOPT7	42	
RPLOPT8	43	
RPLPEND	43	10
RPLPFMTD	A	8
RPLPFMTI	A	9
RPLPHYER	15	C
RPLPHYSC	15	C
RPLPLHPT	C	
RPLPOINT	A	3
RPLPOST	10	40
RPLPSOPT	40	20
RPLPURGE	15	1C
RPLPUT	A	1
RPLQOPT	42	10
RPLQUI	A	1B
RPLQUISE	A	15
RPLRBAR	44	
RPLRCVCD	A	23
RPLRDCR	32	20
RPLRDCRE	32	10
RPLRDNRI	32	40
RPLRDSOH	17	1
RPLREAD	A	1D

Table 271. Cross Reference for IATYIIW (continued)

Name	Offset	Hex Tag
RPLRECOV	A	1A
RPLREOB	17	20
RPLREOM	17	10
RPLREOT	17	8
RPLREQ	A	
RPLRESET	A	12
RPLRETLK	A	19
RPLRLEN	38	
RPLRLG	17	2
RPLRLSOP	42	4
RPLRSRCD	A	24
RPLRSV67	41	2
RPLRSV68	41	1
RPLRSV78	42	1
RPLRSV88	43	1
RPLRTIND	32	4
RPLRTNCD	15	
RPLRTYP	32	8
RPLRTYP1	32	2
RPLRVCMD	A	28
RPLRVID	16	40
RPLSAF	2C	
RPLSDCMD	A	27
RPLSEQ	30	20
RPLSESS	43	8
RPLSFORM	32	40
RPLSKP	30	10
RPLSLICT	A	1E
RPLSMLGO	A	16
RPLSNDCD	A	22
RPLSPECC	15	14
RPLSSCCD	A	25
RPLSSNIN	40	40
RPLSTAT	14	
RPLSTERM	9	12
RPLSTRID	1A	
RPLSTSAV	16	1
RPLSTYP	9	
RPLSVSAM	9	10
RPLSVTAM	9	20
RPLSV32	17	40
RPLSYERR	15	24
RPLS3540	9	40
RPLTCBPT	24	
RPLTCLSS	A	2B
RPLTCRNO	42	2

Table 271. Cross Reference for IATYIIW (continued)

Name	Offset	Hex Tag
RPLTCRYP	4C	8
RPLTERM	A	13
RPLTIME	1A	1A
RPLTOPNS	A	2A
RPLTPOST	42	8
RPLTREQS	A	29
RPLTRMS	A	2C
RPLUINPT	17	80
RPLUNCON	43	2
RPLUPD	31	2
RPLVABND	15	3C
RPLVERIF	A	6
RPLVERRF	A	14
RPLVFY	32	10
RPLVTMNA	15	20
RPLWAIT	10	80
RPLWAITX	31	4
RPLWRITE	A	11
RPLWROPT	40	1
RPLXRBA	33	80
SWAEPA	0	
SWAEPAX	0	
SWAMEPAX	0	
SWAMMEPA	0	
SWASGNID	C	
SWASNVA	0	
SWASNZO	3	
SWBLKID	7	
SWBLKPTR	0	
SWBUFPTR	0	
SWCHNPTR	C	
SWLENGTH	8	
SWLNGTH	8	
SWLVERS	1A	
SWMVERS	D	
SWPFXLTH	18	
SWPFXPTR	14	
SWQMPA	10	
SWROWVA	4	
SWVA	4	
SWVAFW	4	
SWWRTID	7	
ZB505	0	
ZB506	0	

IATYIJS information

IATYIJS programming interface information

The following fields are **NOT** programming interface information:

- IJSDDSTK
- IJSDFLG9
- IJSDSKDP
- IJSDSKVL
- IJSDSSEQ
- IJSGPWRK
- IJSNXDSK
- IJSRELPS
- IJSSWA
- IJSTPDSK

IATYIJS heading information

Common name:	INTERMEDIATE JOB SUMMARY TABLE
Macro ID:	IATYIJS
DSECT name:	IJSENTRY
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	IJS Offset: 8 Length: 4
Storage attributes:	Main Storage: JSAM Buffer Auxiliary Storage: JES3 Spool
Size:	164 Bytes
Created by:	IATIIPR
Pointed to by:	IDDFIJS in IATYIDD IDDCIJS in IATYIDD IDDLIJS in IATYIDD
Serialization:	NONE
Function:	Contains data and status flags used by CI to determine a job's resource requirements.

IATYIJS mapping

Table 272. Structure IJSSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IJSSTART	
0	(0)	BITSTRING	6	IJSTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	IJSCNT	USER COUNT.
8	(8)	CHARACTER	4	IJSID	File id.
12	(C)	BITSTRING	12	IJSCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	IJSVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	IJSDATA(0)	START OF USER DATA AREA.
28	(1C)	SIGNED	2	IJSFIXL	SIZE OF IJS SUM HDR FIXED
30	(1E)	SIGNED	2	IJSLOWE	LOW ENTRY NUMBER
32	(20)	SIGNED	2	IJSHIGHE	HIGH ENTRY NUMBER

Table 272. Structure IJSSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF IJSHFLG1			
34	(22)	BITSTRING	1	IJSHFLG1	IJS HEADER FLAG1
35	(23)	BITSTRING	1	IJSVERSN	VERSION NUMBER
		DEFINITION OF IJSVERSN			
35	(23)	X'1'	0	IJSCURVN	"IJSSP312" CURRENT IJS VERSIION
		1		IJSSP312	"X'01'" IJS IS AT A JES3 SP312 LEVEL
36	(24)	SIGNED	4	IJSFEND(0)	END OF IJS TABLE HEADER
36	(24)	BITSTRING	1	IJSFSIZ(0)	FIXED SIZE OF IJS HEADER

Table 273. Structure IJSENTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IJSENTRY	
0	(0)	SIGNED	2	IJSVARL	SIZE OF THIS IJS ENTRY
		DEFINITION OF IJSENTID			
2	(2)	BITSTRING	1	IJSENTID	STEP ENTRY ID
2	(2)	X'0'	0	IJSNULL	"0" NULL ENTRY
2	(2)	X'4'	0	IJSSTEP	"4" STEP ENTRY
2	(2)	X'8'	0	IJSDD	"8" DD ENTRY
2	(2)	X'10'	0	IJSULIST	"16" UNITNAME LIST ENTRY
		1111 .111		IJSEOB	"X'F7'" END OF BUFFER
		1111 1111		IJSEOF	"X'FF'" END OF ENTIRE IJS
3	(3)	BITSTRING	1	IJSSTPNO	STEP NUMBER
4	(4)	SIGNED	4	IJSSWA	SWA ADDR/TTR OF SCT OR SIOT
8	(8)	SIGNED	2	IJSDDNXT	REL IJS OF NEXT IJS ENTRY
10	(A)	SIGNED	2	IJSSNXT	REL NMBR OF NEXT STEP ENTRY
12	(C)	SIGNED	2	IJSJST	JST REL ENTRY NUMBER
14	(E)	SIGNED	2	IJSRSVD1	RESERVED FOR DEVELOPMENT
16	(10)	CHARACTER	8	IJSSTNM	STEP NAME
24	(18)	CHARACTER	8	IJSPRNM	PROC STEP NAME
32	(20)	SIGNED	2	IJSTPDSK	HEAD OF 1ST DATA SET STACK
		DEFINITION OF IJSSFLG1			
34	(22)	BITSTRING	1	IJSSFLG1	IJS STEP FLAG1
		1...		IJSDSSTK	"X'80'" THE SMS DATA SET STACKING EXIT WAS INVOKED FOR THIS STEP.
		IJS DD ENTRY			
0	(0)	SIGNED	2		IJSVARL SIZE OF THIS IJS ENTRY
2	(2)	BITSTRING	1		IJSENTID DD ENTRY ID
3	(3)	BITSTRING	1		IJSSTPNO STEP NUMBER
4	(4)	SIGNED	4		IJSSWA SWA ADDR/TTR OF SCT OR SIOT
8	(8)	SIGNED	2		IJSDDNXT REL IJS OF NEXT IJS ENTRY

Table 273. Structure IJSENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
10	(A)	SIGNED	2	IJSRPN	IJSSNXT RELATIVE POSITION NUMBER
12	(C)	SIGNED	2		IJSJST JST REL ENTRY NUMBER
14	(E)	SIGNED	2	IJSLVSGA	IJSRSVD1 RELATIVE LVS NO. OF GDG-ALL LVS WHEN A NEW GENERATION IS CREATED AND SPECIFIES VOL=REF TO A CATALOGED DATASET. IJSLVS CONTAINS THE LVS NO. FOR THE VOL=REF
16	(10)	CHARACTER	8	IJSDDNM	IJSSTNM DD NAME
24	(18)	CHARACTER	8	IJSTYPE	IJSPRNM DEVICE TYPE FROM UNIT PARM
32	(20)	CHARACTER	8	IJSDSNQ	DATA SET NAME QUALIFIER
40	(28)	SIGNED	2	IJSVREF	REL IJS FOR VOL=REF=
42	(2A)	SIGNED	2	IJSUAFF	REL IJS FOR UNIT=AFF=
44	(2C)	SIGNED	2	IJSJVT	JVT REL ENTRY NUMBER
46	(2E)	SIGNED	2	IJSRELPS	RELATIVE POSITION OF THIS IJS ENTRY
48	(30)	SIGNED	2	IJSLVS	LVS REL ENTRY NUMBER FOR DD
50	(32)	SIGNED	2	IJSLVSC	LVS REL ENTRY NUMBER FOR CAT
52	(34)	SIGNED	2	IJSNUMUN	NUMBER OF UNITS REQUESTED
54	(36)	SIGNED	2	IJSNOVLS	COUNT OF VOLUMES SPECIFIED
56	(38)	SIGNED	2	IJSNOJVT	COUNT OF VOLUMES IN JVT
58	(3A)	SIGNED	2	IJSVOLCT	VOLCOUNT OF MAX VOLS
60	(3C)	SIGNED	2	IJSVLSEQ	VOLUME SEQUENCE NUMBER
62	(3E)	SIGNED	2	IJSDSSEQ	DATA SET SEQUENCE NUMBER
64	(40)	CHARACTER	1	IJSLABEL	A=AL,B=BLP,N=NL,S=SL,X=NSL
		DEFINITION OF IJSDFLG1 - SUBSET OF JSTDFLG1			
65	(41)	BITSTRING	1	IJSDFLG1	FLAG 1
65	(41)	X'80'	0	IJSTA	"JSTTA" TAPE DEVICE
65	(41)	X'40'	0	IJSDA	"JSTDA" DIRECT ACCESS DEVICE
65	(41)	X'20'	0	IJSUR	"JSTUR" UNIT RECORD DEVICE
65	(41)	X'10'	0	IJSGR	"JSTGR" GRAPHIC DEVICE
65	(41)	X'8'	0	IJSMS	"JSTMS" MSS DEVICE
		DEFINITION OF IJSDFLG2 - SUBSET OF JSTDFLG2			
66	(42)	BITSTRING	1	IJSDFLG2	FLAG 2
66	(42)	X'80'	0	IJSOLD	"JSTOLD" DISP=OLD
66	(42)	X'40'	0	IJSNEW	"JSTNEW" DISP=NEW
66	(42)	X'20'	0	IJSSHR	"JSTSHR" DISP=SHR
66	(42)	X'10'	0	IJSMOD	"JSTMOD" DISP=MOD
66	(42)	X'8'	0	IJSDEFER	"JSTDEFER" UNIT=(,,DEFER) SPECIFIED
66	(42)	X'4'	0	IJSRING	"JSTRING" RING REQUIRED IF TAPE
66	(42)	X'2'	0	IJSSMS	"JSTSMS" DATA SET IS SMS MANAGED
		DEFINITION OF IJSDFLG3 - SUBSET OF JSTDFLG3			
67	(43)	BITSTRING	1	IJSDFLG3	FLAG 3
67	(43)	X'40'	0	IJSDMD	"JSTDMD" DEMAND ALLOCATION
67	(43)	X'20'	0	IJSSCR	"JSTSCR" SCRATCH VOLUME REQUIRED

Table 273. Structure IJSENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF IJSDFLG4: $$$$ SETUNIT TYPE FOR RESOLUTION OF $$$$ DEMAND ALLOCATION OVERRIDES. $$$$			
68	(44)	BITSTRING	1	IJSDFLG4	SETUNIT TYPE FLAG $$$$
		DEFINITION OF IJSDFLG5			
69	(45)	BITSTRING	1	IJSDFLG5	FLAG 5
		1...		IJSDDUM	"X'80'" DUMMY IJS ENTRY
		.1..		IJSPRMRS	"X'40'" PERM RES VOL ON DD
		..1.		IJSMSVGP	"X'20'" 'MSVGP=' SPECIFIED
		...1		IJSGDALL	"X'10'" POTENTIAL GDG-ALL
		.... 1...		IJSUNCAT	"X'08'" DATASET TO BE LOCATED HAS BEEN UNCATALOGED
		.... .1..		IJSLOCPR	"X'04'" IAT4401 ALREADY PRINTED.
		.... ..1.		IJSLCGDG	"X'02'" GDGALL VIA LOCATE ONLY.
		1		IJSLCUAF	"X'01'" DD WHICH REQUIRES LOCATE PROCESSING FOUND IN UNIT AFFINITY CHAIN. PRESCAN SHOULD BYPASS SECONDARY UNIT AFFINITY PROCESSING FOR THE REMAINING DD'S IN THE UNIT AFFINITY CHAIN.
		DEFINITION OF IJSDFLG6			
70	(46)	BITSTRING	1	IJSDFLG6	FLAG 6
		1...		IJSDUNAF	"X'80'" UNIT=AFF=DD SPECIFIED
		.1..		IJSDVRDD	"X'40'" VOL=REF=DD SPECIFIED
		..1.		IJSDVRDS	"X'20'" VOL=REF=DSN SPECIFIED
		...1		IJSDAFFD	"X'10'" UNIT AFF TO THIS DD
		.... 1...		IJSPRDEL	"X'08'" DATA SET HAS BEEN DELETED 0305 IN A PREVIOUS STEP 0305
		.... .1..		IJSCRDEL	"X'04'" DATA SET IS DELETED OR 0305 UNPASSED BY THIS DD 0305
		.... ..1.		IJSVRPAS	"X'02'" PASSED DATASET
		1		IJSDPAR	"X'01'" PARALLEL MOUNT REQUEST
		DEFINITION OF IJSDFLG7			
71	(47)	BITSTRING	1	IJSDFLG7	FLAG 7
		1...		IJSDPCAT	"X'80'" POTENTIAL CATLG REQUEST
		.1..		IJSDISAM	"X'40'" DSORG=IS SPECIFIED
		..1.		IJSDCCAT	"X'20'" CONCATENATED DD REQ
		...1		IJSDGDSN	"X'10'" GENERATED DSN
		.... 1...		IJSDJOBL	"X'08'" JOBLIB DD REQUEST
		.... .1..		IJSDJSCT	"X'04'" JOBCAT/STEPCAT REQUEST
		.... ..1.		IJSDCATC	"X'02'" CONCATENATED PRIV CATLG
		1		IJSDGDGS	"X'01'" GDG SINGLE REQUEST
		DEFINITION OF IJSDFLG8			
72	(48)	BITSTRING	1	IJSDFLG8	FLAG 8

Table 273. Structure IJSENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		IJSDNOSC	"X'80'" NON-SCR VOLS PRESENT
		.1..		IJSDNODL	"X'40'" NO DELETE (KEEP MSG ONLY)
		..1.		IJSDSPR	"X'20'" PROCESSED DATA SET
		...1		IJSJOBC	"X'10'" JOBCAT DD
		.... 1...		IJSDEFUN	"X'08'" THE UNIT TYPE FOR THIS ENTRY IS A DEFAULT THAT WAS SUPPLIED BY SMS IDAX.
		.... .1..		IJSLCGND	"X'04'" LOCATE GENERATED ENTRY
		.... ..1.		IJSPRIV	"X'02'" PRIVATE WAS SPECIFIED
		1		IJSDALL	"X'01'" SBSEQNT SCRTCH DSK OK
73	(49)	BITSTRING	1	IJSDSIZE(0)	LENGTH OF DSNAME
73	(49)	CHARACTER	45	IJSDSNAM	DATASET NAME
118	(76)	SIGNED	2	IJS2UNAF	RELATIVE IJS NUMBER FOR SECONDARY UNIT AFFINITY PROCESSING THIS CHAIN REPRESENTS DD'S WHICH HAVE SPECIFIED UNIT AFFINITY TO ANOTHER DD BUT WHOSE DEVICE TYPES ARE NOT COMPATIBLE WITH THE PRIMARY DD (THE INNERMOST DD THAT DOES NOT CONTAIN A UNIT AFFINITY REQUEST TO ANOTHER DD). WHEN ANOTHER DD SPECIFIES UNIT AFFINITY TO THIS DD AND NEEDS AN INCOMPATIBLE DEVICE TYPE, THE 2NDARY UNIT AFFINITY CHAIN STARTING WITH THE PRIMARY DD'S IJS IS SEARCHED TO DETERMINE IF ANOTHER IJS EXISTS WITH A COMPATIBLE DEVICE TYPE. IF SO, A UNIT AFFINITY IS CREATED WITH THE NEW IJS.
120	(78)	BITSTRING	1	IJSMEDIA	MEDIA TYPE OF REQUEST
121	(79)	BITSTRING	2	IJSDRSV2	RESERVED FOR SERVICE
		DEFINITION OF IJSDFLG9			
123	(7B)	BITSTRING	1	IJSDFLG9	FLAG 9
		1...		IJSSMSMM	"X'80'" SMS MANAGED MOUNTABLE
		.1..		IJSURORD	"X'40'" UNIT AFFINITY WAS INVALID. THE AFF'ING DD HAS TO USE THE UNIT ON THE AFF'D DD OR AN EDTINFO DEFAULT.
		..1.		IJSCATUN	"X'20'" UNIT NAME CAME FROM THE CATALOG
		...1		IJSAFOLD	"X'10'" THIS REQUEST (OR ONE THAT IT REFERENCES) SPECIFIES UNIT AFFINITY TO A REQUEST IN WHICH DISP IS NOT NEW
		.... 1...		IJSUASSI	"X'08'" SMS UNIT AFF SSI INVOKED
		.... .1..		IJSLIST	"X'04'" THERE'S A UNIT NAME LIST FOR THIS ENTRY
		.... ..1.		IJSSMSHN	"X'02'" SMSHONOR JCL KEYWORD SPEC'D
		1		IJSGDGBS	"X'01'" GDGBIAS=STEP for this job
		THIS IS A GENERAL PURPOSE WORK FIELD. THIS COMMENT SHOULD BE UPDATED WHEN THERE IS A NEW USE. CURRENT USES: - IATIIP0X - USES THE FIELD TO SAVE THE VALUE OF THE UNIT PARAMETER ON THE DD STATEMENT WHEN THE DATA SET IN THE DD IS CATALOGED AND SMS MANAGED. THIS IS DONE SO THAT IF A DD UNIT AFF'S BACK TO THIS DD, THE UNIT IN THE JCL CAN BE USED, INSTEAD OF THE SMS CATALOG UNIT.			
124	(7C)	CHARACTER	8	IJSGPWRK	GENERAL PURPOSE WORK FIELD

Table 273. Structure IJSENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
132	(84)	ADDRESS	4	IJSP0TGD	TEMPORARY CHAIN OF NEW GDG SINGLE DATA SETS. BUILT AND DELETED BY IATIIP0.
136	(88)	SIGNED	2	IJSNXDSK	NEXT DATA SET STACK
138	(8A)	SIGNED	2	IJSDDSTK	NEXT DD ON THE CURRENT DATA SET STACK.
140	(8C)	CHARACTER	8	IJSSMSUT	SMS MANAGED MOUNTABLE UNIT NAME
148	(94)	SIGNED	2	IJSDSKVL	ENTRY NUMBER IN VOLUME SERIAL TABLE
150	(96)	SIGNED	2	IJSDSKDP	RELATIVE DISPLACEMENT FROM TOP OF VOLUME SERIAL TABLE
152	(98)	SIGNED	2	IJSIMUAF	SPECIFIED AFF'D DD'S IJS ID
154	(9A)	SIGNED	2	IJSLSTEN	INDEX OF UNITNAME LIST ENTRY
156	(9C)	CHARACTER	4	IJSGDGNB	GDG single data set qualifier before GDG bias adjustment
160	(A0)	BITSTRING	4	IJSTRSV3	RESERVED FOR DEVELOPMENT
		IJS MANAGED MOUNTABLE UNIT LIST ENTRY			
0	(0)	SIGNED	2		IJSVARL SIZE OF THIS IJS ENTRY
2	(2)	BITSTRING	1		IJSENTID UNIT LIST ENTRY ID
3	(3)	BITSTRING	1		IJSSTPNO STEP NUMBER
4	(4)	SIGNED	4		IJSSWA INDEX OF DD ENTRY
8	(8)	SIGNED	2		IJSDDNXT REL IJS OF NEXT IJS ENTRY
10	(A)	SIGNED	2	IJSLSNXT	IJSSNXT NEXT LIST ENTRY FOR DD
		THE FOLLOWING NAME/FLAG FIELDS ARE REPEATED FOR EACH UNITNAME IN THE LIST ENTRY. IF THERE ARE MORE NAMES THAN WILL FIT IN AN ENTRY, ADDITIONAL ENTRIES WILL BE CREATED.			
12	(C)	CHARACTER	8	IJSULNAM	UNIT NAME
20	(14)	CHARACTER	1	IJSULFL1	FLAG
		1...		IJSULAST	"X'80'" LAST UNIT NAME FOR REQUEST
		.1..		IJSELAST	"X'40'" LAST UNIT NAME IN THIS UNIT NAME LIST ENTRY
21	(15)	CHARACTER	1	IJSULFL2	FLAG
22	(16)	SIGNED	2	IJSLEND(0)	END OF NAME AND ASSOC FLAGS
22	(16)	BITSTRING	0	IJSLSIZE(0)	LENGTH OF NAME/FLAGS
164	(A4)	SIGNED	4	IJSVEND(0)	END OF FULL ENTRY
164	(A4)	BITSTRING	1	IJSVSIZ(0)	SIZE OF FULL ENTRY

Table 274. Cross Reference for IATYIJS

Name	Offset	Hex Tag
IJSAFOLD	7B	10
IJSCATUN	7B	20
IJSCHN	C	0
IJSCNT	6	0
IJSCRDEL	46	4
IJSCURVN	23	1
IJSDA	41	40
IJSDAFFD	46	10

Table 274. Cross Reference for IATYIJS (continued)

Name	Offset	Hex Tag
IJSDALL	48	1
IJSDATA	1C	
IJSDCATC	47	2
IJSDCCAT	47	20
IJSDD	2	8
IJSDDNM	10	
IJSDDNXT	8	
IJSDDSTK	8A	
IJSDDUM	45	80
IJSDEFER	42	8
IJSDEFUN	48	8
IJSDFLG1	41	
IJSDFLG2	42	
IJSDFLG3	43	
IJSDFLG4	44	
IJSDFLG5	45	
IJSDFLG6	46	
IJSDFLG7	47	
IJSDFLG8	48	
IJSDFLG9	7B	
IJSDGDGS	47	1
IJSDGDSN	47	10
IJSDISAM	47	40
IJSDJOBL	47	8
IJSDJSCT	47	4
IJSDMD	43	40
IJSDNODL	48	40
IJSDNOSC	48	80
IJSDPAR	46	1
IJSDPCAT	47	80
IJSDRSV2	79	
IJSDSIZE	49	
IJSDSKDP	96	
IJSDSKVL	94	
IJSDSNAM	49	
IJSDSNQ	20	
IJSDSPR	48	20
IJSDSSEQ	3E	
IJSDSSTK	22	80
IJSDUNAF	46	80
IJSDVRDD	46	40
IJSDVRDS	46	20
IJSELAST	14	40
IJSENTID	2	
IJSENTRY	0	
IJSEOB	2	F7

Table 274. Cross Reference for IATYIJS (continued)

Name	Offset	Hex Tag
IJSEOF	2	FF
IJSFEND	24	
IJSFIXL	1C	
IJSFSIZ	24	
IJSGDALL	45	10
IJSGDGBS	7B	1
IJSGDGNB	9C	40404040
IJSGPWRK	7C	
IJSGR	41	10
IJSHFLG1	22	
IJSHIGHE	20	
IJSID	8	C9D1E240
IJSIMUAF	98	
IJSJOBC	48	10
IJSJST	C	
IJSJVT	2C	
IJSLABEL	40	
IJSLCGDG	45	2
IJSLCGND	48	4
IJSLCUAF	45	1
IJSLEND	16	
IJSLIST	7B	4
IJSLOCPR	45	4
IJSLOWE	1E	
IJSLSIZE	16	
IJSLSNXT	A	
IJSLSTEN	9A	
IJSLVS	30	
IJSLVSC	32	
IJSLVSGA	E	
IJSMEDIA	78	
IJSMOD	42	10
IJSMS	41	8
IJSMSVGP	45	20
IJSNEW	42	40
IJSNOJVT	38	
IJSNOVLS	36	
IJSNULL	2	0
IJSNUMUN	34	
IJSNXDSK	88	
IJSOLD	42	80
IJSPRDEL	46	8
IJSPRIV	48	2
IJSPRMRS	45	40
IJSPRNM	18	
IJSP0TGD	84	

Table 274. Cross Reference for IATYIJS (continued)

Name	Offset	Hex Tag
IJSRELPS	2E	
IJSRING	42	4
IJSRPN	A	
IJSRSVD1	E	
IJSSCR	43	20
IJSSFLG1	22	
IJSSHR	42	20
IJSSMS	42	2
IJSSMSHN	7B	2
IJSSMSMM	7B	80
IJSSMSUT	8C	
IJSSNXT	A	
IJSSP312	23	1
IJSSTART	0	
IJSSTEP	2	4
IJSSTNM	10	
IJSSTPNO	3	
IJSSWA	4	
IJSTA	41	80
IJSTPDSK	20	
IJSTRK	0	0
IJSTRSV3	A0	
IJSTYPE	18	
IJSUAFF	2A	
IJSUASSI	7B	8
IJSULAST	14	80
IJSULFL1	14	
IJSULFL2	15	
IJSULIST	2	10
IJSULNAM	C	
IJSUNCAT	45	8
IJSUR	41	20
IJSURORD	7B	40
IJSVARL	0	
IJSVEND	A4	
IJSVERSN	23	
IJSVLID	18	0
IJSVLSEQ	3C	
IJSVOLCT	3A	
IJSVREF	28	
IJSVRPAS	46	2
IJSVSIZ	A4	
IJS2UNAF	76	

IATYIMCL information

IATYIMCL heading information

Common name:	Intermediate CLASS record
Macro ID:	IATYIMCL
DSECT name:	IMCLSTRT
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	WLM Offset: 0 Length: 4
Storage attributes:	Main Storage: Any Auxiliary Storage: JES3 Spool Subpool: 0 Key: 0
Size:	IMCLSIZE bytes
Created by:	IATINCL
Pointed to by:	None
Serialization:	None
Function:	This macro maps the spooled intermediate text from the CLASS initialization statement.

IATYIMCL mapping

Table 275. Structure IMCSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IMCSTART	
		Fields in this table initialized to values other than 0 contain the initialized value in spooled records in previous releases of JES3. Do not use these fields. If IATINCL code is changed to use any of them, IATINM2 will incorrectly think that IATINCL set these values according to some initialization parameter, but this is not necessarily true. The value could just have been residual from a previous release's initialized copy of the spool record.			
0	(0)	CHARACTER	8	IMCNAME	Job class name
8	(8)	SIGNED	2	IMCTLCNT	Count of TLIMITs
10	(A)	SIGNED	2	IMCMLCNT	Count of MLIMITs
12	(C)	SIGNED	2	IMCMLMN	Count of mains with MLIMITs
14	(E)	BITSTRING	1	IMCRSV01	Reserved for development
15	(F)	BITSTRING	1	IMCRSV02	Reserved for development
16	(10)	BITSTRING	1	IMCRSV03	Reserved for development
17	(11)	BITSTRING	1	IMCSDEPT	Maximum allowed in SETUP
18	(12)	BITSTRING	1	IMCTDEPT	Maximium allowed executing
19	(13)	BITSTRING	1		Maps to MCCPTYPE, do not use
20	(14)	BITSTRING	1	IMCIORAT	Job I/O rate
21	(15)	BITSTRING	1	IMCPRTY	Job priority
22	(16)	BITSTRING	1	IMCFAIL	Job FAILURE option
23	(17)	BITSTRING	1		Reserved - do not use
24	(18)	BITSTRING	1	IMCRSV04	Reserved for development
25	(19)	BITSTRING	1	IMCLSPHH	SPIN hour or interval
26	(1A)	BITSTRING	1	IMCLSPMM	SPIN minute or interval

Table 275. Structure IMCSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
27	(1B)	BITSTRING	1	IMCOPTFL	Class options flag, same as MCOPTFLG in IATYMCL
28	(1C)	BITSTRING	1	IMCFLAG2	Flag byte 2, same as MCFLAG2 in IATYMCL
29	(1D)	BITSTRING	1	IMCLSTRR	LSTOR reduction ratio
30	(1E)	SIGNED	2	IMCRESU1	Reserved for user
32	(20)	SIGNED	4		These fields map to areas on
36	(24)	SIGNED	4		spool records that contain FF's in earlier releases. Do not use these fields. If these fields are used their settings will be incorrectly recognized.
40	(28)	BITSTRING	1	IMCCISFL	CI Scheduling flag byte Same as MCCISFLG in IATYMCL
41	(29)	BITSTRING	1	IMCINFLG	Class table initialization flags, same as MCINFLG in IATYMCL
42	(2A)	SIGNED	2	IMCRSV09	Reserved for development
44	(2C)	CHARACTER	8	IMCSPNM	Spool partition name
52	(34)	SIGNED	2	IMCSPLNI	SPIN line interval
54	(36)	BITSTRING	1	IMCSTRG1	Primary TRKGRP allocation
55	(37)	BITSTRING	1	IMCSTRG2	Secondary TRKGRP Allocation
56	(38)	SIGNED	4	IMCRSVS2	Reserved for service
60	(3C)	SIGNED	4	IMCRESU2	Reserved for user
64	(40)	CHARACTER	8	IMCGNAME	Job class group name
72	(48)	SIGNED	4	IMCEND(0)	End of spooled record
72	(48)	X'48'	0	IMCSIZE	"IMCEND-IMCSTART" Size of spooled record

Table 276. Structure MDTABLE

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	MDTABLE	
0	(0)	CHARACTER	8	MDCNAME	Class defining the entry
8	(8)	CHARACTER	8	MDMNAME	Main processor name
16	(10)	CHARACTER	1	MDMDEPTH	Class depth value on main

Table 277. Structure MLTABLE

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	MLTABLE	
0	(0)	CHARACTER	8	MLCCNAME	Class defining the entry
8	(8)	CHARACTER	8	MLMNAME	Main processor name
16	(10)	CHARACTER	8	MLCNAME	Limiting class name
24	(18)	CHARACTER	1	MLLIMIT	Maximum allowed executing jobs in the limiting class
25	(19)	BITSTRING	1	MLEND(0)	End of table
25	(19)	BITSTRING	1	MLSIZE(0)	Size of table

Table 278. Structure MCSTABLE

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	MCSTABLE	
0	(0)	CHARACTER	8	MCCNAME	Class defining the entry
8	(8)	CHARACTER	9	MCMNAME	System name

```
IATYIMCL already generated
```

Table 279. Cross Reference for IATYIMCL

Name	Offset	Hex Tag
IMCCISFL	28	0
IMCEND	48	
IMCFAIL	16	FF
IMCFLAG2	1C	0
IMCGNAME	40	40404040
IMCINFLG	29	0
IMCIORAT	14	FF
IMCLSPHH	19	0
IMCLSPMM	1A	0
IMCLSTRR	1D	0
IMCMLCNT	A	0
IMCMLMN	C	0
IMCNAME	0	40404040
IMCOPTFL	1B	0
IMCPRTY	15	FF
IMCRESU1	1E	0
IMCRESU2	3C	0
IMCRSVS2	38	0
IMCRSV01	E	0
IMCRSV02	F	0
IMCRSV03	10	0
IMCRSV04	18	0
IMCRSV09	2A	0
IMCSDEPT	11	FF
IMCSIZE	48	48
IMCSPLNI	34	0
IMCSPNM	2C	40404040
IMCSTART	0	
IMCSTRG1	36	0
IMCSTRG2	37	0
IMCTDEPT	12	FF
IMCTLCNT	8	0
MCCNAME	0	40404040
MCMNAME	8	40404040
MCSTABLE	0	
MDCNAME	0	40404040
MDMDEPTH	10	40

Table 279. Cross Reference for IATYIMCL (continued)

Name	Offset	Hex Tag
MDMNAME	8	40404040
MDTABLE	0	
MLCCNAME	0	40404040
MLCNAME	10	40404040
MLEND	19	
MLLIMIT	18	40
MLMNAME	8	40404040
MLSIZE	19	
MLTABLE	0	

IATYINC information

IATYINC heading information

Common name: Intermediate Console Status Table

Macro ID: IATYINC

DSECT name: IATYINC --Intermediate Console Table

Owning component: JES3 (SC1BA)

Eye-catcher ID: YINC
Offset: 0
Length: 4
Language: PL/X

Storage attributes: Main Storage: 39
Virtual Storage: 39
Auxiliary Storage: 39
Subpool: N/A
Key: 1
Data Space: N/A
Residency: any
Frequency: one per remote console

Size: 39

Created by: IATINC1

Pointed to by: Spool ID Entries INTCORID

Serialization: none

Function: Contains the information required to build the remote consoles during JES3 initialization.

IATYINC mapping

Table 280. Structure IATYINC

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATYINC	IATYINC.270: Intermediate Console Table
0	(0)	CHARACTER	4	INCEYE	IATYINC.93: Control Block Eyecatcher
4	(4)	SIGNED	4	INCVERS	IATYINC.99: Control Block Version
8	(8)	SIGNED	2	INCLEN	IATYINC.146: Length of the intermediate console table entry
10	(A)	CHARACTER	8	CNDDNAME	IATYINC.105: Console Name
18	(12)	CHARACTER	17	CNROUTE(0)	IATYINC.117: Route code mask
18	(12)	CHARACTER	17	RC_MASK(0)	JESDCONS.373: Route code mask with the additional JES3 routing attributes

Table 280. Structure IATYINC (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
18	(12)	CHARACTER	1	RC_MASK_BYTE_1(0)	JESDCONS.1320: Route code mask byte 1
		1...		RC1	"X'80'" JESDCONS.231: Route code 1
		.1..		RC2	"X'40'" JESDCONS.237: Route code 2
		..1.		RC3	"X'20'" JESDCONS.243: Route code 3
		...1		RC4	"X'10'" JESDCONS.313: Route code 4
		.... 1...		RC5	"X'08'" JESDCONS.319: Route code 5
		.... .1..		RC6	"X'04'" JESDCONS.383: Route code 6
		.... ..1.		RC7	"X'02'" JESDCONS.389: Route code 7
		1		RC8	"X'01'" JESDCONS.395: Route code 8
19	(13)	CHARACTER	1	RC_MASK_BYTE_2(0)	JESDCONS.1426: Route code mask byte 1
		1...		RC9	"X'80'" JESDCONS.401: Route code 9
		.1..		RC10	"X'40'" JESDCONS.407: Route code 10
		..1.		RC11	"X'20'" JESDCONS.413: Route code 11
		...1		RC12	"X'10'" JESDCONS.419: Route code 12
		.... 1...		RC13	"X'08'" JESDCONS.425: Route code 13
		.... .1..		RC14	"X'04'" JESDCONS.431: Route code 14
		.... ..1.		RC15	"X'02'" JESDCONS.437: Route code 15
		1		RC16	"X'01'" JESDCONS.443: Route code 16
20	(14)	CHARACTER	1	RC_MASK_BYTE_3(0)	JESDCONS.1430: Route code mask byte 1
		1...		RC17	"X'80'" JESDCONS.449: Route code 17
		.1..		RC18	"X'40'" JESDCONS.455: Route code 18
		..1.		RC19	"X'20'" JESDCONS.461: Route code 19
		...1		RC20	"X'10'" JESDCONS.467: Route code 20
		.... 1...		RC21	"X'08'" JESDCONS.473: Route code 21
		.... .1..		RC22	"X'04'" JESDCONS.479: Route code 22
		.... ..1.		RC23	"X'02'" JESDCONS.485: Route code 23
		1		RC24	"X'01'" JESDCONS.491: Route code 24
21	(15)	CHARACTER	1	RC_MASK_BYTE_4(0)	JESDCONS.1437: Route code mask byte 1
		1...		RC25	"X'80'" JESDCONS.497: Route code 25
		.1..		RC26	"X'40'" JESDCONS.503: Route code 26
		..1.		RC27	"X'20'" JESDCONS.509: Route code 27
		...1		RC28	"X'10'" JESDCONS.515: Route code 28
		.... 1...		RC29	"X'08'" JESDCONS.521: Route code 29
		.... .1..		RC30	"X'04'" JESDCONS.527: Route code 30
		.... ..1.		RC31	"X'02'" JESDCONS.533: Route code 31
		1		RC32	"X'01'" JESDCONS.539: Route code 32
22	(16)	CHARACTER	1	RC_MASK_BYTE_5(0)	JESDCONS.1443: Route code mask byte 1
		1...		RC33	"X'80'" JESDCONS.545: Route code 33
		.1..		RC34	"X'40'" JESDCONS.551: Route code 34
		..1.		RC35	"X'20'" JESDCONS.557: Route code 35
		...1		RC36	"X'10'" JESDCONS.563: Route code 36
		.... 1...		RC37	"X'08'" JESDCONS.569: Route code 37
		.... .1..		RC38	"X'04'" JESDCONS.575: Route code 38
		.... ..1.		RC39	"X'02'" JESDCONS.581: Route code 39
		1		RC40	"X'01'" JESDCONS.587: Route code 40

Table 280. Structure IATYINC (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
23	(17)	CHARACTER	1	RC_MASK_BYTE_6(0)	JESDCONS.1449: Route code mask byte 1
		1...		RC41	"X'80'" JESDCONS.593: Route code 41
		.1..		RC42	"X'40'" JESDCONS.599: Route code 42
		..1.		RC43	"X'20'" JESDCONS.605: Route code 43
		...1		RC44	"X'10'" JESDCONS.611: Route code 44
		.... 1...		RC45	"X'08'" JESDCONS.617: Route code 45
		.... .1..		RC46	"X'04'" JESDCONS.623: Route code 46
		.... ..1.		RC47	"X'02'" JESDCONS.629: Route code 47
		1		RC48	"X'01'" JESDCONS.635: Route code 48
24	(18)	CHARACTER	1	RC_MASK_BYTE_7(0)	JESDCONS.1455: Route code mask byte 1
		1...		RC49	"X'80'" JESDCONS.641: Route code 49
		.1..		RC50	"X'40'" JESDCONS.647: Route code 50
		..1.		RC51	"X'20'" JESDCONS.653: Route code 51
		...1		RC52	"X'10'" JESDCONS.659: Route code 52
		.... 1...		RC53	"X'08'" JESDCONS.665: Route code 53
		.... .1..		RC54	"X'04'" JESDCONS.671: Route code 54
		.... ..1.		RC55	"X'02'" JESDCONS.677: Route code 55
		1		RC56	"X'01'" JESDCONS.683: Route code 56
25	(19)	CHARACTER	1	RC_MASK_BYTE_8(0)	JESDCONS.1461: Route code mask byte 1
		1...		RC57	"X'80'" JESDCONS.689: Route code 57
		.1..		RC58	"X'40'" JESDCONS.695: Route code 58
		..1.		RC59	"X'20'" JESDCONS.701: Route code 59
		...1		RC60	"X'10'" JESDCONS.707: Route code 60
		.... 1...		RC61	"X'08'" JESDCONS.713: Route code 61
		.... .1..		RC62	"X'04'" JESDCONS.719: Route code 62
		.... ..1.		RC63	"X'02'" JESDCONS.725: Route code 63
		1		RC64	"X'01'" JESDCONS.731: Route code 64
26	(1A)	CHARACTER	1	RC_MASK_BYTE_9(0)	JESDCONS.1467: Route code mask byte 1
		1...		RC65	"X'80'" JESDCONS.737: Route code 65
		.1..		RC66	"X'40'" JESDCONS.743: Route code 66
		..1.		RC67	"X'20'" JESDCONS.749: Route code 67
		...1		RC68	"X'10'" JESDCONS.755: Route code 68
		.... 1...		RC69	"X'08'" JESDCONS.761: Route code 69
		.... .1..		RC70	"X'04'" JESDCONS.767: Route code 70
		.... ..1.		RC71	"X'02'" JESDCONS.773: Route code 71
		1		RC72	"X'01'" JESDCONS.779: Route code 72
27	(1B)	CHARACTER	1	RC_MASK_BYTE_10(0)	JESDCONS.1473: Route code mask byte 10
		1...		RC73	"X'80'" JESDCONS.785: Route code 73
		.1..		RC74	"X'40'" JESDCONS.791: Route code 74
		..1.		RC75	"X'20'" JESDCONS.797: Route code 75
		...1		RC76	"X'10'" JESDCONS.803: Route code 76
		.... 1...		RC77	"X'08'" JESDCONS.809: Route code 77
		.... .1..		RC78	"X'04'" JESDCONS.815: Route code 78
		.... ..1.		RC79	"X'02'" JESDCONS.821: Route code 79
		1		RC80	"X'01'" JESDCONS.827: Route code 80

Table 280. Structure IATYINC (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
28	(1C)	CHARACTER	1	RC_MASK_BYTE_11(0)	JESDCONS.1479: Route code mask byte 11
		1...		RC81	"X'80'" JESDCONS.833: Route code 81
		.1..		RC82	"X'40'" JESDCONS.839: Route code 82
		..1.		RC83	"X'20'" JESDCONS.845: Route code 83
		...1		RC84	"X'10'" JESDCONS.851: Route code 84
		.... 1...		RC85	"X'08'" JESDCONS.857: Route code 85
		.... .1..		RC86	"X'04'" JESDCONS.863: Route code 86
		.... ..1.		RC87	"X'02'" JESDCONS.869: Route code 87
		1		RC88	"X'01'" JESDCONS.875: Route code 88
29	(1D)	CHARACTER	1	RC_MASK_BYTE_12(0)	JESDCONS.1485: Route code mask byte 12
		1...		RC89	"X'80'" JESDCONS.881: Route code 89
		.1..		RC90	"X'40'" JESDCONS.887: Route code 90
		..1.		RC91	"X'20'" JESDCONS.893: Route code 91
		...1		RC92	"X'10'" JESDCONS.899: Route code 92
		.... 1...		RC93	"X'08'" JESDCONS.905: Route code 93
		.... .1..		RC94	"X'04'" JESDCONS.911: Route code 94
		.... ..1.		RC95	"X'02'" JESDCONS.917: Route code 95
		1		RC96	"X'01'" JESDCONS.923: Route code 96
30	(1E)	CHARACTER	1	RC_MASK_BYTE_13(0)	JESDCONS.1491: Route code mask byte 13
		1...		RC97	"X'80'" JESDCONS.929: Route code 97
		.1..		RC98	"X'40'" JESDCONS.935: Route code 98
		..1.		RC99	"X'20'" JESDCONS.941: Route code 99
		...1		RC100	"X'10'" JESDCONS.947: Route code 100
		.... 1...		RC101	"X'08'" JESDCONS.953: Route code 101
		.... .1..		RC102	"X'04'" JESDCONS.959: Route code 102
		.... ..1.		RC103	"X'02'" JESDCONS.965: Route code 103
		1		RC104	"X'01'" JESDCONS.971: Route code 104
31	(1F)	CHARACTER	1	RC_MASK_BYTE_14(0)	JESDCONS.1497: Route code mask byte 14
		1...		RC105	"X'80'" JESDCONS.977: Route code 105
		.1..		RC106	"X'40'" JESDCONS.983: Route code 106
		..1.		RC107	"X'20'" JESDCONS.989: Route code 107
		...1		RC108	"X'10'" JESDCONS.995: Route code 108
		.... 1...		RC109	"X'08'" JESDCONS.1001: Route code 109
		.... .1..		RC110	"X'04'" JESDCONS.1007: Route code 110
		.... ..1.		RC111	"X'02'" JESDCONS.1013: Route code 111
		1		RC112	"X'01'" JESDCONS.1019: Route code 112
32	(20)	CHARACTER	1	RC_MASK_BYTE_15(0)	JESDCONS.1503: Route code mask byte 15
		1...		RC113	"X'80'" JESDCONS.1025: Route code 113
		.1..		RC114	"X'40'" JESDCONS.1031: Route code 114
		..1.		RC115	"X'20'" JESDCONS.1037: Route code 115
		...1		RC116	"X'10'" JESDCONS.1043: Route code 116
		.... 1...		RC117	"X'08'" JESDCONS.1049: Route code 117

Table 280. Structure IATYINC (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... .1..		RC118	"X'04'" JESDCONS.1055: Route code 118
		.... ..1.		RC119	"X'02'" JESDCONS.1061: Route code 119
		1		RC120	"X'01'" JESDCONS.1067: Route code 120
33	(21)	CHARACTER	1	RC_MASK_BYTE_16(0)	JESDCONS.1509: Route code mask byte 16
		1...		RC121	"X'80'" JESDCONS.1073: Route code 121
		.1..		RC122	"X'40'" JESDCONS.1079: Route code 122
		..1.		RC123	"X'20'" JESDCONS.1085: Route code 123
		...1		RC124	"X'10'" JESDCONS.1091: Route code 124
		.... 1...		RC125	"X'08'" JESDCONS.1097: Route code 125
		.... .1..		RC126	"X'04'" JESDCONS.1103: Route code 126
		.... ..1.		RC127	"X'02'" JESDCONS.1109: Route code 127
		1		RC128	"X'01'" JESDCONS.1115: Route code 128
34	(22)	CHARACTER	1	RC_MASK_BYTE_17(0)	JESDCONS.1515: Route code mask byte 17
		1...		BROADCAST	"X'80'" JESDCONS.1121: Broadcast
		.1..		HARDCOPY	"X'40'" JESDCONS.1127: HARDCOPY LOG
35	(23)	BITSTRING	1	CNLEVEL	IATYINC.123: Console Authority Level
36	(24)	BITSTRING	1	CNLLEN	IATYINC.140: Console Line Length
37	(25)	BITSTRING	1	FLAG1(0)	IATYINC.129: Flag byte
		1...		INCF1R80	"X'80'" IATYINC.347: Reserved for IBM
		.1..		JES3ONLY	"X'40'" IATYINC.353: The console is a JES3 only console
		..1.		SAVEMSG	"X'20'" IATYINC.359: Messages should be saved while the workstation is logged off
		...1		INCF1R10	"X'10'" IATYINC.193: Reserved for IBM
		.... 1...		INCF1R08	"X'08'" IATYINC.245: Reserved for IBM
		.... .1..		INCF1R04	"X'04'" IATYINC.199: Reserved for IBM
		.... ..1.		INCF1R02	"X'02'" IATYINC.198: Reserved for IBM
		1		INCF1R01	"X'01'" IATYINC.114: Reserved for IBM
38	(26)	BITSTRING	1	CNTYPE(0)	IATYINC.204: Type of console
		1...		RJP	"X'80'" IATYINC.210: TYPE=RJP console
38	(26)	X'1'	0	INC313	"1" IATYINC.301: Equate for HJS3313
38	(26)	X'2'	0	INC521	"2" IATYINC.310: Equate for HJS5521
39	(27)	X'27'	0	IATYINC_LEN	"*-IATYINC"

Table 281. Cross Reference for IATYINC

Name	Offset	Hex Tag
BROADCAST	22	80
CNDDNAME	A	
CNLEVEL	23	
CNLLEN	24	
CNROUTE	12	
CNTYPE	26	
FLAG1	25	
HARDCOPY	22	40

Table 281. Cross Reference for IATYINC (continued)

Name	Offset	Hex Tag
IATYINC	0	
IATYINC_LEN	27	27
INCEYE	0	
INCF1R01	25	1
INCF1R02	25	2
INCF1R04	25	4
INCF1R08	25	8
INCF1R10	25	10
INCF1R80	25	80
INCLEN	8	
INCVERS	4	
INC313	26	1
INC521	26	2
JES3ONLY	25	40
RC_MASK	12	
RC_MASK_BYTE_1	12	
RC_MASK_BYTE_10	1B	
RC_MASK_BYTE_11	1C	
RC_MASK_BYTE_12	1D	
RC_MASK_BYTE_13	1E	
RC_MASK_BYTE_14	1F	
RC_MASK_BYTE_15	20	
RC_MASK_BYTE_16	21	
RC_MASK_BYTE_17	22	
RC_MASK_BYTE_2	13	
RC_MASK_BYTE_3	14	
RC_MASK_BYTE_4	15	
RC_MASK_BYTE_5	16	
RC_MASK_BYTE_6	17	
RC_MASK_BYTE_7	18	
RC_MASK_BYTE_8	19	
RC_MASK_BYTE_9	1A	
RC1	12	80
RC10	13	40
RC100	1E	10
RC101	1E	8
RC102	1E	4
RC103	1E	2
RC104	1E	1
RC105	1F	80
RC106	1F	40
RC107	1F	20
RC108	1F	10
RC109	1F	8
RC11	13	20
RC110	1F	4

Table 281. Cross Reference for IATYINC (continued)

Name	Offset	Hex Tag
RC111	1F	2
RC112	1F	1
RC113	20	80
RC114	20	40
RC115	20	20
RC116	20	10
RC117	20	8
RC118	20	4
RC119	20	2
RC12	13	10
RC120	20	1
RC121	21	80
RC122	21	40
RC123	21	20
RC124	21	10
RC125	21	8
RC126	21	4
RC127	21	2
RC128	21	1
RC13	13	8
RC14	13	4
RC15	13	2
RC16	13	1
RC17	14	80
RC18	14	40
RC19	14	20
RC2	12	40
RC20	14	10
RC21	14	8
RC22	14	4
RC23	14	2
RC24	14	1
RC25	15	80
RC26	15	40
RC27	15	20
RC28	15	10
RC29	15	8
RC3	12	20
RC30	15	4
RC31	15	2
RC32	15	1
RC33	16	80
RC34	16	40
RC35	16	20
RC36	16	10
RC37	16	8

Table 281. Cross Reference for IATYINC (continued)

Name	Offset	Hex Tag
RC38	16	4
RC39	16	2
RC4	12	10
RC40	16	1
RC41	17	80
RC42	17	40
RC43	17	20
RC44	17	10
RC45	17	8
RC46	17	4
RC47	17	2
RC48	17	1
RC49	18	80
RC5	12	8
RC50	18	40
RC51	18	20
RC52	18	10
RC53	18	8
RC54	18	4
RC55	18	2
RC56	18	1
RC57	19	80
RC58	19	40
RC59	19	20
RC6	12	4
RC60	19	10
RC61	19	8
RC62	19	4
RC63	19	2
RC64	19	1
RC65	1A	80
RC66	1A	40
RC67	1A	20
RC68	1A	10
RC69	1A	8
RC7	12	2
RC70	1A	4
RC71	1A	2
RC72	1A	1
RC73	1B	80
RC74	1B	40
RC75	1B	20
RC76	1B	10
RC77	1B	8
RC78	1B	4
RC79	1B	2

Table 281. Cross Reference for IATYINC (continued)

Name	Offset	Hex Tag
RC8	12	1
RC80	1B	1
RC81	1C	80
RC82	1C	40
RC83	1C	20
RC84	1C	10
RC85	1C	8
RC86	1C	4
RC87	1C	2
RC88	1C	1
RC89	1D	80
RC9	13	80
RC90	1D	40
RC91	1D	20
RC92	1D	10
RC93	1D	8
RC94	1D	4
RC95	1D	2
RC96	1D	1
RC97	1E	80
RC98	1E	40
RC99	1E	20
RJP	26	80
SAVEMSG	25	20

IATYINM information

IATYINM heading information

Common name: INTERMEDIATE JES3 MESSAGE ROUTING TABLE

Macro ID: IATYINM

DSECT name: INMSTART, INMENTRY

Owning component: JES3 (SC1BA)

Eye-catcher ID: Main Name
Offset: INMNAME
Length: 8

Storage attributes: Main Storage: N/A
Auxiliary Storage: SPOOL

Size: INMFSIZE (for INMSTART)
INMESIZE (for INMENTRY)

Created by: IATINC1

Pointed to by: SPOOL ID ENTRY INTMSGID

Serialization: None

Function: Maps an intermediate copy of the MSGROUTE tables on spool. This table is used across JES3 restarts.

IATYINM mapping

Table 282. Structure INMSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	INMSTART	
0	(0)	CHARACTER	8	INMNAME	- MAIN PROCESSOR IDENTIFIER
0	(0)	X'8'	0	INMFEND	"*" END OF FIXED SECTION
0	(0)	X'8'	0	INMFSIZE	"INMFEND-INMSTART" SIZE OF FIXED SECTION

Table 283. Structure INMENTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	INMENTRY	
0	(0)	CHARACTER	8	INMCON	MCS Console Name
8	(8)	BITSTRING	17	INMROUT	Route Code Mask
25	(19)	BITSTRING	1	INMFLAG	- FLAG BYTE
25	(19)	X'1A'	0	INMEND	"*" END OF ENTRY
25	(19)	X'1A'	0	INMESIZE	"INMEND-INMENTRY" ENTRY SIZE
26	(1A)	CHARACTER	1	INMREST(127)	ENTRIES FOR ROUT CODES 2-127
26	(1A)	X'D08'	0	INMTSIZE	"(INMFSIZE+(128*INMESIZE))" TOTAL TABLE SIZE *
		DEFINITION OF INMFLAG			
		1...		INMREPLC	"X'80'" - Route code equivalent of the destination class associated with this MSGROUTE statement should replace message's route codes

Table 284. Cross Reference for IATYINM

Name	Offset	Hex Tag
INMCON	0	
INMEND	19	1A
INMENTRY	0	
INMESIZE	19	1A
INMFEND	0	8
INMFLAG	19	
INMFSIZE	0	8
INMNAME	0	
INMREPLC	1A	80
INMREST	1A	
INMROUT	8	
INMSTART	0	
INMTSIZE	1A	D08

IATYINM4 information

IATYINM4 heading information

Common name: IATINM4 Vector Table

Macro ID: IATYINM4

DSECT name:	None
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Auxiliary Storage: N/A Subpool: 0
Size:	INM4SIZE
Created by:	Resident within IATINM4 and any module that calls the routines has a resident copy.
Pointed to by:	Modules with a resident copy
Serialization:	NONE
Function:	Maps the subroutines of IATINM4 callable by other initialization modules.

IATYINM4 mapping

Table 285. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	ADDRESS	4	INM4STRT(0)	Marks start of area
0	(0)	ADDRESS	4	FINDCONS	Console dest find routine
4	(4)	ADDRESS	4	SETMNID	Receive area setup routine
8	(8)	ADDRESS	4	FIXGPRTY	Group priority routine
12	(C)	ADDRESS	4	LOADMAIN	Main module load routine
16	(10)	ADDRESS	4	CSAVER	CSA table verify routine
End of data area.					
16	(10)	X'14'	0	INM4END	"*" End of IATYINM4
16	(10)	X'14'	0	INM4SIZE	"INM4END-INM4STRT" Size of IATYINM4

IATYINT information

IATYINT programming interface information

The following fields are **NOT** programming interface information:

- *0008
- *0029
- *0029
- *0029
- ACDRDRTN
- ICARDRD
- ICONVBIN
- ICONVHEX
- IINEOF2
- INITBSES
- INITERTN
- INITMWLE
- INITSVBS

- INOMAIN
- INTBTCAD
- INTBTRAD
- INTCFGAD
- INTCFGTK
- INTCSITX
- INTCSRAD
- INTCTADR
- INTDEJOB
- INTDSTAD
- INTDVSAD
- INTDYCPY
- INTFSADR
- INTICLEN
- INTICOMT
- INTICPAD
- INTIDVS
- INTIICAD
- INTINPIN
- INTINPTM
- INTJELAD
- INTJELEN
- INTLCPFD
- INTLGRTN
- INTLGTOK
- INTLUJCT
- INTMCNDB
- INTMDADR
- INTOLIFD
- INTOLJBT
- INTPKADR
- INTRBADR
- INTSETID
- INTSPCAD
- INTSPRAD
- INTSPRID
- INTSTNID
- INTTFCAD
- INTVOLAD
- INTWSADR
- IPURGE
- ISCAN1
- ISCAN2

- ISORT
- ITREAD
- ITWRITE
- IVALFDB
- IWASPOUT
- REG8SAVE

IATYINT heading information

Common name:	Data CSECT for Initialization Routines
Macro ID:	IATYINT
DSECT name:	IATINDT, INTGB, INTPMTAB
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	IATINDT (IATINDT) Offset: '48'X Length: 8
Storage attributes:	Subpool: 251 Key: JES key Residency: Below 16M
Size:	INTLNGTH (for ABCSTART), INTGBLEN (for INTGB), INTPMLN3 (for INTPMTAB) INTXDSIZ (for INTXDSTR) *0149
Created by:	IATINIT as IATINDT
Pointed to by:	AINTDATA in IATYTVT R13 in Initialization
Serialization:	None
Function:	Data CSECT used for initialization routines

IATYINT mapping

Table 286. Structure FDBSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	FDBSTART	
		WARNING THE OFFSETS BETWEEN FDBSTART AND FDBFREND MUST NOT BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON SOME JES3 MODULES.			
0	(0)	SIGNED	4	FDBDATA(0)	- BUFFER ADDRESS OF DATA
0	(0)	BITSTRING	6	FDBSPADR(0)	- M.R SPOOL REC ADDR OF DATA
0	(0)	BITSTRING	2	FDBSPMOD	- MODULE NUMBER OF SPOOL EXTENT
2	(2)	BITSTRING	4	FDBSPREC	- RECORD NUMBER OF DATA
4	(4)	BITSTRING	2	FDBNOADR	Gas
6	(6)	BITSTRING	1	FDBFLAG0(0)	SINGLE RECORD AND ERROR FLAGS
		DEFINITION OF FDBFLAG0: SINGLE-RECORD AND ERROR FLAGS			
		1111		FDBERFLG	"X'F0'" I/O ERROR FLAGS.
		1..1		FDBDKFRR	"X'90'" PROGRAM CHECK IN IATDMDK.
		1...		FDBRECOV	"X'80'" SUCCESSFUL ERROR RECOVERY OCCURRED
		.111		FDBJBTER	"X'70'" ERROR READING THE JBT OCCURRED

Table 286. Structure FDBSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.11.		FDBCHKPT	"X'60'" FIRST/LAST TRACK ADDR CHANGE
		.1.1		FDBF0RS1	"X'50'" RESERVED FLAG.
		.1..		FDBERROR	"X'40'" UNCORRECTABLE I/O ERROR OCCURRED
		..11		FDBTAERR	"X'30'" DISK ADDRESS NOT VERIFY.
		..1.		FDBIOERR	"X'20'" I/O ERROR RECOVERY IN PROGRESS
		...1		FDBROTER	"X'10'" ERROR OCCURRED ON ROOT I/O.
		FOLLOWING FOUR FLAGS ARE FOR SINGLE RECORD FILES ONLY			
		.... 1...		FDBNOPUT	"X'08'" WRITE WITHOUT PUTBUF
		.... .1..		FDBOLD	"X'04'" OLD SINGLE RECORD FILE
		.... ..1.		FDBJBTAT	"X'02'" INDICATES FDB IS A JBTAT FDB
		1		FDBFCTPM	"X'01'" PARAMETERS IN FCT
6	(6)	BITSTRING	1	FDBPRTY	FDB PRTY (BITS 0-3) DURING OPEN (overlaps FDBFLAG0) 12190S5A
7	(7)	BITSTRING	1	FDBFLAGS	FLAGS COMMON TO SINGLE/MULT
DEFINITION OF FDBFLAGS: SINGLE- & MULTIPLE-RECORD FILES					
		1...		FDBECF	"X'80'" - I/O EVENT COMPLETION.
		.1..		FDBMNTAT	"X'40'" Single track allocation used (spool space belongs to JES3 or job 0 rather than a JOBTAT or DSTAT)
		..1.		FDBINPUT	"X'20'" - INPUT/OUTPUT FILE (INPUT IF ON).
		...1		FDBCLOSE	"X'10'" - OPEN/CLOSED FLAG (CLOSED IF ON).
		.... 1...		FDBMULT	"X'08'" - SINGLE/MULTIPLE FILE (MULT IF ON).
		.... .1..		FDBSRSV1	"X'04'" - RESERVED.
		.... ..1.		FDBWCHLK	"X'02'" - WRTCHAIN ROOT FDB LOCK FLAG.
		1		FDBSRSV2	"X'01'" - RESERVED.
8	(8)	BITSTRING	1	FDBSPFL1	- FLAGS FOR SPOOL DATA MGMT
DEFINITION OF FDBSPFL1: SINGLE- & MULTIPLE-RECORD FILES					
		1...		FDBONSP	"X'80'" - FDB CONTAINS A SPOOL ADDRESS
		.1..		FDBIOIP	"X'40'" - I/O IN-PROGRESS INDICATOR
		..1.		FDBCSBTR	"X'20'" CSBT USED TO READ CH. SRF 0440
		...1		FDBCSBTW	"X'10'" USE CSBT TO WRITE CHAINED SRF
		.... 1...		FDBCSBTL	"X'08'" USE CSBT TO RELEASE CHAINED SRF
		.... .1..		FDBCSBTJ	"X'04'" USE CSBT FOR THIS JESREAD 0440
9	(9)	BITSTRING	1	FDBFLGR2	- RESERVED FOR SERVICE
10	(A)	SIGNED	2	FDBRSVD1	- RESERVED FOR DEVELOPMENT
12	(C)	BITSTRING	1	FDBSREND(0)	END OF SINGLE REC FILE FDB
12	(C)	X'C'	0	FDBSRFL	"FDBSREND-FDBSTART" LENGTH OF AN SRF FDB

Table 286. Structure FDBSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
12	(C)	SIGNED	2	FDBFREND(0)	END OF FDB FROZEN SECTION
		WARNING THE OFFSETS BETWEEN FDBSTART AND FDBFREND MUST NOT BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON SOME JES3 MODULES. END OF SINGLE RECORD FILE FDB THE FOLLOWING FIELDS ARE FOR MULTI-RECORD FILE FDBS (EXISTS IF THE FLAG FDBMULT IS ON IN FDBFLAGS)			
12	(C)	BITSTRING	1	FDBFLAG1	- FLAGS FOR MULTIPLE RECORD FILES.
		DEFINITION OF FDBFLAG1: MULTIPLE-RECORD FILES			
		1...		FDBOCLSE	"X'80'" - CLOSE OF FILE INITIATED.
		.1..		FDBFDATA	"X'40'" - FIRST DATA BUFFER FLAG.
		..1.		FDBDATCH	"X'20'" - DATA BUFFER CHAIN FLAG.
		...1		FDBSPLIT	"X'10'" - DATA IS SPLIT BETWEEN TWO BUFFERS.
		.... 1...		FDBEND	"X'08'" - FILE IS BEING OPENED AT ITS END.
		.... .1..		FDBPOINT	"X'04'" - POINT IS IN PROGRESS.
		.... ..1.		FDBF102	"X'02'" - Reserved for IBM
		1		FDBPNTIN	"X'01'" - APOINT HAS TYPE=IN AS PARAMETER.
13	(D)	BITSTRING	1	FDBFLAG2	- FLAGS FOR MULTIPLE RECORD FILES.
		DEFINITION OF FDBFLAG2: MULTIPLE-RECORD FILES			
		1...		FDBLSTIO	"X'80'" - SET LAST I/O REQUEST STARTED.
		.1..		FDBALLIO	"X'40'" - SET WHEN LAST DATA BUFFER WRITTEN.
		..1.		FDBLOCAT	"X'20'" - SET WHEN AN ALOCATE IS DONE.
		...1		FDBNDATA	"X'10'" ON = NO DATA IN FILE
		.... 1...		FDBODEOD	"X'08'" RECOVER FROM NO EOD ON OPEND
		.... .1..		FDBSKIP	"X'04'" SKIP RECORD IF READ I/O ERROR
		.... ..1.		FDBMAC	"X'02'" MACHINE CARRIAGE CONTROL
		1		FDBASA	"X'01'" ASA CARRIAGE CONTROL FOR DS
14	(E)	BITSTRING	1	FDBFLAG3	- FLAGS FOR MULTI-RECORD FILES
		DEFINITION OF FDBFLAG3: MULTIPLE-RECORD FILES			
		1...		FDBOPTCD	"X'80'" - OPTCD = J SPECIFIED
		.1..		FDBIOCNG	"X'40'" - I/O COUNT ERROR DETECTED
		..1.		FDBTMSTP	"X'20'" - DATCCX includes time stamp 12190S5A
15	(F)	BITSTRING	1	FDBFLGR4	- RESERVED FOR SERVICE
16	(10)	BITSTRING	1	FDBIOCNT	- NUMBER OF I/O REQUESTS OUTSTANDING.
17	(11)	BITSTRING	1	FDBERCNT	- NUMBER OF I/O ERRORS NOT CORRECTED.
18	(12)	SIGNED	2	FDBRL	- ROOM LEFT IN DATA BUFFER.
20	(14)	SIGNED	4	FDBBPTR	- CURRENT BUFFER POINTER.
24	(18)	BITSTRING	6	FDBOPEND(0)	- SPOOL ADR OF LAST DATA BUFFER
24	(18)	BITSTRING	2	FDBMODN2	- MOD NO OF LAST SPOOL EXTENT

Table 286. Structure FDBSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
26	(1A)	BITSTRING	4	FDBRECN2	- REC NO OF LAST SPOOL DATA
30	(1E)	SIGNED	2	FDBRSFLD	RESERVED FOR DEVELOPMENT
		END OF MULTI-RECORD FILE FDB			
32	(20)	BITSTRING	1	FDBMREND(0)	END OF MULTI-RECORD FILE FDB
32	(20)	X'20'	0	FDBMRFL	"FDBMREND-FDBSTART" LENGTH OF AN MRF FDB
		JOB/DATASET TAT FDB EXTENSION (EXISTS IF THE FLAG FDBJBTAT IS ON IN FDBFLAG0)			
12	(C)	SIGNED	4	FDBJBTEX(0)	START OF TAT FDB EXTENSION
		RETURN PARAMETERS FROM TRACK GROUP ALLOCATION			
12	(C)	SIGNED	2	FDBRECCT	- NUMBER OF AVAILABLE RECORDS
14	(E)	BITSTRING	6	FDBJTSPA(0)	- AVAILABLE RECORD ADDRESS
14	(E)	BITSTRING	2	FDBJTSPM	- MODULE NUMBER
16	(10)	BITSTRING	4	FDBJTSPR	- RECORD NUMBER
20	(14)	SIGNED	4	FDBVALID	- VALIDATION FIELD FOR FILE
24	(18)	SIGNED	2	FDBSPNDX	- JOB'S SPOOL PARTITION INDEX
26	(1A)	BITSTRING	1	FDBJTFLG	- JOB/DATASET TAT STATUS FLAGS
		DEFINITION OF FDBJTFLG: JOB/DATASET TAT STATUS FLAGS			
		1...		FDBJTBIT	"X'80'" - TRACK ALLOCATION SUSPENDED
		.1..		FDBDSTAT	"X'40'" - DATA SET TAT
		..1.		FDBJIOER	"X'20'" - IOERR POST REQUIRED
		...1		FDBRRERQ	"X'10'" - JSAM POST REQUIRED (RRE ALLOC)
		.... 1...		FDBJTOFL	"X'08'" - JSAM POST REQUIRED (JBT OVFLW)
		.... .1..		FDBRABDU	"X'04'" - FDB IN USE FOR RAB DESTROY
		.... ..1.		FDBJTERR	"X'02'" - RAB REFRESH ERROR
27	(1B)	BITSTRING	1	FDBJTRSV	- RESERVED FOR DEVELOPMENT
		END OF THE TAT FDB EXTENSION			
28	(1C)	BITSTRING	1	FDBJTEND(0)	END OF THE JBT FDB EXTENSION
28	(1C)	X'10'	0	FDBJBTXL	"FDBJTEND-FDBJBTEX" LENGTH OF JBT FDB EXTENSION
28	(1C)	X'1C'	0	FDBJBTL	"FDBSRFL+FDBJBTXL" LENGTH OF A TAT FDB
		IATYREG REGISTER EQUIVALENTS 0 REGISTER EQUIVALENTS 01 Change Activity: $RC= SP110 HJS6601 950410 PD0VW: SP1.1.0 SHOWHDR RUN GENERAL PURPOSE REGISTERS			
28	(1C)	X'0'	0	R0	"0"
28	(1C)	X'1'	0	R1	"1"
28	(1C)	X'2'	0	R2	"2"

Table 286. Structure FDBSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
28	(1C)	X'3'	0	R3	"3"
28	(1C)	X'4'	0	R4	"4"
28	(1C)	X'5'	0	R5	"5"
28	(1C)	X'6'	0	R6	"6"
28	(1C)	X'7'	0	R7	"7"
28	(1C)	X'8'	0	R8	"8"
28	(1C)	X'9'	0	R9	"9"
28	(1C)	X'A'	0	R10	"10"
28	(1C)	X'B'	0	R11	"11"
28	(1C)	X'C'	0	R12	"12"
28	(1C)	X'D'	0	R13	"13"
28	(1C)	X'E'	0	R14	"14"
28	(1C)	X'F'	0	R15	"15"
ACCESS REGISTERS					
28	(1C)	X'0'	0	AR0	"0"
28	(1C)	X'1'	0	AR1	"1"
28	(1C)	X'2'	0	AR2	"2"
28	(1C)	X'3'	0	AR3	"3"
28	(1C)	X'4'	0	AR4	"4"
28	(1C)	X'5'	0	AR5	"5"
28	(1C)	X'6'	0	AR6	"6"
28	(1C)	X'7'	0	AR7	"7"
28	(1C)	X'8'	0	AR8	"8"
28	(1C)	X'9'	0	AR9	"9"
28	(1C)	X'A'	0	AR10	"10"
28	(1C)	X'B'	0	AR11	"11"
28	(1C)	X'C'	0	AR12	"12"
28	(1C)	X'D'	0	AR13	"13"
28	(1C)	X'E'	0	AR14	"14"
28	(1C)	X'F'	0	AR15	"15"

Table 287. Structure IATGRVT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATGRVT	
0	(0)	X'0'	0	TVTABLE	"IATGRVT" 0041
WARNING THE OFFSETS FOR THE FIELDS DEFINED BETWEEN TVTABLE AND TVTFREND MUST NOT BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON SOME JES3 MODULES.					
JES3 MODULE ENTRY POINT IDENTIFIER 01 Change Activity: $SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0					
0	(0)	CHARACTER	8	TVTID	MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU

Table 287. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM
36	(24)	ADDRESS	2	TVTLNGTH	TVTABLE length 0041
40	(28)	SIGNED	4	TVTINDAT(2)	IATINIT DATE JES3 STARTED - 0CYYDDDF
40	(28)	X'2C'	0	TVTINTIM	"TVTINDAT+4" IATINIT TIME JES3 STARTED - HHMMSSTH
		LOCATED SYMBOL OP ENTRY IN COMMENT MODULE			
48	(30)	ADDRESS	4	FCTTOP	"V(FCTTOP)" IATGRPT FIRST FCT ENTRY
52	(34)	ADDRESS	4	AINTDATA	SET BY IATINIT POINTER TO INISH DATA CSECT
56	(38)	ADDRESS	4	ASPECB	IATINIO ADDR OF JES3 MASTER ECB
60	(3C)	ADDRESS	4	AWAITEP	"V(AWAITX)" IATGRCT MFM AWAIT PROCESSING
64	(40)	ADDRESS	4	ASAVE	"V(ASAVEYES)" IATGRSV ASAVE PROCESSING
68	(44)	ADDRESS	4	ARETNAD	"V(ASARETRN)" IATGRSV ARETURN ENTRY POINT
72	(48)	ADDRESS	4	JESTAE	SET BY IATABMN JESTAE
76	(4C)	ADDRESS	4	FAILDSP	SET BY IATABMN FAIL A DSP
80	(50)	ADDRESS	4	TVTXBPL	"V(IATXBPL)" IATGRQC BUILD CELL POOL ROUTINE
84	(54)	ADDRESS	4	TVTXGCL	"V(IATXGCL)" IATGRQC GET CELL POOL ROUTINE
88	(58)	ADDRESS	4	TVTXRCL	"V(IATXRCL)" IATGRQC RELEASE CELL POOL ROUTINE
92	(5C)	ADDRESS	4	TVTXDPL	"V(IATXDPL)" IATGRQC DELETE CELL POOL ROUTINE
96	(60)	ADDRESS	4	TVTXCNDB	"V(IATCNDB)" IATCNDB PROCESS CNDB CONTROL BLOCKS
		The IATYTVTX macro is expanded in IATGRVTX for IATNUC and IATNUCI and it is expanded in IATGRVXF for IATNUCF.			
100	(64)	ADDRESS	4	TVTFTVT	"V(IATGRVTX)" Address of TVTX module
104	(68)	ADDRESS	4	TVTCTVT	"V(IATGRVTC)" IATGRVTC TVT CHECKPOINTED EXTENSION
108	(6C)	BITSTRING	4	TVTHOBOF	USED TO TURN OFF HIGH ORD BIT
112	(70)	SIGNED	4	TVTRD005	Reserved for development
116	(74)	ADDRESS	4	TVTCSF	"V(GRGSNTRY)" IATGRGS CALL SUBTASK FUNCTION RTN
120	(78)	ADDRESS	4	ANJECNSQ	- PTR TO NJE CONSOLE QUEUES
124	(7C)	ADDRESS	4	TVTGROCO	"V(IATGROCO)" IATGROCO INVOKE NON-SOURCE ROUTINES 0059
128	(80)	ADDRESS	4	TVTCNMLW	"V(CNRNMLWO)" IATCNRN IATXMLWO SERVICE ROUTINE
132	(84)	ADDRESS	4	AGETMAIN	"V(GETMAINX)" IATGRGM GETMAIN
136	(88)	ADDRESS	4	APUTMAIN	"V(PUTMAINX)" IATGRGM FREEMAIN
140	(8C)	ADDRESS	4	ATIME	"V(TMATIME)" IATGRTM TIMER SERVICES

Table 287. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
144	(90)	ADDRESS	4	MESSAGE	"V(IATCNWO)" IATCNWO MESSAGE FROM DSP
148	(94)	ADDRESS	4	TVTSSVT	SET BY IATINIT ADDR SSVT
152	(98)	ADDRESS	4	ACONSBCB	SET BY IATINC2 CONSOLE BUFFER CONTROL BLOCK
156	(9C)	BITSTRING	1	JESPOOL	USED BY AGETPUTM FOR DEFAULT SUBPOOL
157	(9D)	BITSTRING	1	ACONTIME	CONSOLES INITIALIZATION FLAG
		1...		INITCMP	"X'80'" INITIALIZATION IS COMPLETE
		.1..		INCNCMP	"X'40'" IATINC2 COMPLETE
		..1.		ACONRS20	"X'20'" Reserved flag
		...1		ACONRS10	"X'10'" Reserved flag
		.... 1...		RJPCPOST	"X'08'" JESXCF posting RJPCONS
		.... .1..		RJPCTIME	"X'04'" Timer pop posting RJPCONS
158	(9E)	BITSTRING	1	TVTRDFR1	RESERVED FOR DEVELOPMENT 0012
159	(9F)	BITSTRING	1	TVRSTFLG	JES3 Start flag 0012
		1...		COLDSTRT	"X'80'" JES3 is cold starting 0012
		.1..		WARMSTRT	"X'40'" JES3 is warm starting 0012
		..1.		HOTSTRT	"X'20'" This address space is hot 0012 starting (JES3) or is an 0012 FSS 0012
		...1		ANALYZE	"X'10'" Queue analysis required 0012
		.... 1...		DSIACTV	"X'08'" DSI active 0012
		.... .1..		CPUIPL	"X'04'" This CPU was IPLed before 0012 JES3 was started 0012
		.... ..1.		TVTREFRS	"X'02'" A refresh is being done 0012 Valid only when HOTSTRT 0012 is also on (i.e. a hot 0012 start with refresh is 0012 being performed). 0012 0012
		1		TVTSPREP	"X'01'" WR or WAR type restart 0012
160	(A0)	ADDRESS	4	RJPTAB	SET BY IATINR2 RESIDENT RJP TABLE
164	(A4)	ADDRESS	4	SRJPRTRM	SET BY IATINWS FIRST SNA WORKSTAT ENTRY
168	(A8)	ADDRESS	4	RJPRTERM	SET BY IATINR2 1ST TERM ENTRY IN RESTABL 0012
172	(AC)	SIGNED	4	TVTRDFR2	RESERVED FOR DEVELOPMENT

```
The following 3 fields (TVTENWRK, TVTENCTL, TVTENFRW)
must be contiguous since CDS logic is used to serialize
access to the queue of IATOSENF subtask work areas.
```

176	(B0)	DBL WORD	8	TVTENWRK(0)	Queue of available work areas for IATOSENF subtask
176	(B0)	SIGNED	4	TVTENCTL	Queue control word
180	(B4)	ADDRESS	4	TVTENFRW	Address of 1st free element
184	(B8)	SIGNED	4	TVTRS00F(6)	RESERVED FOR SERVICE
208	(D0)	SIGNED	2	TVTFREND(0)	END OF TVT FROZEN SECTION

```
                          WARNING
THE OFFSETS FOR THE FIELDS DEFINED BETWEEN TVTABLE AND
TVTFREND MUST NOT BE CHANGED, AS THIS WILL HAVE AN ADVERSE
EFFECT ON SOME JES3 MODULES.
       SYSTEM TABLE POINTERS
                      'IATGRVT(F)' = 'IATGRVT + IATGRVTF'
```

208	(D0)	ADDRESS	4	ADLTABLE	SET BY IATINGN DEADLINE TABLE

Table 287. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
212	(D4)	ADDRESS	4	TVTTOKEN	SET BY IATINIT PTR TO J3/UTOKEN STRUCTURE
216	(D8)	ADDRESS	4	DSQLOC	SET BY IATINIT DESTINATION ROUTING TABLE
220	(DC)	ADDRESS	4	DSPDIC	"V(DSPDICT)" IATGRPT DSP DICTIONARY
224	(E0)	ADDRESS	4	EFTOP	ENDING FUNCTION CHAIN
228	(E4)	ADDRESS	4	FCTACTIV	SET BY IATGRCT ACTIVE FCT
232	(E8)	ADDRESS	4	JNCBTOP	DJC JNCB CHAIN
236	(EC)	ADDRESS	4	JSSFCT	"V(JSSFCT)" IATGRPT IATGRJS FCT
240	(F0)	ADDRESS	4	MAINACT	SET BY IATINM3 ACTIVE MAIN PROC TABLE
244	(F4)	ADDRESS	4	MAINDATA	SET BY IATINM2 MAIN PROCESSOR CONTROL TABLE
248	(F8)	ADDRESS	4	MCLASS	SET BY IATINM2 JOB CLASS TABLE
252	(FC)	ADDRESS	4	MDSPARM	SET BY IATINMD MDS CONTROL TABLE
256	(100)	ADDRESS	4	DYNDYNP	SET BY IATINMD PTR TO DYN DATA
260	(104)	ADDRESS	4	MGROUP	SET BY IATINM2 JOB CLASS GROUP TABLE
264	(108)	ADDRESS	4	MLBCB	IATINM2 ADDR OF MAIN LOAD BALANCE CB
268	(10C)	ADDRESS	4	TVTRDQTP	READY QUEUE ANCHOR
268	(10C)	X'10C'	0	TVTRDQEF	"TVTRDQTP,1" READY QUEUE FCT ECF
		1...		TVTRDQPT	"X'80'" FCT ADDED TO READY QUEUE
272	(110)	ADDRESS	4	PAFCTBTM	SET BY IATINRB LAST AVAILABLE PREALLOCATED FCT ENTRY
276	(114)	ADDRESS	4	PAFCTTOP	SET BY IATINRB FIRST AVAILABLE PREALLOCATED FCT ENTRY
280	(118)	ADDRESS	4	TVTRQCAD	SET BY IATINRB RESQUEUE CONTROL AREA
284	(11C)	ADDRESS	4	TVTSDA	Statistics Data Area
288	(120)	ADDRESS	4	PRTAB	SET BY IATINDEV 1ST PRINTER ENTRY IN SUPUNITS
292	(124)	ADDRESS	4	PUNTAB	SET BY IATINDEV 1ST PUNCH ENTRY IN SUPUNITS
296	(128)	ADDRESS	4	RESTABLE	"V(RESTABLX)" IATGRRQ RESOURCE MGMT TABLE
300	(12C)	ADDRESS	4	TVTCALNT	"V(ASACALNT)" ACALL (no trace) entry point
304	(130)	ADDRESS	4	TVTRETNT	"V(ASARETNT)" ARETURN (no trace) entry point
308	(134)	ADDRESS	4	SRJPSRT	SET BY IATINWS RESIDENT SNA RJP TABLE
312	(138)	ADDRESS	4	TVTSOCK	Set by IATINSOC Socket chain
316	(13C)	ADDRESS	4	TVTLLPRT	SET BY IATINDEV LAST LOCAL PRINTER (PRTAB)
320	(140)	ADDRESS	4	TVTJMJDS	Set by IATINC2 JESMSGLG JDS skeleton entries for Spinoff
324	(144)	ADDRESS	4	TVTRS010	RESERVED FOR SERVICE
		TVT DOUBLE WORD FIELDS			
328	(148)	DBL WORD	8	TVTSVHDR(0)	IATGRSV DOES A CDS ON TVTSVLST
328	(148)	ADDRESS	4	TVTSVLST	IATGRSV SAVEAREA FREE POOL LIST
332	(14C)	ADDRESS	4	TVTSVCNT	IATGRSV CNTL CNT FOR CDS SERIALIZATION
336	(150)	DBL WORD	8	TVTWORKD	DOUBLE WORD WORK AREA
336	(150)	X'154'	0	TVTWORKS	"TVTWORKD+4,4" SINGLE WORD WORK AREA

Table 287. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
344	(158)	DBL WORD	8	TVTTELS(0)	POINTERS TO TEL CHAIN 0446
344	(158)	SIGNED	4	TVTTELTP	FIRST TEL ON TEL CHAIN 0446
348	(15C)	SIGNED	4	TVTTELEN	LAST TEL ON TEL CHAIN 0446
352	(160)	DBL WORD	8	SRJPSTQ(0)	SNA RJP STORAGE QUEUE
THE SNA RJP STORAGE QUEUE MUST USE COMPARE DOUBLE AND SWAP (CDS) TO INCREMENT THE COUNT AND CHANGE THE QUEUE ANCHOR WITH THE SAME INSTRUCTION					
352	(160)	SIGNED	4	SRJPSCTR	STORAGE COUNTER
356	(164)	SIGNED	4	SRJPSQAN	STORAGE QUEUE ANCHOR
360	(168)	SIGNED	4	SRJPCSFL	COMPARE AND SWAP WORD
360	(168)	X'168'	0	SRJPECF	"SRJPCSFL" ECF TO CONTROL SNARJP DSP
FIRST BYTE OF SRJPCSFL DEFINITION OF SRJPECF					
		1...		SRJPRJS	"X'80'" RETURN TO JSS FLAG
		.1..		SRJPBCB	"X'40'" BUILD CONTROL BLOCK FLAG
		..1.		SRJPRCB	"X'20'" REMOVE CONTROL BLOCKS FLAG
		...1		SRJPPOP	"X'10'" PROCESS OPER. COMMANDS FLAG
		.... 1...		SRJPWKQ	"X'08'" PROCESS WORK QUEUES FLAG
1. INTERCOM COMMANDS FROM WORKSTATION CONSOLES 2. SEND MESSAGES TO OPERATOR 3. CALL IATCNRM TO SEND MSGS TO WS CONSOLES 4. INTERCOM START READER COMMANDS 5. TERMINATE SESSIONS (ISSUE CLSDST) 6. ISSUE WSOPEN FOR OUTBOUND CONSOLE 7. INTERCOM COMMANDS FROM DATA FLOW CONTROL					
		.... .1..		SRJPRSVS	"X'04'" Reserved for service
		.... ..1.		SRJPISEC	"X'02'" PROCESS SECURITY REQUEST #403
360	(168)	X'16B'	0	SRJPFLG	"SRJPCSFL+3" SNA RJP FLAGS
360	(168)	X'16B'	0	SRJPACT	"SRJPFLG" SNA RJP ACTIVE FLAG
		1...		SRJPACTM	"X'80'" SNA RJP ACTIVE MASK
364	(16C)	ADDRESS	4	TVTNTSV	Set by IATINNSV NETSERV anchor
368	(170)	ADDRESS	4	TVTBALST	POINTER TO LAST BALJ
372	(174)	ADDRESS	4	RQBTM	LAST RESQUEUE ENTRY
376	(178)	ADDRESS	4	RQDTOP	ORIGIN OF DEMAND SEL Q
380	(17C)	ADDRESS	4	RQTOP	FIRST RESQUEUE ENTRY
384	(180)	ADDRESS	4	SCTAB	SET BY IATINGN SYSOUT CLASS TABLE
388	(184)	ADDRESS	4	SETNAMES	SET BY IATINMD SETNAMES TABLE
392	(188)	ADDRESS	4	SUPUNITS	SET BY IATINDEV SUPPORT UNITS TABLE
396	(18C)	ADDRESS	4	SYSTAB	SET BY IATINDEV 1ST SYS ENTRY IN SUPUNITS
400	(190)	ADDRESS	4	SYSUNITS	SET BY IATGRSYS SYSTEM UNITS TABLE
404	(194)	ADDRESS	4	TVTMDSRD	SET BY IATINMD MDSSRS DATA AREA ADDRESS
408	(198)	ADDRESS	4	TVTLDAAD	SET BY IATINLC LOCATE DATA AREA ADDRESS
412	(19C)	ADDRESS	4	TVTBALJ	IATINIO JES3 BUFFER ALLOC BLK
416	(1A0)	ADDRESS	4	TVTDATQ	QUEUE OF IATYDATS FOR DISKS
416	(1A0)	X'1A0'	0	TVTDMCQ	"TVTDATQ" QUEUE OF IATYDMCS FOR DISKS

Table 287. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
TVTBALJ, TVTDATQ AND TVTDMCQ WILL BE USED IN THE FSS ADDRESS SPACE AS WELL AS THE JES3 GLOBAL ADDRESS SPACE. ADDRESSES WILL DIFFER BETWEEN THE FSS AND JES3 GLOBAL ADDRESS SPACES.					
420	(1A4)	ADDRESS	4	TVTDFCB	DFCB CHAIN TOP
424	(1A8)	ADDRESS	4	TVTFSS	SET BY IATINFS ADDR OF FIRST FSS TABLE
428	(1AC)	SIGNED	4	TVTIDAAD	IATINI1 INTERPRETER DATA AREA ADDR.
432	(1B0)	ADDRESS	4	TVTJQX	"V(JQXSTART)" IATGRJX ADDR JQX
436	(1B4)	ADDRESS	4	TVTSQE	ADDR OF STORAGE Q
440	(1B8)	ADDRESS	4	TVTMEMD	ADDR OF JES3 MEMDATA
444	(1BC)	ADDRESS	4	TVTRTAB	"V(TRANSTAB)" IATGRVT(F) SYSTEM TRANSLATE TABLE
448	(1C0)	ADDRESS	4	TVTSMFCH	IATOSDR SMF WRITE CHAIN START
452	(1C4)	ADDRESS	4	TVTSPPCH	IATOSDR SETPRT REQUEST QUEUE
456	(1C8)	ADDRESS	4	TVTUXL	"V(IATYUXL)" IATGRPT USER EXIT LIST TABLE
460	(1CC)	ADDRESS	4	TVTYOSD	"V(OSDSTART)" IATOSDR OUTSERV DATA SET DEFAULTS
464	(1D0)	ADDRESS	4	WTDQUE	WTD CONTROL BLOCK
468	(1D4)	SIGNED	4	TVTIFCAD	IATINFC C/I FSS DATA AREA ADDR.
472	(1D8)	ADDRESS	4	TVTCPBCH	IATGRQC First Quickcell CPB
476	(1DC)	ADDRESS	4	TVTCPBEN	IATGRQC Last Quickcell CPB
480	(1E0)	SIGNED	4	TVTRS040	Reserved for IBM
484	(1E4)	ADDRESS	4	FCTLAST	SET BY IATGRCT LAST FCT ENTRY
488	(1E8)	SIGNED	4	NCKLOCK	THIS WORD CONTAINS THE FCT ADDRESS THAT CURRENTLY HOLDS THE NCK LOCK - X'80' AT LABEL NCKADD
492	(1EC)	ADDRESS	4	TVTFSLG	SET BY IATINIT LOGOUT MODULE
496	(1F0)	ADDRESS	4	TVTFSRC	SET BY IATINIT TERMINATE FAILING FCT
500	(1F4)	ADDRESS	4	TVTTAWK	PTR TO TRACK ALLOC DSP RREPOOL
504	(1F8)	BITSTRING	1	TVTTAECF	TRACK ALLOC DSP ECF
DEFINITION OF TVTAECF					
		1...		DMTAREQ	"X'80'" REQUESTS FROM GLOBAL
		.1..		DMTARPLY	"X'40'" REPLIES FROM GLOBAL
Fields used by macro IATXSUSP					
505	(1F9)	BITSTRING	1	TVTSUSPE	ECF used by IATXSUSP
506	(1FA)	BITSTRING	1	TVTSUSPM	IATXSUSP post mask; the mask value flip-flops between x'80' and x'40'
507	(1FB)	BITSTRING	1	TVTRD040	Reserved for development
508	(1FC)	SIGNED	4	TVT3100D	DOM ID FOR MSG IAT3100
512	(200)	ADDRESS	4	TVTJADAD	USAM JDS ACCESS INTERFACE DATA AREA (JAD) ANCHOR
516	(204)	ADDRESS	4	TVTPDAAD	PROCESS SYSOUT (PSO) DATA AREA (PDA) ANCHOR
520	(208)	ADDRESS	4	TVTSDEAD	SYSOUT Application Program Interface (SAPI) DSP Entry address

Table 287. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
524	(20C)	ADDRESS	4	TVTSOSRQ	Sysout Application Program Interface (SAPI) Output Service Restart Q (OSR)
528	(210)	ADDRESS	4	TVTOSRTQ	OUTPUT SERVICE RESTART QUE for FSS writers
532	(214)	ADDRESS	4	TVTRU050(4)	AVAILABLE TO USER
548	(224)	BITSTRING	1	TVTJNCBF	DJC FLAGS
	DEFINITION OF TVTJNCBF				
		.1..		DJCPOST	"X'40'" DJC POSTED
		...1		DJCACTIV	"X'10'" IATDCUP IS ACTIVE
		.... ..1.		JNCBPOST	"X'02'" JNCB POSTED
549	(225)	BITSTRING	1	TVTSMFFL	SMF FLAGS
	DEFINITION OF TVTSMFFL				
		1...		SMFPOST	"X'80'" SMF REC TO BE WRITTEN
		.... ..1.		SMFRCUR	"X'02'" SMF RECURSION BIT
		1		SMFDYFCT	"X'01'" DYNAM FCT HAS BEEN BUILT
550	(226)	BITSTRING	1	TVTSPPFL	SETPRT COUNT
551	(227)	BITSTRING	1	TVTWTDEC	ECF TO POST WTD PROCESSING
	Work To Do Driver post flags.				
		1...		TVTWTDPS	"X'80'" WTD Post (IATGRWD)
		.1..		TVTINPPS	"X'40'" Input cmd Post (IATGRWD)
		..1.		TVTWTD20	"X'20'" Reserved
		...1		TVTWTD10	"X'10'" Reserved
		.... 1...		TVTWTD08	"X'08'" Reserved
		.... .1..		TVTWTD04	"X'04'" Reserved
		.... ..1.		TVTWTD02	"X'02'" Reserved
		1		TVTWTD01	"X'01'" Reserved
552	(228)	BITSTRING	1	AWAIT	IATGRVT(F) AWAIT CONDITION CODE
553	(229)	BITSTRING	1	AWAITL	IATGRVT(F) AWAIT-LIST CONDITION CODE
554	(22A)	BITSTRING	1	AWAITOFF	IATGRVT(F) AWAITOFF CONDITION CODE
555	(22B)	BITSTRING	1	AWAITOFL	IATGRVT(F) AWAITOFF-LIST COND CODE
556	(22C)	BITSTRING	1	JESKEY	IATGRVT(F) JES3 STORAGE PROTECT KEY
557	(22D)	BITSTRING	1	IOERRECF	ERROR RECOVERY POST FLAGS
	DEFINITION OF IOERRECF				
		1...		IOEERROR	"X'80'" SPOOL I/O ERROR OCCURRED
		.1..		IOENORML	"X'40'" I/O TERMINATED NORMALLY
		..1.		IOETIMED	"X'20'" MISSING I/O COMPLETION POST
558	(22E)	BITSTRING	1	TVTJNECF	ECF FOR AJOBNUM BUSY
	DEFINITION OF TVTJNECF				
		1...		TVTJNMSK	"X'80'" AJOBNUM AVAILABLE ECF MASK
		.1..		TVTJNTHL	"X'40'" AJOBNUM below threshold
559	(22F)	BITSTRING	1	TVTJNWID	JES NEWS DATA SET ID

Table 287. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
560	(230)	BITSTRING	1	TVDSIECF	ECF BYTE FOR DSI
		DEFINITION OF TVDSIECF			
		1...		TVTSDSI	"X'80'" *S DSI RECEIVED
		.1..		TVTCDSI	"X'40'" *C DSI RECEIVED
561	(231)	BITSTRING	1	RJPSNPFL	RJP SNAP FUNCTION FLAGS BIT EQUATES ARE IN IATRJSN
562	(232)	BITSTRING	1	TVTRS060(2)	RESERVED FOR SERVICE
		ROUTINE ENTRY POINTS SECTION 1 - NON-COUNTABLE ENTRY POINTS (FROM ASAVE TO TVTEPS) SECTION 2 - COUNTABLE ENTRY POINTS (USING X IC - IATUTIC) (FROM ABACKR TO TVTEPE)			
564	(234)	SIGNED	4	TVTEPST(0)	START OF NON-COUNTABLE ENTRY POINTS
564	(234)	ADDRESS	4	TVTWROSE	"V(WRITEOSE)" IATOSOR WRITEOSE ROUTINE ADDRESS
568	(238)	ADDRESS	4	TVTSAFCL	"V(IATPUSC)" IATPUSC PURGE SYSIN/ SYSOUT SAF CALL
572	(23C)	ADDRESS	4	IATXSIO	IATDMDK
572	(23C)	X'23C'	0	TVTDMDK	"IATXSIO" IATDMDK
576	(240)	ADDRESS	4	TVTERRQ	IATDMIT CHAIN OF ISR'S WITH IO ERRS
580	(244)	ADDRESS	4	TVTERRWK	IATDMER PTR TO DMER'S IO ERR WORKAREA
584	(248)	ADDRESS	4	TVTSTTBL	"V(STTBUILD)" IATDMST STT BUILD ROUTINE
588	(24C)	ADDRESS	4	TVTSTTAL	"V(STTALLOC)" IATDMST STT RECORD ALLOC
592	(250)	ADDRESS	4	TVTSTTPG	"V(STTPURGE)" IATDMST STT RECORD PURGE
596	(254)	ADDRESS	4	TVTSTTBD	"V(STTBAD)" IATDMST STT BADTRACK ROUTINE
600	(258)	ADDRESS	4	TVTSTTSR	"V(STTSRCH)" IATDMST STT SEARCH ROUTINE
604	(25C)	ADDRESS	4	DSPIG	"V(PIG)" IATIQPG PART/INQ TGPS ROUTINE
608	(260)	ADDRESS	4	TVTTGBUP	"V(TGBUPDAT)" IATDMTK BYPASS TABLE UPDATE
612	(264)	ADDRESS	4	TVTPBITL	"V(BITLOC)" IATDMTK X.G TO PTAT BIT CONVERSION
616	(268)	ADDRESS	4	TVTPTATS	"V(TATSTAT)" IATDMTK PTAT STATUS UPDATE RTN
620	(26C)	ADDRESS	4	TVTJBTS	"V(JOBTATS)" IATDMTK JOB, DS TAT SEARCH RTN
624	(270)	ADDRESS	4	JDSBENRY	"V(JDSSCAN)" IATGRJA CI SUBTSK JDS ACCESS EP
628	(274)	ADDRESS	4	IATXJDS	"V(IATXJDSX)" IATGRJA ADDRESS OF JDS ACCESS RTNS
632	(278)	ADDRESS	4	IATXJET	"V(IATXJETX)" IATGRJA Address of JET initialization routine
636	(27C)	ADDRESS	4	IATXCSS	"V(IATDMCS)" IATDMCS ADDRESS OF SRF SERVICES
640	(280)	ADDRESS	4	TVTSLOTL	"V(SLOTLOC)" IATDMTK Address of VALID array slot location routine

Table 287. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
644	(284)	ADDRESS	4	TVTRJPDI	"V(RJPDINFO)" IATOSGR Access RJP device info 0012 0012
648	(288)	ADDRESS	4	IATXTRC	IATINSV JES3 trace in CSA, also FSS trace in FSS private
652	(28C)	ADDRESS	4	TVTXCKPT	IATGRCK IATXCKPT ENTRY POINT
656	(290)	ADDRESS	4	JOBNALOC	"V(JNUMALOC)" IATGRJN ALLOCATE A SPECIFIC JOBNO.
660	(294)	ADDRESS	4	JOBNRTN	"V(JOBNMBER)" IATGRJN ALLOCATE NEXT AVAIL JOBNO.
664	(298)	ADDRESS	4	JOBNSET	"V(JNUMSET)" IATGRJN SET NUMBER FOR JOBNO. SCAN
668	(29C)	ADDRESS	4	JSSRETRN	"V(JSSRTN)" IATGRJR DSP RETURN POINT TO IATGRJR
672	(2A0)	ADDRESS	4	TVTJETCR	"V(CSBTCRT)" IATGRJA JET create routine address 0010
676	(2A4)	ADDRESS	4	TVABNGET	IATABN0 VIRT ADDR VALID'N RTN
680	(2A8)	ADDRESS	4	TVTABMN	SET BY IATABMN ADDR OF MODULE IATABMN
684	(2AC)	ADDRESS	4	TVTSTAD	SET BY IATABMN ABEND SERIALIZATION SERVICE
688	(2B0)	ADDRESS	4	TVTJ3PST	IATINIO POSTJES3 RTN IN CSA
692	(2B4)	ADDRESS	4	TVTVPTH	"V(AVAILPTH)" IATGRCT CALL MVS PATH VALIDATION
696	(2B8)	ADDRESS	4	TVTVIOPM	IATINIT MVS PATH VALIDATION RTN IOSVIOPM
700	(2BC)	ADDRESS	4	TVTLPJ3	"V(IATGRLPJ)" IATGRG1 LOCAL POST JES3 ROUTINE
704	(2C0)	ADDRESS	4	TVTSTMD	"V(IATGRSM)" IATGRCT IATXSTMD ROUTINE
708	(2C4)	ADDRESS	4	TVTGRSM1	"V(IATGRSM1)" IATGRCT IATXSTMD SPECIAL ENTRY PT
712	(2C8)	ADDRESS	4	TVTXATDE	"V(IATGRATD)" IATGRG1 ATTACH/DETACH ATDE ROUTINE
716	(2CC)	ADDRESS	4	TVTXJLOK	"V(IATGRLCK)" IATGRG1 OBTAIN/RELEASE LOCK ROUTINE
720	(2D0)	ADDRESS	4	TVTMSMI	IATMSMI ENTRY PT SET BY MSDR
724	(2D4)	ADDRESS	4	TVTOSDIE	SET BY IATINIO OUTPUT SERVICE DIE RTN ADR
728	(2D8)	ADDRESS	4	IATXOSPM	"V(IATOSWPX)" IATOSWP OUTSERV PIPELINE MANAGER
732	(2DC)	ADDRESS	4	TVTOSFP	IATOSFP FSS WRITER PENDING DATASET QUEUE MANAGER
736	(2E0)	ADDRESS	4	TVTDSPIQ	"V(INQOSFCT)" IATIQOI OUTPUT SERVICE INQUIRY IMPLEMENTATION
740	(2E4)	ADDRESS	4	TVTDSPMO	"V(MODOSFCT)" IATMOOI OUTPUT SERVICE MODIFY IMPLEMENTATION
744	(2E8)	ADDRESS	4	TVTJNFND	"V(GRJNFIND)" IATGRJN Find available number 07081SXA using a bit map 07081SXA
748	(2EC)	ADDRESS	4	SRJPSNLK	SET BY IATSNLD SNARJP LCB USE COUNT MANAGER
THESE EQUATED VALUES ARE USED BY THE MACRO IATXSNLK					
		....		SNLKINC	"X'00000000',4" SNARJP - INCREMENT USE COUNT
		.... .1..		SNLKDEC	"X'00000004',4" SNARJP - DECREMENT USE COUNT

Table 287. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		SNLKINNC	"X'00000008',4" SNARJP - INC USE COUNT NO CHECK
		....		SNLKERR	"X'80000000',4" SNARJP - ERROR EXIT SPECIFIED
		....		SNLKNORM	"X'40000000',4" SNARJP - NORMAL EXIT SPECIFIED
752	(2F0)	ADDRESS	4	SRJPSNFS	SET BY IATSNLD SNARJP FAILDSP PROCESSOR
756	(2F4)	ADDRESS	4	SRJPSNST	SET BY IATSNLD SNARJP TERMINATION STATUS MANG
THESE EQUATED VALUES ARE USED BY THE MACRO IATXSNST					
		....		SNSTON	"X'00000000',4" SNARJP - TURN STATUS BIT ON
		.... .1..		SNSTOFF	"X'00000004',4" SNARJP - TURN STATUS BIT OFF
		.... 1...		SNSTTEST	"X'00000008',4" SNARJP - TEST STATUS BIT
		.... 11..		SNSTTNCH	"X'0000000C',4" SNARJP - TEST STATUS BIT NO CHK
		....		SNSTERR	"X'80000000',4" SNARJP - ERROR EXIT SPECIFIED
		....		SNSTNORM	"X'40000000',4" SNARJP - NORMAL EXIT SPECIFIED
		1...		SNSTQI	"X'80'" SNARJP - QUIESCE IMMEDIATE
		.1..		SNSTQ	"X'40'" SNARJP - QUIESCE
		..1.		SNSTRQ	"X'20'" SNARJP - CLSDST REQUESTED
		...1		SNSTCM	"X'10'" SNARJP - CLSDST COMPLETED
		.... 1...		SNSTFCB	"X'08'" SNARJP - CONTROL BLOCK TO BE FREED
		.... .1..		SNSTONTQ	"X'04'" SNARJP - LCB HAS BEEN ON TERMINATE QUEUE
760	(2F8)	ADDRESS	4	SRJPSNDN	SET BY IATSNLD DFC NEG RESPONSE ROUTINE
764	(2FC)	ADDRESS	4	SRJPSNDV	SET BY IATSNLD DFC RECEIVE ROUTINE
768	(300)	ADDRESS	4	SRJPNDRA	SET BY IATSNLD DFC RECEIVE ANY ROUTINE
772	(304)	ADDRESS	4	SRJPSNDT	SET BY IATSNLD DFC RESTART ROUTINE
776	(308)	ADDRESS	4	SRJPSNDG	SET BY IATSNLD DFC RUGET ROUTINE
780	(30C)	ADDRESS	4	SRJPSNDM	SET BY IATSNLD DFC STATE MANAGER ROUTINE
784	(310)	ADDRESS	4	SRJPSNDO	SET BY IATSNLD DFC WSOPEN ROUTINE
788	(314)	ADDRESS	4	SRJPSNDC	SET BY IATSNLD DFC WSCLOSE ROUTINE
792	(318)	ADDRESS	4	SRJPSNDD	SET BY IATSNLD DFC DFASY ROUTINE
796	(31C)	ADDRESS	4	AIATINIT	"V(IATINIT)" IATINIT JES3 NUCLEUS ENTRY POINT
800	(320)	ADDRESS	4	IATXCNS	"V(XCNSTART)" IATCNRN XCNS SERVICE ROUTINE
804	(324)	ADDRESS	4	CONCNJS	"V(IATCNJS)" IATCNJS CONSOLE JESTAE ROUTINE
808	(328)	ADDRESS	4	TATUPDWR	"V(TATUPDWT)" IATDMTK TAT update write routine
812	(32C)	ADDRESS	4	TVTJMF	JMF CSECT ADDRESS 431

Table 287. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
816	(330)	ADDRESS	4	OSGRJGET	"V(OSGRJMRG)" IATXJMR TYPE=GET SERV RTN
820	(334)	ADDRESS	4	OSGRJPUT	"V(OSGRJMRP)" IATXJMR TYPE=PUT SERV RTN
824	(338)	ADDRESS	4	OSGRJREL	"V(OSGRJMRR)" IATXJMR TYPE=REL SERV RTN
828	(33C)	ADDRESS	4	TVTRD080(2)	Reserved for Development
836	(344)	ADDRESS	4	TATUPDWX	"V(TATUPDW2)" IATDMTK TAT update write routine
840	(348)	ADDRESS	4	DMTKSTTR	"V(DMTKSTTP)" IATDMTK STT Purge routine 18540TBA
844	(34C)	ADDRESS	4	DJCFREE	"V(DJCFREEX)" IATDCNC DJC FREE STORAGE SERVICE
848	(350)	ADDRESS	4	TVTXTRCD	"V(IATXTRCD)" IATGRG1 Data space trace routine
852	(354)	ADDRESS	4	TVTCSBTU	"V(CSBTUPDT)" IATGRJA CSBT/JET update routine
856	(358)	ADDRESS	4	TVTCSBTR	"V(CSBTRCVY)" IATGRJA CSBT/JET recovery routine
860	(35C)	ADDRESS	4	TVTRU080(6)	RESERVED FOR USER
884	(374)	ADDRESS	4	TVTEPS(0)	END OF NON-COUNTABLE ENTRY POINTS

NOTE: TVTEPS MARKS END OF SECTION 1 OF ROUTINE ENTRY POINTS
ABACKR MARKS BEGINNING OF SECTION 2 OF ROUTINE ENTRY
POINTS AND TVTEPE MARKS THE END OF THE WHOLE SECTION.
IATUTIC MUST BE UPDATED FOR ANY CHANGES TO THE TVT ENTRY
POINTS

884	(374)	SIGNED	4	TVTEPCST(0)	START OF COUNTABLE ENTRY POINTS
884	(374)	ADDRESS	4	ABACKR	"V(BACKR0)" IATDMDT BACKSPACE RECORD
888	(378)	ADDRESS	4	ABENDAPG	SET BY IATGROP ABNORMAL END APPENDAGE
892	(37C)	ADDRESS	4	ABLOCK	"V(BLOCK)" IATDMDT I/O BLOCK
896	(380)	ADDRESS	4	ACLOSE	"V(CLOSE)" IATDMNC I/O CLOSE
900	(384)	ADDRESS	4	ACONSRMT	SET BY IATINPK REMOTE CONSOLE PROCESSING
		1...		TVTCONSR	"X'80'" HIGH ORDER BIT OF ACONSRMT 1 - RJP INDICATOR
904	(388)	ADDRESS	4	ACTLTRAP	"V(TMSTMREX)" IATGRTM ATIME STIMERM APPENDAGE
908	(38C)	ADDRESS	4	ADEBLOCK	"V(DEB)" IATDMDT I/O DEBLOCK
912	(390)	ADDRESS	4	ADELETE	"V(DELETEX)" IATGRLD MODULE DELETE
		1...		TVTDELET	"X'80'" HIGH ORDER BIT OF ADELETE 1- REFRESH REQUESTED FOR DELETE
916	(394)	ADDRESS	4	ADEQ	"V(RESMGMT)" IATGRRQ RESOURCE MANAGEMENT
916	(394)	X'394'	0	AENQ	"ADEQ" IATGRRQ RESOURCE MANAGEMENT
916	(394)	X'394'	0	ATEST	"ADEQ" IATGRRQ RESOURCE MANAGEMENT
920	(398)	ADDRESS	4	AFDADD	"V(FDADD)" IATDMNC ADD ENTRY TO FILE DIRECTORY
924	(39C)	ADDRESS	4	AFDDELET	"V(FDDELET)" IATDMNC DELETE ENTRY FROM FILE DIR.
928	(3A0)	ADDRESS	4	AFDFIND	"V(FDFIND)" IATDMNC SCAN FILE DIRECTORY
932	(3A4)	ADDRESS	4	AGETBUF	"V(GETBUF)" IATDMNC GETBUF
936	(3A8)	ADDRESS	4	TVTRD082	RESERVED FOR DEVELOPMENT

Table 287. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
940	(3AC)	ADDRESS	4	TVTRS090	RESERVED FOR SERVICE
944	(3B0)	ADDRESS	4	ALOAD	"V(LOADX)" IATGRLD MODULE LOAD
948	(3B4)	ADDRESS	4	ALOCATE	"V(LOCATE)" IATDMDT I/O LOCATE
952	(3B8)	ADDRESS	4	ANOTE	"V(NOTE)" I/O NOTE
956	(3BC)	ADDRESS	4	AOPEN	"V(OPEN)" IATDMNC I/O OPEN
960	(3C0)	ADDRESS	4	AOPEND	"V(OPEND)" I/O OPEN AT END
964	(3C4)	ADDRESS	4	APOINT	"V(POINT)" I/O POINT
968	(3C8)	ADDRESS	4	APURGE	"V(PURGEA)" IATDMTK SPOOL SPACE PURGE
972	(3CC)	ADDRESS	4	APUTBUF	"V(PUTBUF)" IATDMNC PUTBUF
976	(3D0)	ADDRESS	4	TVTRD084	RESERVED FOR DEVELOPMENT
980	(3D4)	ADDRESS	4	ARELEASE	"V(RELEASE)" IATDMNC I/O RELEASE
984	(3D8)	ADDRESS	4	ASPABND0	SET BY IATABN0 ABEND
		1...		TVTABNOF	"X'80'" HIGH ORDER BIT OF ASPABND0 1-ABN0 DOESN'T CALL ABNO
988	(3DC)	ADDRESS	4	TVTRD086	RESERVED FOR DEVELOPMENT
992	(3E0)	ADDRESS	4	ATRACK	"V(TRACK)" IATDMTK SPOOL SPACE ALLOCATION
ATRACK IATDMTA FOR CI FSS					
996	(3E4)	ADDRESS	4	TVTJBTXP	"V(TRKXPND2)" IATDMTK JOB TAT EXPANSION ROUTINE
1000	(3E8)	ADDRESS	4	TVTSPCK	"V(SPOOLCK)" IATGRCP CHECKPOINT SPOOL STATUS ROUTINE
1004	(3EC)	ADDRESS	4	TVTPTCKP	"V(PTATCKP)" IATGRCP PTAT CKPT ENTRY POINT
1008	(3F0)	ADDRESS	4	TVTRD090(4)	RESERVED FOR DEVELOPMENT
1024	(400)	ADDRESS	4	AWRITE	"V(WRITE)" IATDMNC SINGLE-BUFFER WRITE
1028	(404)	ADDRESS	4	CONCNVRT	"V(CONCLASS)" IATCNRN CONVERT CONS CLASS TO DISP-MASK
1032	(408)	ADDRESS	4	CHENDAPG	SET BY IATGROP CHANNEL END APPENDAGE
1036	(40C)	ADDRESS	4	TVTRD095	RESERVED FOR DEVELOPMENT
1040	(410)	ADDRESS	4	TESTSRS	"V(SRSTEST)" IATGRGU TEST DSP DEVICE REQUIREMENT
1044	(414)	ADDRESS	4	TVTRD100	RESERVED FOR DEVELOPMENT
1048	(418)	ADDRESS	4	CONREVRT	"V(DESTNAME)" IATCNRN DISP-MASK TO DEST CLASS NAME
1052	(41C)	ADDRESS	4	CONSAUTH	"V(IATCNIA)" IATCNIA CONSOLE AUTHORITY VALIDATION
1056	(420)	ADDRESS	4	DEQMSG	"V(DEQMSGX)" IATCNDQ CONSOLE BUFFER DEQUEUE
1060	(424)	ADDRESS	4	DEVSCAN	"V(DSPSCN)" IATGRG1 IN/OUT PARAMETER SCAN
1064	(428)	ADDRESS	4	DYNALRTY	SET BY IATINDY DYNAL ERROR RECOVERY
1068	(42C)	ADDRESS	4	IATXCPYF	"V(COPYFILE)" IATDMDT Copy File Service
1072	(430)	ADDRESS	4	FINDJNUM	"V(JOBNTEST)" IATGRJN FIND JOB NUMBER
1076	(434)	ADDRESS	4	GETUNIT	"V(GETUNI)" IATGRGU GETUNIT
1080	(438)	ADDRESS	4	IATXAMDV	"V(IATAMDV)" IATGRGU AMBIGUOUS DEVICE MSG RTN
1084	(43C)	ADDRESS	4	IATXELA	"V(ECFADD)" IATGRCT ECF LIST ADD

Table 287. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1088	(440)	ADDRESS	4	IATXELD	"V(ECFDEL)" IATGRCT ECF LIST DELETE
1092	(444)	ADDRESS	4	IATXELS	"V(ECFSCAN)" IATGRCT ECF LIST SCAN
1096	(448)	ADDRESS	4	IATXERCV	"V(IATERCV)" IATDMNC CHAINED SRF ERROR RECOVERY
1100	(44C)	ADDRESS	4	IATXGOSE	"V(IATGOSE)" IATOSGP GET MASTER OSE ROUTINE
1104	(450)	ADDRESS	4	IATXIOX	"V(IOCHECK)" IATDMNC CHECK SRF IO COMPLETION
1108	(454)	ADDRESS	4	IATXIWT	IATIIMS INTERPRETER MESSAGE ROUTINE
1112	(458)	ADDRESS	4	IATXPRMD	"V(PRMDTBEX)" IATOSGR PROCESS MODE TABLE EXECUTOR
1116	(45C)	ADDRESS	4	TVTRD110	RESERVED FOR DEVELOPMENT
1120	(460)	ADDRESS	4	IATXPOSE	"V(IATPOSE)" IATOSGP PUT MASTER OSE ROUTINE
1124	(464)	ADDRESS	4	IATXPRT	"V(XPRT)" IATGRG1 GNRALZED CORE DUMP
1128	(468)	ADDRESS	4	IATXRABC	"V(DMTKRABC)" IATDMTK I/O RAB CREATE ROUTINE
1132	(46C)	ADDRESS	4	IATXRABD	"V(DMTKRABD)" IATDMTK I/O RAB DESTROY ROUTINE
1136	(470)	ADDRESS	4	IATXRABP	"V(DMTKRABP)" IATDMTK I/O RAB PROCESS ROUTINE
1140	(474)	ADDRESS	4	IATXRELC	"V(DTRELCHN)" IATDMDT I/O RELEASE CHAIN
1144	(478)	ADDRESS	4	IATXSCN1	"V(CONSCAN1)" IATCNRN MESSAGE SCAN ROUTINE ENTRY
1148	(47C)	ADDRESS	4	IATXSCN2	"V(CONSCAN2)" IATCNRN MESSAGE SCAN ROUTINE ENTRY
1152	(480)	ADDRESS	4	IATXSMF	"V(IATSMFW)" IATOSGR QUEUE SMF WRITE REQUEST
1156	(484)	ADDRESS	4	IATXSPR	"V(IATXSPRE)" IATOSGR QUEUE SETPRT REQUEST
1160	(488)	ADDRESS	4	TVTRD112	RESERVED FOR DEVELOPMENT
1164	(48C)	ADDRESS	4	INTERCOM	"V(IATCNICX)" IATCNIC INTERCOM
1168	(490)	ADDRESS	4	JDSADD	"V(JDSADDX)" IATGRJA JDS ADD
1172	(494)	ADDRESS	4	IATXFRQ	"V(FREERSQ)" IATGRRQ FREE RESQUEUE
1176	(498)	ADDRESS	4	JDSGET	"V(JDSGETX)" IATGRJA JDS GET
1180	(49C)	ADDRESS	4	JDSHOLD	"V(JDSHOLDX)" IATGRJA JDS HOLD
1184	(4A0)	ADDRESS	4	JDSPOINT	"V(JDSPNTX)" IATGRJA JDS POINT
1188	(4A4)	ADDRESS	4	JDSPUT	"V(JDSPUTX)" IATGRJA JDS PUT
1192	(4A8)	ADDRESS	4	JDSREL	"V(JDSRELX)" IATGRJA JDS RELEASE
1196	(4AC)	ADDRESS	4	JESCLOSE	SET BY IATGROP DEVICE CLOSE
1200	(4B0)	ADDRESS	4	TVTCL012	SET BY IATGROP JESCLOSE BRANCH ENTRY
1204	(4B4)	ADDRESS	4	JESEXCP	SET BY IATGROP DEVICE EXCP
1208	(4B8)	ADDRESS	4	JESCKPNT	"V(JESCHECK)" IATGRCP CHECKPOINT
1212	(4BC)	ADDRESS	4	TVTRD118	Reserved for development
1216	(4C0)	ADDRESS	4	JESMODLK	SET BY IATABMN MODULE NAME LOOK-UP ROUTINE
1220	(4C4)	ADDRESS	4	JESMSG	"V(JESMSGX)" IATGRJM Write msg in job's JESMSGLG
1224	(4C8)	ADDRESS	4	JESOPEN	SET BY IATGROP DEVICE OPEN
1228	(4CC)	ADDRESS	4	JESREAD	"V(READ)" IATDMNC SINGLE-BUFFER READ

Table 287. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1232	(4D0)	ADDRESS	4	JESSNAP	IATGRVT(F) CHNGD BY JESSNAP WHEN CALLED
1236	(4D4)	ADDRESS	4	TODMSG	"V(TODMSGX)" IATGRJM Create TOD message for job's JESMSGLG dataset
1240	(4D8)	ADDRESS	4	TVTSNPNA	SET BY IATABMN SNAP NUCTASK
1244	(4DC)	ADDRESS	4	JNADD	"V(JNADDX)" IATDCNC JNCB ADD
1248	(4E0)	ADDRESS	4	JNCBHLD	"V(JNCBHLDX)" IATDCNC JNCB SPECIFIC HOLD
1252	(4E4)	ADDRESS	4	JNCBREL	"V(JNCBRELX)" IATDCNC JNCB SPECIFIC RELEASE
1256	(4E8)	ADDRESS	4	JNDEL	"V(JNDELX)" IATDCNC JNCB DELETE
1260	(4EC)	ADDRESS	4	JNGET	"V(JNGETX)" IATDCNC JNCB GET
1264	(4F0)	ADDRESS	4	JNUMR	"V(RETURNJN)" IATGRJN RETURN A JOB NUMBER
1268	(4F4)	ADDRESS	4	JSERV	"V(JSERVX)" IATSSJS SUBSYSTEM COMMUNICATION
1272	(4F8)	ADDRESS	4	JSSDADR	"V(IATGRJS)" IATGRJS EP FOR IATGRJS
1276	(4FC)	ADDRESS	4	LOGIN	"V(LOGINX)" IATGRLG CONSOLE LOGIN
1280	(500)	ADDRESS	4	LOGOUT	"V(LOGOUTX)" IATGRLG CONSOLE LOGOUT
1284	(504)	ADDRESS	4	IATXRCVL	"V(RCVALID)" IATCNRN ROUTE CODE/DEST CLASS VALIDATION ROUTINE
1288	(508)	ADDRESS	4	TVTRD117	RESERVED FOR DEVELOPMENT
1292	(50C)	ADDRESS	4	MOVEDATA	"V(MOVE)" IATDMDT MOVE DATA
		1...		NCKLOCKD	"X'80'" NCK ROUTINES IN USE
1296	(510)	ADDRESS	4	NCBTAADD	"V(NCBTAADX)" IATDCNC NCB ADD
1300	(514)	ADDRESS	4	NCBTAFND	"V(NCBTAFDX)" IATDCNC NCB FIND
1304	(518)	ADDRESS	4	NCBTAGET	"V(NCBTAGTX)" IATDCNC NCB GET
1308	(51C)	ADDRESS	4	NCBTAPUT	"V(NCBTAPTX)" IATDCNC NCB WRITE
1312	(520)	ADDRESS	4	NCBTAREL	"V(NCBTARLX)" IATDCNC NCB RELEASE
1316	(524)	ADDRESS	4	NCKADD	"V(NCKTADDX)" IATDCNC NCB CKPT ADD
1320	(528)	ADDRESS	4	NCKDEL	"V(NCKTADLX)" IATDCNC NCB CKPT DEL
1324	(52C)	ADDRESS	4	POSTSRS	"V(SRSPOST)" IATGRGU POST SPEC RESHD DSPS UAVL
1328	(530)	ADDRESS	4	PURCHAIN	"V(PURGCHN)" IATDMNC PURGE SINGLE-RECORD FILE CHAIN
1332	(534)	ADDRESS	4	PUTUNIT	"V(PUTUNI)" IATGRGU PUTUNIT
1336	(538)	ADDRESS	4	RCLOSE	IATRJM2 CLOSE TERMINAL DEVICE
1340	(53C)	ADDRESS	4	TVTRD120(2)	RESERVED FOR DEVELOPMENT
1348	(544)	ADDRESS	4	TVTRS120(2)	RESERVED FOR SERVICE
1356	(54C)	ADDRESS	4	TVTRU120(2)	RESERVED FOR USER
1364	(554)	ADDRESS	4	RJPIO	IATRJM2 I/O TO TERMINAL DEVICE
1368	(558)	ADDRESS	4	RJPSNAP	IATGRVT CHANGED BY RJPSNPS DSP
1372	(55C)	ADDRESS	4	ROPEN	IATRJM2 OPEN TERMINAL DEVICE
		1...		TVTRJPAC	"X'80'" HI-ORDER BIT OF ROPEN 1 - RJP IS ACTIVE
1376	(560)	ADDRESS	4	TVTRU130	RESERVED FOR USER
1380	(564)	ADDRESS	4	RQTAADD	"V(RQTAADDX)" IATGRRQ RESQUEUE TABLE ADD
1384	(568)	ADDRESS	4	RQTADEL	"V(RQTADELX)" IATGRRQ RESQUEUE TABLE DELETE

Table 287. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1388	(56C)	ADDRESS	4	RQTAPUT	"V(RQTAPUTX)" IATGRRQ RESQUEUE TABLE PUT
1392	(570)	ADDRESS	4	TVTRD130	RESERVED FOR DEVELOPMENT
1396	(574)	ADDRESS	4	TVTRS130	RESERVED FOR SERVICE
1400	(578)	ADDRESS	4	SPINOFF	"V(SPINOFFX)" IATOSGR SPINOFF SCHEDULING
1404	(57C)	ADDRESS	4	TVTRS140(24)	RESERVED FOR SERVICE
1500	(5DC)	ADDRESS	4	TVTCISCH	IATIICS C/I SCHEDULER ENTRY POINT
1504	(5E0)	ADDRESS	4	TVTDSSCH	IATIIPC DISABLE PROCESSING AND SCHEDULING ENTRY POINT
1508	(5E4)	ADDRESS	4	TVTPSSCH	IATIIPS POSTSCAN SCHEDULER ENTRY PT
1512	(5E8)	ADDRESS	4	TVJCTREL	"V(XJCT2000)" IATGRJX DEQ FCT FROM ALL JCT'S
1516	(5EC)	SIGNED	4	TVTRD00H	RESERVED FOR DEVELOPMENT
1520	(5F0)	ADDRESS	4	TVTDISK	"V(DISK)" IATDMNC ENTRY PT FROM JSAM FCT
1524	(5F4)	ADDRESS	4	TVTFSEPS(0)	Start IATGRFS entry pt list
1524	(5F4)	ADDRESS	4	TVTFSSST	IATGRFS IATXFSS TYPE=START ENTRY
1528	(5F8)	ADDRESS	4	TVTFSSFS	IATGRFS IATXFSS TYPE=FSSSTART ENTRY
1532	(5FC)	ADDRESS	4	TVTFSSCK	IATGRFS IATXFSS TYPE=CHKPT ENTRY
1536	(600)	ADDRESS	4	TVTFSSAB	IATGRFS IATXFSS TYPE=ABEND ENTRY
1540	(604)	ADDRESS	4	TVTFSSCL	IATGRFS IATXFSS TYPE=CLEANUP ENTRY
1544	(608)	ADDRESS	4	TVTFSSAM	IATGRFS IATXFSS TYPE=AMBCHK ENTRY
1548	(60C)	ADDRESS	4	TVTFSSFP	IATGRFS IATXFSS TYPE=FSAPOST ENTRY
1552	(610)	ADDRESS	4	TVTFSSRS	IATGRFS FSS Resource Termination Routine
1556	(614)	ADDRESS	4	TVTFSSAR	IATGRFS IATXFSS TYPE=AUTOREST E.P.
1560	(618)	ADDRESS	4	TVTFSEPN(0)	End IATGRFS entry pt. list
1560	(618)	X'24'	0	TVTFSEPL	"TVTFSEPN-TVTFSEPS" Len IATGRFS entry pt. list
1560	(618)	ADDRESS	4	TVTGMS1	"V(UPDTCLCN)" IATMSCC Update GMS constraints
1564	(61C)	ADDRESS	4	TVTINPUT	"V(INPUT)" IATDMNC I/O INPUT ROUTINE
1568	(620)	ADDRESS	4	TVTOUTPT	"V(OUTPUT)" IATDMNC I/O OUTPUT ROUTINE
1572	(624)	ADDRESS	4	TVTXJCT	"V(IATXJCT)" IATGRJX JCT ACCESS ROUTINE
1576	(628)	ADDRESS	4	TVTXJQE	"V(IATXJQE)" IATGRJX JQE ACCESS ROUTINE
1580	(62C)	ADDRESS	4	TVTXSQE	IATGRSQ ADDR OF STORAGE Q MNGR
1584	(630)	ADDRESS	4	TVTXTOD	"V(TODX)" IATGRCT TOD SERVICE ROUTINE
		1...		TVTXTODF	"X'80'" HIGH ORDER BIT OF TVTXTODF 1-BINARY REQUEST
1588	(634)	ADDRESS	4	TVTCNTOR	"V(CNTORG)" IATGRCT RTN TO CYCLE FCTS W/O AWAIT
1592	(638)	ADDRESS	4	TVTDSP00	"V(ATMDSP00)" IATGRCT AUX TASK DISPATCHER
1596	(63C)	ADDRESS	4	VATAFCT	"V(ATAFCT)" IATGRG1 ATTACH FCT ROUTINE
1600	(640)	ADDRESS	4	VGETFCT	"V(GETFCT)" IATGRG1 GET FCT ROUTINE
1604	(644)	ADDRESS	4	VGETRSQ	"V(GETRSQ)" IATGRRQ GET RESQUEUE ROUTINE

Table 287. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1608	(648)	ADDRESS	4	WRTCHAIN	"V(WRTCHN)" IATDMNC WRITE CHAIN OF SRF-S
1612	(64C)	ADDRESS	4	ZEROCORE	"V(ZEROCRE)" IATDMNC CLEAR CORE TO ZEROS
1616	(650)	ADDRESS	4	IATXOSWS	"V(IATOSWS)" IATOSWS OUTPUT SERVICE SCHEDULER
1620	(654)	ADDRESS	4	IATXOSSC	"V(IATOSSC)" IATOSSC OUTPUT SERVICE SUBSYSTEM SYSOUT REQUEST SCHEDULER
1624	(658)	ADDRESS	4	IATXOSBM	"V(IATOSBM)" IATOSBM OUTPUT SERVICE BDT MANAGER
1628	(65C)	ADDRESS	4	IATXOSPC	"V(IATOSPC)" IATOSPC OUTPUT SERVICE PSO REQUEST SCHEDULER
1632	(660)	ADDRESS	4	IATXOSSO	"V(IATOSSO)" IATOSSO Output Service SYSOUT Appl Programming Interface (SAPI)
1636	(664)	ADDRESS	4	TVTJQENQ	"V(JSSJQENQ)" IATGRJS ADD A JQE TO A READY OR WAIT QUEUE
1640	(668)	ADDRESS	4	TVTJQEDQ	"V(JSSJQEDQ)" IATGRJS DELETE A JQE FROM A READY OR WAIT QUEUE
1644	(66C)	ADDRESS	4	TVTNOTFY	"V(JSSNOTFY)" IATGRJS NOTIFY ROUTINE
1648	(670)	ADDRESS	4	DLOCON	"V(SSDSDLON)" IATSSDS Activate a dest queue entry
1652	(674)	ADDRESS	4	DSQLOCEP	"V(SSDSDLOC)" IATSSDS Locate a dest queue entry
1656	(678)	ADDRESS	4	DLOCOFF	"V(SSDSDLOF)" IATSSDS Deactivate a dest queue entry
1660	(67C)	ADDRESS	4	TVTRD150(3)	RESERVED FOR DEVELOPMENT
1672	(688)	ADDRESS	4	TVTRS150(9)	RESERVED FOR SERVICE
1708	(6AC)	ADDRESS	4	TVTRU150(10)	RESERVED FOR USER
1748	(6D4)	ADDRESS	4	TVTEPE(0)	END OF ENTRY POINTS
TVTEPE MARKS THE END OF THE TVT ENTRIES IMPACTING IATUTIC MISCELLANEOUS TABLES AND DATA POINTERS - FULLWORD					
1748	(6D4)	ADDRESS	4	AASPMAP	"V(NUCMAP)" IATGRVT(F) MAP OF IATNUC CSECTS
1752	(6D8)	ADDRESS	4	ABENDDCB	SET BY IATABN0 ABEND DCB
1756	(6DC)	ADDRESS	4	TVTRD151	RESERVED FOR DEVELOPMENT 0216
1760	(6E0)	ADDRESS	4	ACONCONS	"V(IATCNCN)" DATA CSECT FOR CONSOLE SERVICE
1764	(6E4)	ADDRESS	4	TVTRD152	RESERVED FOR DEVELOPMENT
1768	(6E8)	ADDRESS	4	ASYSIOSP	SET BY IATINC2 CONSOLE ATTENTION SAVE
1772	(6EC)	ADDRESS	4	TVTRD155	Reserved for development
1776	(6F0)	ADDRESS	4	JESMSGRT	SET BY IATINC2 ROUTE CODE MAPPING TABLE
1780	(6F4)	SIGNED	4	TVT8500D	MSG ADDR FOR IAT8500 MESSAGE
1784	(6F8)	ADDRESS	4	TVTFDCTA	IATINIO Address of File Directory 0008 (FD) Control area 0008
1788	(6FC)	ADDRESS	4	TVTRSV01	Reserved 0008
1792	(700)	ADDRESS	4	AIOFDLST	IATINIO ADDRESS OF LAST FD ENTRY
1796	(704)	ADDRESS	4	AIOFDTOP	IATINIO ADDRESS OF FIRST FD ENTRY
1800	(708)	SIGNED	2	TVTMXINT	JES3 INITIATOR LIMIT
1802	(70A)	SIGNED	2	TVTSUPNO	SET BY IATINDEV NUMBER OF SUPUNITS

Table 287. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1804	(70C)	ADDRESS	4	TVTEUDTA	"V(EUDATA)" IATDMTK Extent Utilization Data 16763TDA
1808	(710)	BITSTRING	12	TVTDSFDB	DUMP SUPPRESSION CKPT
1820	(71C)	ADDRESS	4	TVTDMCDE	DUMP SUPPRESSION TABLE
GMS LOCK FLAG AND HOLDING FCT ADDRESS					
1824	(720)	SIGNED	4	TVTGMSUP	GMS FCT
1828	(724)	BITSTRING	1	TVTGMSFL	GMS FLAG
		1...		TVTGMSP	"X'80'" GMS UPDATE PENDING
1829	(725)	BITSTRING	3	TVTRU160	RESERVED FOR USER
1832	(728)	ADDRESS	4	ASPTCB	"V(ASPTCBX)" IATGRCT TCB ADCON
1836	(72C)	ADDRESS	4	TVTRDYFC	"V(RDYQFCT)" READY QUEUE FCT ADDRESS
1840	(730)	ADDRESS	4	CKPTAREA	IATINGL CHECKPOINT AREA
1844	(734)	ADDRESS	4	TVTIRA	INTRDR ANCHOR BLOCK ADDRESS
1848	(738)	ADDRESS	4	TVTHWQE	END OF HOT WRITER WAIT QUEUE0370
1852	(73C)	ADDRESS	4	DRDCB	IATISCB DCB FOR IATISDR
1856	(740)	ADDRESS	4	DSIFCT	"V(DSIFCT)" IATGRPT DYNAMIC SYSTEM INTERCHANGE FCT
1860	(744)	ADDRESS	4	DSPCONVI	"V(CI)" IATGRPT(F) DSP DICT ENTRY FOR CI
1864	(748)	ADDRESS	4	DSPDISBL	"V(DISABLE)" IATGRPT DSP DICT ENTRY FOR DISABLE
1868	(74C)	ADDRESS	4	DSPENABL	"V(ENABLE)" IATGRPT DSP DICT ENTRY FOR ENABLE
1872	(750)	ADDRESS	4	DSPISDRV	"V(ISDRVR)" IATGRPT DSP DICT ENTRY FOR INPUT SERV.
1876	(754)	ADDRESS	4	DSPMAIN	"V(MAIN)" IATGRPT DSP DICT ENTRY FOR MAIN
1880	(758)	ADDRESS	4	DSPPSTSC	"V(POSTSCAN)" IATGRPT DSP DICT ENTRY FOR POSTSCAN
1884	(75C)	ADDRESS	4	DSPDMJA	"V(DMJA)" IATGRPT DSP DICT ENTRY FOR DMJA
1888	(760)	ADDRESS	4	DSPOUTPT	"V(OUTSERV)" IATGRPT DSP DICT ENTRY FOR OUTSERV
1892	(764)	ADDRESS	4	DSPFSSCT	"V(FSSCONT)" IATGRPT DSP DICT ENTRY FOR FSS CONTROLLER
1896	(768)	ADDRESS	4	DSPURGE	"V(PURGE)" IATGRPT DSP DICT ENTRY FOR PURGE
		1...		TVTDRFLG	"X'80'" HIGH ORDER BIT OF DRDCB 1 = DRDCB IN USE
1900	(76C)	BITSTRING	1	DNMCONVI	IATGRPT(F) DSP NUMBER FOR CI
1901	(76D)	BITSTRING	1	DNMDISBL	IATGRPT DSP NUMBER FOR DISABLE
1902	(76E)	BITSTRING	1	DNMENABL	IATGRPT DSP NUMBER FOR ENABLE
1903	(76F)	BITSTRING	1	DNMISDRV	IATGRPT DSP NUMBER FOR INPUT SERV.
1904	(770)	BITSTRING	1	DNMMAIN	IATGRPT DSP NUMBER FOR MAIN
1905	(771)	BITSTRING	1	DNMPSTSC	IATGRPT DSP NUMBER FOR POSTSCAN
1906	(772)	BITSTRING	1	TVTRD190	RESERVED FOR DEVELOPMENT
1907	(773)	BITSTRING	1	DNMOUTPT	IATGRPT DSP NUMBER FOR OUTSERV
1908	(774)	BITSTRING	1	DNMPURGE	IATGRPT DSP NUMBER FOR PURGE
1909	(775)	BITSTRING	1	TVTRD200	RESERVED FOR DEVELOPMENT
1910	(776)	SIGNED	2	TVTSJFWK	IATUX20 SWBTUREQ WORKING STG SIZE

Table 287. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1912	(778)	ADDRESS	4	FIRSTDEB	SET BY IATGROP ADDR OF JES3 EXCP DEB AVT
1916	(77C)	ADDRESS	4	TVTFSFCT	"V(FSFCT)" IATGRPT FCT FOR FAILSOFT
1920	(780)	ADDRESS	4	TVTWTFCT	"V(WAITFCT)" IATGRPT WAIT FCT
1924	(784)	ADDRESS	4	IOERRFCT	SET BY IATDMGB DISK I/O ERROR RECOVERY FCT
1928	(788)	ADDRESS	4	TVTSPLST	IATINSP SPOOL PARTITION QUEUE
1932	(78C)	ADDRESS	4	TVTTGBAD	IATDMTK ADDR OF TRACK BYPASS TABLE
1936	(790)	ADDRESS	4	TVTBTR	IATDMTK BTR CKPT RCD (CKPT DS BACKUP)
1940	(794)	ADDRESS	4	TVTPTCAD	IATINSP ADDR OF PTAT CKPT RECORD
1944	(798)	ADDRESS	4	TVTSPREL	IATINSP SPART RELATIVE VECTOR
1948	(79C)	ADDRESS	4	TVTEXREL	IATINSP EXTENT RELATIVE VECTOR
1952	(7A0)	ADDRESS	4	TVTSPINT	IATINSP INITIALIZATION SPOOL PARTITION
1956	(7A4)	ADDRESS	4	TVTSPDEF	IATINSP DEFAULT SPOOL PARTITION
1960	(7A8)	BITSTRING	8	TVTSPID	IATINSD SPOOL CHECKPNT ID (DATE/TIME)
1968	(7B0)	BITSTRING	1	TVTSPFLG	SPOOL STATUS FLAGS
	DEFINITION OF TVTSPFLG				
		1...		TVTSPPCK	"X'80'" IATGRCP PTATS CHECKPOINTED
		.1..		TVTSPDEL	"X'40'" IATINSD A SPOOL DS WAS DELETED
		..1.		TVTSPUNV	"X'20'" IATINSD A SPOOL DS IS UNAVAILABLE
		...1		TVTSPRPL	"X'10'" IATINSD A SPOOL DS WAS REPLACED
		.... 1...		TVTSPADD	"X'08'" IATINSD A SPOOL DS ADDED ON RESTART
		.... .1..		TVTSPSTT	"X'04'" IATINST STT EXTENTS ALLOCATED DYNAM.
		.... ..1.		TVTSPCHG	"X'02'" IATMOSP TAT MANIPULATION IN PROGRESS
		1		TVTSPTAP	"X'01'" IATINSP TRACK ALLOCATION PERMITTED
1969	(7B1)	BITSTRING	1	TVTSPFL2	Spool status flag 2 16893TBC
	DEFINITION OF TVTSPFL2				
		1...		TVTSTTRP	"X'80'" IATDMTK STT reconfiguration in 16893TBA progress 16893TBA
		.1..		TVTSTTRC	"X'40'" IATDMTK STT reconfig. is complete 16893TBA
1970	(7B2)	SIGNED	2	TVTSP	IATINIO NUMBER OF SPOOL PARTITIONS
1972	(7B4)	BITSTRING	28	TVTRTAT	IATINSNA - RJPTAT FDB
2000	(7D0)	BITSTRING	2	TVTRS210	RESERVED FOR SERVICE
2002	(7D2)	BITSTRING	6	TVTINSPA	SAVED JOB TAT SPOOL ADDRESS USED FOR INITIALIZATION
2008	(7D8)	BITSTRING	12	TVTRU210	RESERVED FOR USER
2020	(7E4)	ADDRESS	4	TVTNTRCA	IATINIT NUC TASK PATH TRACE TABLE
2024	(7E8)	ADDRESS	4	TVTATRCA	IATINAX AUX TASK PATH TRACE TABLE
2028	(7EC)	ADDRESS	4	TVTJNCHN	IATGRAN PTR TO IATYJNRM C/BLOCK
2032	(7F0)	ADDRESS	4	TVTRD210	Reserved for development

Table 287. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2036	(7F4)	ADDRESS	4	OSSRQTOP	IATOSDR START OF RQ OUTPUT CHAIN
2040	(7F8)	ADDRESS	4	OSSWAIT	SET BY IATGRRQ OUTPUT SERVICE WAIT Q
2044	(7FC)	ADDRESS	4	TVTRS219	Reserved for development
2048	(800)	DBL WORD	8	(0)	ALIGN TO DOUBLEWORD
2048	(800)	ADDRESS	4	RJPASYNQ	RJP ASYNCHRONOUS BUFFER QUEUE
2052	(804)	ADDRESS	4	RJPECB(0)	RJP POST ECB
2052	(804)	BITSTRING	1	RJPECF	RJP POST FLAG BYTE
2053	(805)	BITSTRING	3		USED BY MVS POST
		1...		RJPECFCE	"X'80'" CHANNEL END OCCURRED
		.1..		RJPECFTM	"X'40'" TIME LIMIT EXPIRED
		..1.		RJPECFAB	"X'20'" RJP LINE TO BE CANCELLED
		...1		RJPECFOP	"X'10'" OPERATOR COMMAND RECEIVED
		.... 1...		RJPECFST	"X'08'" RJP LINE TO BE STARTED
		.... .1..		RJPECFCN	"X'04'" REMOTE CONS Q-ED TO DEPTH
		.... ..1.		RJPECFLL	"X'02'" LOCAL LOCK FREED POST
2056	(808)	ADDRESS	4	RJPLDCTQ	ACTIVE LINE QUEUE
2060	(80C)	ADDRESS	4	RQWTRTOP	SET BY IATGRRQ OUTPUT SERVICE WTR Q
2064	(810)	ADDRESS	4	SNAPDCBA	SET BY IATABMN JES3SNAP DCB
2068	(814)	ADDRESS	4	SPORQTOP	IATOSDR START OF SPINOFF RQ CHAIN
2072	(818)	ADDRESS	4	TVTCITCB	IATINAT C/I SUBTASK TCB
2076	(81C)	ADDRESS	4	TVTICTCH	IATINAT INTERP. CONTROL TABLE CHAIN
2080	(820)	ADDRESS	4	TIDSNT	IATINIF RESDSN TABLE ADDRESS
2084	(824)	ADDRESS	4	TIHWST	IATINIF HIGHWATER SETUP NAME TABLE
2088	(828)	ADDRESS	4	TIPARMS	IATINIF CIPARM TABLE ADDRESS
2092	(82C)	ADDRESS	4	TPROCCHN	IATINIP CI PROCLIB TABLE ADDRESS
2096	(830)	ADDRESS	4	TVTCKFCT	ADDR OF FCT ISSUING ERRXXX
2100	(834)	ADDRESS	4	TVTCKMSG	ADDR OF MSG BUFFER ERRXXX
2104	(838)	BITSTRING	4	TVTFSLGA	IATABMN FAILSOFT LOGOUT AREA (AVAIL)
		1...		TVTFSLOG	"X'80'" HIGH ORDER BIT OF TVTFSLGA 1-LOGOUT AREA AVAILABLE
2108	(83C)	BITSTRING	4	TVTFSWA	IATINIT FAILSOFT WK AREA-SP5 (AVAIL)
		1...		TVTFSWRK	"X'80'" HIGH ORDER BIT OF TVTFSWA 1-WORK AREA AVAILABLE
2112	(840)	ADDRESS	4	TVTIOPRM	IATINSD ADDR I/O PARAMETER BLOCK
2116	(844)	ADDRESS	4	TVTIQECA	"V(INQECF)" INQUIRY ECF ADDRESS
2120	(848)	ADDRESS	3		MUST BE ZERO
2123	(84B)	ADDRESS	1	TVTIQECM	INQUIRY LOCAL PROC ECF MASK
2124	(84C)	ADDRESS	4	TVTITKPM	SET BY IATINIT IATINTK PARMS LIST ADDR
2128	(850)	ADDRESS	4	TVTJDEQ	"V(ALDJDEQ)" IATGRLD JES3 ALOAD Q
2132	(854)	ADDRESS	4	TVTRD215	RESERVED FOR DEVELOPMENT
2136	(858)	ADDRESS	4	TVTLTRC	IATINSV ADDR OF LAST TRACE POINTER
2140	(85C)	ADDRESS	4	TVTMAPRJ	SET BY IATRJDV MAP FOR CSECTS IN IATRJMN
2144	(860)	ADDRESS	4	TVTMOECA	"V(MODECF)" MODIFY ECF ADDRESS
2148	(864)	ADDRESS	3		MUST BE ZERO
2151	(867)	ADDRESS	1	TVTMOECM	MODIFY LOCAL PROC ECF MASK

Table 287. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2152	(868)	ADDRESS	4	TVTMSPAT	SET BY IATINMD ADDRESS OF FIRST IATYPAT
2156	(86C)	ADDRESS	4	TVTMSU	SET BY IATINMD ADDRESS OF FIRST IATYMSU
2160	(870)	ADDRESS	4	TVTNTTCK	IATNTTCK entry point
2164	(874)	ADDRESS	4	TVTFSL	SET BY IATFSLG IATYFSL ADDR IF EXISTS
2168	(878)	ADDRESS	4	TVTABMNE	IATABMN Outer ESTAE entry point
2172	(87C)	ADDRESS	4	OSWSQUE	Writer Wait Queue
2176	(880)	ADDRESS	4	TVTSAPWQ	SAPI Thread Wait for Work Queue
2180	(884)	ADDRESS	4	TVTRS220(3)	RESERVED FOR SERVICE
2192	(890)	BITSTRING	8	TVTLSTST	IATINIT Last start time and date 11565S5A in STCK format.
2200	(898)	ADDRESS	4	TVTRS221	Reserved for service 18684TAC
2204	(89C)	ADDRESS	4	TVTDCNDB	"V(DUMYCNDB)" Address of dummy CNDB in TVT extension
2208	(8A0)	ADDRESS	4	TVTJMQA	JESMSG Q CONTROL ADDRESS
2212	(8A4)	ADDRESS	4	TVTJSSDA	"V(JSSDATA)" JSS WAIT & READY QUEUES
2216	(8A8)	SIGNED	4	TVTMSDM	MSG ID FOR IAT1101/IAT1103
TVTPJCL is the ARM FCT ECF. It must be on a fullword boundary for compare and swap.					
2220	(8AC)	SIGNED	4	(0)	
2220	(8AC)	BITSTRING	1	TVTPJCL	ARM FCT ECF
		1...		TVTPJCLP	"X'80'" XPJCL POST
2221	(8AD)	BITSTRING	1	TVTRD220(3)	RESERVED FOR DEVELOPMENT
2224	(8B0)	ADDRESS	4	TVTNUCT	IATINIT NUC TASK TCB ADDRESS
2228	(8B4)	ADDRESS	4	TVTAUXT	IATINAX AUX TASK TCB ADDRESS
2232	(8B8)	SIGNED	4	TVTSTECB	TASK SERIALIZATION WAIT ECB
2236	(8BC)	ADDRESS	4	TVTSTTCB	ADDRESS OF STATUS STOPPED TCB
2240	(8C0)	ADDRESS	4	TVTATCB	"V(ATCB)" ADDRESS OF ATCB IN IATATCB
2244	(8C4)	ADDRESS	4	SRJPSNDU	SET BY IATSNLD DFC OUTPUT ROUTINE
2248	(8C8)	ADDRESS	4	SRJPSNDR	SET BY IATSNLD DFC RESPONSE IRB ROUTINE
2252	(8CC)	ADDRESS	4	SRJPRSRB	SET BY IATSNLD DFC RESPONSE SRB ROUTINE
2256	(8D0)	ADDRESS	4	SRJPSNDP	SET BY IATSNLD DFC RUPUT ROUTINE
2260	(8D4)	ADDRESS	4	SRJPSNDS	SET BY IATSNLD DFC SEND ROUTINE
2264	(8D8)	ADDRESS	4	SRJPSNDE	SET BY IATSNLD DFC TERMINATE ROUTINE
2268	(8DC)	ADDRESS	4	SRJPRSET	SET BY IATSNLD DFC RESET ENTRY TO SNDE
2272	(8E0)	ADDRESS	4	SRJPSNDF	SET BY IATSNLD DFC FRR ROUTINE
2276	(8E4)	ADDRESS	4	SRJPSNDA	SET BY IATSNLD DFC RC ANALYSIS ROUTINE
2280	(8E8)	ADDRESS	4	TVTRS230	RESERVED FOR SERVICE
2284	(8EC)	ADDRESS	4	TVTRU230(3)	RESERVED FOR USER

Table 287. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		CODE AND ASSOCIATED AREAS Certain dummy instructions are defined as place 0 holders in DSECTs for corresponding real code in 0 IATGRVT. These place holders use hard coded 0 register numbers instead of IATYREG equates because 0 not all register equates are defined in PL/X modules 0 generated from CASE. 0			
2296	(8F8)	ADDRESS	4	TVTTRC2	IATMOTR ADDR OF TRACE TRAP CODE
2300	(8FC)	SIGNED	4	TVTTRC3	IATGRTX R14 SAVE AREA - TRACE TRAP
2304	(900)	ADDRESS	4	DCTRAPS	IATUTDC DC TRAP
2308	(904)	SIGNED	4	TVTRD230(3)	RESERVED FOR DEVELOPMENT
2340	(924)	SIGNED	4	DSPRSCNT	Number of DSPs in specialized reschedule
2344	(928)	SIGNED	4	TVTISJ	IATISEN Number of jobs that have gone through input service
2348	(92C)	SIGNED	4	TVTMBJ	IATGRJS Number of jobs that have gone through main service
		NOTE: THE TVT IS SAVED FROM THIS POINT ON FOR INISH CHECKPOINT STANDARDS/DEFAULTS AND DATA - FULLWORD			
2352	(930)	SIGNED	4	TVTINSAV(0)	
2352	(930)	SIGNED	8	TVINITID	SET BY IATINIC,INCD SPOOL RCRDS INISH ID
2352	(930)	X'930'	0	TVTIDDAT	"TVINITID,4" Date portion of id
2352	(930)	X'934'	0	TVTIDTIM	"TVINITID+4,4" Time portion of id
2360	(938)	BITSTRING	12	TVTHRINF(0)	Hot/Refresh information
2360	(938)	SIGNED	4	TVTHRDAT	Hot/refresh date
2364	(93C)	SIGNED	4	TVTHRTIM	Hot/refresh time
2368	(940)	SIGNED	4	TVTHRCNT	Number of hot starts with refresh since last cold or warm start
2372	(944)	BITSTRING	12	TVTCFINF(0)	*MODIFY,CONFIG information
2372	(944)	SIGNED	4	TVTCFDAT	*MODIFY,CONFIG date
2376	(948)	SIGNED	4	TVTCFTIM	*MODIFY,CONFIG time
2380	(94C)	SIGNED	4	TVTCFCNT	Number of *MODIFY,CONFIG requests since last cold, warm, or hot start with refresh
2384	(950)	BITSTRING	12	TVTYSYSL	IATYSYSL chain
2396	(95C)	SIGNED	4	AIONOBFN	IATINIO NO.OF CORE AWAITS FOR BUFS
2400	(960)	SIGNED	2	TVTGRPSZ	IATINSP SPOOL RECORDS PER TRACK GROUP
2402	(962)	BITSTRING	1	TVTMINTR	IATINSP MIN TRK GROUP PCT. SYS DEFLT
2403	(963)	BITSTRING	1	TVTMRGTR	IATINSP MARG TRK GROUP PCT. SYS DEFLT
2404	(964)	SIGNED	4	TVTDMPLN	IATINIC MAXIMUM LINES FOR DUMP
2408	(968)	SIGNED	4	IPLMASK	MAIN IPL MASK
2412	(96C)	SIGNED	4	TVTMAXC	IATINCH DEFAULT JOB CARDS (X 100)
2416	(970)	SIGNED	4	TVTMAXL	IATINCH DEFAULT JOB LINES (X 1000)
2420	(974)	SIGNED	4	TVTMAXP	IATINCH DEFAULT JOB PAGES
2424	(978)	SIGNED	4	TVTMAXB	IATINCH DEFAULT JOB BYTES (X 1000)
2428	(97C)	SIGNED	4	SIZEBUF	SET BY IATINIO SIZE OF BUFFER
2428	(97C)	X'97E'	0	BUFSZ	"SIZEBUF+2,2,C'H'" SIZE OF BUFFER - HALFWORD

Table 287. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2432	(980)	SIGNED	4	TVTONMSK	ON-LINE MAIN MASK 0181
2436	(984)	SIGNED	4	TVTSNECB	ECB POSTED ON SNAP NUCTASK COMPLETION.
2440	(988)	SIGNED	4	TVTCIECB	IATINAT ECB FOR C/I SUBTASK
		1...		TVTCISBW	"X'80'" IATIISB IS WAITING
	ADDRESS SPACE SPECIFIC CI COUNTS				
2444	(98C)	SIGNED	4	TVTMXDCI	MAXIMUM NUMBER OF CI DSPS FOR DEMAND/ SELECT JOBS IN ADDRESS SPACE
2448	(990)	SIGNED	4	TVTUCDCI	DEMAND/SELECT CI DSPS : NUMBER IN USE
2452	(994)	SIGNED	4	TVTATDCI	DEMAND/SELECT CI SUBTASKS NUMBER ATTACHED
2456	(998)	SIGNED	4	TVTSBCNT(0)	IATINAT INTERP DSP SUBTASK COUNTS
2456	(998)	X'99A'	0	TVTCICNT	"TVTSBCNT+2,2" NUMBER OF C/I SUBTASKS
2460	(99C)	SIGNED	4	TVTPSDMX	DEMAND/SELECT POSTSCAN DSPS MAXIMUM NUMBER
2464	(9A0)	SIGNED	4	TVTPSDUS	DEMAND/SELECT POSTSCAN DSPS NUMBER IN USE
2468	(9A4)	CHARACTER	8	XCFGRPNM	JESXCF GROUP NAME SPECIFIED ON THE OPTIONS INITIAL- IZATION STATEMENT, BLANK IF NOT SPECIFIED OR NOT SPECIFIED CORRECTLY
2476	(9AC)	CHARACTER	8	XCFDEFGP	Home Node name from last Cold or Warm start. Used for XCFGRPNM default.
2484	(9B4)	SIGNED	4	TVTBSZDT	BUFFER DATA SIZE
2488	(9B8)	SIGNED	4	TVTCPUID	CPUID FROM SMCA
2492	(9BC)	SIGNED	4	TVTDATSZ	IATINIO IATYDAT SIZE (BUFSZ+DAT HDR)
2496	(9C0)	SIGNED	4	TVTDMSAV(4)	TRACE SAVE AREA
2512	(9D0)	SIGNED	4	TVTDMTRC(8)	JES3IOS TRACE DATA AREA
2544	(9F0)	ADDRESS	4	TVTAXWC	IATINIO Address of the ASAXWC parameter/work area
2548	(9F4)	SIGNED	4	TVTMAINJ	MAIN MASK OF ALL JES3 MAINS
2552	(9F8)	SIGNED	4	TVTSIOSV(6)	JES3SDM SAVE AREA
2576	(A10)	SIGNED	4	TVTUTIC	IATUTIC WORK AREA
2580	(A14)	SIGNED	4	TVTWAITS	IATGRCT TOTAL OS WAITS - JES3 TCB
2584	(A18)	SIGNED	4	TVTMNSMS	MASK OF MAIN PROCESSORS THAT HAVE SMS INSTALLED
2588	(A1C)	SIGNED	2	TVTJETPR	IATINIC Primary extent size of the JET cellpool in 1,000s
2590	(A1E)	SIGNED	2	TVTJETLM	IATINIC Maximum size of the JET cellpool in 1,000s
2592	(A20)	SIGNED	2	TVTOSTPR	IATINIC Primary extent size of the OST cellpool in 1,000s
2594	(A22)	SIGNED	2	TVTOSTLM	IATINIC Maximum size of the OST cellpool in 1,000s
2596	(A24)	SIGNED	2	TVTSEEPR	IATINIC Primary extent size of the SEE cellpool in 1,000s
2598	(A26)	SIGNED	2	TVTSEELM	IATINIC Maximum size of the SEE cellpool in 1,000s
2600	(A28)	SIGNED	2	TVTDOTPR	IATINIC Primary extent size of the DOT cellpool in 1,000s
2602	(A2A)	SIGNED	2	TVTDOTLM	IATINIC Maximum size of the DOT cellpool in 1,000s

Table 287. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2604	(A2C)	SIGNED	4	TVTRD260(5)	Reserved for IBM
2624	(A40)	SIGNED	4	TVTVALID	IATDMTK Maximum VALID value used
2628	(A44)	SIGNED	4	TVTRS260(13)	Reserved for Service 0027
2680	(A78)	CHARACTER	2	TVTMEMBR	Inish deck suffix used last
2682	(A7A)	ADDRESS	1	TVTWDLIM	WANTDUMP=YES limit 0027
2683	(A7B)	ADDRESS	1	TVTWDITV	WANTDUMP=YES interval in 0027 minutes 0027
2684	(A7C)	SIGNED	2	TVTJBNSE	COUNT OF FREE SECONDARY- JSAM BUFFER EXTENTS
2686	(A7E)	SIGNED	2	TVTJBDTH	JSAM BUFFER DELETE THRESH
2688	(A80)	SIGNED	2	TVTPPAGS	PAGE COUNT - PRIMARY EXT.
2690	(A82)	SIGNED	2	TVTSPAGS	PAGE COUNT - SECONDARY EXT.
2692	(A84)	SIGNED	2	TVTJBLIM	Maximum number of 08792TAC secondary JSAM extents 08792TAC
2694	(A86)	SIGNED	2	TVTJBEXP	COUNT OF JSAM BUFFER POOL- EXPANSIONS
2696	(A88)	SIGNED	4	TVTRU260(5)	RESERVED FOR USER
2716	(A9C)	SIGNED	4	TVTSCANI	IATGRLD SCAN CYCLE INTERVAL USED IN SCAN DELETE ROUTINE. TO DISABLE ROUTINE, SET THIS VALUE TO ZERO
2720	(AA0)	SIGNED	4	TVTRD270(2)	RESERVED FOR DEVELOPMENT
2728	(AA8)	SIGNED	4	TVTRS270(2)	RESERVED FOR SERVICE
2736	(AB0)	SIGNED	4	TVTRU270(2)	RESERVED FOR USER
2744	(AB8)	SIGNED	2	TVTDMCSZ	LENGTH OF ONE DMC
2746	(ABA)	SIGNED	2	TVTDMCPG	# OF DMC'S FIT IN ONE PAGE
2748	(ABC)	SIGNED	4	TVTRD280(4)	RESERVED FOR DEVELOPMENT
2764	(ACC)	SIGNED	4	TVTMUBLN	IATINIO Maximum user buffer length, This field is the maximum space available for user data in one buffer. It equals TVTBSZDT - (L'DATCC+L'DATCCX)
2768	(AD0)	SIGNED	4	TVTMLRL	IATINIO MAXIMUM LOGICAL RECORD LEN
2772	(AD4)	SIGNED	4	TVTDLMSK	IATINIO DATA LENGTH MASK, THIS FIELD IS USED TO ISOLATE THE LENGTH FIELD OF THE DATCC
2776	(AD8)	ADDRESS	4	SRJPSNSG	SET BY IATSNLD SAVE AREA GET ROUTINE
2780	(ADC)	ADDRESS	4	SRJPSNJP	SET BY IATSNLD JES3 POST ROUTINE
2784	(AE0)	ADDRESS	4	SRJPSNFI	SET BY IATSNLD FM INBOUND ROUTINE
2788	(AE4)	ADDRESS	4	SRJPSNFO	SET BY IATSNLD FM OUTBOUND ROUTINE
2792	(AE8)	ADDRESS	4	SRJPSNPI	SET BY IATSNLD PS INBOUND ROUTINE
2796	(AEC)	ADDRESS	4	SRJPSNPO	SET BY IATSNLD PS OUTBOUND ROUTINE
2800	(AF0)	ADDRESS	4	SRJPSNLM	SET BY IATSNLD MSG RTN ENTRY POINT
2804	(AF4)	ADDRESS	4	TVTRS280	RESERVED FOR SERVICE
	FDB'S AND DATA - HALFWORD				
2808	(AF8)	BITSTRING	12	DJCCKFDB	DJC CKPT FDB
2820	(B04)	BITSTRING	12	GMSFDB	MAIN SCHEDULING CHKPT FDB
2832	(B10)	BITSTRING	28	MNTRKFDB	SINGLE TRACK TABLE TAT FDB
2860	(B2C)	BITSTRING	12	SMRFDB	SELECT MODE RECORD FDB
2872	(B38)	BITSTRING	12	TVONLFDB	SYSUN VARY STATUS CKPT FDB
2884	(B44)	BITSTRING	28	JCTRKFDB	JCT ALLOCATION DUMMY TAT FDB

Table 287. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2912	(B60)	BITSTRING	12	TVTFSSFD	FSS/FSA CHECKPT ROOT FDB
2924	(B6C)	BITSTRING	4	TVTRD290	RESERVED FOR DEVELOPMENT
2928	(B70)	BITSTRING	12	TCKFDB	TCP/IP Checkpoint FDB
2940	(B7C)	SIGNED	2	AFGABNUM	IATABMN JES3 FAILURE NUMBER
2942	(B7E)	SIGNED	2	AIOBFUSE	IATINIO NUMBER OF BUFFERS IN USE
2944	(B80)	SIGNED	2	TVTSNNUM	JES3 FAILURE NUMBER ASSOCIATED WITH SNAP NUCTASK REQUEST.
2946	(B82)	SIGNED	2	AIONBUFS	IATINIO NUMBER OF JES3 BUFFERS
2948	(B84)	SIGNED	2	AIONOBFM	IATINIO MAX NUMBER EVER IN USE 12
2950	(B86)	SIGNED	2	TVTRD300(2)	Reserved for IBM
2954	(B8A)	SIGNED	2	TVTDATFS	IATINIO SIZE FIXED PORTION IATYDAT
2956	(B8C)	SIGNED	2	TVTRD305(6)	Reserved for IBM
2968	(B98)	SIGNED	2	AIOBMIN	- IATINIO MIN. JSAM BUFFERS
2970	(B9A)	SIGNED	2	TVTDYSCR	DYNALLOC SCRATCH JVT NUMBER
2972	(B9C)	SIGNED	2	TVTRS310(4)	Reserved for Service

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                                                        18463TAA
                                                        18463TAA
IMPORTANT NOTE ABOUT FLAG TVTSPFLC: 18463TAA
                                                        18463TAA
The flag TVTSDION (x'80') is being retired in HJS7790. 18463TAA
However, since the flag is part of the checkpoint, it 18463TAA
may not be set in a customer version because: 18463TAA
                                                        18463TAA
 (1) the customer has always been hot starting since the 18463TAA
     introduction of OW01162 18463TAA
 (2) or, the customer explicitly set SDI to OFF. 18463TAA
                                                        18463TAA
In HJS7790, SDI is no longer optional and the flag is 18463TAA
ignored. If a customer falls back to a prior release of 18463TAA
JES3, the system will act the same way as it did before a 18463TAA
hot start to HJS7790. That way the customer is unaffected 18463TAA
with respect to SDI checking on the lower level system. 18463TAA
                                                        18463TAA
                                                        18463TAA
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2980	(BA4)	BITSTRING	1	TVTSPFLC	Spool Flags - checkpointed

Definition of TVTSPFLC

1...	TVTSDION	"X'80'" SDI=YES specified
.1..	TVTDSI40	"X'40'" Reserved for Service
..1.	TVTDSI20	"X'20'" Reserved for Service
...1	TVTDSI10	"X'10'" Reserved for Service
.... 1...	TVTDSI08	"X'08'" Reserved for Service
.... .1..	TVTDSI04	"X'04'" Reserved for Service
.... ..1.	TVTDSI02	"X'02'" Reserved for Service
....1	TVTDSI01	"X'01'" Reserved for Service

2981	(BA5)	BITSTRING	1	TVTISFLG	Input Service Flags - checkpointed

Definition of TVTISFLG

1...	TVTASPE	"X'80'" ALTJCL=ERROR specified (flag ASP-style JECL as errors)
.1..	TVTASPW	"X'40'" ALTJCL=IGNOREW specified (flag ASP-style JECL as warnings)
..1.	TVTASPC	"X'20'" ALTJCL=COMMENT specified (treat ASP-style JECL as comments)

Table 287. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		...1		TVTISF10	"X'10'" Reserved for IBM
		.... 1...		TVTISF08	"X'08'" Reserved for IBM
		.... .1..		TVTISF04	"X'04'" Reserved for IBM
		.... ..1.		TVTISF02	"X'02'" Reserved for IBM
		1		TVTISF01	"X'01'" Reserved for IBM
2982	(BA6)	SIGNED	2	TVTINTRD	MAXIMUM NUMBER OF INTRDR'S
2984	(BA8)	SIGNED	2	TVTFDUSE	NUMBER OF FD ENTRIES IN USE
2986	(BAA)	SIGNED	2	TVTFDMAX	MAX. NO. OF FD ENTRIES USED
2988	(BAC)	BITSTRING	1	TVTRD310(3)	RESERVED FOR DEVELOPMENT
ESTAE RECOVERY WTD FLAGS AND STORAGE POINTERS					
2991	(BAF)	BITSTRING	1	TVTESTFL	INIT,ABMN ESTAE WORK TO DO FLAG
		1...		TVTGETE6	"X'80'" RE-ACQUIRE SYS SUBPOOL STORAGE
		.1..		TVTGET00	"X'40'" RE-ACQUIRE USER SUBPOOL STORAGE
		..1.		TVTSDMSG	"X'20'" ISSUE WTO WARNING MSG
		...1		TVTSNAPN	"X'10'" SNAP NUCTASK
2992	(BB0)	SIGNED	4	TVTESTE6	INIT,GRCT ESTAE PTR FOR SYSTEM SUBPOOL
2996	(BB4)	SIGNED	4	TVTEST00	INIT,GRCT ESTAE PTR FOR USER SUBPOOL
2996	(BB4)	BITSTRING	0	TVTESTSZ	"X'2000'" 8K GETMAIN SIZE FOR ESTAE
		.... ..1.		TVTSBPUS	"X'02'" USER SUBPOOL 2
		111. .11.		TVTSBPSY	"X'E6'" SYSTEM SUBPOOL 230 (E6)
3000	(BB8)	SIGNED	2	TVTRU310(3)	RESERVED FOR USER
FLAGS AND ECFS					
3006	(BBE)	BITSTRING	1		Reserved for development
3007	(BBF)	BITSTRING	1	AFGFLAG2	FLAG BYTE 2
		1...		AFGGMPF	"X'80'" CONSTD, GLOBMPF=YES
		.1..		AFGNOCPF	"X'40'" No sysplex prefix defined 0101 to CPF (XCFLOCAL mode) 0101
		..1.		AFGRS220	"X'20'" Reserved flag
		...1		AFGRS210	"X'10'" Reserved flag
		.... 1...		AFGRS208	"X'08'" Reserved flag
		.... .1..		AFGRS204	"X'04'" Reserved flag
		.... ..1.		AFGRS202	"X'02'" Reserved flag
		1		AFGRS201	"X'01'" Reserved flag
3008	(BC0)	BITSTRING	1	TVTLIMF	LIMIT FLAG
		1...		TVTCANB	"X'80'" MAX BYTES EXCEEDED, CNCL JOB
		.1..		TVTDMPB	"X'40'" MAX BYTES EXCEEDED, DUMP JOB
		..1.		TVTCANP	"X'20'" MAX PAGES EXCEEDED, CNCL JOB
		...1		TVTDMPP	"X'10'" MAX PAGES EXCEEDED, DUMP JOB
		.... 1...		TVTCANC	"X'08'" MAX CARDS EXCEEDED, CNCL JOB
		.... .1..		TVTDMPC	"X'04'" MAX CARDS EXCEEDED, DUMP JOB
		.... ..1.		TVTCANL	"X'02'" MAX LINES EXCEEDED, CNCL JOB
		1		TVTDMPL	"X'01'" MAX LINES EXCEEDED, DUMP JOB

Table 287. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
3009	(BC1)	BITSTRING	1	AFGFLAG5	FLAG BYTE 5
		1...		AFGDLPST	"X'80'" DEADLINE POST
3010	(BC2)	BITSTRING	1	AIOFLAG1	IATINIO FLAGS
		1...		AIORDWRT	"X'80'" I/O REQ FROM READ/WRITE RTN
		.1..		AIOFDNEW	"X'40'" ON WHEN FD ENTRIES ARE AVAIL
		..1.		AIOGETBF	"X'20'" GETBUF REQUEST
		.... 1...		AIONOSPC	"X'08'" NO SPACE ON QUEUE PACKS
		.... .1..		AIOSNGIO	"X'04'" SET FOR SINGL REC I/O REQUEST
3011	(BC3)	BITSTRING	1	AIOFLAG2	IATINIO FLAGS
		1...		AIONOAWT	"X'80'" GETBUF WITHOUT AWAIT
		..1.		AIORESPG	"X'20'" INVERSE PURGE STT ENTRY
		...1		AIOPTJSM	"X'10'" Post of JSAM is required
		.... 1...		AIOJQMSG	"X'08'" Reserved for IBM
		.... .1..		AIOMSOUT	"X'04'" MINIMAL JSAM BUFFER MSG (IAT1101/IAT1103) OUTSTANDING
		.... ..1.		AIOMCMSG	"X'02'" MARG TRK COND IN INIT
		1		AIOMNBUF	"X'01'" MIN. JSAM BUF COND.
3012	(BC4)	BITSTRING	1	JSSFLG1	JSS FLAG BYTE
		DEFINITION OF JSSFLG1			
		1...		JSSGPOST	"X'80'" GENERAL POST OF JSS (*S JSS)
		.1..		JSSDUCHG	"X'40'" THE USE COUNT OR STATUS OF A DSP HAS CHANGED
		..1.		JSSOSWEF	"X'20'" AN RQ ON THE OUTSERV WAIT RQ CHAIN (INDEX=RQOSWAIT) HAS COMPLETED PROCESSING
		...1		JSSPRELH	"X'10'" ONE OR MORE JOB PRIORITY LEVELS HAVE BEEN RELEASED FROM OPERATOR HOLD
		.... 1...		JSSMCGAV	"X'08'" A MAIN, GMS CLASS, OR GMS GROUP HAS BECOME AVAILABLE or when a main becomes 18588TAA available for a scheduling 18588TAA environment 18588TAA
		.... .1..		JSSEFADD	"X'04'" ENDING FUNCTION RQ ADDED TO EF CHAIN (INDEX=RQDONE OR RQCMPLT)
		.... ..1.		JSSPROCN	"X'02'" A PROCLIB HAS BEEN ENABLED
		1		JSSRQTMR	"X'01'" TIMER INTERVAL EXPIRED FOR RETRY AFTER RQ SHORTAGE
3013	(BC5)	BITSTRING	1	JSSFLG2	JSS FLAG BYTE
		DEFINITION OF JSSFLG2			
		1...		JSSFSTIM	"X'80'" JSS FIRST PASS AFTER START
		.1..		JSSACTIV	"X'40'" JSS FIRST PASS COMPLETED
		..1.		JSSCHKPT	"X'20'" JSS CHECKPOINT JCT REQUEST
		...1		JSSSTART	"X'10'" *S JSS HAS BEEN ISSUED
		.... 1...		JSSWORKQ	"X'08'" ONE OR MORE JQES HAVE BEEN ADDED TO THE JSS READY Q
		.... .1..		TVTMPLAV	"X'04'" A MAIN PROCESSOR HAS 0181 BECOME AVAILABLE 0181
		.... ..1.		TVTDPJEN	"X'02'" DUPJOBNM SET TO YES

Table 287. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1		TVTCIJSS	"X'01'" C/I JSAM buffers available 0082
3014	(BC6)	BITSTRING	1	TATFLAGS	IATINIO FLAGS
		1...		TATMINQ	"X'80'" Minimal tracks condition for the default spool partition
		.1..		TATMRGQ	"X'40'" Marginal tracks condition for the default spool partition
		..1.		TATGMSSP	"X'20'" Potential GMS job select suspend condition. This occurs when a spool partition and all of its overflow partitions are in a marginal tracks condition.
3015	(BC7)	BITSTRING	1	JSSTPOST	JSS TIMER POST FLAGS
3016	(BC8)	BITSTRING	1	TVTRD315	Reserved for development 0012
3017	(BC9)	BITSTRING	1	TVTFSFG1	FAILSOFT flags (default to DUMP=PRDMP)
		1...		AFGESTAE	"X'80'" ESTAE EXIT RTN IN CONTROL
		.1..		AFGPJES3	"X'40'" JES3 TERMINATION REQUIRED
		..1.		AFGFSACT	"X'20'" JES3 FAIL SOFT IS ACTIVE
		...1		TVTFSUFD	"X'10'" SET BY IATABN0 UNFORMATTED DUMP TAKEN OK
		.... 1...		AFGDMPOS	"X'08'" OPTIONS,DUMP=MVS
		.... .1..		AFGDMPSA	"X'04'" OPTIONS,DUMP=PRDMP
		.... ..1.		TVTFSNDP	"X'02'" OPTIONS,WANTDUMP=NO
		1		TVTFSASK	"X'01'" OPTIONS,WANTDUMP=ASK
3018	(BCA)	BITSTRING	1	TVTFSFG2	FAILSOFT FLAGS
		1...		AUXPTERM	"X'80'" AUXTASK IS TERMINATING
3019	(BCB)	BITSTRING	1	TVTINTRP	FLAGS FOR INTERPRETER OPTIONS
3019	(BCB)	X'BCB'	0	TVTMDFLG	"TVTINTRP" FLAGS FOR MAIN DEVICE SCHED
		1...		TVTFETCH	"X'80'" SET BY IATINMD MAIN DEVICE FETCH OPTION
		.1..		TVTPREFR	"X'40'" SET BY IATINCH THWSSEP=PREFER
		..1.		TVTREQUI	"X'20'" SET BY IATINCH THWSSEP=REQUIRE
		...1		TVTSMSET	"X'10'" JES3 IS DOING DATA SET ALLOCATION FOR SMS RESOURCES
		.... .1..		TVTANYJS	"X'04'" INTERPRETER DEFAULT ANYJES
		.... ..1.		TVTANYRL	"X'02'" INTERPRETER DEFAULT ANYREAL
		1		TVTBOTH	"X'01'" INTERPRETER DEFAULT BOTH
3020	(BCC)	BITSTRING	1	TVTSETUP	FLAGS FOR SETUP OPTIONS
		1...		MSSACT	"X'80'" SET BY IATINMD SETPARAM,MSS=...
		.1..		MSSJOB	"X'40'" SET BY IATINMD MSS=JOB; ELSE, =HWM
		..1.		MSSDEPTH	"X'20'" SET BY IATINMD SETPARAM,MSSDEPTH=YES
		...1		TVTRSF10	"X'10'" Reserved for IBM
		.... 1...		TVTIHWS	"X'08'" STANDARDS,SETUP=HWS
		.... .1..		TVTDHWS	"X'04'" STANDARDS,SETUP=DHWS
		.... ..1.		TVTTHWS	"X'02'" STANDARDS,SETUP=THWS
		1		TVTNONE	"X'01'" STANDARDS,SETUP=NONE

Table 287. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
3021	(BCD)	BITSTRING	1	DYNECF	ECF FOR IATDYDR
		1...		DYNALOC	"X'80'" DYN ALLOC SA REC'D
		.1..		DYNUNAL	"X'40'" UNALLOC SA REC'D
		..1.		DYNCDD	"X'20'" CHANGE DDNAME SA REC'D
		...1		DYNINIT	"X'10'" INITIALIZATION COMPLETE
		.... 1...		DYNRALOC	"X'08'" Retry dynamic allocation
3021	(BCD)	X'E8'	0	DYNSAMSK	"DYNALOC+DYNUNAL+DYNCDD+DYNRALOC" DYNAL post flags
3022	(BCE)	BITSTRING	1	TVTDYNL	FLAGS FOR DYNAL FCT
		1...		TVTDRCRC	"X'80'" RECOVERY RECURSION FLAG
3023	(BCF)	BITSTRING	1	TVTSTFLG	IBM SYSTEM TESTING USE
		1...		TVTSTFG0	"X'80'"
		.1..		TVTSTFG1	"X'40'"
		..1.		TVTSTFG2	"X'20'"
		...1		TVTSTFG3	"X'10'"
		.... 1...		TVTSTFG4	"X'08'"
		.... .1..		TVTSTFG5	"X'04'"
		.... ..1.		TVTSTFG6	"X'02'"
		1		TVTSTFG7	"X'01'"
3024	(BD0)	BITSTRING	1	TVTVS2F1	SUBSYSTEM MODE FLAG
		1...		TVTPRSUB	"X'80'" JES3 IS PRIMARY SUBSYSTEM
		.1..		TVTGLOBL	"X'40'" GLOBAL MODE INDICATOR
		..1.		TVTLOCAL	"X'20'" LOCAL MODE INDICATOR
		...1		TVTDSIBK	"X'10'" DSI back to this system 0005
		.... 1...		TVTVIRT	"X'08'" SYSTEM IS VIRTUAL
		.... .1..		TVTOLDGL	"X'04'" SYSTEM WAS AN OLD GLOBAL
		.... ..1.		TVTDSIOK	"X'02'" DSI completed on the new 0005 global 0005
		JESMSGLG Suppression Flags from STANDARDS statement			
3025	(BD1)	ADDRESS	1	TVTJESMS	JESMSGLG flag (default set to NOTSO)
		1...		TVTJNTSO	"X'80'" TSO JESMSGLG suppression flag
		.1..		TVTJNSTC	"X'40'" STC JESMSGLG suppression flag
		..1.		TVTJNBAT	"X'20'" Batch JESMSGLG suppression flag
3026	(BD2)	BITSTRING	1	TVTCIFLG	FLAG FOR C/I
		1...		TVTCBCLS	"X'80'" CIBATCH=CLASS (STANDARDS)
		.1..		TVTCBJOB	"X'40'" CIBATCH=JOB " @WA35670
		..1.		TVTCDCLS	"X'20'" CIDEMAND=CLASS " @WA35670
		...1		TVTCDJOB	"X'10'" CIDEMAND=JOB " @WA35670
		.... 1...		TVTCFR08	"X'08'" RESERVED FLAG
		.... .1..		TVTCFR04	"X'04'" RESERVED FLAG
		.... ..1.		TVTCFR02	"X'02'" RESERVED FLAG
		1		TVTCFR01	"X'01'" RESERVED FLAG
3027	(BD3)	BITSTRING	1	TVTRU320	RESERVED FOR USER

Table 287. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
NOTE: THE TVTFSSID WILL BE ZERO IF NOT EXECUTING IN AN FSS ADDRESS SPACE					
3028	(BD4)	SIGNED	4	TVTFSID(0)	FSS ID
3028	(BD4)	SIGNED	2	TVTFSSID	FSS PORTION OF FSS ID
3030	(BD6)	SIGNED	2	TVTFSAID	FSA PORTION OF FSS ID
3032	(BD8)	BITSTRING	1	TVTFSFLG	FSS FLAG
		1...		TVTFSSAD	"X'80'" EXECUTING IN FSS ADDRESS SPACE
		.1..		TVTCIFSS	"X'40'" CI FSS ADDRESS SPACE
3033	(BD9)	BITSTRING	1	UAVLFLG	UNIT AVAILABLE FLAG
3034	(BDA)	BITSTRING	1	AIOBFECF	IF NON-0, JES BUFS ARE AVAIL
3035	(BDB)	BITSTRING	1	MSGCECF	ECF FOR IATMSGC
		1...		GECFSTAD	"X'80'" STA ADDRESS POST
		.1..		GECFMCON	"X'40'" MAIN CONNECT POST
		..1.		GECFMTRK	"X'20'" MINTRK CLEAR POST
TVTPTECF MASK IS USED AGAINST TWO FLAG BYTES: MSGCECF AND TVTPATH TVTPTECF EQU X'10' SEE BELOW FOR DEFINITION					
		.... 1...		GECFJOBN	"X'08'" Job number shortage cleared post
3036	(BDC)	BITSTRING	1	OSEFLAGS	ECF FLAG FOR IATOSDR
		1...		SPINPOST	"X'80'" SPINOFF OUTPUT TO PROCESS
		.1..		OSEOUTPT	"X'40'" NORMAL OUTPUT TO PROCESS
		..1.		OSETIMER	"X'20'" TIMER INTERVAL TO PROCESS
		...1		OSEWTRS	"X'10'" WRITER OUTPUT PENDING
		.... 1...		INITOPS	"X'08'" FIRST OUTSERV POST (BY JSS)
		.... .1..		OSERQWS	"X'04'" SELECTIVE RESQ WTR START
		.... ..1.		OSEWTRSL	"X'02'" START SPECIFIED WTR
3037	(BDD)	BITSTRING	1	TVTRD330(2)	RESERVED FOR DEVELOPMENT
3039	(BDF)	BITSTRING	1	TVTPATH	ECF FOR VARY PATH
TVTPTECF MASK IS USED AGAINST TWO FLAG BYTES: MSGCECF AND TVTPATH					
		...1		TVTPTECF	"X'10'" VARY PATH POSTED
3040	(BE0)	SIGNED	4	DECF(0)	JSAM ECF
		1...		DECFIO	"X'80'" POST BIT - JSAM I/O COMPLETE
		.1..		DECFTX	"X'40'" POST BIT - USAM TRACKS REQ
		..1.		DECFER	"X'20'" POST BIT - SPOOL I/O ERROR
		...1		DECFDR	"X'10'" POST BIT - DDR REQUEST
		.... 1...		DECFSEC	"X'08'" POST BIT - SECONDARY POST
TVTDRTN AND TVTDRDN MASKS ARE BOTH USED AGAINST TWO FLAG BYTES: DECF AND TVTDRECF TVTDRTN EQU X'04' SEE BELOW FOR DEFINITION TVTDRDN EQU X'02' SEE BELOW FOR DEFINITION					
		1		DECFBTR	"X'01'" POST BIT - BADTRACK UPDATE
3041	(BE1)	BITSTRING	1	TVTCIECF	IATINAT ECF OF C/I SUBTASK

Table 287. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF TVTCIECF (SERIALIZED VIA OIL MACRO)			
		1...		TVTCIATC	"X'80'" IATIISB C/I SUBTASK ATTACH COMPLETE
		.1..		TVTMSABN	"X'40'" IATIISB MASTER SUBTASK ABENDED
		..1.		TVTFSCIU	"X'20'" IATIICS CI FSS DEMAND SELECT CI SUBTASK IS IN USE
		...1		TVTCFATF	"X'10'" IATINAT CI FSS DEMAND SELECT CI SUBTASK ATTACH FAILURE
		.... 1...		TVTCIR08	"X'08'" RESERVED FLAG
		.... .1..		TVTCIR04	"X'04'" RESERVED FLAG
		.... ..1.		TVTCIR02	"X'02'" RESERVED FLAG
		1		TVTCIR01	"X'01'" RESERVED FLAG
3042	(BE2)	BITSTRING	1	TVTJSFLG	JSAM FCT FLAG
		1...		TVTSPMSG	"X'80'" SPOOL SPACE MESSAGE POST 0582
		.1..		TVTJBMSG	"X'40'" JSAM BUFFER MESSAGE POST 0582
		..1.		TVTJBOUT	"X'20'" JSAM BUFFER MESSAGE ISSUED 0582
		...1		TVTJBUSE	"X'10'" JSAM BUFFER POOL POST
		.... 1...		TVTDYCLU	"X'08'" Dynamic spool reconfig. clean up needed
3043	(BE3)	BITSTRING	1	TVTLOECF	LOCATE ECF (USE TVTVRECF NOW)
3043	(BE3)	X'BE3'	0	TVTVRECF	"TVTLOECF,1" VERIFY FCT ECF
		DEFINITION OF TVTVRECF - REPLACES TVTLOECF			
		1...		LVRRSV80	"X'80'" RESERVED FLAG
		.1..		LVRRSV40	"X'40'" RESERVED FLAG
		..1.		LVRRSV20	"X'20'" RESERVED FLAG
		...1		LVRRSV10	"X'10'" RESERVED FLAG
		EQU X'08' RESERVED FOR (AND RESET IN) IATLVVR			
		.... .1..		LVRATPST	"X'04'" IATLVVR ATTENTION POST
		.... ..1.		LVRRSPST	"X'02'" IATLVVR RESTART POST
		1		LVRSAPST	"X'01'" IATLVVR STAGING AREA POST
3044	(BE4)	BITSTRING	1	TVTICLK	IATUTIC SUBROUTINE LOCK
3045	(BE5)	BITSTRING	2	TVTRD345	RESERVED FOR DEVELOPMENT
3047	(BE7)	BITSTRING	1	TVTCECF	CONSOLE SPOOL I/O ECF
		1...		TVTJMSSI	"X'80'" JESMSGLG SSI processing
		.1..		TVTJMJBT	"X'40'" JESMSGLG job termination cleanup
		..1.		TVTJMUPD	"X'20'" JESMSGLG update
3048	(BE8)	BITSTRING	1	TVTRD350	RESERVED FOR DEVELOPMENT
3049	(BE9)	BITSTRING	1	TVTRU350(3)	RESERVED FOR USER
3052	(BEC)	BITSTRING	1	TVTDRECF	DDR ECF FLAG
		TVTDRTN AND TVTDRDN MASKS ARE BOTH USED AGAINST TWO FLAG BYTES: DECF AND TVTDRECF			

Table 287. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... .1..		TVTDRTN	"X'04'" TAPE/UR DDR POSTED NORMAL PROC
		.... ..1.		TVTDRDN	"X'02'" DASD DDR NORMAL PROCESSING
		1...		TVTDRTR	"X'80'" TAPE/UR DDR RESTART PROCESSING
		.1..		TVTDRDR	"X'40'" DASD DDR RESTART PROCESSING
3053	(BED)	BITSTRING	1	TVTDRCR	DDR FCT CREATED FLAG
DEFINITION OF TVTATFLG					
3054	(BEE)	BITSTRING	1	TVTATFLG	AUX TASKING FLAGS
		1...		TVTATE	"X'80'" AUX TASK ENABLED FOR WORK
		.1..		TVTMTON	"X'40'" MT=ON SPECIFIED IN INISH DECK
DEFINITION OF TVTFLAG1 (SERIALIZED BY COMP. AND SWAP)					
3055	(BEF)	BITSTRING	1	TVTFLAG1	WORK FLAGS SERIALIZED BY CS
		1...		TVTUAGET	"X'80'" UNSUCCESSFUL AGETMAIN OCCURRED
		.1..		TVTTSOPS	"X'40'" TSO JES3 REQUEST
		..1.		TVTENST	"X'20'" Enhanced Status
DEFINITION OF TVTGSWK1 COMPARE AND SWAP MUST BE USED TO SERIALIZE ACCESS TO THESE FLAGS					
3056	(BF0)	BITSTRING	1	TVTGSWK1	ECF FOR GENERAL SERVICE DSP
		1...		TVTGSPFD	"X'80'" PENDING FAILDSP REQUEST
		.1..		TVTGSATT	"X'40'" ATTACH ATDE REQUEST
		..1.		TVTGSDET	"X'20'" DETACH ATDE REQUEST
		...1		TVTGSAGP	"X'10'" AGETMAIN POSTING RESQUEST
		.... 1...		TVTGSSAT	"X'08'" STOP AUXTASK FOR MODIFY,MT
		.... .1..		TVTGSSWM	"X'04'" Switch IATXSUSP mask
DEFINITION OF TVTSTUSR					
3057	(BF1)	BITSTRING	1	TVTSTUSR	ABEND SER. RTN. USER FLAGS
		1...		TVTSSNUC	"X'80'" IATNUC TASK GET/REL RESOURCE
		.1..		TVTSSAUX	"X'40'" IATAUX TASK GET/REL RESOURCE
		1		TVTSSDST	"X'01'" DSP MODIFIER FOR USE OF RESOURCE.
3057	(BF1)	X'81'	0	TVTSSDSP	"(TVTSSNUC+TVTSSDST)"
3058	(BF2)	BITSTRING	1	TVTSTLOC	ABEND SER. RTN. LOCK BYTE
DEFINITION OF TVTDJFLG FLAG BYTE					
3059	(BF3)	BITSTRING	1	TVTDJFLG	DJ FLAG BYTE
		1...		TVTDJRST	"X'80'" FLAG RESET IN PROCESS
3060	(BF4)	BITSTRING	1	TVTGRFLG	GENERAL ROUTINES FLAGS
DEFINITION OF TVTGRFLG					
		1...		TVTGRJQE	"X'80'" IATGRJX JQE'S AVAILABLE

Table 287. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.1..		TVTJNRET	"X'40'" IATGRJN JOB NUMBER RETURNED(AVAIL)
		..1.		TVTDPJBN	"X'20'" DUPJOBNM=YES
---------- 18455TAA JOBTRACK=SYSPLEX when both TVTJTGBL and TVTJTOFF 18455TAA are set OFF. It is the default value. 18455TAA ---------- 18455TAA					
		...1		TVTJTGBL	"X'10'" JOBTRACK=JGLOBAL 18455TAA
		.... 1...		TVTJTOFF	"X'08'" JOBTRACK=OFF 18455TAA
		.... .1..		TVTDPLGN	"X'04'" DUPLOGON=YES
3061	(BF5)	BITSTRING	1	TVTFLAG2	TVT FLAG TWO
DEFINITION OF TVTFLAG2					
		1...		TVTSMS	"X'80'" IATINMD SMS IS INSTALLED ON THIS PROCESSOR
		.1..		TVTSMSCX	"X'40'" IATMSR2 SMS IS ACTIVE IN COMPLEX 0260
		..1.		TVTAUTOR	"X'20'" JES3 is in auto-restart mode (i.e. it is restarting automatically)
		...1		TVTRF210	"X'10'" RESERVED FLAG
		.... 1...		TVTRF208	"X'08'" RESERVED FLAG
		.... .1..		TVTRF204	"X'04'" RESERVED FLAG
		.... ..1.		TVTRF202	"X'02'" RESERVED FLAG
		1		TVTRF201	"X'01'" RESERVED FLAG
3062	(BF6)	BITSTRING	1	TVTRS360(6)	RESERVED FOR SERVICE
3068	(BFC)	BITSTRING	1	TVTCDECF	CI DRIVER ECF
DEFINITION OF TVTCDECF					
		1...		TVTCNSAP	"X'80'" CONSOLE APPENDAGE POST
		.1..		TVTFSSCM	"X'40'" FSS COMMUNICATION POST (STAR)
		..1.		TVTFSSTA	"X'20'" FSS STATUS CHANGE POST
		...1		TVTSCPSC	"X'10'" SCHEDULE POSTSCAN POST
		.... 1...		TVTPRCEN	"X'08'" PROCLIB ENABLE POST
		.... .1..		TVTPRCDS	"X'04'" PROCLIB DISABLE POST
COUNTER FOR NUMBER OF OUT-MODE DJ DSP ACTIVE IN THE SYSTEM					
3069	(BFD)	BITSTRING	1	TVTDJOCT	NUMBER OF OUT-MODE DJ DSPS
3070	(BFE)	BITSTRING	1	TVTRS370	RESERVED FOR SERVICE
3071	(BFF)	BITSTRING	1	TVTRU370	RESERVED FOR USER
MISCELLANEOUS AND UNIVERSAL CONSTANTS					
3072	(C00)	CHARACTER	8	JOBCLS	DEFAULT JOB CLASS NAME
3080	(C08)	CHARACTER	8	JOBGRP	DEFAULT JOB GROUP NAME
3088	(C10)	CHARACTER	8	NJPNAME	SET BY IATINCH NAME OF LOCAL NJP TERMINAL
3096	(C18)	BITSTRING	4	TVTRM80	CONSTANT FOR SETTING HI-ORD BIT
3096	(C18)	X'C18'	0	TVTHOBON	"TVTRM80,4"

Table 287. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
3100	(C1C)	CHARACTER	8	TVTFSSIN	SET BY IATINIT-FSS INITIALIZATION MODULE
3108	(C24)	CHARACTER	4	TVTSSNM	SET BY IATINIT-SUBSYSTEM NAME
3112	(C28)	SIGNED	4	TVTFSECB	FSS MAIN ECB
3116	(C2C)	CHARACTER	43	ACCTDFLT(0)	DEFAULT ACCT'G
3159	(C57)	BITSTRING	1	AIOFDPRY	LOWEST PRIORITY ON JSAM FD
3160	(C58)	BITSTRING	1	TVTRS375	RESERVED FOR SERVICE
3161	(C59)	BITSTRING	1	CONSUBPL	CONSOLE BUFFER SUBPOOL VALUE
3162	(C5A)	BITSTRING	1	TVTRD360	RESERVED FOR DEVELOPMENT
3163	(C5B)	CHARACTER	1	JOBFAIL	SET BY IATINCH STANDARDS,JOBFAIL=RESTART
3164	(C5C)	BITSTRING	1	JOBPRTY	STANDARDS,PRTY=0
3165	(C5D)	CHARACTER	4	JOBSQSIZ	STANDARDS,SQS=3K
3169	(C61)	CHARACTER	1	STEPCHK	STANDARDS,JOBSTEP=NOCHKPNT
3170	(C62)	CHARACTER	1	TDBGCLSS	STANDARDS,DBGCLASS=A
3171	(C63)	ADDRESS	1	TVTRAGNO	IATINDEV USAM record allocation count
3172	(C64)	BITSTRING	1	TVTSMFFO	SET BY IATINIC SMF FG OPTIONS THIS CPU
3173	(C65)	BITSTRING	1	TVTSMFOP	SET BY IATINIC SMF BG OPTIONS THIS CPU
3174	(C66)	CHARACTER	2	TVTTSOPM	IATINCH DEFAULT TSO PARM ID FOR CI
3176	(C68)	CHARACTER	2	TVTSTCPM	IATINCH DEFAULT STC PARM ID FOR CI
3178	(C6A)	CHARACTER	2	TVTINTPM	IATINCH DEF INT RDR PARM ID FOR CI
3180	(C6C)	CHARACTER	2	TVTINTPR	IATINCH DEF INT RDR PROC ID FOR CI
3182	(C6E)	CHARACTER	2	TVTTSOPR	IATINCH DEFAULT TSO PROC ID FOR CI
3184	(C70)	CHARACTER	2	TVTSTCPR	IATINCH DEFAULT STC PROC ID FOR CI
3186	(C72)	BITSTRING	1	TVTJDENO	IATGRLD # OF JDE BLOCKS INITIALIZED
3187	(C73)	BITSTRING	1	TVTRS380	RESERVED FOR SERVICE
3188	(C74)	BITSTRING	4	TVTHWMSK	CONSTANT FOR HALFWORD MASK
3192	(C78)	SIGNED	4	TVTADMSK(0)	CONSTANT FOR ADDRESS MASK
3196	(C7C)	CHARACTER	16	TVTHXCHR	HEXADECIMAL CHARACTERS
3212	(C8C)	BITSTRING	12	TVTZEROX	CONSTANT ZEROS (3 FULL WORD)
3212	(C8C)	X'C8C'	0	TVTZERO	"TVTZEROX,8" CONSTANT ZEROS
3224	(C98)	SIGNED	4	TVTONE	CONSTANT FULL WORD = 1
3224	(C98)	X'C9A'	0	TVTONEH	"TVTONE+2,2" Constant halfword = 1
3228	(C9C)	CHARACTER	8	TVTBLANK	CONSTANT BLANKS
3236	(CA4)	BITSTRING	8	TVTRMFF	CONSTANT 'FF'S
3236	(CA4)	X'CA8'	0	TVTRM7F	"TVTRMFF+4" CONSTANT '7F'S
3236	(CA4)	X'2'	0	TVTBTJST	"2" CSBT THRESHOLD FOR JST
3236	(CA4)	X'A'	0	TVTBTJDS	"10" CSBT THRESHOLD FOR JDS
3236	(CA4)	X'2'	0	TVTTJDSA	"2" CSBT THRESHOLD FOR APPC JDS
3244	(CAC)	ADDRESS	4	TVTCSCP	CHAINED SRF CELL POOL PTR
3248	(CB0)	ADDRESS	4	TVTALETA	"V(TVTALET)" ADDRESS OF A 64 BYTE FIELD THAT IS USED TO INITIALIZE ALL OF THE ACCESS REGISTERS WITH THE ACCESS LIST ENTRY (ALET) OF THE PRIMARY ADDRESS SPACE
3248	(CB0)	X'CB0'	0	TVTCLREG	"TVTALETA,4" Alias for TVTALETA

Table 287. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
3252	(CB4)	ADDRESS	4	TVTRJPCP	RJP Cell Pool Pointer
3256	(CB8)	SIGNED	4	TVTJDDLM	IATINSTD Job SYSIN DD statement lmt
3260	(CBC)	SIGNED	4	TVTRU390(4)	RESERVED FOR USER
		END OF MISCELLANEOUS AND UNIVERSAL CONSTANTS			
3276	(CCC)	SIGNED	4	(0)	- BEGINNING OF NJE UPDATE
		THE VALUE DEFINED IN THE FOLLOWING FIELD IS ALSO 0 USED IN IATINGN TO RESET TO THE DEFAULT VALUE. ANY 0 CHANGE IN THE DEFAULT VALUE HERE MUST ALSO BE MADE 0 IN IATINGN. 0			
3276	(CCC)	CHARACTER	8	HOMENODE	- HOME (LOCAL) NODE ID
3284	(CD4)	ADDRESS	4	ANJETBL	- PTR TO NJE NODE TABLE
3288	(CD8)	SIGNED	4	TVTRD403(2)	Reserved for Development
3296	(CE0)	ADDRESS	4	ANJESRCH	"V(IATXNTS)" - ADDRESS OF NJE TABLE SEARCH
3300	(CE4)	ADDRESS	4	ANJECHKS	"V(CHECKSWB)" ADDRESS OF CHECKSWB ROUTINE
3304	(CE8)	ADDRESS	4	DSPNJESN	"V(NJESND)" - DSP DICT ENTRY FOR NJESND
3308	(CEC)	ADDRESS	4	DSPNJESF	"V(NJESF)" - DSP DICT ENTRY FOR NJESF
3312	(CF0)	SIGNED	2	TVTRD405	- RESERVED FOR DEVELOPMENT
3314	(CF2)	BITSTRING	1	TVTRD410(2)	- RESERVED FOR DEVELOPMENT 0133
3316	(CF4)	BITSTRING	1	TVTNJEF1	NJE FLAG BYTE 1 0133
		DEFINITION OF NJE FLAG BYTE 1 0			
		1...		TVTNJEOK	"X'80'" NETWORK DEFINITION VALID 0133
		.1..		TVTNOPRE	"X'40'" When set, PRECHECK=NO for the HOMENODE
		..1.		TVTRFN20	"X'20'" RESERVED FLAG 0133
		...1		TVTRFN10	"X'10'" RESERVED FLAG 0133
		.... 1...		TVTRFN08	"X'08'" RESERVED FLAG 0133
		.... .1..		TVTRFN04	"X'04'" RESERVED FLAG 0133
		.... ..1.		TVTRFN02	"X'02'" RESERVED FLAG 0133
		1		TVTRFN01	"X'01'" RESERVED FLAG 0133
		DEFINITION OF JCL LIMIT VALUES BY SYSTEM AND JOB			
3317	(CF5)	BITSTRING	1	TVTJLFLG	IATIISB JCL STATEMENT FLAG
		1...		TVTQBIT	"X'80'" JCL STATEMENT QUIESCE BIT
		.1..		TVTDDINB	"X'40'" SYSIN DD stmnt limit set
3318	(CF6)	SIGNED	2	TVTRU410	RESERVED FOR USER
3320	(CF8)	SIGNED	4	TVTADSLM	INCH,MODX ADDRESS SPACE JCL LIMIT
3324	(CFC)	SIGNED	4	TVTSYCNT	IISB,IIDR JCL STATEMENT ADDR SPACE COUNT
3328	(D00)	SIGNED	4	TVTJOBLM	INCH,MODX JOB JCL STATEMENT LIMIT
		FSS NAME AND ASID FOR IATXIWT, WTO, ETC..			
3332	(D04)	ADDRESS	1	TVTFSMSL	LENGTH OF FSS MESSAGE

Table 287. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
3332	(D04)	X'D05'	0	TVTFSMSS	"*" START OF FSS MESSAGE
3333	(D05)	CHARACTER	4		
3337	(D09)	CHARACTER	8	TVTFSSNM	SET BY INIT FSS NAME, FROM START COMMAND
3345	(D11)	CHARACTER	7		
3352	(D18)	CHARACTER	4	TVTEASID	SET BY INIT ASID, FROM START COMMAND
3352	(D18)	X'D1C'	0	TVTFSMSE	"*" END OF FSS MESSAGE
3333	(D05)	CHARACTER	23	TVTFSMSG	POINTER TO ENTIRE MESSAGE
3356	(D1C)	BITSTRING	12	TVTSNFDB	SNANJE CKPT ROOT FDB
3368	(D28)	ADDRESS	4	TVTBDCDA	ADDRESS OF IATBDCD DATA CSECT
3372	(D2C)	ADDRESS	4	TVTBCOMM	"V(BDTCOMM)" ADDRESS OF BDTCOMM FCT ENTRY
3376	(D30)	SIGNED	4	TVTRD420	RESERVED FOR DEVELOPMENT
3380	(D34)	SIGNED	4	TVTRS420(12)	RESERVED FOR SERVICE
	BULK DATA TRANSFER (BDT) DATA AREA AND SNA NJE DATA AREA				
3428	(D64)	ADDRESS	4	TVTRU430(10)	RESERVED FOR USER
3468	(D8C)	SIGNED	2	TVTRD425	RESERVED FOR DEVELOPMENT
	DEFINITION OF TVTBFLG1				
3470	(D8E)	BITSTRING	1	TVTBFLG1	SNA NJE FLAG 1
		1...		TVTBNFG	"X'80'" BDT NOW FUNCTIONING GOOD (BDT UP AND OPERATIONAL)
3471	(D8F)	BITSTRING	1	TVTRD430	RESERVED FOR DEVELOPMENT
3472	(D90)	ADDRESS	4	TVTBDUMY	BDT DUMMY CONSOLE ENTRY ADDR
3476	(D94)	ADDRESS	4	TVTBSCT	BDT SUBSYSTEM COMM TABLES
3480	(D98)	ADDRESS	4	TVTBREC	"V(RECDSP)" IATOSBM OUTPUT SERVICE/SNA NJE RECOVERY DSP
3484	(D9C)	CHARACTER	8	TVTSYSID	BDT DEFAULT SYSID
	DEFINITION OF TVTBECF				
3492	(DA4)	BITSTRING	1	TVTBECF	BDT SUBSYSTEM ECF
		1111		TVTBMSK	"X'F0'" ECF MASK FOR AWAIT
		1...		TVTBCMD	"X'80'" BDT COMMAND BUFFERED
		.1..		TVTBCMDQ	"X'40'" BDT COMMAND QUEUED
		..1.		TVTBRSV1	"X'20'" Reserved flag
		...1		TVTBJCRQ	"X'10'" JES3 COMMAND RESPONSE QUEUED
	DEFINITION OF TVTBECFN				
3493	(DA5)	BITSTRING	1	TVTBECFN	SNA NJE ECF
		111. .1..		TVTBNMSK	"X'E4'" ECF MASK FOR AWAIT
		1...		TVTBNJET	"X'80'" SNA NJE TRANSACTION QUEUED
		.1..		TVTBONMR	"X'40'" SNA NJE OUTBOUND NMR QUEUED
		..1.		TVTBRECC	"X'20'" IATOSDR RECOVERY COMPLETE
		...1		TVTRD460	"X'10'" Reserved Flag
		.... 1...		TVTRD465	"X'08'" Reserved Flag

Table 287. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... .1..		TVTBEND	"X'04'" BDT EOJ (POSTED BY MSMS)

```
DEFINITION OF TVTBECFS -- This Byte is used as an
ECF for the DESTINATION Q's for function codes 62
and 63 (the "BDT Subsystem Q" and the "BDT Staging
Area Shuttle Q"). The manipulation of the DEST Q
(Adding and Deleting of Staging Areas) and the
Posting of the related ECB are done outside of and
within the JES3 Address space. Therefore, ANY bit
used in the following Byte MUST be serialized on
(ie. Use OIL, NIL, or equivalent Compare-and-Swap
logic).
```

3494	(DA6)	BITSTRING	1	TVTBECFS	SNA NJE ECF (Serialized)
		11..		TVTBSMSK	"X'C0'" SNA NJE ECF Mask
		1...		TVTBSSA	"X'80'" BDT Shuttle Staging Area
		.1..		TVTBSSIR	"X'40'" Subsystem Interface Request
		..11 1111		TVTRD480	"X'3F'" Reserved Bits
3495	(DA7)	BITSTRING	1	TVTRS480	Reserved for Service
3496	(DA8)	SIGNED	4	(3)	
3508	(DB4)	BITSTRING	1	(3)	MUST BE ZEROS
3511	(DB7)	BITSTRING	1		MASK BITS USED IN SNA NJE ECF
3512	(DB8)	DBL WORD	8	TVTEND(0)	END OF TABLE

```
            RESOURCE EQUATES
         JES3 Resource Table
   $RW=WLMBATCH HJS6608 980813 PD0DR: OS2.8.0
            RESOURCE NAMES
       NOTE: RESOURCE NAMES INDEXED BY PRIORITY,
       MUST BE SPECIFIED SEQUENTIALLY TO INSURE CORRECT
       OPERATION OF THE AENQ, ADEQ, ATEST ROUTINES.
, IATYRSC NAMES=(RQ,
, DLQ,
, JNCBCTL,
, SYSUNIT,
, CHKPNT,
, WTD,
, FCT,
, PRO,
, SNARMVCB,
, ICT,
, LCLJNEWS,
, RJPJNEWS,
, TSOJNEWS,
, FSSCKPT,
, GMSCKPT,
, JQEPTY0,
, JQEPTY1,
, JQEPTY2,
, JQEPTY3,
, JQEPTY4,
, JQEPTY5,
, JQEPTY6,
, JQEPTY7,
, JQEPTY8,
, JQEPTY9,
, JQEPTY10,
, JQEPTY11,
, JQEPTY12,
, JQEPTY13,
, JQEPTY14,
, JQEPTY15)
```

3512	(DB8)	X'0'	0	RQ	"0"
3512	(DB8)	X'1'	0	DLQ	"1"
3512	(DB8)	X'2'	0	JNCBCTL	"2"
3512	(DB8)	X'3'	0	SYSUNIT	"3"
3512	(DB8)	X'4'	0	CHKPNT	"4"
3512	(DB8)	X'5'	0	WTD	"5"

Table 287. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
3512	(DB8)	X'6'	0	FCT	"6"
3512	(DB8)	X'7'	0	PRO	"7"
3512	(DB8)	X'8'	0	SNARMVCB	"8"
3512	(DB8)	X'9'	0	ICT	"9"
3512	(DB8)	X'A'	0	LCLJNEWS	"10"
3512	(DB8)	X'B'	0	RJPJNEWS	"11"
3512	(DB8)	X'C'	0	TSOJNEWS	"12"
3512	(DB8)	X'D'	0	FSSCKPT	"13"
3512	(DB8)	X'E'	0	GMSCKPT	"14"
3512	(DB8)	X'F'	0	JQEPTY0	"15"
3512	(DB8)	X'10'	0	JQEPTY1	"16"
3512	(DB8)	X'11'	0	JQEPTY2	"17"
3512	(DB8)	X'12'	0	JQEPTY3	"18"
3512	(DB8)	X'13'	0	JQEPTY4	"19"
3512	(DB8)	X'14'	0	JQEPTY5	"20"
3512	(DB8)	X'15'	0	JQEPTY6	"21"
3512	(DB8)	X'16'	0	JQEPTY7	"22"
3512	(DB8)	X'17'	0	JQEPTY8	"23"
3512	(DB8)	X'18'	0	JQEPTY9	"24"
3512	(DB8)	X'19'	0	JQEPTY10	"25"
3512	(DB8)	X'1A'	0	JQEPTY11	"26"
3512	(DB8)	X'1B'	0	JQEPTY12	"27"
3512	(DB8)	X'1C'	0	JQEPTY13	"28"
3512	(DB8)	X'1D'	0	JQEPTY14	"29"
3512	(DB8)	X'1E'	0	JQEPTY15	"30"
3512	(DB8)	X'1F'	0	ARNAMES	"31" NUMBER OF RESOURCES
		RESOURCE MANAGEMENT FUNCTION VALUES			
3512	(DB8)	X'0'	0	RSCNOWAT	"0" NO WAIT
3512	(DB8)	X'4'	0	RSCWAIT	"4" BUSY=WAIT
3512	(DB8)	X'8'	0	RSCNOFCT	"8" NO FCT
3512	(DB8)	X'C'	0	RSCFCT	"12" FCT
3512	(DB8)	X'10'	0	RSCTTEST	"16" TYPE=TEST
3512	(DB8)	X'14'	0	RSCTFCT	"20" TYPE=FCT
3512	(DB8)	X'18'	0	RSCTWAIT	"24" TYPE=TEST, BUSY=WAIT

Table 288. Structure IATYTVTX

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATYTVTX	IATYTVTX.27: Fixed TVT extension
		JES3 MODULE ENTRY POINT IDENTIFIER 01 Change Activity: $SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0			
0	(0)	CHARACTER	8	TVTFID	MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE

Table 288. Structure IATYTVTX (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM 0108
36	(24)	CHARACTER	20	TVTF_EYE_CATCHER	0108 0108
56	(38)	SIGNED	4	TVTFVERS	IATYTVTX.242: Current version of the control block
60	(3C)	ADDRESS	4	TVTTVTF	IATYTVTX.248: Pointer to the primary extension of the TVT
64	(40)	ADDRESS	4	TVTFCTVT	IATYTVTX.254: Pointer to the checkpointable extension of the TVT
68	(44)	SIGNED	4	TVTFLEN	IATYTVTX.260: Dynamic length of the TVT fixed extension
72	(48)	CHARACTER	94	DUMYCNDB	IATYTVTX.269: The CNDB for the DUMMY console
166	(A6)	SIGNED	2		IATYTVTX.97: Reserved for Developement
168	(A8)	ADDRESS	4	TVTXM702	IATYTVTX.275: Address of MVS WPL to WPX conversion routine (IEAVM702) - set by IATINIT
172	(AC)	ADDRESS	4	TVTXM703	IATYTVTX.281: Address of multi-line WTO text extraction routine (IEAVM703) - set by IATINIT
176	(B0)	ADDRESS	4	TVTXSST	IATYTVTX.287: Security Subtask comunication table, address is resolved by IATGRSS
180	(B4)	SIGNED	4	TVTXSSEV	IATYTVTX.293: Security Subtask initialization complete ECB
184	(B8)	ADDRESS	4	TVTXSSTB	IATYTVTX.299: Security Subtask TCB address
188	(BC)	ADDRESS	4	TVTXGSG	"V(GSGSTART)" IATYTVTX.305: Address of Generalized Subtask Global Data Area (GSG) - within module IATGRGS
192	(C0)	SIGNED	4	TVTXJXGT	IATYTVTX.19: JESXCF Group Token
196	(C4)	SIGNED	4	TVTXITRC	Pointer to the Internal Trace Table 0027 header 0027
AHED fields are defined as zeroed constants to ensure the storage for these fields is initially set to zeroes.					
200	(C8)	DBL WORD	8	TVTXAHED(0)	IATYTVTX.311: Stack head for automatic area stack
200	(C8)	SIGNED	4	AHED_SEQUENCE	IATYAHED.93: CDS Sequence number
204	(CC)	ADDRESS	4	AHED_ANCHOR	IATYAHED.99: Pointer to head of stack
208	(D0)	ADDRESS	4	AHED_TOTAL	IATYAHED.108: The total number of buffers allocated
212	(D4)	ADDRESS	4	AHED_FREE	IATYAHED.114: Number of free buffers
216	(D8)	ADDRESS	4	TVTXCS03	"V(IATCS03)" Pointer to the callable service that returns the type of console
220	(DC)	ADDRESS	4	TVTXCS06	"V(IATCS06)" Pointer to the callable service that converts destination class to route code mask
224	(E0)	ADDRESS	4	TVTXCS07	"V(IATCS07)" Pointer to the callable service that converts route code to route code mask
228	(E4)	ADDRESS	4	TVTXCS08	"V(IATCS08)" Pointer to the callable service that converts destination class to a route value

Table 288. Structure IATYTVTX (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
232	(E8)	ADDRESS	4	TVTXCS09	"V(IATCS09)" Pointer to the callable service that converts destination class (Mask displacement) to a route code mask
236	(EC)	ADDRESS	4	TVTXCS10	"V(IATCS10)" Pointer to the callable service that converts route code mask to a route code string
240	(F0)	ADDRESS	4	TVTXCS11	"V(IATCS11)" Pointer to the callable service that converts route code mask to a destination class string
244	(F4)	ADDRESS	4	TVTXCS12	"V(IATCS12)" Pointer to the callable service that selects a route code from a route code mask and converts it to a dest class
		Pointer to the RJP ALERTECB SRB routine which JESXCF schedules when an workstation has crossed the message threshold.			
248	(F8)	ADDRESS	4	TVTXRJPC	"V(RJPCALRT)"
		WLM Data Area address			
252	(FC)	ADDRESS	4	TVTXWLM	WLM Data Area address
		Address of the IATXWCLF service routine in IATWLCLF.			
256	(100)	ADDRESS	4	TVTXWCLF	"V(WLMCLSFY)"
		Address of the IATXWLM service routine in IATWLSRV.			
260	(104)	ADDRESS	4	TVTXWSRV	"V(WLMSERV)"
		Address of the IATXSRVC service routine in IATWLSCS.			
264	(108)	ADDRESS	4	TVTXSCSV	"V(SRVCSERV)"
		Address of the IATXDELY service routine in IATGRDLY.			
268	(10C)	ADDRESS	4	TVTXDELY	"V(JOBDELAY)"
		Address of the IATXGENF service routine in IATGRGPF			
272	(110)	ADDRESS	4	TVTXGENF	"V(GENFSERV)"
		Address of the General Purpose DSP dictionary entry.			
276	(114)	ADDRESS	4	TVTXGPDS	"V(GENERALP)"
		Address of the WLM Job Select routine in IATMSWLC.			
280	(118)	ADDRESS	4	TVTXWSEL	"V(WLMSLECT)"
		Address of WLM Deselect routine in IATMSWLD.			
284	(11C)	ADDRESS	4	TVTXWDSL	"V(WLMDESEL)"

Table 288. Structure IATYTVTX (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		Address of Job Spool Partition Check routine in IATDMTK.			
288	(120)	ADDRESS	4	TVTXJSPC	"V(DMTKJSPC)"
		Address of Class Limit Shadow initialization routine in IATMSCC.			
292	(124)	ADDRESS	4	TVTX_CLSHADIN	"V(MSCCCLSI)"
		Address of Class Limit Shadow re-initialization routine in IATMSCC.			
296	(128)	ADDRESS	4	TVTX_CLSHADRE	"V(MSCCCLSR)"
		Address of Class Limit Shadow update routine in IATMSCC.			
300	(12C)	ADDRESS	4	TVTX_CLSHADUP	"V(MSCCCLUP)"
		Address of Class Limit delay update routine in IATMSCC.			
304	(130)	ADDRESS	4	TVTX_CLSDLYUP	"V(MSCCDLYU)"
		Address of Class Constraint modify update routine in IATMSCC.			
308	(134)	ADDRESS	4	TVTX_CLSMODUP	"V(MSCCMODU)"
		Address of the IATXWCLF service routine in IATWLCLF.			
312	(138)	ADDRESS	4	TVTXSSCR	"V(SCHEDCR)"
		Address of local/CMS lock service routine in IATGRG1.			
316	(13C)	ADDRESS	4	TVTX_LCLCMSLK	"V(LCLCMSLK)"
		ATR chain address			
320	(140)	ADDRESS	4	TVTXATR	ATR chain address
320	(140)	X'1'	0	TVTF313	"1" IATYTVTX.143: Equate for HJS3313
320	(140)	X'2'	0	TVTF511	"2" IATYTVTX.152: Equate for HJS5511
324	(144)	ADDRESS	4	TVTX_MPUNITS(0)	Copies of MPUNITS
452	(1C4)	ADDRESS	4	TVTX_MPSETTRE(0)	Copies of MPSETTRE
		Address of subfunction parameter table entry for IATGRJPC. Only used on global.			
580	(244)	ADDRESS	4	TVTXGCTB	"V(TBEJPCST)"
		Address of subfunction parameter table entry for IATGRJPI. Only used on global.			
584	(248)	ADDRESS	4	TVTXGITB	"V(TBEJPIST)"
		Address of subfunction parameter table entry for IATGRJPN. Only used on global.			

Table 288. Structure IATYTVTX (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
588	(24C)	ADDRESS	4	TVTXGNTB	"V(TBEJPNST)"
		Address of subfunction parameter table entry for IATGRJPS. Only used on global.			
592	(250)	ADDRESS	4	TVTXGSTB	"V(TBEJPSST)"
		Address of subfunction parameter table entry for IATGRJPX. Only used on global.			
596	(254)	ADDRESS	4	TVTXGXTB	"V(TBEJPXST)"
		Address of get request from staging area routine. Only used on global.			
600	(258)	ADDRESS	4	TVTXGSRQ	"V(GETSAREQ)"
		Address of wildcard check service routine. Only used on global.			
604	(25C)	ADDRESS	4	TVTXGWCK	"V(WILDCHEK)"
		Address of wildcard get length service routine. Only used on global.			
608	(260)	ADDRESS	4	TVTXGWLN	"V(WILDLEN)"
		Address of get storage from staging area routine. Only used on global.			
612	(264)	ADDRESS	4	TVTXGGSM	"V(GETSSTGM)"
		Address of subfunction parameter table entry for IATGR83 JES Device Info. Only used on global.			
616	(268)	ADDRESS	4	TVTXJDTB	"V(TBEJDVST)"
		Address of IATGRPLX JESPlex System Information processing routine. Only used on the global.			
620	(26C)	ADDRESS	4	TVTXPLXI	"V(GRPLX)"
		Address of IATGR83C Console Information processing routine. Only used on the global.			
624	(270)	ADDRESS	4	TVTX83C	"V(GR83C)"
		Address of IATGR83D Reader Information processing routine. Only used on the global.			
628	(274)	ADDRESS	4	TVTX83D	"V(GR83D)"
		Address of IATGR83N Network/Lines Information processing routine. Only used on the global.			
632	(278)	ADDRESS	4	TVTX83N	"V(GR83N)"
		Address of IATGR83P Printer/Punch Information processing routine. Only used on the global.			
636	(27C)	ADDRESS	4	TVTX83P	"V(GR83P)"

Table 288. Structure IATYTVTX (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		Address of IATGR83R Remote Workstation Information processing routine. Only used on the global.			
640	(280)	ADDRESS	4	TVTX83R	"V(GR83R)"
		STT Copy Table pointer			
644	(284)	ADDRESS	4	TVTXSTTM	STT copy table - IATYSTTM
		Address of IATGRENF ENF services. Only used on global.			
648	(288)	ADDRESS	4	TVTXENF	"V(GRENF)"
		The following 3 fields: TVTXEWRK, TVTXECTL and TVTXEFRW must be contiguous since CDS logic is used to serialize access to the queue of IATGRENF work areas.			
656	(290)	DBL WORD	8	TVTXEWRK(0)	Queue of available work areas used by IATGRENF
656	(290)	SIGNED	4	TVTXECTL	Queue control word
660	(294)	ADDRESS	4	TVTXEFRW	Address of 1st free element
		Serially re-usable subtask work area used by IATGRENF's ENF70-signaling subtask.			
664	(298)	ADDRESS	4	TVTXE7SW	ENF70 subtask work area
		Address of IATGRJNF ENF 78 service. Only used on global.			
668	(29C)	ADDRESS	4	TVTXJNF	"V(GRJNF)"
672	(2A0)	ADDRESS	4	TVTXJFRW	Address of 1st available subtask work area used by IATGRJNF
676	(2A4)	SIGNED	4	TVTXJFCT	Diagnostic count for how many times a subtask work area was unavailable
		End of TVTX fields.			
676	(2A4)	X'2A8'	0	IATYTVTX_LEN	"*-IATYTVTX"

Table 289. Structure IATYTVTC

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATYTVTC	IATYTVTC.176: TVT Checkpointed extension
		JES3 MODULE ENTRY POINT IDENTIFIER 01 Change Activity: $SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0			
0	(0)	CHARACTER	8	TVTCID	MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM 0108
36	(24)	CHARACTER	28	TVTCEYE	0108 0108

Table 289. Structure IATYTVTC (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
64	(40)	SIGNED	4	TVTCVERS	IATYTVTC.27: Current version of the control block
68	(44)	ADDRESS	4	TVTTVTC	IATYTVTC.37: Pointer to the primary extension of the TVT
72	(48)	ADDRESS	4	TVTCFTVT	IATYTVTC.34: Pointer to the fixed extension of the TVT
76	(4C)	SIGNED	4	TVTCLEN	IATYTVTC.131: Dynamic length of the TVT fixed extension

```
 IATYCNDB_1:;
 START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  5647-A01 COPYRIGHT IBM CORP. 1989, 2010
  STATUS= HJS7770
  END_OF_PROPRIETARY_STATEMENT
    This data area is maintained as a CASE mapping macro.
    Changes should be made to the CASE source and then
    the PLX and Assembler should be regenerated.
    Do NOT make changes to the PLX or Assembler directly!
01 Descriptive Name: Console Destination Block
      Acronym: CNDB
01 Macro Name: IATYCNDB
01 DSECT name: IATYCNDB
       --based variable for storage mapping
01 Component: JES3 (SC1BA)
01 Function:
02 The console destination block is a control block that
      contains information related to the destination that
      messages should be sent to. This control block is built
      as commands are entered into to the system and is used by
      command processors as a destination for where to return
      messages to. The control block is imbeded in other
      control blocks and the size of the data area must not
      change (otherwise a JES3 cold start is required). The
      data is referenced by non-source maintained modules, so
      offsets into the data area must not change.
01 Eye-Catcher: CNDBEYE
02 Offset: 4
02 Length: 4
01 Language: PL/X
01 Storage attributes:
02 Allocation Method: Imbeded within other control blocks
02 Main Storage: 94
02 Virtual Storage: 94
02 Auxiliary Storage: 94
02 Subpool: n/a
02 Key: 1
02 Data Space: N/A
02 Residency: any
02 Frequency: n/a
02 Size: 94
02 Created by: n/a
02 Deleted by: n/a
02 Pointed to by: Imbeded within other control blocks
02 Serialization: none
```

```
01 EXTERNAL CLASSIFICATION: DMTI
01 END OF EXTERNAL CLASSIFICATION:
01 Method Of access:
02 ASM: IATYCNDB
02 PLX: %INCLUDE SYSLIB(IATYCNDB)
01 CHANGE ACTIVITY:
    $QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support
    $RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init
    $T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0
     CASE/390 - VERSION 49
 END OF SPECIFICATIONS
```

80	(50)	SIGNED	4	TVTCNJEM(0)	IATYCNDB.27: based variable for storage mapping
80	(50)	SIGNED	4		Four byte console id 0176
84	(54)	CHARACTER	4		IATYCNDB eyecatcher
88	(58)	ADDRESS	4		IATYCNDB version
92	(5C)	BITSTRING	8		Reserved for development

Table 289. Structure IATYTVTC (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
100	(64)	BITSTRING	8		Console Name 0176
108	(6C)	BITSTRING	24		Reserved for development
132	(84)	SIGNED	2		Reserved for development
134	(86)	BITSTRING	40		Reserved for development class
IATYCNDB_1:;					
176	(B0)	SIGNED	4	TVTCBDTM(0)	IATYCNDB.27: based variable for storage mapping
176	(B0)	SIGNED	4		Four byte console id 0176
180	(B4)	CHARACTER	4		IATYCNDB eyecatcher
184	(B8)	ADDRESS	4		IATYCNDB version
188	(BC)	BITSTRING	8		Reserved for development
196	(C4)	BITSTRING	8		Console Name 0176
204	(CC)	BITSTRING	24		Reserved for development
228	(E4)	SIGNED	2		Reserved for development
230	(E6)	BITSTRING	40		Reserved for development class
270	(10E)	CHARACTER	256	TVTCRD01	IATYTVTC.158: Reserved for Develop.
526	(20E)	CHARACTER	256	TVTCRD02	IATYTVTC.189: Reserved for Develop.
782	(30E)	CHARACTER	256	TVTCRD03	IATYTVTC.212: Reserved for Develop.
1038	(40E)	CHARACTER	256	TVTCRD04	IATYTVTC.147: Reserved for Develop.
1294	(50E)	CHARACTER	256	TVTCRS01	IATYTVTC.167: Reserved for Service.
1550	(60E)	CHARACTER	256	TVTCRS02	IATYTVTC.1: Reserved for Service.
1806	(70E)	CHARACTER	256	TVTCRS03	IATYTVTC.215: Reserved for Service.
2062	(80E)	CHARACTER	256	TVTCRS04	IATYTVTC.173: Reserved for Service.
2062	(80E)	X'1'	0	TVTC313	"1" IATYTVTC.203: Equate for HJS3313
2318	(90E)	X'90E'	0	IATYTVTC_LEN	"*-IATYTVTC"
IATYFDB FILE DESCRIPTION BLOCK THE FDB HAS BEEN PREVIOUSLY GENERATED IATYITXT FUNC=EQUATES Intermediate text file ids Intermediate Text File Identifiers 01 Change Activity: $SR= TCPNJE HJS7720 030630 PD0RF: z 1.7.0					
,SETUNITS					
		1		ITXSETUN	"X'1'" Intermediate text file id
,SUPUNITS					
		.... ..1.		ITXSUPUN	"X'2'" Intermediate text file id
,SYSOUT CLASS					
		11		ITXSYSOT	"X'3'" Intermediate text file id
,SOCKET Definition					
		.... .1..		ITXSOCKT	"X'4'" Intermediate text file id
,DEADLINE					
		.... .1.1		ITXDEADL	"X'5'" Intermediate text file id

Table 289. Structure IATYTVTC (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
,NETSERV definition					
		.... .11.		ITXNETSV	"X'6'" Intermediate text file id
,REMOTE CONSOLE					
		.... .111		ITXRMTCN	"X'7'" Intermediate text file id
,RESDSN					
		.... 1...		ITXRESDS	"X'8'" Intermediate text file id
,RESERVED					
		.... 1..1		ITXRSD03	"X'9'" Intermediate text file id
,SETPARAM					
		.... 1.1.		ITXSETPA	"X'A'" Intermediate text file id
,SETNAME					
		.... 1.11		ITXSETNM	"X'B'" Intermediate text file id
,MAINPROC, GROUP, CLASS					
		.... 11..		ITXMAINP	"X'C'" Intermediate text file id
,CLASS INFO, SELECT, GROUP EXRESC					
		.... 11.1		ITXCLASS	"X'D'" Intermediate text file id
,RJPLINE					
		.... 111.		ITXRJPLN	"X'E'" Intermediate text file id
,CONSTD					
		 1111		ITXCONST	"X'F'" Intermediate text file id
,RJPTERM					
		...1		ITXRJPTM	"X'10'" Intermediate text file id
,RESERVED					
		...1 ...1		ITXRSD04	"X'11'" Intermediate text file id
,CIPARM					
		...1 ..1.		ITXCIPRM	"X'12'" Intermediate text file id
,MSGROUTE					
		...1 ..11		ITXMSGRT	"X'13'" Intermediate text file id
,SETACC					
		...1 .1..		ITXSETAC	"X'14'" Intermediate text file id

Table 289. Structure IATYTVTC (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
,SETRES					
		...1 .1.1		ITXSETRS	"X'15'" Intermediate text file id
,HWSNAME					
		...1 .11.		ITXHWSNM	"X'16'" Intermediate text file id
,DEVICE FENCE (EXRESC, DEVPOOL)					
		...1 .111		ITXDVFNC	"X'17'" Intermediate text file id
,RESERVED					
		...1 1...		ITXRSD05	"X'18'" Intermediate text file id
,RESERVED					
		...1 1..1		ITXRSD06	"X'19'" Intermediate text file id
,RESERVED					
		...1 1.1.		ITXRSD07	"X'1A'" Intermediate text file id
,RESERVED					
		...1 1.11		ITXRSD08	"X'1B'" Intermediate text file id
,RJPWS (WSB)					
		...1 11..		ITXWSB	"X'1C'" Intermediate text file id
,COMPACT					
		...1 11.1		ITXCOMPC	"X'1D'" Intermediate text file id
,RJPWS (RLT)					
		...1 111.		ITXRJPWS	"X'1E'" Intermediate text file id
,DYNALDSN					
		...1 1111		ITXDYNDS	"X'1F'" Intermediate text file id
,FSSDEF					
		..1.		ITXFSSDF	"X'20'" Intermediate text file id
,RESERVED					
		..1. ...1		ITXRSD09	"X'21'" Intermediate text file id
,DESTDEF					
		..1. ..1.		ITXDSTDF	"X'22'" Intermediate text file id
,NJERMT					
		..1. ..11		ITXNJERM	"X'23'" Intermediate text file id

Table 289. Structure IATYTVTC (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
,USER1					
		..1. .1..		ITXUSR01	"X'24'" Intermediate text file id
,USER2					
		..1. .1.1		ITXUSR02	"X'25'" Intermediate text file id
,USER3					
		..1. .11.		ITXUSR03	"X'26'" Intermediate text file id
,USER4					
		..1. .111		ITXUSR04	"X'27'" Intermediate text file id
,USER5					
		..1. 1...		ITXUSR05	"X'28'" Intermediate text file id
,USER6					
		..1. 1..1		ITXUSR06	"X'29'" Intermediate text file id
,USER7					
		..1. 1.1.		ITXUSR07	"X'2A'" Intermediate text file id
,USER8					
		..1. 1.11		ITXUSR08	"X'2B'" Intermediate text file id
,USER9					
		..1. 11..		ITXUSR09	"X'2C'" Intermediate text file id
,USER10					
		..1. 11.1		ITXUSR10	"X'2D'" Intermediate text file id
,END OF FILE IDS					
0	(0)	BITSTRING	0	ITXEND	"X'FFFF'" Intermediate text file id

Table 290. Structure IATINDT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATINDT	

```
                    WARNING
THE OFFSETS FOR THE FIELDS DEFINED BETWEEN IATINDT AND
INTFREND MUST NOT BE CHANGED, AS THIS WILL HAVE AN ADVERSE
EFFECT ON SOME JES3 MODULES.
```

Table 291. Cross Reference for IATYINT

Name	Offset	Hex Tag
AASPMAP	6D4	

Table 291. Cross Reference for IATYINT (continued)

Name	Offset	Hex Tag
ABACKR	374	
ABENDAPG	378	
ABENDDCB	6D8	
ABLOCK	37C	
ACCTDFLT	C2C	94DF06B
ACLOSE	380	
ACONCONS	6E0	
ACONRS10	9D	10
ACONRS20	9D	20
ACONSBCB	98	
ACONSRMT	384	
ACONTIME	9D	0
ACTLTRAP	388	
ADEBLOCK	38C	
ADELETE	390	
ADEQ	394	
ADLTABLE	D0	
AENQ	394	394
AFDADD	398	
AFDDELET	39C	
AFDFIND	3A0	
AFGABNUM	B7C	0
AFGDLPST	BC1	80
AFGDMPOS	BC9	8
AFGDMPSA	BC9	4
AFGESTAE	BC9	80
AFGFLAG2	BBF	0
AFGFLAG5	BC1	0
AFGFSACT	BC9	20
AFGGMPF	BBF	80
AFGNOCPF	BBF	40
AFGPJES3	BC9	40
AFGRS201	BBF	1
AFGRS202	BBF	2
AFGRS204	BBF	4
AFGRS208	BBF	8
AFGRS210	BBF	10
AFGRS220	BBF	20
AGETBUF	3A4	
AGETMAIN	84	
AHED_ANCHOR	CC	
AHED_FREE	D4	
AHED_SEQUENCE	C8	0
AHED_TOTAL	D0	
AIATINIT	31C	
AINTDATA	34	

Table 291. Cross Reference for IATYINT (continued)

Name	Offset	Hex Tag
AIOBFECF	BDA	FF
AIOBFUSE	B7E	0
AIOBMIN	B98	0
AIOFDLST	700	
AIOFDNEW	BC2	40
AIOFDPRY	C57	F0
AIOFDTOP	704	
AIOFLAG1	BC2	0
AIOFLAG2	BC3	0
AIOGETBF	BC2	20
AIOJQMSG	BC3	8
AIOMCMSG	BC3	2
AIOMNBUF	BC3	1
AIOMSOUT	BC3	4
AIONBUFS	B82	0
AIONOAWT	BC3	80
AIONOBFM	B84	0
AIONOBFN	95C	0
AIONOSPC	BC2	8
AIOPTJSM	BC3	10
AIORDWRT	BC2	80
AIORESPG	BC3	20
AIOSNGIO	BC2	4
ALOAD	3B0	
ALOCATE	3B4	
ANALYZE	9F	10
ANJECHKS	CE4	
ANJECNSQ	78	
ANJESRCH	CE0	
ANJETBL	CD4	
ANOTE	3B8	
AOPEN	3BC	
AOPEND	3C0	
APOINT	3C4	
APURGE	3C8	
APUTBUF	3CC	
APUTMAIN	88	
ARELEASE	3D4	
ARETNAD	44	
ARNAMES	DB8	1F
AR0	1C	0
AR1	1C	1
AR10	1C	A
AR11	1C	B
AR12	1C	C
AR13	1C	D

Table 291. Cross Reference for IATYINT (continued)

Name	Offset	Hex Tag
AR14	1C	E
AR15	1C	F
AR2	1C	2
AR3	1C	3
AR4	1C	4
AR5	1C	5
AR6	1C	6
AR7	1C	7
AR8	1C	8
AR9	1C	9
ASAVE	40	
ASPABND0	3D8	
ASPECB	38	
ASPTCB	728	
ASYSIOSP	6E8	
ATEST	394	394
ATIME	8C	
ATRACK	3E0	
AUXPTERM	BCA	80
AWAIT	228	80
AWAITEP	3C	
AWAITL	229	81
AWAITOFF	22A	50
AWAITOFL	22B	51
AWRITE	400	
BUFSZ	97C	97E
CHENDAPG	408	
CHKPNT	DB8	4
CKPTAREA	730	
COLDSTRT	9F	80
CONCNJS	324	
CONCNVRT	404	
CONREVRT	418	
CONSAUTH	41C	
CONSUBPL	C59	0
CPUIPL	9F	4
DCTRAPS	900	
DECF	BE0	0
DECFBTR	BE0	1
DECFDR	BE0	10
DECFER	BE0	20
DECFIO	BE0	80
DECFSEC	BE0	8
DECFTX	BE0	40
DEQMSG	420	
DEVSCAN	424	

Table 291. Cross Reference for IATYINT (continued)

Name	Offset	Hex Tag
DJCACTIV	224	10
DJCCKFDB	AF8	0
DJCFREE	34C	
DJCPOST	224	40
DLOCOFF	678	
DLOCON	670	
DLQ	DB8	1
DMTAREQ	1F8	80
DMTARPLY	1F8	40
DMTKSTTR	348	
DNMCONVI	76C	0
DNMDISBL	76D	0
DNMENABL	76E	0
DNMISDRV	76F	0
DNMMAIN	770	0
DNMOUTPT	773	0
DNMPSTSC	771	0
DNMPURGE	774	0
DRDCB	73C	
DSIACTV	9F	8
DSIFCT	740	
DSPCONVI	744	
DSPDIC	DC	
DSPDISBL	748	
DSPDMJA	75C	
DSPENABL	74C	
DSPFSSCT	764	
DSPIG	25C	
DSPISDRV	750	
DSPMAIN	754	
DSPNJESF	CEC	
DSPNJESN	CE8	
DSPOUTPT	760	
DSPPSTSC	758	
DSPRSCNT	924	0
DSPURGE	768	
DSQLOC	D8	
DSQLOCEP	674	
DUMYCNDB	48	
DYNALOC	BCD	80
DYNALRTY	428	
DYNCDD	BCD	20
DYNDYNP	100	
DYNECF	BCD	0
DYNINIT	BCD	10
DYNRALOC	BCD	8

Table 291. Cross Reference for IATYINT (continued)

Name	Offset	Hex Tag
DYNSAMSK	BCD	E8
DYNUNAL	BCD	40
EFTOP	E0	
FAILDSP	4C	
FCT	DB8	6
FCTACTIV	E4	
FCTLAST	1E4	
FCTTOP	30	
FDBALLIO	D	40
FDBASA	D	1
FDBBPTR	14	
FDBCHKPT	6	60
FDBCLOSE	7	10
FDBCSBTJ	8	4
FDBCSBTL	8	8
FDBCSBTR	8	20
FDBCSBTW	8	10
FDBDATA	0	
FDBDATCH	C	20
FDBDKFRR	6	90
FDBDSTAT	1A	40
FDBECF	7	80
FDBEND	C	8
FDBERCNT	11	
FDBERFLG	6	F0
FDBERROR	6	40
FDBFCTPM	6	1
FDBFDATA	C	40
FDBFLAGS	7	
FDBFLAG0	6	
FDBFLAG1	C	
FDBFLAG2	D	
FDBFLAG3	E	
FDBFLGR2	9	
FDBFLGR4	F	
FDBFREND	C	
FDBF0RS1	6	50
FDBF102	C	2
FDBINPUT	7	20
FDBIOCNG	E	40
FDBIOCNT	10	
FDBIOERR	6	20
FDBIOIP	8	40
FDBJBTAT	6	2
FDBJBTER	6	70
FDBJBTEX	C	

Table 291. Cross Reference for IATYINT (continued)

Name	Offset	Hex Tag
FDBJBTL	1C	1C
FDBJBTXL	1C	10
FDBJIOER	1A	20
FDBJTBIT	1A	80
FDBJTEND	1C	
FDBJTERR	1A	2
FDBJTFLG	1A	
FDBJTOFL	1A	8
FDBJTRSV	1B	
FDBJTSPA	E	
FDBJTSPM	E	
FDBJTSPR	10	
FDBLOCAT	D	20
FDBLSTIO	D	80
FDBMAC	D	2
FDBMNTAT	7	40
FDBMODN2	18	
FDBMREND	20	
FDBMRFL	20	20
FDBMULT	7	8
FDBNDATA	D	10
FDBNOADR	4	
FDBNOPUT	6	8
FDBOCLSE	C	80
FDBODEOD	D	8
FDBOLD	6	4
FDBONSP	8	80
FDBOPEND	18	
FDBOPTCD	E	80
FDBPNTIN	C	1
FDBPOINT	C	4
FDBPRTY	6	
FDBRABDU	1A	4
FDBRECCT	C	
FDBRECN2	1A	
FDBRECOV	6	80
FDBRL	12	
FDBROTER	6	10
FDBRRERQ	1A	10
FDBRSFLD	1E	
FDBRSVD1	A	
FDBSKIP	D	4
FDBSPADR	0	
FDBSPFL1	8	
FDBSPLIT	C	10
FDBSPMOD	0	

Table 291. Cross Reference for IATYINT (continued)

Name	Offset	Hex Tag
FDBSPNDX	18	
FDBSPREC	2	
FDBSREND	C	
FDBSRFL	C	C
FDBSRSV1	7	4
FDBSRSV2	7	1
FDBSTART	0	
FDBTAERR	6	30
FDBTMSTP	E	20
FDBVALID	14	
FDBWCHLK	7	2
FINDJNUM	430	
FIRSTDEB	778	
FSSCKPT	DB8	D
GECFJOBN	BDB	8
GECFMCON	BDB	40
GECFMTRK	BDB	20
GECFSTAD	BDB	80
GETUNIT	434	
GMSCKPT	DB8	E
GMSFDB	B04	0
HOMENODE	CCC	D5F14040
HOTSTRT	9F	20
IATGRVT	0	
IATINDT	0	
IATXAMDV	438	
IATXCNS	320	
IATXCPYF	42C	
IATXCSS	27C	
IATXELA	43C	
IATXELD	440	
IATXELS	444	
IATXERCV	448	
IATXFRQ	494	
IATXGOSE	44C	
IATXIOX	450	
IATXIWT	454	
IATXJDS	274	
IATXJET	278	
IATXOSBM	658	
IATXOSPC	65C	
IATXOSPM	2D8	
IATXOSSC	654	
IATXOSSO	660	
IATXOSWS	650	
IATXPOSE	460	

Table 291. Cross Reference for IATYINT (continued)

Name	Offset	Hex Tag
IATXPRMD	458	
IATXPRT	464	
IATXRABC	468	
IATXRABD	46C	
IATXRABP	470	
IATXRCVL	504	
IATXRELC	474	
IATXSCN1	478	
IATXSCN2	47C	
IATXSIO	23C	
IATXSMF	480	
IATXSPR	484	
IATXTRC	288	
IATYTVTC	0	
IATYTVTC_LEN	90E	90E
IATYTVTX	0	
IATYTVTX_LEN	2A4	2A8
ICT	DB8	9
INCNCMP	9D	40
INITCMP	9D	80
INITOPS	BDC	8
INTERCOM	48C	
IOEERROR	22D	80
IOENORML	22D	40
IOERRECF	22D	0
IOERRFCT	784	
IOETIMED	22D	20
IPLMASK	968	0
ITXCIPRM	0	12
ITXCLASS	0	D
ITXCOMPC	0	1D
ITXCONST	0	F
ITXDEADL	0	5
ITXDSTDF	0	22
ITXDVFNC	0	17
ITXDYNDS	0	1F
ITXEND	0	FFFF
ITXFSSDF	0	20
ITXHWSNM	0	16
ITXMAINP	0	C
ITXMSGRT	0	13
ITXNETSV	0	6
ITXNJERM	0	23
ITXRESDS	0	8
ITXRJPLN	0	E
ITXRJPTM	0	10

Table 291. Cross Reference for IATYINT (continued)

Name	Offset	Hex Tag
ITXRJPWS	0	1E
ITXRMTCN	0	7
ITXRSD03	0	9
ITXRSD04	0	11
ITXRSD05	0	18
ITXRSD06	0	19
ITXRSD07	0	1A
ITXRSD08	0	1B
ITXRSD09	0	21
ITXSETAC	0	14
ITXSETNM	0	B
ITXSETPA	0	A
ITXSETRS	0	15
ITXSETUN	0	1
ITXSOCKT	0	4
ITXSUPUN	0	2
ITXSYSOT	0	3
ITXUSR01	0	24
ITXUSR02	0	25
ITXUSR03	0	26
ITXUSR04	0	27
ITXUSR05	0	28
ITXUSR06	0	29
ITXUSR07	0	2A
ITXUSR08	0	2B
ITXUSR09	0	2C
ITXUSR10	0	2D
ITXWSB	0	1C
JCTRKFDB	B44	0
JDSADD	490	
JDSBENRY	270	
JDSGET	498	
JDSHOLD	49C	
JDSPOINT	4A0	
JDSPUT	4A4	
JDSREL	4A8	
JESCKPNT	4B8	
JESCLOSE	4AC	
JESEXCP	4B4	
JESKEY	22C	0
JESMODLK	4C0	
JESMSG	4C4	
JESMSGRT	6F0	
JESOPEN	4C8	
JESPOOL	9C	0
JESREAD	4CC	

Table 291. Cross Reference for IATYINT (continued)

Name	Offset	Hex Tag
JESSNAP	4D0	
JESTAE	48	
JNADD	4DC	
JNCBCTL	DB8	2
JNCBHLD	4E0	
JNCBPOST	224	2
JNCBREL	4E4	
JNCBTOP	E8	
JNDEL	4E8	
JNGET	4EC	
JNUMR	4F0	
JOBCLS	C00	D1E2F3C2
JOBFAIL	C5B	D9
JOBGRP	C08	D1E2F3C2
JOBNALOC	290	
JOBNRTN	294	
JOBNSET	298	
JOBPRTY	C5C	0
JOBSQSIZ	C5D	F0F0F0F3
JQEPTY0	DB8	F
JQEPTY1	DB8	10
JQEPTY10	DB8	19
JQEPTY11	DB8	1A
JQEPTY12	DB8	1B
JQEPTY13	DB8	1C
JQEPTY14	DB8	1D
JQEPTY15	DB8	1E
JQEPTY2	DB8	11
JQEPTY3	DB8	12
JQEPTY4	DB8	13
JQEPTY5	DB8	14
JQEPTY6	DB8	15
JQEPTY7	DB8	16
JQEPTY8	DB8	17
JQEPTY9	DB8	18
JSERV	4F4	
JSSACTIV	BC5	40
JSSCHKPT	BC5	20
JSSDADR	4F8	
JSSDUCHG	BC4	40
JSSEFADD	BC4	4
JSSFCT	EC	
JSSFLG1	BC4	0
JSSFLG2	BC5	0
JSSFSTIM	BC5	80
JSSGPOST	BC4	80

Table 291. Cross Reference for IATYINT (continued)

Name	Offset	Hex Tag
JSSMCGAV	BC4	8
JSSOSWEF	BC4	20
JSSPRELH	BC4	10
JSSPROCN	BC4	2
JSSRETRN	29C	
JSSRQTMR	BC4	1
JSSSTART	BC5	10
JSSTPOST	BC7	0
JSSWORKQ	BC5	8
LCLJNEWS	DB8	A
LOGIN	4FC	
LOGOUT	500	
LVRATPST	BE3	4
LVRRSPST	BE3	2
LVRRSV10	BE3	10
LVRRSV20	BE3	20
LVRRSV40	BE3	40
LVRRSV80	BE3	80
LVRSAPST	BE3	1
MAINACT	F0	
MAINDATA	F4	
MCLASS	F8	
MDSPARM	FC	
MESSAGE	90	
MGROUP	104	
MLBCB	108	
MNTRKFDB	B10	0
MOVEDATA	50C	
MSGCECF	BDB	0
MSSACT	BCC	80
MSSDEPTH	BCC	20
MSSJOB	BCC	40
NCBTAADD	510	
NCBTAFND	514	
NCBTAGET	518	
NCBTAPUT	51C	
NCBTAREL	520	
NCKADD	524	
NCKDEL	528	
NCKLOCK	1E8	0
NCKLOCKD	50C	80
NJPNAME	C10	40404040
OSEFLAGS	BDC	0
OSEOUTPT	BDC	40
OSERQWS	BDC	4
OSETIMER	BDC	20

Table 291. Cross Reference for IATYINT (continued)

Name	Offset	Hex Tag
OSEWTRS	BDC	10
OSEWTRSL	BDC	2
OSGRJGET	330	
OSGRJPUT	334	
OSGRJREL	338	
OSSRQTOP	7F4	
OSSWAIT	7F8	
OSWSQUE	87C	
PAFCTBTM	110	
PAFCTTOP	114	
POSTSRS	52C	
PRO	DB8	7
PRTAB	120	
PUNTAB	124	
PURCHAIN	530	
PUTUNIT	534	
RCLOSE	538	
RESTABLE	128	
RJPASYNQ	800	
RJPCPOST	9D	8
RJPCTIME	9D	4
RJPECB	804	
RJPECF	804	0
RJPECFAB	805	20
RJPECFCE	805	80
RJPECFCN	805	4
RJPECFLL	805	2
RJPECFOP	805	10
RJPECFST	805	8
RJPECFTM	805	40
RJPIO	554	
RJPJNEWS	DB8	B
RJPLDCTQ	808	
RJPRTERM	A8	
RJPSNAP	558	
RJPSNPFL	231	0
RJPTAB	A0	
ROPEN	55C	
RQ	DB8	0
RQBTM	174	
RQDTOP	178	
RQTAADD	564	
RQTADEL	568	
RQTAPUT	56C	
RQTOP	17C	
RQWTRTOP	80C	

Table 291. Cross Reference for IATYINT (continued)

Name	Offset	Hex Tag
RSCFCT	DB8	C
RSCNOFCT	DB8	8
RSCNOWAT	DB8	0
RSCTFCT	DB8	14
RSCTTEST	DB8	10
RSCTWAIT	DB8	18
RSCWAIT	DB8	4
R0	1C	0
R1	1C	1
R10	1C	A
R11	1C	B
R12	1C	C
R13	1C	D
R14	1C	E
R15	1C	F
R2	1C	2
R3	1C	3
R4	1C	4
R5	1C	5
R6	1C	6
R7	1C	7
R8	1C	8
R9	1C	9
SCTAB	180	
SETNAMES	184	
SIZEBUF	97C	0
SMFDYFCT	225	1
SMFPOST	225	80
SMFRCUR	225	2
SMRFDB	B2C	0
SNAPDCBA	810	
SNARMVCB	DB8	8
SNLKDEC	2EC	4
SNLKERR	2EC	0
SNLKINC	2EC	0
SNLKINNC	2EC	8
SNLKNORM	2EC	0
SNSTCM	2F4	10
SNSTERR	2F4	0
SNSTFCB	2F4	8
SNSTNORM	2F4	0
SNSTOFF	2F4	4
SNSTON	2F4	0
SNSTONTQ	2F4	4
SNSTQ	2F4	40
SNSTQI	2F4	80

Table 291. Cross Reference for IATYINT (continued)

Name	Offset	Hex Tag
SNSTRQ	2F4	20
SNSTTEST	2F4	8
SNSTTNCH	2F4	C
SPINOFF	578	
SPINPOST	BDC	80
SPORQTOP	814	
SRJPACT	168	16B
SRJPACTM	168	80
SRJPBCB	168	40
SRJPCSFL	168	0
SRJPECF	168	168
SRJPFLG	168	16B
SRJPISEC	168	2
SRJPNDRA	300	
SRJPPOP	168	10
SRJPRCB	168	20
SRJPRJS	168	80
SRJPRSET	8DC	
SRJPRSRB	8CC	
SRJPRSVS	168	4
SRJPRTRM	A4	
SRJPSCTR	160	0
SRJPSNDA	8E4	
SRJPSNDC	314	
SRJPSNDD	318	
SRJPSNDE	8D8	
SRJPSNDF	8E0	
SRJPSNDG	308	
SRJPSNDM	30C	
SRJPSNDN	2F8	
SRJPSNDO	310	
SRJPSNDP	8D0	
SRJPSNDR	8C8	
SRJPSNDS	8D4	
SRJPSNDT	304	
SRJPSNDU	8C4	
SRJPSNDV	2FC	
SRJPSNFI	AE0	
SRJPSNFO	AE4	
SRJPSNFS	2F0	
SRJPSNJP	ADC	
SRJPSNLK	2EC	
SRJPSNLM	AF0	
SRJPSNPI	AE8	
SRJPSNPO	AEC	
SRJPSNSG	AD8	

Table 291. Cross Reference for IATYINT (continued)

Name	Offset	Hex Tag
SRJPSNST	2F4	
SRJPSQAN	164	0
SRJPSRT	134	
SRJPSTQ	160	
SRJPWKQ	168	8
STEPCHK	C61	D5
SUPUNITS	188	
SYSTAB	18C	
SYSUNIT	DB8	3
SYSUNITS	190	
TATFLAGS	BC6	0
TATGMSSP	BC6	20
TATMINQ	BC6	80
TATMRGQ	BC6	40
TATUPDWR	328	
TATUPDWX	344	
TCKFDB	B70	0
TDBGCLSS	C62	C1
TESTSRS	410	
TIDSNT	820	
TIHWST	824	
TIPARMS	828	
TODMSG	4D4	
TPROCCHN	82C	
TSOJNEWS	DB8	C
TVABNGET	2A4	
TVDSIECF	230	0
TVINITID	930	0
TVJCTREL	5E8	
TVONLFDB	B38	0
TVRSTFLG	9F	0
TVTABLE	0	0
TVTABMN	2A8	
TVTABMNE	878	
TVTABNOF	3D8	80
TVTADMSK	C78	FFFFFF
TVTADSLM	CF8	0
TVTALETA	CB0	
TVTANYJS	BCB	4
TVTANYRL	BCB	2
TVTASPC	BA5	20
TVTASPE	BA5	80
TVTASPW	BA5	40
TVTATCB	8C0	
TVTATDCI	994	0
TVTATE	BEE	80

Table 291. Cross Reference for IATYINT (continued)

Name	Offset	Hex Tag
TVTATFLG	BEE	0
TVTATRCA	7E8	
TVTAUTOR	BF5	20
TVTAUXT	8B4	
TVTAXWC	9F0	
TVTBALJ	19C	
TVTBALST	170	
TVTBCMD	DA4	80
TVTBCMDQ	DA4	40
TVTBCOMM	D2C	
TVTBDCDA	D28	
TVTBDUMY	D90	
TVTBECF	DA4	0
TVTBECFN	DA5	0
TVTBECFS	DA6	0
TVTBEND	DA5	4
TVTBFLG1	D8E	0
TVTBJCRQ	DA4	10
TVTBLANK	C9C	40404040
TVTBMSK	DA4	F0
TVTBNFG	D8E	80
TVTBNJET	DA5	80
TVTBNMSK	DA5	E4
TVTBONMR	DA5	40
TVTBOTH	BCB	1
TVTBREC	D98	
TVTBRECC	DA5	20
TVTBRSV1	DA4	20
TVTBSCT	D94	
TVTBSMSK	DA6	C0
TVTBSSA	DA6	80
TVTBSSIR	DA6	40
TVTBSZDT	9B4	0
TVTBTJDS	CA4	A
TVTBTJST	CA4	2
TVTBTR	790	
TVTCALNT	12C	
TVTCANB	BC0	80
TVTCANC	BC0	8
TVTCANL	BC0	2
TVTCANP	BC0	20
TVTCBCLS	BD2	80
TVTCBDTM	B0	
TVTCBJOB	BD2	40
TVTCDCLS	BD2	20
TVTCDECF	BFC	0

Table 291. Cross Reference for IATYINT (continued)

Name	Offset	Hex Tag
TVTCDJOB	BD2	10
TVTCDSI	230	40
TVTCECF	BE7	0
TVTCEYE	24	E3E5E340
TVTCFATF	BE1	10
TVTCFCNT	94C	0
TVTCFDAT	944	0
TVTCFINF	944	
TVTCFR01	BD2	1
TVTCFR02	BD2	2
TVTCFR04	BD2	4
TVTCFR08	BD2	8
TVTCFTIM	948	0
TVTCFTVT	48	
TVTCIATC	BE1	80
TVTCICNT	998	99A
TVTCID	0	C9C1E3E8
TVTCIECB	988	0
TVTCIECF	BE1	0
TVTCIFLG	BD2	0
TVTCIFSS	BD8	40
TVTCIJSS	BC5	1
TVTCIR01	BE1	1
TVTCIR02	BE1	2
TVTCIR04	BE1	4
TVTCIR08	BE1	8
TVTCISBW	988	80
TVTCISCH	5DC	
TVTCITCB	818	
TVTCKFCT	830	
TVTCKMSG	834	
TVTCLEN	4C	
TVTCLREG	CB0	CB0
TVTCL012	4B0	
TVTCNJEM	50	
TVTCNMLW	80	
TVTCNSAP	BFC	80
TVTCNTOR	634	
TVTCONSR	384	80
TVTCPBCH	1D8	
TVTCPBEN	1DC	
TVTCPUID	9B8	0
TVTCRD01	10E	
TVTCRD02	20E	
TVTCRD03	30E	
TVTCRD04	40E	

Table 291. Cross Reference for IATYINT (continued)

Name	Offset	Hex Tag
TVTCRS01	50E	
TVTCRS02	60E	
TVTCRS03	70E	
TVTCRS04	80E	
TVTCSBTR	358	
TVTCSBTU	354	
TVTCSCP	CAC	
TVTCSF	74	
TVTCTVT	68	
TVTCVERS	40	
TVTC313	80E	1
TVTDATFS	B8A	0
TVTDATQ	1A0	
TVTDATSZ	9BC	0
TVTDCNDB	89C	
TVTDDINB	CF5	40
TVTDELET	390	80
TVTDFCB	1A4	
TVTDHWS	BCC	4
TVTDISK	5F0	
TVTDJFLG	BF3	0
TVTDJOCT	BFD	0
TVTDJRST	BF3	80
TVTDLMSK	AD4	0
TVTDMCDE	71C	
TVTDMCPG	ABA	0
TVTDMCQ	1A0	1A0
TVTDMCSZ	AB8	0
TVTDMDK	23C	23C
TVTDMPB	BC0	40
TVTDMPC	BC0	4
TVTDMPL	BC0	1
TVTDMPLN	964	6000
TVTDMPP	BC0	10
TVTDMSAV	9C0	0
TVTDMTRC	9D0	0
TVTDOTLM	A2A	0
TVTDOTPR	A28	0
TVTDPJBN	BF4	20
TVTDPJEN	BC5	2
TVTDPLGN	BF4	4
TVTDRCR	BED	0
TVTDRCRC	BCE	80
TVTDRDN	BEC	2
TVTDRDR	BEC	40
TVTDRECF	BEC	0

Table 291. Cross Reference for IATYINT (continued)

Name	Offset	Hex Tag
TVTDRFLG	768	80
TVTDRTN	BEC	4
TVTDRTR	BEC	80
TVTDSFDB	710	0
TVTDSIBK	BD0	10
TVTDSIOK	BD0	2
TVTDSI01	BA4	1
TVTDSI02	BA4	2
TVTDSI04	BA4	4
TVTDSI08	BA4	8
TVTDSI10	BA4	10
TVTDSI20	BA4	20
TVTDSI40	BA4	40
TVTDSPIQ	2E0	
TVTDSPMO	2E4	
TVTDSP00	638	
TVTDSSCH	5E0	
TVTDYCLU	BE2	8
TVTDYNL	BCE	0
TVTDYSCR	B9A	0
TVTEASID	D18	40404040
TVTENCTL	B0	0
TVTEND	DB8	
TVTENFRW	B4	
TVTENST	BEF	20
TVTENWRK	B0	
TVTEPCST	374	
TVTEPE	6D4	
TVTEPS	374	
TVTEPST	234	
TVTERRQ	240	
TVTERRWK	244	
TVTESTE6	BB0	0
TVTESTFL	BAF	0
TVTESTSZ	BB4	2000
TVTEST00	BB4	0
TVTEUDTA	70C	
TVTEXREL	79C	
TVTF_EYE_CATCHER	24	E3E5E340
TVTFCTVT	40	
TVTFDCTA	6F8	
TVTFDMAX	BAA	0
TVTFDUSE	BA8	0
TVTFETCH	BCB	80
TVTFID	0	C9C1E3E8
TVTFLAG1	BEF	0

Table 291. Cross Reference for IATYINT (continued)

Name	Offset	Hex Tag
TVTFLAG2	BF5	0
TVTFLEN	44	
TVTFREND	D0	
TVTFSAID	BD6	
TVTFSASK	BC9	1
TVTFSCIU	BE1	20
TVTFSECB	C28	0
TVTFSEPL	618	24
TVTFSEPN	618	
TVTFSEPS	5F4	
TVTFSFCT	77C	
TVTFSFG1	BC9	4
TVTFSFG2	BCA	0
TVTFSFLG	BD8	0
TVTFSID	BD4	
TVTFSL	874	
TVTFSLG	1EC	
TVTFSLGA	838	80000000
TVTFSLOG	838	80
TVTFSMSE	D18	D1C
TVTFSMSG	D05	
TVTFSMSL	D04	
TVTFSMSS	D04	D05
TVTFSNDP	BC9	2
TVTFSRC	1F0	
TVTFSS	1A8	
TVTFSSAB	600	
TVTFSSAD	BD8	80
TVTFSSAM	608	
TVTFSSAR	614	
TVTFSSCK	5FC	
TVTFSSCL	604	
TVTFSSCM	BFC	40
TVTFSSFD	B60	0
TVTFSSFP	60C	
TVTFSSFS	5F8	
TVTFSSID	BD4	
TVTFSSIN	C1C	40404040
TVTFSSNM	D09	40404040
TVTFSSRS	610	
TVTFSSST	5F4	
TVTFSSTA	BFC	20
TVTFSUFD	BC9	10
TVTFSWA	83C	80000000
TVTFSWRK	83C	80
TVTFTVT	64	

Table 291. Cross Reference for IATYINT (continued)

Name	Offset	Hex Tag
TVTFVERS	38	
TVTF313	140	1
TVTF511	140	2
TVTGETE6	BAF	80
TVTGET00	BAF	40
TVTGLOBL	BD0	40
TVTGMSFL	724	0
TVTGMSP	724	80
TVTGMSUP	720	0
TVTGMS1	618	
TVTGRFLG	BF4	0
TVTGRJQE	BF4	80
TVTGROCO	7C	
TVTGRPSZ	960	0
TVTGRSM1	2C4	
TVTGSAGP	BF0	10
TVTGSATT	BF0	40
TVTGSDET	BF0	20
TVTGSPFD	BF0	80
TVTGSSAT	BF0	8
TVTGSSWM	BF0	4
TVTGSWK1	BF0	0
TVTHOBOF	6C	7FFFFFFF
TVTHOBON	C18	C18
TVTHRCNT	940	0
TVTHRDAT	938	0
TVTHRINF	938	
TVTHRTIM	93C	0
TVTHWMSK	C74	FFFF
TVTHWQE	738	
TVTHXCHR	C7C	F0F1F2F3
TVTICLK	BE4	0
TVTICTCH	81C	
TVTID	0	C9C1E3C7
TVTIDAAD	1AC	0
TVTIDDAT	930	930
TVTIDTIM	930	934
TVTIFCAD	1D4	0
TVTIHWS	BCC	8
TVTINDAT	28	0
TVTINPPS	227	40
TVTINPUT	61C	
TVTINSAV	930	
TVTINSPA	7D2	0
TVTINTIM	28	2C
TVTINTPM	C6A	F0F1

Table 291. Cross Reference for IATYINT (continued)

Name	Offset	Hex Tag
TVTINTPR	C6C	E2E3
TVTINTRD	BA6	14
TVTINTRP	BCB	4
TVTIOPRM	840	
TVTIQECA	844	
TVTIQECM	84B	
TVTIRA	734	
TVTISFLG	BA5	0
TVTISF01	BA5	1
TVTISF02	BA5	2
TVTISF04	BA5	4
TVTISF08	BA5	8
TVTISF10	BA5	10
TVTISJ	928	0
TVTITKPM	84C	
TVTJADAD	200	
TVTJBDTH	A7E	0
TVTJBEXP	A86	0
TVTJBLIM	A84	10
TVTJBMSG	BE2	40
TVTJBNSE	A7C	0
TVTJBOUT	BE2	20
TVTJBTS	26C	
TVTJBTXP	3E4	
TVTJBUSE	BE2	10
TVTJDDLM	CB8	0
TVTJDENO	C72	6
TVTJDEQ	850	
TVTJESMS	BD1	
TVTJETCR	2A0	
TVTJETLM	A1E	0
TVTJETPR	A1C	0
TVTJLFLG	CF5	0
TVTJMF	32C	
TVTJMJBT	BE7	40
TVTJMJDS	140	
TVTJMQA	8A0	
TVTJMSSI	BE7	80
TVTJMUPD	BE7	20
TVTJNBAT	BD1	20
TVTJNCBF	224	0
TVTJNCHN	7EC	
TVTJNECF	22E	0
TVTJNFND	2E8	
TVTJNMSK	22E	80
TVTJNRET	BF4	40

Table 291. Cross Reference for IATYINT (continued)

Name	Offset	Hex Tag
TVTJNSTC	BD1	40
TVTJNTHL	22E	40
TVTJNTSO	BD1	80
TVTJNWID	22F	0
TVTJOBLM	D00	0
TVTJQEDQ	668	
TVTJQENQ	664	
TVTJQX	1B0	
TVTJSFLG	BE2	0
TVTJSSDA	8A4	
TVTJTGBL	BF4	10
TVTJTOFF	BF4	8
TVTJ3PST	2B0	
TVTLDAAD	198	
TVTLIMF	BC0	0
TVTLLPRT	13C	
TVTLNGTH	24	DB8
TVTLOCAL	BD0	20
TVTLOECF	BE3	0
TVTLPJ3	2BC	
TVTLSTST	890	0
TVTLTRC	858	
TVTMAINJ	9F4	0
TVTMAPRJ	85C	
TVTMAXB	978	5DC
TVTMAXC	96C	2
TVTMAXL	970	1
TVTMAXP	974	1F4
TVTMBJ	92C	0
TVTMDFLG	BCB	BCB
TVTMDSRD	194	
TVTMEMBR	A78	4040
TVTMEMD	1B8	
TVTMINTR	962	0
TVTMLRL	AD0	0
TVTMNSMS	A18	0
TVTMOECA	860	
TVTMOECM	867	
TVTMPLAV	BC5	4
TVTMRGTR	963	0
TVTMSABN	BE1	40
TVTMSDM	8A8	0
TVTMSMI	2D0	
TVTMSPAT	868	
TVTMSU	86C	
TVTMTON	BEE	40

Table 291. Cross Reference for IATYINT (continued)

Name	Offset	Hex Tag
TVTMUBLN	ACC	0
TVTMXDCI	98C	1
TVTMXINT	708	270F
TVTNJEF1	CF4	0
TVTNJEOK	CF4	80
TVTNONE	BCC	1
TVTNOPRE	CF4	40
TVTNOTFY	66C	
TVTNTRCA	7E4	
TVTNTSV	16C	
TVTNTTCK	870	
TVTNUCT	8B0	
TVTOLDGL	BD0	4
TVTONE	C98	1
TVTONEH	C98	C9A
TVTONMSK	980	0
TVTOSDIE	2D4	
TVTOSFP	2DC	
TVTOSRTQ	210	
TVTOSTLM	A22	0
TVTOSTPR	A20	0
TVTOUTPT	620	
TVTPATH	BDF	0
TVTPBITL	264	
TVTPDAAD	204	
TVTPJCL	8AC	0
TVTPJCLP	8AC	80
TVTPPAGS	A80	0
TVTPRCDS	BFC	4
TVTPRCEN	BFC	8
TVTPREFR	BCB	40
TVTPRSUB	BD0	80
TVTPSDMX	99C	0
TVTPSDUS	9A0	0
TVTPSSCH	5E4	
TVTPTATS	268	
TVTPTCAD	794	
TVTPTCKP	3EC	
TVTPTECF	BDF	10
TVTQBIT	CF5	80
TVTRAGNO	C63	
TVTRDFR1	9E	0
TVTRDFR2	AC	0
TVTRDQEF	10C	10C
TVTRDQPT	10C	80
TVTRDQTP	10C	

Table 291. Cross Reference for IATYINT (continued)

Name	Offset	Hex Tag
TVTRDYFC	72C	
TVTRD00H	5EC	0
TVTRD005	70	0
TVTRD040	1FB	0
TVTRD080	33C	
TVTRD082	3A8	
TVTRD084	3D0	
TVTRD086	3DC	
TVTRD090	3F0	
TVTRD095	40C	
TVTRD100	414	
TVTRD110	45C	
TVTRD112	488	
TVTRD117	508	
TVTRD118	4BC	
TVTRD120	53C	
TVTRD130	570	
TVTRD150	67C	
TVTRD151	6DC	
TVTRD152	6E4	
TVTRD155	6EC	
TVTRD190	772	0
TVTRD200	775	0
TVTRD210	7F0	
TVTRD215	854	
TVTRD220	8AD	0
TVTRD230	904	0
TVTRD260	A2C	0
TVTRD270	AA0	0
TVTRD280	ABC	0
TVTRD290	B6C	0
TVTRD300	B86	0
TVTRD305	B8C	0
TVTRD310	BAC	0
TVTRD315	BC8	0
TVTRD330	BDD	0
TVTRD345	BE5	0
TVTRD350	BE8	0
TVTRD360	C5A	0
TVTRD403	CD8	0
TVTRD405	CF0	0
TVTRD410	CF2	0
TVTRD420	D30	0
TVTRD425	D8C	0
TVTRD430	D8F	0
TVTRD460	DA5	10

Table 291. Cross Reference for IATYINT (continued)

Name	Offset	Hex Tag
TVTRD465	DA5	8
TVTRD480	DA6	3F
TVTREFRS	9F	2
TVTREQUI	BCB	20
TVTRETNT	130	
TVTRFN01	CF4	1
TVTRFN02	CF4	2
TVTRFN04	CF4	4
TVTRFN08	CF4	8
TVTRFN10	CF4	10
TVTRFN20	CF4	20
TVTRF201	BF5	1
TVTRF202	BF5	2
TVTRF204	BF5	4
TVTRF208	BF5	8
TVTRF210	BF5	10
TVTRJPAC	55C	80
TVTRJPCP	CB4	
TVTRJPDI	284	
TVTRMFF	CA4	FFFFFFFF
TVTRM7F	CA4	CA8
TVTRM80	C18	80000000
TVTRQCAD	118	
TVTRSF10	BCC	10
TVTRSV01	6FC	
TVTRS00F	B8	0
TVTRS010	144	
TVTRS040	1E0	0
TVTRS060	232	0
TVTRS090	3AC	
TVTRS120	544	
TVTRS130	574	
TVTRS140	57C	
TVTRS150	688	
TVTRS210	7D0	0
TVTRS219	7FC	
TVTRS220	884	
TVTRS221	898	
TVTRS230	8E8	
TVTRS260	A44	0
TVTRS270	AA8	0
TVTRS280	AF4	
TVTRS310	B9C	0
TVTRS360	BF6	0
TVTRS370	BFE	0
TVTRS375	C58	0

Table 291. Cross Reference for IATYINT (continued)

Name	Offset	Hex Tag
TVTRS380	C73	0
TVTRS420	D34	0
TVTRS480	DA7	0
TVTRTAB	1BC	
TVTRTAT	7B4	0
TVTRU050	214	
TVTRU080	35C	
TVTRU120	54C	
TVTRU130	560	
TVTRU150	6AC	
TVTRU160	725	0
TVTRU210	7D8	0
TVTRU230	8EC	
TVTRU260	A88	0
TVTRU270	AB0	0
TVTRU310	BB8	0
TVTRU320	BD3	0
TVTRU350	BE9	0
TVTRU370	BFF	0
TVTRU390	CBC	0
TVTRU410	CF6	0
TVTRU430	D64	
TVTSAFCL	238	
TVTSAPWQ	880	
TVTSBCNT	998	3
TVTSBPSY	BB4	E6
TVTSBPUS	BB4	2
TVTSCANI	A9C	708
TVTSCPSC	BFC	10
TVTSDA	11C	
TVTSDEAD	208	
TVTSDION	BA4	80
TVTSDMSG	BAF	20
TVTSDSI	230	80
TVTSEELM	A26	0
TVTSEEPR	A24	0
TVTSETUP	BCC	0
TVTSIOSV	9F8	0
TVTSJFWK	776	0
TVTSLOTL	280	
TVTSMFCH	1C0	
TVTSMFFL	225	0
TVTSMFFO	C64	0
TVTSMFOP	C65	0
TVTSMS	BF5	80
TVTSMSCX	BF5	40

Table 291. Cross Reference for IATYINT (continued)

Name	Offset	Hex Tag
TVTSMSET	BCB	10
TVTSNAPN	BAF	10
TVTSNECB	984	0
TVTSNFDB	D1C	0
TVTSNNUM	B80	0
TVTSNPNA	4D8	
TVTSOCK	138	
TVTSOSRQ	20C	
TVTSP	7B2	0
TVTSPADD	7B0	8
TVTSPAGS	A82	0
TVTSPCHG	7B0	2
TVTSPCK	3E8	
TVTSPDEF	7A4	
TVTSPDEL	7B0	40
TVTSPFLC	BA4	80
TVTSPFLG	7B0	0
TVTSPFL2	7B1	0
TVTSPID	7A8	0
TVTSPINT	7A0	
TVTSPLST	788	
TVTSPMSG	BE2	80
TVTSPPCH	1C4	
TVTSPPCK	7B0	80
TVTSPPFL	226	0
TVTSPREL	798	
TVTSPREP	9F	1
TVTSPRPL	7B0	10
TVTSPSTT	7B0	4
TVTSPTAP	7B0	1
TVTSPUNV	7B0	20
TVTSQE	1B4	
TVTSSAUX	BF1	40
TVTSSDSP	BF1	81
TVTSSDST	BF1	1
TVTSSNM	C24	40404040
TVTSSNUC	BF1	80
TVTSSVT	94	
TVTSTAD	2AC	
TVTSTCPM	C68	F0F1
TVTSTCPR	C70	E2E3
TVTSTECB	8B8	0
TVTSTFG0	BCF	80
TVTSTFG1	BCF	40
TVTSTFG2	BCF	20
TVTSTFG3	BCF	10

Table 291. Cross Reference for IATYINT (continued)

Name	Offset	Hex Tag
TVTSTFG4	BCF	8
TVTSTFG5	BCF	4
TVTSTFG6	BCF	2
TVTSTFG7	BCF	1
TVTSTFLG	BCF	0
TVTSTLOC	BF2	0
TVTSTMD	2C0	
TVTSTTAL	24C	
TVTSTTBD	254	
TVTSTTBL	248	
TVTSTTCB	8BC	
TVTSTTPG	250	
TVTSTTRC	7B1	40
TVTSTTRP	7B1	80
TVTSTTSR	258	
TVTSTUSR	BF1	0
TVTSUPNO	70A	0
TVTSUSPE	1F9	80
TVTSUSPM	1FA	40
TVTSVCNT	14C	
TVTSVHDR	148	
TVTSVLST	148	
TVTSYCNT	CFC	0
TVTSYSID	D9C	40404040
TVTTAECF	1F8	0
TVTTAWK	1F4	
TVTTELEN	15C	0
TVTTELS	158	
TVTTELTP	158	0
TVTTGBAD	78C	
TVTTGBUP	260	
TVTTHWS	BCC	2
TVTTJDSA	CA4	2
TVTTOKEN	D4	
TVTTRC2	8F8	
TVTTRC3	8FC	0
TVTTSOPM	C66	F0F1
TVTTSOPR	C6E	E2E3
TVTTSOPS	BEF	40
TVTTVTC	44	
TVTTVTF	3C	
TVTUAGET	BEF	80
TVTUCDCI	990	0
TVTUTIC	A10	0
TVTUXL	1C8	
TVTVALID	A40	0

Table 291. Cross Reference for IATYINT (continued)

Name	Offset	Hex Tag
TVTVIOPM	2B8	
TVTVIRT	BD0	8
TVTVPTH	2B4	
TVTVRECF	BE3	BE3
TVTVS2F1	BD0	0
TVTWAITS	A14	0
TVTWDITV	A7B	
TVTWDLIM	A7A	
TVTWORKD	150	0
TVTWORKS	150	154
TVTWROSE	234	
TVTWTDEC	227	0
TVTWTDPS	227	80
TVTWTD01	227	1
TVTWTD02	227	2
TVTWTD04	227	4
TVTWTD08	227	8
TVTWTD10	227	10
TVTWTD20	227	20
TVTWTFCT	780	
TVTX_CLSDLYUP	130	
TVTX_CLSHADIN	124	
TVTX_CLSHADRE	128	
TVTX_CLSHADUP	12C	
TVTX_CLSMODUP	134	
TVTX_LCLCMSLK	13C	
TVTX_MPSETTRE	1C4	
TVTX_MPUNITS	144	
TVTXAHED	C8	
TVTXATDE	2C8	
TVTXATR	140	
TVTXBPL	50	
TVTXCKPT	28C	
TVTXCNDB	60	
TVTXCS03	D8	
TVTXCS06	DC	
TVTXCS07	E0	
TVTXCS08	E4	
TVTXCS09	E8	
TVTXCS10	EC	
TVTXCS11	F0	
TVTXCS12	F4	
TVTXDELY	10C	
TVTXDPL	5C	
TVTXECTL	290	0
TVTXEFRW	294	

Table 291. Cross Reference for IATYINT (continued)

Name	Offset	Hex Tag
TVTXENF	288	
TVTXEWRK	290	
TVTXE7SW	298	
TVTXGCL	54	
TVTXGCTB	244	
TVTXGENF	110	
TVTXGGSM	264	
TVTXGITB	248	
TVTXGNTB	24C	
TVTXGPDS	114	
TVTXGSG	BC	
TVTXGSRQ	258	
TVTXGSTB	250	
TVTXGWCK	25C	
TVTXGWLN	260	
TVTXGXTB	254	
TVTXITRC	C4	
TVTXJCT	624	
TVTXJDTB	268	
TVTXJFCT	2A4	0
TVTXJFRW	2A0	
TVTXJLOK	2CC	
TVTXJNF	29C	
TVTXJQE	628	
TVTXJSPC	120	
TVTXJXGT	C0	
TVTXM702	A8	
TVTXM703	AC	
TVTXPLXI	26C	
TVTXRCL	58	
TVTXRJPC	F8	
TVTXSCSV	108	
TVTXSQE	62C	
TVTXSSCR	138	
TVTXSSEV	B4	
TVTXSST	B0	
TVTXSSTB	B8	
TVTXSTTM	284	
TVTXTOD	630	
TVTXTODF	630	80
TVTXTRCD	350	
TVTXWCLF	100	
TVTXWDSL	11C	
TVTXWLM	FC	
TVTXWSEL	118	
TVTXWSRV	104	

Table 291. Cross Reference for IATYINT (continued)

Name	Offset	Hex Tag
TVTX83C	270	
TVTX83D	274	
TVTX83N	278	
TVTX83P	27C	
TVTX83R	280	
TVTYOSD	1CC	
TVTYSYSL	950	0
TVTZERO	C8C	C8C
TVTZEROX	C8C	0
TVT3100D	1FC	0
TVT8500D	6F4	0
UAVLFLG	BD9	0
VATAFCT	63C	
VGETFCT	640	
VGETRSQ	644	
WARMSTRT	9F	40
WRTCHAIN	648	
WTD	DB8	5
WTDQUE	1D0	
XCFDEFGP	9AC	40404040
XCFGRPNM	9A4	40404040
ZEROCORE	64C	

IATYIOP information

IATYIOP programming interface information

The following fields are **NOT** programming interface information:

- EXTFRRAD
- EXTISRAD
- EXTSAVE
- EXTSPB
- IOPFREEI
- IOPISRCN

IATYIOP heading information

Common name:	JES3 SPOOL I/O PARAMETER BLOCK
Macro ID:	IATYIOP
DSECT name:	IOPSTART, ESTSTART, RPSSTART
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	IOP Offset: 0 Length: 4
Storage attributes:	Main Storage: SUBPOOL 245
Size:	1st Section: 339 bytes, 2nd Section: 177 bytes, 3rd Section: 7 bytes

Created by: IATINSD

Pointed to by: TVTIOPRM IN IATYTVT
SVTIOPRM IN IATYSVT

Serialization: CS

Function: Contains pointers to I/O control block pools (ISRS and SRBS), a skeleton ISR, a device table entry for each type of spool device defined to the system, and an extent table entry for each spool extent defined to the system.
NOTE: In Assembly source of any module invoking this macro, the macro IATYISR must be invoked prior to this one.

IATYIOP mapping

Table 292. Structure SRBSECT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SRBSECT	
0	(0)	ADDRESS	4	SRB(0)	
0	(0)	CHARACTER	4	SRBID	EBCDIC ACRONYM FOR SRB OR SSRB.
4	(4)	ADDRESS	4	SRBFLNK	FORWARD CHAIN FIELD
8	(8)	ADDRESS	4	SRBASCB(0)	PTR TO ASCB OF ADDRESS SPACE SRB IS TO BE DISPATCHED TO
8	(8)	BITSTRING	1		RESERVED. DO NOT USE.
9	(9)	ADDRESS	3	SRBASC24	24-bit ASCB address
12	(C)	CHARACTER	8	SRBFLC(0)	SRB AREA MOVED TO LOW CORE
12	(C)	BITSTRING	2	SRBCPAFF	CPU AFFINITY MASK
14	(E)	SIGNED	2	SRBPASID	PURGEDQ ASID IDENTIFIER
16	(10)	ADDRESS	4	SRBPTCB	PURGEDQ TCB IDENTIFIER
20	(14)	ADDRESS	4	SRBEP(0)	ENTRY POINT OF ROUTINE
20	(14)	ADDRESS	4	SRBEPA	ADDRESS OF ENTRY POINT (31-BIT USERS)
		1...		SRBMODE	"X'80'" ADDRESSING MODE INDICATOR
24	(18)	ADDRESS	4	SRBRMTR(0)	ADDRESS OF RESOURCE MANAGER ROUTINE
24	(18)	ADDRESS	4	SRBRMTRA(0)	ADDRESS OF RESOURCE MANAGER ROUTINE (31-BIT USERS)
24	(18)	BITSTRING	1	SRBRMTR0	Byte 0 of SRBRMTR
		1...		SRBRMODE	"X'80'" ADDRESSING MODE INDICATOR
25	(19)	BITSTRING	1	(2)	
27	(1B)	BITSTRING	1	SRBRMTR3	Byte 3 of SRBRMTR
		1		SRBRMTLL	"X'01'" When on, the local lock will be held when control is given to the RMTR. The RMTR is allowed to release the local lock before returning, but is not required to do so.
28	(1C)	ADDRESS	4	SRBPARM	USER PARAMETER
32	(20)	ADDRESS	4	SRBWEB(0)	Address of this SRB's WEB. SERIALIZATION: None OWNERSHIP: Supervisor Control
32	(20)	ADDRESS	4	SRBSAVE	Reserved. Must be Zero. SERIALIZATION: None OWNERSHIP: Supervisor Control
36	(24)	BITSTRING	1	SRBPKF	PROTECT KEY INDICATION
37	(25)	BITSTRING	1	SRBPRIOR(0)	PRIORITY LEVEL INDIC
37	(25)	BITSTRING	1	SRBFLGS	SRB OPTION FLAGS
		1...		SRBLLREQ	"X'80'" LOCAL LOCK REQUIRED

Table 292. Structure SRBSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.1..		SRBLLHLD	"X'40'" LOCAL LOCK HELD
		..1.		SRBFRREQ	"X'20'" FRR REQUESTED
		...1		SRBFRRCL	"X'10'" THIS BIT IS OBSOLETE SINCE FRR PARM AREA ALWAYS CLEARED BY DISPATCHER. RETAINED FOR COMPATIBILITY.
		.... 1...		SRBSUSP	"X'08'" SUSPENDED SRB ONLY ON FOR SSRB
		.... .1..		SRBPNONQ	"X'04'" NON QUIESCABLE SRB
		....		SRBPSYS	"X'00'" SYSTEM PRIORITY LEVEL
38	(26)	BITSTRING	1	SRBHLHI	INDICATION OF SUSPEND LOCKS HELD AT SRB SUSPENSION
39	(27)	BITSTRING	1	SRBFLGS1	SRB TYPE FLAGS.
		1...		SRBMAIN	"X'80'" SRB/SSRB MUST BE FREEMAINED.
		.1..		SRBSP245	"X'40'" SRB/SSRB FROM SUBPOOL 245.
		..1.		SRBBLK24	"X'20'" SRB BELOW THE LINE
		...1		SRBXESF	"X'10'" Mode=primary FRR - only meaningful if SRBFRREQ is set.
		.... 1...		SRB1STS	"X'08'" This SSRB represents the initial schedule of a workunit and has never been dispatched.
		.... .1..		SRBPMCS	"X'04'" This SRB is in process-must complete mode
		.... ..1.		SRBMSCHD	"X'02'" This SRB was schduled via the IEAMSCHD macro
		1		SRBTOKNP	"X'01'" This SSRB belongs to the pool created for SUSPEND with SPTOKEN.
40	(28)	ADDRESS	4	SRBFRRA(0)	FRR ROUTINE ADDRESS
40	(28)	CHARACTER	3		High three bytes of addr
43	(2B)	CHARACTER	1	SRBFRRA3	Low order byte of address
		1		SRBSD31	"X'01'" Set this flag to indicate that the FRR can tolerate an SDWA in 31-bit storage. This is equivalent to the SETFRR SDWALOC31=YES parameter
44	(2C)	SIGNED	4	SRBEND(0)	END OF SRB
44	(2C)	X'2C'	0	SRBSIZE	"SRBEND-SRBSECT" SIZE OF SRB

Table 293. Structure ISRPRFIX

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	ISRPRFIX	ISR Pool Prefix
0	(0)	CHARACTER	8	ISRPID	Prefix id
8	(8)	ADDRESS	4	ISRPCHN	Pool chain
12	(C)	SIGNED	4	ISRPLEN	Pool size
16	(10)	ADDRESS	4	ISRPLOAD	Lowest ISR address
20	(14)	ADDRESS	4	ISRPHIAD	Highest ISR address
24	(18)	SIGNED	4	ISRPRSVD(2)	Round up to x'20' size
24	(18)	X'20'	0	ISRPSIZE	"*-ISRPID" ISR Prefix size

Table 294. Structure IOSB

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IOSB	
0	(0)	SIGNED	4	(0)	
0	(0)	CHARACTER	108	IOSBSTD(0)	Length of the IOSB without the extension
----------IOSFLA bit definitions----------					
0	(0)	BITSTRING	1	IOSFLA	Flag byte A
EQU X'00' ..No CCW chaining					
		1...		IOSDCHN	"X'80'" ..Data chaining
		.1..		IOSCCHN	"X'40'" ..Command chaining
		11..		IOSACHN	"X'C0'" ..Command and data chaining
		..1.		IOSERR	"X'20'" ..Error Recovery Routine (ERP) in control. Bit must be set to 0 by the driver. If the ERP returns with this bit set to 1, a retry is requested. If the ERP returns with this bit set to 0, the error is either corrected or to be considered permanent depending on the setting of the IOSEX bit.
		...1		IOSSMDA	"X'10'" ..ERP status modifier bit A. Must be set to zero by driver. TAPE- Reposition device. U/R- Immediate operation, CCW OP code in IOSMDB.
		.... 1...		IOSSMDB	"X'08'" ..ERP status modifier bit B. Must be set to zero by driver. Set by PCI fetch in appendage for posting: TAPE- CRC needed. DASD- PCI fetch stop flag.
		.... .1..		IOSEX	"X'04'" ..Exceptional condition. Upon return from normal or abnormal exit with this bit on, ERP processing is initiated if initial error condition. If bit is set to 0, it is assumed that the exit corrected the condition or did not consider it an error. When the error routine returns with this bit set to a 1 and the IOSERR set to a 0, the error is considered permanent. When the ERP returns with both bits set to 0, the error has been corrected.
		.... ..1.		IOSDOM	"X'02'" ..DOM macro required
		1		IOSIOSB	"X'01'" ..IOSB created by IOS. Must be set to zero by driver.
IOSFLB bit definitions - For Start Subchannel requests. See redefinition area for modify subchannel requests.					
1	(1)	BITSTRING	1	IOSFLB	Flag byte B----------
		1...		IOSDIESE	"X'80'" ..Second entry to DIE
		.1..		IOSSDR	"X'40'" ..ERP doesnt want OBR
		..1.		IOSNOTRS	"X'20'" ..Driver does not require an address space switch on entry to DIE.
		...1		IOSRESRC	"X'10'" ..IOS resources are held. Must be initialized to zero by driver. With bit set, the DIE cannot return on codes 12 and 16.

Table 294. Structure IOSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		IOSIONRD	"X'08'" ..Set by a driver to request that the I/O request be issued to a not-ready device.
		.... .1..		IOSMSG	"X'04'" ..Message indicator to WTO service 0 = Intervention required msg 1 = I/O error message
		.... ..1.		IOSBDCST	"X'02'" ..Broadcast bit
		1		IOSLOG	"X'01'" ..Create an OBR record.
2	(2)	BITSTRING	1	IOSFLC	Flag byte C ----------
		1...		IOSGDPLP	"X'80'" ..With IOSGDP bit set, limit IOSGPMSK field to logically available paths (UCBLPM field).
		.1..		IOSEIDAW	"X'40'" ..Extended 4K 8-byte IDAWs
		.1..		IOSVERIF	"X'40'" ..Unsolicited device end verification needed for non-DASD devices
		..1.		IOSCC3WE	"X'20'" ..Set by a driver to request deferred condition code 3 posting (post code of X'6D')
		...1		IOSEXP	"X'10'" ..Specific exposure requested. The IOSUCB field contains the specific exposure UCB address and IOSXBASE must contain the UCB prefix of the base exposure.
		.... 1...		IOSNORWS	"X'08'" ..No Read/Write Synchronization: Set on by I/O driver to indicate that the channel should not synchronize on read/write transitions when prefetching (IOSP) is also set. The driver insures that the read and writes are from different I/O buffers
		.... .1..		IOS2CSWS	"X'04'" ..Two Channel Status Words: Set on by the I/O driver to indicate that when CCW prefetching is requested (IOSP), if an error occurs where the control unit executes ahead of the channel, two ending CCW addresses should be presented to the driver. The second ending CCW address is contained in the IEDB. If this bit is off, an invalid ending CCW address is simulated by IOS
		.... ..1.		IOSNORTY	"X'02'" ..No retry allowed.
		.... ..1.		IOSCTCNR	"X'02'" ..CTC - No retry allowed
		1		IOSGDP	"X'01'" ..A guaranteed device path has been requested. IOSGPMSK contains the path(s) involved.
IOSPROC - This byte indicates what type of special processing that is to be performed for IOS generated IOSBs. This processing normally runs asynchronous to IOS mainline processing. This field must be set to zero by drivers.					
3	(3)	BITSTRING	1	IOSPROC	IOS special processing procedures
EQU X'00' ..Reserved					
		.... .1..		IOSAPCI	"X'04'" ..Intermediate status
		.... 1...		IOSATTN	"X'08'" ..Attention
		.... 11..		IOSAPURG	"X'0C'" ..Purge

Table 294. Structure IOSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		EQU X'10' ..Reserved			
		...1 .1..		IOSAWTO	"X'14'" ..WTO
		...1 1...		IOSADDR	"X'18'" ..DDR
		...1 11..		IOSADIER	"X'1C'" ..DIE Redrive- different UCB
		..1.		IOSAUR	"X'20'" ..Unconditional Reserve
		1111 1...		IOSAINTER	"X'F8'" ..Interrogate
		1111 1..1		IOSAST1	"X'F9'" ..IOS subchannel type 1 request
		1111 1.1.		IOSASNRQ	"X'FA'" ..IOS sense request
		1111 11..		IOSACLR	"X'FC'" ..CLEAR Subchannel request
		1111 11.1		IOSAHALT	"X'FD'" ..HALT Subchannel request
		1111 111.		IOSAMOD	"X'FE'" ..MODIFY Subchannel request
		1111 1111		IOSASTOR	"X'FF'" ..STORE Subchannel request
		IOSDVRID - This byte indentifies the I/O driver requesting the I/O request. Driver identification values are assigned by IOS.			
4	(4)	BITSTRING	1	IOSDVRID	Driver identification value
		....		IOSIOSID	"X'00'" ..Reserved for IOS
		1		IOSMISID	"X'01'" ..Miscellaneous ID for I/O requests for 24 bit IOS blocks that cannot be purged, associated with a task, or violate extents
		.... ..1.		IOSXCPID	"X'02'" ..EXCP Processor
		11		IOSVSAID	"X'03'" ..VSAM
		.... .1..		IOSATMID	"X'04'" ..VTAM
		.... .1.1		IOSTCMID	"X'05'" ..TCAM
		.... .11.		IOSOLTID	"X'06'" ..OLTEP
		.... .111		IOSFCHID	"X'07'" ..PCI FETCH
		.... 1...		IOSJESID	"X'08'" ..JES3
		.... 1..1		IOSSS1ID	"X'09'" ..MSC
		.... 1.1.		IOSPRGID	"X'0A'" ..IECVIOPM PURGE
		.... 1.11		IOSVPSID	"X'0B'" ..VPSS
		EQU X'0C' ..CRYPTO			
		.... 111.		IOSASMID	"X'0E'" ..ASM
		 1111		IOSMDSID	"X'0F'" ..Message Display Service
		...1		IOSAUSID	"X'10'" ..Assign/Unassign Service
		...1 ...1		IOSDYPID	"X'11'" ..Dynamic Pathing
		...1 ..1.		IOSDAVV	"X'12'" ..DAVV
		...1 ..11		IOSDCSID	"X'13'" ..Device control service
		...1 .1..		IOSAOMID	"X'14'" ..Asychronous Operation Manager
		...1 .1.1		IOSSMSID	"X'15'" ..DFSMS
		...1 .11.		IOSXCFID	"X'16'" ..XCF CTC I/O Driver
		...1 .111		IOSCDRID	"X'17'" ..IOS use driver ID
		...1 1...		IOSSLFID	"X'18'" ..IOSVSLFD driver ID

Table 294. Structure IOSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		...1 1..1		IOSPAVID	"X'19'" ..IOSVIOPA driver ID
		...1 11.1		IOSMI2ID	"X'1D'" ..Miscellaneous ID for I/O requests for 31 bit IOS blocks that cannot be purged, associated with a task, or violate extents
		...1 111.		IOSINTID	"X'1E'" ..Generic IOS I/O driver ID
		...1 1111		IOSDACID	"X'1F'" ..Discovery and AutoConfiguration
		1...		IOSV33ID	"X'80'" ..SVC33
		1... ...1		IOSCLRID	"X'81'" ..Clear Device Recovery
		1... ..1.		IOSSCRID	"X'82'" ..Subchannel Recovery
		1... ..11		IOSV16ID	"X'83'" ..SVC16 PURGE
		1... .1..		IOSAPRID	"X'84'" ..Unconditional Reserve
		1... .1.1		IOSMIHID	"X'85'" ..Missing Interrupt Handler
		1... .11.		IOSPRVID	"X'86'" ..I/O Prevention Handler
		1... .111		IOSRSVID	"X'87'" ..Re-reserve service
		1... 1...		IOSGRSID	"X'88'" ..GRS service
5	(5)	BITSTRING	1	IOSFLD	Flag byte D
		1...		IOSNOINT	"X'80'" ..Set by a driver to request that the I/O request be issued to a device with an intercept condition. The intercept condition is to be saved for the next I/O request.
		.1..		IOSMNORQ	"X'40'" ..IOS is not to requeue this IOSB if Start Pending condition is detected (MIH, etc).
		..1.		IOSEPCIF	"X'20'" ..Early PCI exit call Flag. Set by the I/O driver to get called from the SLIH, instead of from post status for good intermediate status.
		...1		IOSCCWDS	"X'10'" ..Channel program resides in a data space. Set by the I/O driver
		.... 1...		IOSEPCIS	"X'08'" ..Early PCI exit Space switch flag. Set by the I/O driver to indicate that IOSVSLIH should CMSET to the driver's address space prior to invoking the PCI exit.
		.... .1..		IOSLIOPF	"X'04'" ..Long I/O Post flag set by the I/O driver to indicate that the driver should be posted back if the I/O request will take a long time to complete due to an MIH condition, manual intervention, etc..
		.... ..1.		IOSNOLL	"X'02'" Set by the driver to indicate that post status must not get the local lock in order to use the local lock save area, as deadlock could occur. IOSPSLL must also be set on by the driver.
		1		IOSBEXTF	"X'01'" ..IOSB extension valid
6	(6)	SIGNED	2	IOSASID	Address space identification of address space to be scheduled at termination of I/O request.

Table 294. Structure IOSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
8	(8)	ADDRESS	4	IOSPGAD	I/O driver termination address. High order bit defines the addressing mode. For attention processing, the attention address.
12	(C)	BITSTRING	1	IOSPKEY	Protect key of IOSPGAD
		EQU X'F0' Protect key field			
		.... 1...		IOSLCL	"X'08'" ASID schedule at local level
		.... .1..		IOSIDR	"X'04'" Asynchronous ERP scheduling should be used for this I/O request (Indirect recording for paging I/O requests).
		.... ..1.		IOSPGDPX	"X'02'" This request has a backed up copy (duplexed page).
		1		IOSCHCMP	"X'01'" Driver has a complete channel program, IOS must not build a standard prefix.
13	(D)	BITSTRING	1	IOSCOD	I/O completion code field
		Completion codes 41 - 5F are reserved for permanent error conditions. These codes will always be the last entry codes to the abnormal end exits. Completion codes 60 - 73 are reserved for IOS definition use. These codes indicate conditions that IOS has detected in processing the I/O request. Completion codes 74 - 7E denote abnormal conditions for which correction may be possible. These codes denote first entry to abnormal end exits. Completion codes 7F denotes normal I/O completion. It does not indicate that the I/O request completed successfully. Completion code 49 applies only to Store and Modify Subchannel requests.			
		.1.. ...1		IOSERRC	"X'41'" Permanent I/O error
		.1.. ..1.		IOSEXTC	"X'42'" DASD extent error
		.1.. ..11		IOSDPXC	"X'43'" Duplexed I/O request was not started because of the UCB level or a not ready device.
		.1.. .1..		IOSINTC	"X'44'" Request was intercepted because an error occurred after the last time the device was used and the requestors error recovery procedures wants this intercept condition treated as a permanent error.
		.1.. .1.1		IOSABNC	"X'45'" I/O request abnormally terminated because of program check, machine check, etc in IOS or an exit.
		.1.. .11.		IOSCD46	"X'46'" Reserved
		.1.. .111		IOSEXTRM	"X'47'" I/O request not started - driver Start Subchannel exit (See IOSXSSXA field) requested termination prior to the SSCH being issued.
		.1.. 1...		IOSPRGC	"X'48'" I/O request purged.
		.1.. 1..1		IOSCNCLD	"X'49'" Store or Modify Subchannel request has been cancelled.
		.1.. 1.1.		IOSPVTIO	"X'4A'" I/O Prevention - either the I/O request has not been started or the I/O request has been terminated.

Table 294. Structure IOSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.1.. 1.11		IOSTAPEC	"X'4B'" Error in tape repositioning
		.1.. 11..		IOSIVEXP	"X'4C'" Invalid exposure number
		.1.. 11.1		IOSGDPCC	"X'4D'" CC=3 - GDP or NIP in control, or with IOSGDPLP set, no logically available paths (UCBLPM).
		.1.. 111.		IOSGDPRD	"X'4E'" GDP - Reserved device or in conjunction with IOSRELSE, device cannot be released.
		.1.1		IOSCD50	"X'50'" Reserved
		.1.1 ...1		IOSMIHCA	"X'51'" The I/O request has been declared in permanent error.
		.1.1 ..1.		IOSMIHSP	"X'52'" The I/O request was found pending in the subchannel by IOS, and the driver requested that the IOSB not be requeued(MIH,etc)
		.1.1 ..11		IOSIOTCR	"X'53'" IOS cancelled the I/O request due to an I/O timeout condition
		.1.1 .1..		IOSCAPAS	"X'54'" The I/O request could not be started. The current address space did not match IOSASID and a Captured UCB address was used in IOSUCB.
		.11. 11.1		IOSGDPWE	"X'6D'" CC=3 on all paths with IOSCC3WE bit set- return request to requestor.
		.111 ...1		IOSFTCHC	"X'71'" For Fetch driver- hardware corrected data check.
		.111 .1..		IOSMIHC	"X'74'" Simulated error status.
		.111 11.1		IOSXERPL	"X'7D'" I/O exit requested the ERP to log this request
		.111 111.		IOSFINTC	"X'7E'" Intercept condition before entrance to error routine.
		.111 1111		IOSNRMC	"X'7F'" Normal I/O completion.
IOSOPT and IOSOPT2 bit definitions - For Start Subchannel requests. See redefinition area for modify and store subchannel requests.					
14	(E)	BITSTRING	1	IOSOPT	Options byte
15	(F)	BITSTRING	1	IOSOPT2	Second option byte
-------IOSOPT--bit-definitions----------					
		1...		IOSBYP	"X'80'" Bypass IOS channel program prefixing
		.1..		IOSDEP	"X'40'" Device end posting requested
		..1.		IOSQISCE	"X'20'" This request initiated by a function which has set the quiesce level in the UCB. (This bit should only be set when using the STARTIO macro compatibilty interface. All others should place the Quiesce level in the IOSLEVEL field.)
		...1		IOSPSLL	"X'10'" If 0, Local lock needed for IOS Post status processing. If 1, Local lock not needed.

Table 294. Structure IOSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		IOSNERP	"X'08'" If flag UCBLERP is off, ERPs are not to be used. If UCBLERP is on, ERPs will unconditionally get control. ERPs will only be allowed to perform recovery of non-error unit checks and any additional function as defined by intermediate ERP mask flags. When this flag is on, ERPs may not perform any recovery for error cases except as defined by the ERP mask flags.
		.... .1..		IOSTSLL	"X'04'" If 0, Local lock needed by the termination routine. (IOSPSLL bit must be off) If 1, Local lock not needed by the termination routine
		.... ..1.		IOSAPR	"X'02'" Alternate path retry active. Must be set to zero by driver.
		1		IOSRELSE	"X'01'" Request for stand-alone RELEASE CCW to be issued.
IOSOPT2 - This byte reflects the I/O driver conditions for initiating an I/O request to the subchannel. See architecture for the meaning of these conditions. This byte also reflects the interrupt status from the IRB.					
		1...		IOSF	"X'80'" If 0, Format 0 CCW channel program. If 1, Format 1 CCW channel program.
		.1..		IOSP	"X'40'" If 0, the driver does not want 'Unlimited CCW Prefetch'. If 1, the driver wants 'Unlimited CCW Prefetch' active with the channel program.
		..1.		IOSI	"X'20'" If 0, The driver does not want 'Initial Status Interruption' generated. If 1, The driver wants 'Initial Status Interruption' generated.
		...1		IOSA	"X'10'" If 1, Address limit check required.
		.... 1...		IOSSI	"X'08'" If 1, Suppress Suspend Interrupt.
		.... .1..		IOSZ	"X'04'" If 1, Zero condition code to Initial selection.
		.... ..1.		IOSE	"X'02'" Extended control information stored with interrupt. (This bit is provided for information only, the stored data cannot be found from the IOSB.)
		1		IOSN	"X'01'" If 1, path not operational.
16	(10)	ADDRESS	4	IOSUCB	Unit Control Block (UCB) address, address to common segment.
IOSFCSW field - Subchannel Status Word field. Format 0 CCW requests - Start Subchannel deferred condition code is stored in IOSCC field and the 3 byte command address in IOSCSWCA (compatable with System/370).					
20	(14)	BITSTRING	8	IOSFCSW(0)	Eight byte Subchannel CSW
20	(14)	ADDRESS	4	IOSCCWAD	Format 1 CCW address
20	(14)	ADDRESS	4	IOSTCWAD	Ending TCW address for FCX
20	(14)	BITSTRING	1	IOSCC	Start Subchannel deferred CC
		..11		IOSCC3	"X'30'" Deferred condition code 3
		...1		IOSCC1	"X'10'" Deferred condition code 1

Table 294. Structure IOSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		....		IOSCC0	"X'00'" Deferred condition code 0
21	(15)	BITSTRING	7	IOSCSW	Low order 7 bytes of CSW
21	(15)	ADDRESS	3	IOSCSWCA	Format 0 CCW address
24	(18)	BITSTRING	2	IOSTATUS	CSW status bytes
24	(18)	BITSTRING	1	IOSTSA	Device status byte of SCSW
24	(18)	BITSTRING	1	IOSDSTAT	Device status
		1...		IOSDSATN	"X'80'" ..Attention
		.1..		IOSDSSM	"X'40'" ..Status Modifier
		..1.		IOSDSCUE	"X'20'" ..Control Unit End
		...1		IOSDSBSY	"X'10'" ..Busy
		.... 1...		IOSDSCE	"X'08'" ..Channel End
		.... .1..		IOSDSDE	"X'04'" ..Device End
		.... ..1.		IOSDSUC	"X'02'" ..Unit Check
		1		IOSDSUEX	"X'01'" ..Unit Exception
25	(19)	BITSTRING	1	IOSTSB	Subchannel status byte
25	(19)	BITSTRING	1	IOSSSTAT	Subchannel status
		1...		IOSSSPCI	"X'80'" ..Program-controlled interrupt
		.1..		IOSSSIL	"X'40'" ..Incorrect Length
		..1.		IOSSSPGC	"X'20'" ..Program Check
		...1		IOSSSPTC	"X'10'" ..Protection Check
		.... 1...		IOSSSCDC	"X'08'" ..Channel Data Check
		.... .1..		IOSSSCCC	"X'04'" ..Channel Control Check
		.... ..1.		IOSSSICC	"X'02'" ..Interface Control Check
		1		IOSSSCC	"X'01'" ..Chaining Check
		1		IOSSSCRF	"X'01'" ..Channel subsystem retry failed
26	(1A)	BITSTRING	2	IOSCSWRC	Residual Count
26	(1A)	BITSTRING	1	IOSFCXST	FCX status
27	(1B)	BITSTRING	1	IOSSESTAT	Subchannel extended status
		1...		IOSINTGFAILED	"X'80'" Interrogate failed
		.111 1111		IOSSESQ	"X'7F'" Subchannel extended status qualifier - see macro IHASESQ
20	(14)	BITSTRING	4	IOSSID	UCB Subsystem-identification word
24	(18)	BITSTRING	4		Reserved
28	(1C)	ADDRESS	4	IOSSRB	Back pointer to I/O requestors SRB
32	(20)	ADDRESS	4	IOSUSE	IOSB owner use field.
36	(24)	ADDRESS	4	IOSIOPID	The I/O prevention identifier (IOPID) that covers this I/O request.
40	(28)	BITSTRING	2	IOSAPMSK(0)	Compatibility label
40	(28)	BITSTRING	2	IOSSCHC(0)	Subchannel Control field which is presented in the subchannel status word(SCSW) of IRB.
40	(28)	BITSTRING	1	IOSSCHC0	Subchannel Control - Byte 0

Table 294. Structure IOSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		EQU X'80' Reserved for architecture			
		.111		IOSFC	"X'70'" Function Control field
		.1..		IOSFSSCH	"X'40'" - Start Subchannel
		..1.		IOSFHSCH	"X'20'" - Halt Subchannel
		...1		IOSFCSCH	"X'10'" - Clear Subchannel
		 1111		IOSAC	"X'0F'" Activity Control
		.... 1...		IOSARSCH	"X'08'" - Resume Pending
		.... .1..		IOSASSCH	"X'04'" - Start Pending
		.... ..1.		IOSAHSCH	"X'02'" - Halt Pending
		1		IOSACSCH	"X'01'" - Clear Pending
41	(29)	BITSTRING	1	IOSSCHC1	Subchannel Control - byte 1
		111.		IOSAC2	"X'E0'" Activity Control
		1...		IOSASUBA	"X'80'" - Subchannel active
		.1..		IOSADEVA	"X'40'" - Device active
		..1.		IOSSSPND	"X'20'" - Subchannel Suspended
		...1 1111		IOSSC	"X'1F'" Status Control
		...1		IOSSALRT	"X'10'" - Alert Status
		.... 1...		IOSSINTR	"X'08'" - Intermediate status
		.... .1..		IOSSPRIM	"X'04'" - Primary Status
		.... ..1.		IOSSSEC	"X'02'" - Secondary Status
		1		IOSSPNDG	"X'01'" - Status Pending. If 0, Simulated status.
42	(2A)	SIGNED	2	IOSSNS	Sense data - 1st 2 bytes
42	(2A)	BITSTRING	0	IOSSNSBD	"X'10FE'" Value supplied to indicate unsuccessful sense
		End of common IOSB section - start of processing dependent sections NML - Normal I/O request processing WTO - attention processing PCI - Intermediate status processing			
42	(2A)	X'2C'	0	IOSSECT	"*"
44	(2C)	ADDRESS	4	IOSIPIB(0)	NML- IPIB address (IOS/Purge) Initially set to zero by driver and not to be reset by exits. PCI- Intermediate status SRB/IOSB chain pointer.
44	(2C)	BITSTRING	1		
45	(2D)	BITSTRING	3	IOSIPIBP	3-byte IPIB address. Used by I/O drivers who wish to reference the IPIB
48	(30)	ADDRESS	4	IOSPCHN	PCI- Ptr to ending status IOSB for Intermediate status SRB/IOSBS. NML- Ptr to 1st intermediate status SRB/ IOSB for ending status IOSB.
48	(30)	ADDRESS	4	IOSSCHIB	For Modify and Store Subchannel requests, IOSPCHN contains the address of the SCHIB data associated with the request (Address provided by the caller).
52	(34)	ADDRESS	4	IOSERP	ERP - Error work area address (EWA). Must initially be set to zero by the driver.

Table 294. Structure IOSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
Caller Exit addresses - High order bit defines addressing mode.					
56	(38)	ADDRESS	4	IOSPCI	Intermediate status exit address or zero
60	(3C)	ADDRESS	4	IOSNRM	Normal end exit address (required)
64	(40)	ADDRESS	4	IOSABN	Anormal end exit address(required)
68	(44)	ADDRESS	4	IOSDIE	Disabled Interrupt Exit address or zero
Real Channel program - virtual and real addresses of the first CCW or the FCX TCW					
72	(48)	ADDRESS	4	IOSRST	Real address
76	(4C)	ADDRESS	4	IOSVST	Virtual address
80	(50)	ADDRESS	4	IOSDSID	Data set identifier(DSID)- purge
84	(54)	BITSTRING	1	IOSLEVEL	IOS serialization level
85	(55)	BITSTRING	1	IOSGPMSK	GDP- Guaranteed Device path mask with IOSGDP bit set. APR- Alternate path retry path mask with IOSAPR bit set.
86	(56)	BITSTRING	2	IOSDCTI	DCTI field from IRB- the I/O request device connect time.
88	(58)	BITSTRING	1	IOSFMSK	Mode set/File mask field.
89	(59)	BITSTRING	1	IOSCKEY	On STARTIO- Channel program protect key. On interrupt- 1st byte of the IRB.
		1111		IOSIRBKY	"X'F0'" . Protect key - bits 0-3
		.... 1...		IOSS	"X'08'" . Request has Suspend capability
		.... .1..		IOSIRBL	"X'04'" . ESW contains logout data
		11		IOSIRBCC	"X'03'" . SSCH Deferred condition code------
		11		IOSIRBC3	"X'03'" -Deferred condition code 3
		1		IOSIRBC1	"X'01'" -Deferred condition code 1
		....		IOSIRBC0	"X'00'" -Deferred condition code 0
90	(5A)	BITSTRING	1	IOSMDB	ERP immediate CCW op code
91	(5B)	BITSTRING	1	IOSMDM	ERP modifier mask
92	(5C)	CHARACTER	8	IOSEEK	Static seek address NOTE: CTC section starts at IOSEEK + 4.
100	(64)	CHARACTER	8	IOSEEKA	Dynamic seek address
100	(64)	BITSTRING	1	IOSSKM	
101	(65)	BITSTRING	2	IOSSKBB	BB
103	(67)	BITSTRING	4	IOSCCHH(0)	CCHH
103	(67)	BITSTRING	2	IOSSKCC	CC
105	(69)	BITSTRING	2	IOSSKHH(0)	HH
105	(69)	BITSTRING	1	IOSSKH1	

Table 294. Structure IOSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
106	(6A)	BITSTRING	1	IOSSKH2	
107	(6B)	BITSTRING	1	IOSSKR	
107	(6B)	X'6C'	0	IOSEND	"*" End of IOSB w/o extension
Channel to Channel (CTC) section					
96	(60)	DBL WORD	8	IOSCTCDW	Sense command byte CCW slot
101	(65)	BITSTRING	1	IOSCTCMD	CTC command byte from sense if format 0 CCW (IOSF=OFF)
104	(68)	BITSTRING	1	IOSCTCOP	CTC command byte from sense if format 1 CCW (IOSF=ON)
Attention section - IOS generated IOSB when IOSPROC = X'08'					
44	(2C)	BITSTRING	40	IOSATTSN	Additional sense (after IOSNS)
44	(2C)	BITSTRING	30	IOSATSNS	Additional sense data
74	(4A)	BITSTRING	1	IOSATPMK	Attention path mask - path mask of path on which attention interrupt was received
75	(4B)	BITSTRING	1	IOSAFLGS	Attention Flags
		1...		IOSAINTR	"X'80'" Indicates that attention routine is requesting intercept processing
		.1..		IOSAINTE	"X'40'" Indicates an intercept has been generated for this attention interrupt
EQU X'20' Unused EQU X'10' Unused EQU X'08' Unused EQU X'04' Unused EQU X'02' Unused EQU X'01' Unused					
76	(4C)	SIGNED	1	IOSAATI	Index to the attention table
77	(4D)	BITSTRING	7		Reserved
84	(54)	BITSTRING	24	IOSATTWA(0)	Attention routine work area
84	(54)	BITSTRING	20	IOSXMSAV	CMSET savearea in IECTCATN
104	(68)	BITSTRING	4		Reserved
Intermediate status section- IOS generated IOSB when IOSPROC= X'04'					
44	(2C)	ADDRESS	4		IOSIPIB field- must not be changed
48	(30)	ADDRESS	4		IOSPCHN field- must not be changed
52	(34)	BITSTRING	32	IOSPCIRS	Intermediate status reserved area
84	(54)	BITSTRING	1	IOSPCIWA	Intermediate status work area
IOSB mapping fields for modify and store subchannel requests. Fields IOSFLB, IOSOPT and IOSOPT2 are mapped, as follows. IOSFLB field bit definitions -- Modify Subchannel requests only					
		1...		IOSMLPMO	"X'80'" If 1, old LPM is to be 'ORED' with new LPM. If 0, old LPM is to BE 'ANDED' with new LPM. This bit valid only if IOSMLPM is on.
		.1..		IOSMPOMO	"X'40'" If 1, Old PSW is to be 'ORED' with new POM. If 0, Old POM is to be 'ANDED' with new POM. This bit valid only if IOSMPOM is on.

Table 294. Structure IOSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		IOSMMMO	"X'20'" If 1, old measurement mode is to be 'ORED'with new new measurement mode. If 0, old measurement mode is to be 'ANDED' with new measurement mode. This bit valid only if IOSMMM is on.
		...1		IOSASIS	"X'10'" If 1, IOSMLPMO and IOSMPOMO are ignored, and the old LPM and/or POM are to be replaced by the new LPM/POM.
IOSOPT and IOSOPT2 bit definitions For Modify and Store Subchannel requests. --------IOSOPT----------					
		1...		IOSSYN	"X'80'" If 1, indicates STORE or MODIFY subchannel request is to be done synchronously. If 0, indicates caller can handle asynchronous issuing of STORE or MODIFY Subchannel.
		.1..		IOSNOPTH	"X'40'" If 1, indicates for path message request, a conditional no path condition.
EQU X'3F' Reserved- initialized to zero --------IOSOPT2----------					
		1...		IOSMISC	"X'80'" If 1, interrupt subclass is to be modified by MSCH
		.1..		IOSME	"X'40'" If 1, enabled indicator is to be modified by MSCH (IOS use only)
		..1.		IOSMLM	"X'20'" If 1, limit mode is to be modified by MSCH
		...1		IOSMMM	"X'10'" If 1, measurement mode is to be modified by MSCH
		.... 1...		IOSMLPM	"X'08'" If 1, logical path mask is to be modified by MSCH
		.... .1..		IOSMMBI	"X'04'" If 1, measurement block index is to be modified by MSCH
		.... ..1.		IOSMPOM	"X'02'" If 1, path operational mask is to be modified by MSCH
		1		IOSMD	"X'01'" If 1, dynamic pathing indicator is to be modified by MSCH

Table 295. Structure IOSB

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IOSB	BASE IOSB
JES3DM SECTION, ADDR FIELDS OFF IOSB IN IECDIOSB					
108	(6C)	CHARACTER	4	ISRID	- BLOCK IDENTIFICATION
112	(70)	CHARACTER	1	ISRFLAG1	- FLAG BYTE
DEFINITION OF ISRFLAG1					
		1...		ISRPERR	"X'80'" - CHAN PROG ENDED WITH ERROR
		.1..		ISRRETU	"X'40'" ISR RETURNED BY IATDMER
		..1.		ISRDIE	"X'20'" - PROCESSED BY DIE ROUTINE.
		...1		ISRJPOST	"X'10'" - JES ECB POST REQD

Table 295. Structure IOSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		ISRTERM	"X'08'" - PROCESSED BY TERM ROUTINE.
		.... .1..		ISRUERR	"X'04'" - COULD NOT IDENTIFY ERROR CP.
		.... ..1.		ISRSIO	"X'02'" SIO DONE
		1		ISRDIOUT	"X'01'" EXIT FROM DIE
113	(71)	BITSTRING	1	ISRSYMSK	- SIO SYSTEM MASK SAVE AREA.
114	(72)	BITSTRING	1	ISRFLAG2	FLAG BYTE 2
		DEFINITION OF ISRFLAG2			
		1...		ISRINCMP	"X'80'" I/O INCOMPLETE
		.1..		ISRDIEOB	"X'40'" ISR OBTAINED BY DIE
		..1.		ISRATPST	"X'20'" AUX-TASK POST REQUIRED
		...1		ISRERR	"X'10'" ERP HAS BEEN IN CONTROL
		.... 1...		ISRNRMSC	"X'08'" 2ND ENTRY TO NORMAL EXIT
		.... .1..		ISRDMITA	"X'04'" ENTRY TO DMITA (FOOTPRINT) 0443
		.... ..1.		ISRJESIO	"X'02'" At least one JES3 JSAM request included
		1		ISRIOSTR	"X'01'" IATDMDK: I/O being initiated IATDMIT: I/O to be started after a failure in IATDMDK
115	(73)	CHARACTER	1	ISRRSVDU	- RESERVED FOR USER
116	(74)	SIGNED	4	ISREXTEN	- ADDR OF EXTENT TABLE ENTRY
120	(78)	SIGNED	4	ISRCPEND	- ADDR+8 OF LAST CCW IN CHAIN
124	(7C)	SIGNED	4	ISRNXISR	- ISR LINK FIELD
128	(80)	SIGNED	4	ISRERDMC	- ADDR OF DMC HAVING AN I/O ERROR
132	(84)	SIGNED	4	ISRDMFRR	- ADDR OF JES3SDM FRR ROUTINE
136	(88)	SIGNED	4	ISRSAVE(9)	- SAVE AREA FOR START I/O SUBR
172	(AC)	SIGNED	4	ISRTVTAD	ADDRESS OF TVT FOR POST
176	(B0)	SIGNED	4	ISRNXDMC	DMCNXDMC SAVEAREA FOR DMITT
		SRB SECTION, ADDR FIELDS OFF SRBSECT IN IHASRB			
180	(B4)	CHARACTER	44	ISRSRB	- SPACE IN DSECT FOR SRB
224	(E0)	DBL WORD	8	ISRFEND(0)	- END OF IATYISR
224	(E0)	X'E0'	0	ISRFSIZE	"ISRFEND-IOSB" - SIZE OF IATYISR

Table 296. Structure IOPSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IOPSTART	
0	(0)	BITSTRING	224	IOPINISR	USED TO INIT AN IATYISR
224	(E0)	CHARACTER	4	IOPID	DATA AREA IDENTIFIER
228	(E4)	BITSTRING	1	IOPFLAGS	IOP FLAGS
		HOT START FLAGS FOR IATYIOP VALIDATION			
		1...		IOPHSTRT	"X'80'" IOP VALID OVER HOTSTART
		.1..		IOPHSNEW	"X'40'" NEW IOP BUILT OVER HOTSTART
		..1.		IOPNISR	"X'20'" NEW ISR AREA REQUIRED

Table 296. Structure IOPSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		...1		IOPJSTRM	"X'10'" JES3 TERMINATING
		.... 1...		IOPDYCHG	"X'08'" Spool configuration was changed dynamically at least once - set as a footprint
229	(E5)	BITSTRING	3	IOPTSIZE	TOTAL SIZE OF IOP AREA
232	(E8)	ADDRESS	4	IOPJASCB	ADDR OF JES3 ASCB

```
       IOPEXTAB:
 This field points to a set of pointers, each pointing to
 an extent entry:
                                      EXTSTART
                              +----->+--------+
                              | | | JCT
    +--------+ EXTINDEX | | |
    |IOPEXTAB|-->+--------+ | | |
    +--------+ | |--+ +--------+
                +--------+
                | |-------->+--------+
                +--------+ | | SPOOL 1
                | |-----+ | |
                +--------+ | | |
                | |--+ | +--------+
                +--------+ | |
                : : | +-->+--------+
                +--------+ | | | SPOOL 2 16893TBC
                |00000000| | | | 16893TBC
                +--------+ | | | 16893TBC
                             | +--------+
                             +----->+--------+
                                    | | SPOOL 3
                                    | |
                                    | |
                                    +--------+
                                       etc.
```

236	(EC)	ADDRESS	4	IOPEXTAB	Address of the Extent Vector

```
   The following pair of fields is normally serialized 0
   using a CDS instruction with one exception: 0
   When the IOPFREEI pointer is zero, the CMS lock 0
   must be obtained before updating it. 0
```

240	(F0)	DBL WORD	8	IOPFRISR(0)	DOUBLE WORD BOUNDARY
240	(F0)	ADDRESS	4	IOPCNTRL	QUEUE CONTROL WORD
244	(F4)	ADDRESS	4	IOPFREEI	ADDR OF 1ST FREE ISR
248	(F8)	DBL WORD	8	IOPWTISR(0)	DOUBLE WORD BOUNDARY
248	(F8)	ADDRESS	4	IOPISRQ	EXTENTS WAIT FOR ISR
252	(FC)	ADDRESS	4	IOPEXTCT	QUEUE CONTROL WORD
256	(100)	DBL WORD	8	IOPFREES(0)	DOUBLE WORD BOUNDARY
256	(100)	ADDRESS	4	IOPFRSRB	ADDR OF FIRST FREE SRB
260	(104)	ADDRESS	4	IOPSRBCT	QUEUE CONTROL WORD
264	(108)	DBL WORD	8	IOPSRBWT(0)	DOUBLE WORD BOUNDARY
264	(108)	ADDRESS	4	IOPSRBQ	DSS'S WAITING FOR SRB'S
268	(10C)	ADDRESS	4	IOPDSBCT	QUEUE CONTROL WORD
272	(110)	ADDRESS	4	IOPRSV03	Reserved for IBM
276	(114)	ADDRESS	4	IOPISRCN	Addr of first ISR pool
280	(118)	ADDRESS	4	IOPSRIA	Address of the Spool Reconfig. Inventory when one is in progress
284	(11C)	ADDRESS	4	IOPLOSRB	ADDR OF FIRST SRB
288	(120)	ADDRESS	4	IOPHISRB	ADDR OF LAST SRB
292	(124)	ADDRESS	4	IOPRPSTB	ADDR OF RPS SECTOR TABLE

Table 296. Structure IOPSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
296	(128)	SIGNED	4	IOPRPSSZ	SIZE OF RPS SECTOR TABLE
300	(12C)	SIGNED	4	IOPRSV01	Reserved for IBM
304	(130)	SIGNED	2	IOPEXTSZ	SIZE OF EACH EXTENT ENTRY
306	(132)	SIGNED	2	IOPNQUES	NUMBER OF SPOOL EXTENT ENTRIES
308	(134)	BITSTRING	1	IOPRSV02	Reserved for IBM
309	(135)	BITSTRING	1	IOPRSVS1	RESERVED FOR SERVICE
310	(136)	SIGNED	2	IOPNXTS	IOPNQUES - 1 (Excluding JCT extent)
312	(138)	SIGNED	4	IOPISRSV	Chain of ISRs during JES3 or C/I 0011 FSS address space termination 0011
320	(140)	ADDRESS	8	IOPVLARR	Address of VALID array; the array is used for track group owner validation
328	(148)	SIGNED	4	IOPVLSIZ	Size of the VALID array
332	(14C)	SIGNED	4	IOPRSVS(2)	Reserved for Service 0011
340	(154)	SIGNED	4	IOPRSVD	Reserved for Development
344	(158)	SIGNED	4	IOPRSVU1(2)	RESERVED FOR USER
352	(160)	DBL WORD	8	IOPFEND(0)	END OF FIXED PORTION OF IOP
352	(160)	X'160'	0	IOPFSIZE	"IOPFEND-IOPSTART" - SIZE OF FIXED PORTION OF IOP

Table 297. Structure EXTSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	EXTSTART	
0	(0)	DBL WORD	8	EXTQPRMS(0)	QUEUING PARMS FOR EXTENT
0	(0)	ADDRESS	4	EXTWAITQ	IATYDAT Q WAITING TO DO I/O
4	(4)	ADDRESS	4	EXTBUSY	IATYDAT USING THIS EXTENT
		....		EXTSETLK	"X'80000000'" Extent lock set value; set in 0011 the EXTBUSY field when the extent 0011 queues are being rearranged 0011
4	(4)	BITSTRING	0	EXTRSTLK	"X'7FFFFFFF'" Extent lock reset mask 0011
8	(8)	ADDRESS	4	EXTNXEXT	NEXT EXTENT Q'ED FOR IATYISR
12	(C)	BITSTRING	4	EXTLOADR(0)	LOW TRACK ADDRESS IN EXTENT
12	(C)	BITSTRING	2	EXTLOCYL	Low cylinder address
14	(E)	BITSTRING	2	EXTLOHD	Low cyl (hi-order) + head
16	(10)	BITSTRING	4	EXTHIADR(0)	HIGH TRACK ADDRESS IN EXTENT
16	(10)	BITSTRING	2	EXTHICYL	High cylinder address
18	(12)	BITSTRING	2	EXTHIHD	High cyl (hi-order) + head
20	(14)	BITSTRING	4	EXTCTADR(0)	CENTER TRACK ADDRESS IN EXTENT
20	(14)	BITSTRING	2	EXTCTCYL	Center cylinder address
22	(16)	BITSTRING	2	EXTCTHD	Center cyl (hi-order) + head
24	(18)	ADDRESS	4	EXTIOPAD	ADDR OF IATYIOP
28	(1C)	ADDRESS	4	EXTUCBAD	ADDR OF UCB FOR THIS EXTENT
32	(20)	ADDRESS	4	EXTDCBAD	ADDR OF DCB FOR THIS EXTENT
36	(24)	ADDRESS	4	EXTRPSAD	ADDR OF RPS TABLE ENTRY
40	(28)	SIGNED	4	EXTCYLCT	Count of cylinders on this volume
44	(2C)	ADDRESS	4	EXTISRAD	ISR ADDR FOR THIS START I/O
48	(30)	SIGNED	4	EXTIOCNT	I/O COUNT THIS EXTENT

Table 297. Structure EXTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
52	(34)	SIGNED	4	EXTBUFSZ	BUFFER SIZE FOR EXTENT I/O
52	(34)	X'36'	0	EXTBUFRC	"EXTBUFSZ+2,2" HALFWORD CONTAINING BUFFER SIZE
56	(38)	SIGNED	4	EXTCHCT	COUNT OF DMCS CHAINED TOGETHER
60	(3C)	SIGNED	4	EXTSAVE(2)	SAVE AREA FOR IATDMIT/IATDMTK
68	(44)	CHARACTER	8	EXTDDNM	EXTENT DDNAME
76	(4C)	CHARACTER	8	EXTSPNM	PARTITION NAME
84	(54)	ADDRESS	4	EXTSPB	ADDR OF SPOOL PARTITION BLOCK
88	(58)	ADDRESS	4	EXTNPEX	ADDR OF NEXT EXTENT THIS SPART
92	(5C)	ADDRESS	4	EXTCHN	ADDR OF NEXT EXTENT ENTRY
96	(60)	SIGNED	4	EXTSIZE	NUMBER OF TRK GROUPS IN EXTENT
100	(64)	SIGNED	4	EXTNLEFT	NUMBER OF AVAILABLE TRK GROUPS
104	(68)	SIGNED	4	EXTCTLOG	"G" OF 1ST GROUP LEFT OF CENTER
108	(6C)	SIGNED	4	EXTCTHIG	"G" OF 1ST GROUP RIGHT OF CENTER
112	(70)	SIGNED	4	EXTLOWR	"R" OF 1ST RECORD IN EXTENT
116	(74)	SIGNED	4	EXTHIGHR	"R" OF LAST RECORD IN EXTENT
120	(78)	SIGNED	4	EXTPURGE	PURGE I/O check field - set by 05275SUA IATDMFR at the time of failure 05275SUA
124	(7C)	BITSTRING	1	EXTFLAGS	EXTENT FLAGS
		DEFINITION OF EXTFLAGS			
		1...		EXTLKBSY	"X'80'" IATDMDSL TO USE EXTBUSY.
		.1..		EXTSIO	"X'40'" IATDMDKW TO FORCE SIO.
		..1.		EXTBUFDA	"X'20'" BUFFERED DASD
		...1		EXTTGBEN	"X'10'" AT LEAST ONE BDTRACK ENTRY THIS DS
		.... 1...		EXTFLR08	"X'08'" Reserved for IBM
		.... .1..		EXTFLR04	"X'04'" Reserved for IBM
		.... ..1.		EXTFLR02	"X'02'" Reserved for IBM
		1		EXTFLR01	"X'01'" Reserved for IBM
125	(7D)	BITSTRING	1	EXTSTFLG	EXTENT STATUS FLAG
		EXTSTFLG DEFINITION, FIELDS MUST MATCH VOLFLAG1 IN YVOL			
		1...		EXTUNV	"X'80'" EXTENT NOT ALLOCATED
		.1..		EXTDRAIN	"X'40'" EXTENT MOVED TO DRAINING PARTITION
		..1.		EXTHELD	"X'20'" EXTENT HELD
		...1		EXTSTTD	"X'10'" EXTENT CONTAINS DYNAMIC STT
		.... 1...		EXTREP	"X'08'" EXTENT REPLACED
		.... .1..		EXTDEL	"X'04'" EXTENT DELETED (NO TRACK CARD)
		.... ..1.		EXTFRMT	"X'02'" FORMAT REQUIRED
		1		EXTPENDL	"X'01'" Extent is pending deletion during Hotstart/Refresh or *F CONFIG

Table 297. Structure EXTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
126	(7E)	BITSTRING	2	EXTDEVTP	DEVICE TYPE
128	(80)	SIGNED	2	EXTRECTK	NUMBER OF RECORDS PER TRACK
130	(82)	SIGNED	2	EXTGRPSZ	NUMBER OF RECORDS PER TRACK GROUP
132	(84)	SIGNED	2	EXTTKCYL	NUMBER OF TRACKS PER CYLINDER
134	(86)	SIGNED	2	EXTNDX	EXTENT NUMBER
136	(88)	SIGNED	2	EXTSPNDX	SPOOL PARTITION INDEX
138	(8A)	SIGNED	2	EXTGRPSP	PARTITION RECORDS PER TRACK GROUP
140	(8C)	SIGNED	4	EXTFRRAD	ADDR OF ORIGINAL FRR PARM AREA
144	(90)	SIGNED	2	EXTASID	ASID OF FAILING ADDR SPACE
146	(92)	BITSTRING	1	EXTFLAG2	Extent Flag 2
	Definition of EXTFLAG2				
		1...		EXTXMEM	"X'80'" Link-up in cross-memory mode; an additional FRR exists
		.1..		EXTPURLK	"X'40'" Purge is holding the extent lock 0011
		..1.		EXTADDED	"X'20'" Extent being added dynamically
		...1		EXTAUTOD	"X'10'" Automatically drained during spool deletion
		.... 1...		EXTSTTMC	"X'08'" STT Move complete
		.... .1..		EXTSTTMS	"X'04'" STT Move successful
		.... ..1.		EXTADDMC	"X'02'" Extent being added via *MODIFY CONFIG, not via JES3 Restart
		1		EXT2X01	"X'01'" Reserved for IBM
	EXTFLAG3 should be manipulated with serializing instructions (e.g. CS, OIL, NIL)				
147	(93)	BITSTRING	1	EXTFLAG3	Extent Flag 3
	Definition of EXTFLAG3				
		1...		EXTNXTLK	"X'80'" Extent is being added to waiting for ISR queue
		.1..		EXT3X40	"X'40'" Reserved for IBM
		..1.		EXT3X20	"X'20'" Reserved for IBM
		...1		EXT3X10	"X'10'" Reserved for IBM
		.... 1...		EXT3X08	"X'08'" Reserved for IBM
		.... .1..		EXT3X04	"X'04'" Reserved for IBM
		.... ..1.		EXT3X02	"X'02'" Reserved for IBM
		1		EXT3X01	"X'01'" Reserved for IBM
148	(94)	SIGNED	4	EXTSTTST	STT start track group for an 20313TIA added extent 20313TIA
152	(98)	SIGNED	4	EXTSTTET	STT end track group for an 20313TIA added extent 20313TIA
156	(9C)	SIGNED	4	EXTRSVD(5)	Reserved for development 20313TIC
176	(B0)	SIGNED	4	EXTRSVS1(2)	RESERVED FOR SERVICE
184	(B8)	SIGNED	4	EXTRSVU1(2)	RESERVED FOR USER
	FIELD EXTDEFPM MUST BEGIN ON A 16 BYTE BOUNDARY				

Table 297. Structure EXTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
192	(C0)	CHARACTER	1	EXTFILL1(0)	
192	(C0)	BITSTRING	16	EXTDEFPM(0)	DEFINE EXTENT CCW PARAMETERS
192	(C0)	BITSTRING	1	EXTPRMSK	MASK BYTE
		....		EXTWROK	"B'00000000'" All write OP codes allowed except write HA and R0
		.1..		EXTWRINH	"B'01000000'" Inhibit all write operations
193	(C1)	BITSTRING	1	EXTATRIB	GLOBAL ATTRIBUTES
194	(C2)	BITSTRING	2	EXTRECSZ	RECORD SIZE
196	(C4)	BITSTRING	4	EXTRSVPM	RESERVED
200	(C8)	BITSTRING	4	EXTBEGIN	CCCCccch of beginning of extent
204	(CC)	BITSTRING	4	EXTXEND	CCCCccch of end of extent
THE EXTENT ENTRY MUST END ON A 16 BYTE BOUNDARY					
208	(D0)	CHARACTER	1	EXTFILL2(0)	
208	(D0)	X'D0'	0	EXTEND	"*" END OF EXTENT TABLE ENTRY
208	(D0)	X'D0'	0	EXTFSIZE	"EXTEND-EXTSTART" - SIZE OF EXTENT TABLE ENTRY

Table 298. Structure RPSSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	RPSSTART	
0	(0)	BITSTRING	2	RPSDEVTP	DEVICE CLASS/TYPE
2	(2)	BITSTRING	2	RPSBUFSZ	RECORD LENGTH
4	(4)	BITSTRING	2	RPSRECTK	NUMBER OF RECORDS PER TRACK
6	(6)	BITSTRING	1	RPSTABLE(0)	START OF SECTOR TABLE
6	(6)	X'6'	0	RPSHSIZE	"*-RPSSTART"

Table 299. Cross Reference for IATYIOP

Name	Offset	Hex Tag
EXTADDED	92	20
EXTADDMC	92	2
EXTASID	90	
EXTATRIB	C1	
EXTAUTOD	92	10
EXTBEGIN	C8	
EXTBUFDA	7C	20
EXTBUFRC	34	36
EXTBUFSZ	34	
EXTBUSY	4	
EXTCHCT	38	
EXTCHN	5C	
EXTCTADR	14	
EXTCTCYL	14	
EXTCTHD	16	
EXTCTHIG	6C	

Table 299. Cross Reference for IATYIOP (continued)

Name	Offset	Hex Tag
EXTCTLOG	68	
EXTCYLCT	28	
EXTDCBAD	20	
EXTDDNM	44	
EXTDEFPM	C0	
EXTDEL	7D	4
EXTDEVTP	7E	
EXTDRAIN	7D	40
EXTEND	D0	D0
EXTFILL1	C0	
EXTFILL2	D0	
EXTFLAGS	7C	
EXTFLAG2	92	
EXTFLAG3	93	
EXTFLR01	7C	1
EXTFLR02	7C	2
EXTFLR04	7C	4
EXTFLR08	7C	8
EXTFRMT	7D	2
EXTFRRAD	8C	
EXTFSIZE	D0	D0
EXTGRPSP	8A	
EXTGRPSZ	82	
EXTHELD	7D	20
EXTHIADR	10	
EXTHICYL	10	
EXTHIGHR	74	
EXTHIHD	12	
EXTIOCNT	30	
EXTIOPAD	18	
EXTISRAD	2C	
EXTLKBSY	7C	80
EXTLOADR	C	
EXTLOCYL	C	
EXTLOHD	E	
EXTLOWR	70	
EXTNDX	86	
EXTNLEFT	64	
EXTNPEX	58	
EXTNXEXT	8	
EXTNXTLK	93	80
EXTPENDL	7D	1
EXTPRMSK	C0	
EXTPURGE	78	
EXTPURLK	92	40
EXTQPRMS	0	

Table 299. Cross Reference for IATYIOP (continued)

Name	Offset	Hex Tag
EXTRECSZ	C2	
EXTRECTK	80	
EXTREP	7D	8
EXTRPSAD	24	
EXTRSTLK	4	FFFFFF
EXTRSVD	9C	
EXTRSVPM	C4	
EXTRSVS1	B0	
EXTRSVU1	B8	
EXTSAVE	3C	
EXTSETLK	4	0
EXTSIO	7C	40
EXTSIZE	60	
EXTSPB	54	
EXTSPNDX	88	
EXTSPNM	4C	
EXTSTART	0	
EXTSTFLG	7D	
EXTSTTD	7D	10
EXTSTTET	98	
EXTSTTMC	92	8
EXTSTTMS	92	4
EXTSTTST	94	
EXTTGBEN	7C	10
EXTTKCYL	84	
EXTUCBAD	1C	
EXTUNV	7D	80
EXTWAITQ	0	
EXTWRINH	C0	40
EXTWROK	C0	0
EXTXEND	CC	
EXTXMEM	92	80
EXT2X01	92	1
EXT3X01	93	1
EXT3X02	93	2
EXT3X04	93	4
EXT3X08	93	8
EXT3X10	93	10
EXT3X20	93	20
EXT3X40	93	40
IOPCNTRL	F0	
IOPDSBCT	10C	
IOPDYCHG	E4	8
IOPEXTAB	EC	
IOPEXTCT	FC	
IOPEXTSZ	130	

Table 299. Cross Reference for IATYIOP (continued)

Name	Offset	Hex Tag
IOPFEND	160	
IOPFLAGS	E4	
IOPFREEI	F4	
IOPFREES	100	
IOPFRISR	F0	
IOPFRSRB	100	
IOPFSIZE	160	160
IOPHISRB	120	
IOPHSNEW	E4	40
IOPHSTRT	E4	80
IOPID	E0	
IOPINISR	0	
IOPISRCN	114	
IOPISRQ	F8	
IOPISRSV	138	
IOPJASCB	E8	
IOPJSTRM	E4	10
IOPLOSRB	11C	
IOPNISR	E4	20
IOPNQUES	132	
IOPNXTS	136	
IOPRPSSZ	128	
IOPRPSTB	124	
IOPRSVD	154	
IOPRSVS	14C	
IOPRSVS1	135	
IOPRSVU1	158	
IOPRSV01	12C	
IOPRSV02	134	
IOPRSV03	110	
IOPSRBCT	104	
IOPSRBQ	108	
IOPSRBWT	108	
IOPSRIA	118	
IOPSTART	0	
IOPTSIZE	E5	
IOPVLARR	140	
IOPVLSIZ	148	
IOPWTISR	F8	
IOSA	F	10
IOSAATI	4C	
IOSABN	40	
IOSABNC	D	45
IOSAC	28	F
IOSACHN	0	C0
IOSACLR	3	FC

Table 299. Cross Reference for IATYIOP (continued)

Name	Offset	Hex Tag
IOSACSCH	28	1
IOSAC2	29	E0
IOSADDR	3	18
IOSADEVA	29	40
IOSADIER	3	1C
IOSAFLGS	4B	
IOSAHALT	3	FD
IOSAHSCH	28	2
IOSAINTE	4B	40
IOSAINTER	3	F8
IOSAINTR	4B	80
IOSAMOD	3	FE
IOSAOMID	4	14
IOSAPCI	3	4
IOSAPMSK	28	
IOSAPR	F	2
IOSAPRID	4	84
IOSAPURG	3	C
IOSARSCH	28	8
IOSASID	6	
IOSASIS	54	10
IOSASMID	4	E
IOSASNRQ	3	FA
IOSASSCH	28	4
IOSASTOR	3	FF
IOSAST1	3	F9
IOSASUBA	29	80
IOSATMID	4	4
IOSATPMK	4A	
IOSATSNS	2C	
IOSATTN	3	8
IOSATTSN	2C	
IOSATTWA	54	
IOSAUR	3	20
IOSAUSID	4	10
IOSAWTO	3	14
IOSB	0	
IOSB	0	
IOSBDCST	1	2
IOSBEXTF	5	1
IOSBSTD	0	
IOSBYP	F	80
IOSCAPAS	D	54
IOSCC	14	
IOSCCHH	67	
IOSCCHN	0	40

Table 299. Cross Reference for IATYIOP (continued)

Name	Offset	Hex Tag
IOSCCWAD	14	
IOSCCWDS	5	10
IOSCC0	14	0
IOSCC1	14	10
IOSCC3	14	30
IOSCC3WE	2	20
IOSCDRID	4	17
IOSCD46	D	46
IOSCD50	D	50
IOSCHCMP	C	1
IOSCKEY	59	
IOSCLRID	4	81
IOSCNCLD	D	49
IOSCOD	D	
IOSCSW	15	
IOSCSWCA	15	
IOSCSWRC	1A	
IOSCTCDW	60	
IOSCTCMD	65	
IOSCTCNR	2	2
IOSCTCOP	68	
IOSDACID	4	1F
IOSDAVV	4	12
IOSDCHN	0	80
IOSDCSID	4	13
IOSDCTI	56	
IOSDEP	F	40
IOSDIE	44	
IOSDIESE	1	80
IOSDOM	0	2
IOSDPXC	D	43
IOSDSATN	18	80
IOSDSBSY	18	10
IOSDSCE	18	8
IOSDSCUE	18	20
IOSDSDE	18	4
IOSDSID	50	
IOSDSSM	18	40
IOSDSTAT	18	
IOSDSUC	18	2
IOSDSUEX	18	1
IOSDVRID	4	
IOSDYPID	4	11
IOSE	F	2
IOSEEK	5C	
IOSEEKA	64	

Table 299. Cross Reference for IATYIOP (continued)

Name	Offset	Hex Tag
IOSEIDAW	2	40
IOSEND	6B	6C
IOSEPCIF	5	20
IOSEPCIS	5	8
IOSERP	34	
IOSERR	0	20
IOSERRC	D	41
IOSEX	0	4
IOSEXP	2	10
IOSEXTC	D	42
IOSEXTRM	D	47
IOSF	F	80
IOSFC	28	70
IOSFCHID	4	7
IOSFCSCH	28	10
IOSFCSW	14	
IOSFCXST	1A	
IOSFHSCH	28	20
IOSFINTC	D	7E
IOSFLA	0	
IOSFLB	1	
IOSFLC	2	
IOSFLD	5	
IOSFMSK	58	
IOSFSSCH	28	40
IOSFTCHC	D	71
IOSGDP	2	1
IOSGDPCC	D	4D
IOSGDPLP	2	80
IOSGDPRD	D	4E
IOSGDPWE	D	6D
IOSGPMSK	55	
IOSGRSID	4	88
IOSI	F	20
IOSIDR	C	4
IOSINTC	D	44
IOSINTGFAILED	1B	80
IOSINTID	4	1E
IOSIONRD	1	8
IOSIOPID	24	
IOSIOSB	0	1
IOSIOSID	4	0
IOSIOTCR	D	53
IOSIPIB	2C	
IOSIPIBP	2D	
IOSIRBCC	59	3

Table 299. Cross Reference for IATYIOP (continued)

Name	Offset	Hex Tag
IOSIRBC0	59	0
IOSIRBC1	59	1
IOSIRBC3	59	3
IOSIRBKY	59	F0
IOSIRBL	59	4
IOSIVEXP	D	4C
IOSJESID	4	8
IOSLCL	C	8
IOSLEVEL	54	
IOSLIOPF	5	4
IOSLOG	1	1
IOSMD	54	1
IOSMDB	5A	
IOSMDM	5B	
IOSMDSID	4	F
IOSME	54	40
IOSMIHC	D	74
IOSMIHCA	D	51
IOSMIHID	4	85
IOSMIHSP	D	52
IOSMISC	54	80
IOSMISID	4	1
IOSMI2ID	4	1D
IOSMLM	54	20
IOSMLPM	54	8
IOSMLPMO	54	80
IOSMMBI	54	4
IOSMMM	54	10
IOSMMMO	54	20
IOSMNORQ	5	40
IOSMPOM	54	2
IOSMPOMO	54	40
IOSMSG	1	4
IOSN	F	1
IOSNERP	F	8
IOSNOINT	5	80
IOSNOLL	5	2
IOSNOPTH	54	40
IOSNORTY	2	2
IOSNORWS	2	8
IOSNOTRS	1	20
IOSNRM	3C	
IOSNRMC	D	7F
IOSOLTID	4	6
IOSOPT	E	
IOSOPT2	F	

Table 299. Cross Reference for IATYIOP (continued)

Name	Offset	Hex Tag
IOSP	F	40
IOSPAVID	4	19
IOSPCHN	30	
IOSPCI	38	
IOSPCIRS	34	
IOSPCIWA	54	
IOSPGAD	8	
IOSPGDPX	C	2
IOSPKEY	C	
IOSPRGC	D	48
IOSPRGID	4	A
IOSPROC	3	
IOSPRVID	4	86
IOSPSLL	F	10
IOSPVTIO	D	4A
IOSQISCE	F	20
IOSRELSE	F	1
IOSRESRC	1	10
IOSRST	48	
IOSRSVID	4	87
IOSS	59	8
IOSSALRT	29	10
IOSSC	29	1F
IOSSCHC	28	
IOSSCHC0	28	
IOSSCHC1	29	
IOSSCHIB	30	
IOSSCRID	4	82
IOSSDR	1	40
IOSSECT	2A	2C
IOSSESQ	1B	7F
IOSSESTAT	1B	
IOSSI	F	8
IOSSID	14	
IOSSINTR	29	8
IOSSKBB	65	
IOSSKCC	67	
IOSSKHH	69	
IOSSKH1	69	
IOSSKH2	6A	
IOSSKM	64	
IOSSKR	6B	
IOSSLFID	4	18
IOSSMDA	0	10
IOSSMDB	0	8
IOSSMSID	4	15

Table 299. Cross Reference for IATYIOP (continued)

Name	Offset	Hex Tag
IOSSNS	2A	
IOSSNSBD	2A	10FE
IOSSPNDG	29	1
IOSSPRIM	29	4
IOSSRB	1C	
IOSSSCC	19	1
IOSSSCCC	19	4
IOSSSCDC	19	8
IOSSSCRF	19	1
IOSSSEC	29	2
IOSSSICC	19	2
IOSSSIL	19	40
IOSSSPCI	19	80
IOSSSPGC	19	20
IOSSSPND	29	20
IOSSSPTC	19	10
IOSSSTAT	19	
IOSSS1ID	4	9
IOSSYN	54	80
IOSTAPEC	D	4B
IOSTATUS	18	
IOSTCMID	4	5
IOSTCWAD	14	
IOSTSA	18	
IOSTSB	19	
IOSTSLL	F	4
IOSUCB	10	
IOSUSE	20	
IOSVERIF	2	40
IOSVPSID	4	B
IOSVSAID	4	3
IOSVST	4C	
IOSV16ID	4	83
IOSV33ID	4	80
IOSXCFID	4	16
IOSXCPID	4	2
IOSXERPL	D	7D
IOSXMSAV	54	
IOSZ	F	4
IOS2CSWS	2	4
ISRATPST	72	20
ISRCPEND	78	
ISRDIE	70	20
ISRDIEOB	72	40
ISRDIOUT	70	1
ISRDMFRR	84	

Table 299. Cross Reference for IATYIOP (continued)

Name	Offset	Hex Tag
ISRDMITA	72	4
ISRERDMC	80	
ISRERR	72	10
ISREXTEN	74	
ISRFEND	E0	
ISRFLAG1	70	
ISRFLAG2	72	0
ISRFSIZE	E0	E0
ISRID	6C	
ISRINCMP	72	80
ISRIOSTR	72	1
ISRJESIO	72	2
ISRJPOST	70	10
ISRNRMSC	72	8
ISRNXDMC	B0	
ISRNXISR	7C	
ISRPCHN	8	
ISRPERR	70	80
ISRPHIAD	14	
ISRPID	0	C9E2D9D7
ISRPLEN	C	
ISRPLOAD	10	
ISRPRFIX	0	
ISRPRSVD	18	
ISRPSIZE	18	20
ISRRETU	70	40
ISRRSVDU	73	
ISRSAVE	88	
ISRSIO	70	2
ISRSRB	B4	
ISRSYMSK	71	
ISRTERM	70	8
ISRTVTAD	AC	
ISRUERR	70	4
RPSBUFSZ	2	
RPSDEVTP	0	
RPSHSIZE	6	6
RPSRECTK	4	
RPSSTART	0	
RPSTABLE	6	
SRB	0	
SRBASCB	8	
SRBASC24	9	
SRBBLK24	27	20
SRBCPAFF	C	
SRBEND	2C	

Table 299. Cross Reference for IATYIOP (continued)

Name	Offset	Hex Tag
SRBEP	14	
SRBEPA	14	
SRBFLC	C	
SRBFLGS	25	
SRBFLGS1	27	
SRBFLNK	4	
SRBFRRA	28	
SRBFRRA3	2B	
SRBFRRCL	25	10
SRBFRREQ	25	20
SRBHLHI	26	
SRBID	0	
SRBLLHLD	25	40
SRBLLREQ	25	80
SRBMAIN	27	80
SRBMODE	14	80
SRBMSCHD	27	2
SRBPARM	1C	
SRBPASID	E	
SRBPKF	24	
SRBPMCS	27	4
SRBPNONQ	25	4
SRBPRIOR	25	
SRBPSYS	25	0
SRBPTCB	10	
SRBRMODE	18	80
SRBRMTLL	1B	1
SRBRMTR	18	
SRBRMTRA	18	
SRBRMTR0	18	
SRBRMTR3	1B	
SRBSAVE	20	
SRBSD31	2B	1
SRBSECT	0	
SRBSIZE	2C	2C
SRBSP245	27	40
SRBSUSP	25	8
SRBTOKNP	27	1
SRBWEB	20	
SRBXESF	27	10
SRB1STS	27	8

IATYIQOS information

IATYIQOS programming interface information

IATYIQOS is a programming interface.

IATYIQOS heading information

Common name:	DATA AREA INPUT LIST FOR IATIQOS/IATIQOI/IATIQOM
Macro ID:	IATYIQOS
DSECT name:	IQOS
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	IQOS Offset: IQOSID Length: 4
Storage attributes:	Auxiliary Storage: N/A Subpool: 0 (JESPOOL) Key: 1 (JESKEY) Residency: ANY
Size:	IQOSSIZE
Created by:	IATIQOS
Pointed to by:	R13 IN IATIQOS/IATIQOI/IATIQOM, FCTATFPF IN THE IATIQOI FCT.
Serialization:	NONE
Function:	THIS MACRO EXPANDS THE DATA AREA REQUIRED FOR MODULES IATIQOS/IATIQOI/IATIQOM.

IATYIQOS mapping

Table 300. Structure IQOS

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IQOS	
0	(0)	SIGNED	4	IQOSSTRT(0)	START OF IQOS DATA AREA
0	(0)	CHARACTER	4	IQOSID	PARAMETER LIST IDENTIFIER
		DATA AREA			
0	(0)	X'3'	0	MAXPARM	"3" MAX NUMBER OF PARMS FOR H=
8	(8)	DBL WORD	8	IQOSDBL	DOUBLE WORD AREA
16	(10)	SIGNED	4	IQOSYPRM	SAVE AREA FOR IATYPRM ADDR
20	(14)	SIGNED	4	IQOSSVR2	SAVE AREA FOR REGISTER, USED BY IATIQOS TO SAVE REG 2 AND BY IATIQOI TO SAVE REG 6
24	(18)	SIGNED	4	IQOSSVR5	SAVE AREA FOR REGISTER 5
28	(1C)	SIGNED	4	IQOSS012(3)	SAVE AREA FOR REGISTERS 0-2 D014
40	(28)	SIGNED	4	IQOSSVR9	Save area for reg register 0035 used by IATIQOS to save 0035 reg 14 and by IATIQOI to0035 save reg 14 0035
44	(2C)	SIGNED	4	IQOSKA	SAVE AREA FOR KEYWORD ADDRESS AND REGISTER R2
48	(30)	SIGNED	4	IQOSLFS	SAVE AREA FOR LENGTH FIELDS OF THE KEYWORD AND PARAMETER
52	(34)	SIGNED	4	IQOSJDSP	JDS POINTER
56	(38)	SIGNED	4	(0)	
56	(38)	ADDRESS	4	IQOSIQOM	ADDRESS OF IATIQOM

Table 300. Structure IQOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
60	(3C)	SIGNED	2	IQOSLPCT	WA FOR PRT8131 MSG RTN 0024
62	(3E)	SIGNED	2	IQOSRPCT	WA FOR PRT8131 MSG RTN 0024
64	(40)	ADDRESS	4	IQOSBMP	BIT MAP POINTER 0395
68	(44)	SIGNED	4	IQOSBMS	BIT MAP SIZE 0395
72	(48)	SIGNED	4	IQOSNBAS	Base job number
76	(4C)	SIGNED	4	IQOSBRSV(9)	Reserved for IBM
112	(70)	BITSTRING	12	IQOSFDBS	FDB SAVE AREA
124	(7C)	BITSTRING	1	IQOSFDB	FDB FOR OSE'S

```
      IQOSIMSK
DEFINES WHAT KEYWORDS WERE GIVEN WITH A VALUE BY
THE OPERATOR ON AN INQUIRY ( I,U) COMMAND. AN
EXAMPLE IS 'CL=A'. THIS FIELD IS USED TO SELECT
MOSE/OSS/OSE CONTROL BLOCKS FOR THE COMMAND DISPLAY.
```

136	(88)	BITSTRING	4	IQOSIMSK(0)	Selection mask
136	(88)	BITSTRING	1	IQOSIMK0	1ST BYTE
		1...		IQOSIJNA	"X'80'" J= JOB NAME
		.1..		IQOSIJNO	"X'40'" J= JOB NUMBER
		..1.		IQOSIDG	"X'20'" DG= DEVICE GROUP 0299
		...1		IQOSIP	"X'10'" P= PRIORITY
		.... 1...		IQOSIDST	"X'08'" D= DESTINATION
		.... .1..		IQOSIGT	"X'04'" GT= GENERAL TYPE
		.... .1..		IQOSIW	"X'04'" W= WRITER NAME
		.... ..1.		IQOSIST	"X'02'" ST= SPECIFIC TYPE
		.... ..1.		IQOSIDSD	"X'02'" DSID= 3540 DISKETTE ID
		1		IQOSIF	"X'01'" F= FORMS
137	(89)	BITSTRING	1	IQOSIMK1	2ND BYTE
		1...		IQOSIC	"X'80'" C= CARRIAGE TAPE/FCB
		.1..		IQOSIU	"X'40'" U= UCS
		..1.		IQOSICL	"X'20'" CL= CLASS
		...1		IQOSIUID	"X'10'" ID= USER ID
		.... 1...		IQOSICH	"X'08'" CH= CHARACTER TABLE
		.... .1..		IQOSIFFL	"X'04'" FL= FORMS FLASH
		.... ..1.		IQOSICMO	"X'02'" CM= COPY MODIFICATION
		1		IQOSISTK	"X'01'" SS= STACKER
138	(8A)	BITSTRING	1	IQOSIMK2	3RD BYTE
		1...		IQOSIDD	"X'80'" DD= DATASET DDNAME
		.1..		IQOSIL	"X'40'" L= LINE LIMIT
		..1.		IQOSIHY	"X'20'" H=Y OPERATOR HOLD
		...1		IQOSIHN	"X'10'" H=N "NO" OPERATOR HOLD
		.... 1...		IQOSITRM	"X'08'" T= TERMINAL NAME 0522
		.... .1..		IQOSIAGE	"X'04'" AGE= SELECT BY AGE
		.... ..1.		IQOSIDSN	"X'02'" DSN= DATASET NAME
		1		IQOSISL	"X'01'" SL= SECLABL
139	(8B)	BITSTRING	1	IQOSIMK3	4TH BYTE
		1...		IQOSIBT	"X'80'" BT= BDT TYPE
		.1..		IQOSIBJ	"X'40'" BJ= BDT JOB NUMBER

Table 300. Structure IQOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		IQOSIBG	"X'20'" BG= BDT group identifier
		...1		IQOSIBS	"X'10'" BS= BDT status
		.... 1...		IQOSIAPC	"X'08'" APPC= KWD SPECIFIED
		.... .1..		IQOSISD	"X'04'" SECONDARY DESTINATION D003
		.... ..1.		IQOSIOTB	"X'02'" OB= OUTBIN ID 0146
		1		IQOSIBY	"X'01'" BY= Byte limit
		IQOSIMSK Continuation			
140	(8C)	BITSTRING	4	IQOSINMK(0)	Selection mask
140	(8C)	BITSTRING	1	IQOSIMK4	5th byte
		1...		IQOSIPG	"X'80'" PG= Page limit
		.1..		IQOSIPAD	"X'40'" IP= IPADDR
		..1.		IQOSIFMD	"X'20'" FD= FORMDEF
		...1		IQOSIPGD	"X'10'" PD= PAGEDEF
		.... 1...		IQOSICJ	"X'08'" CJ= Client job
		.... .1..		IQOSICJI	"X'04'" CJID= Client job id
		.... ..1.		IQOSICJN	"X'02'" CJNM= Client job name
141	(8D)	BITSTRING	1	IQOSIMK5	6th byte
		1...		IQOSITT	"X'80'" TT= TCP type
		.1..		IQOSITG	"X'40'" TG= TCP group identifier
		..1.		IQOSITS	"X'20'" TS= TCP status
		...1		IQOSIOD	"X'10'" OUTDISP= Output disposition
		.... 1...		IQOSI508	"X'08'" Reserved for IBM
		.... .1..		IQOSI504	"X'04'" Reserved for IBM
		.... ..1.		IQOSI502	"X'02'" Reserved for IBM
		1		IQOSI501	"X'01'" Reserved for IBM
142	(8E)	BITSTRING	1	IQOSIMK6	7th byte
143	(8F)	BITSTRING	1	IQOSIMK7	8th byte
		IQOSOMSK DEFINES WHAT INFORMATION SHOULD BE DISPLAYED FROM THE OUTPUT SERVICE DATA BASE WHEN A KEYWORD IS GIVEN WITH A '?' MARK. AN EXAMPLE IS 'ID=?'. The IQOSOMSK bit settings match those of IQOSAMSK.			
144	(90)	BITSTRING	4	IQOSOMSK(0)	Output mask
144	(90)	BITSTRING	1	IQOSOMK0	1ST BYTE
		1...		IQOSOJNA	"X'80'" J=? JOB NAME AND NUMBER
		.1..		IQOSOP	"X'40'" P=? PRIORITY
		..1.		IQOSODST	"X'20'" D=? DESTINATION
		...1		IQOSODSD	"X'10'" DSID= 3540 DISKETTE ID
		.... 1...		IQOSOW	"X'08'" W=? WRITER NAMES
		.... .1..		IQOSOST	"X'04'" ST=? SPECIFIC TYPE
		.... ..1.		IQOSOF	"X'02'" F=? FORMS
		1		IQOSOC	"X'01'" C=? CARRIAGE TAPE/FCB
145	(91)	BITSTRING	1	IQOSOMK1	2ND BYTE
		1...		IQOSOU	"X'80'" U=? UCS
		.1..		IQOSOCL	"X'40'" CL=? CLASS

Table 300. Structure IQOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		IQOSOUID	"X'20'" ID=? USER ID
		...1		IQOSOCH	"X'10'" CH=? CHARACTER TABLE
		.... 1...		IQOSOFFL	"X'08'" FL=? FORMS FLASH
		.... .1..		IQOSOCMO	"X'04'" CM=? COPY MODIFICATION
		.... ..1.		IQOSOSTK	"X'02'" SS=? STACKER
		1		IQOSODD	"X'01'" DD=? DATASET DDNAMES
146	(92)	BITSTRING	1	IQOSOMK2	3RD BYTE
		1...		IQOSOH	"X'80'" H=? HOLD STATUS
		.1..		IQOSOPM	"X'40'" PM=? PROCESS MODE
		..1.		IQOSODG	"X'20'" DG=? DEVICE GROUP 0299
		...1		IQOSOTRM	"X'10'" T=? TERMINAL NAME 0522
		.... 1...		IQOSOAGE	"X'08'" AGE=? DATA SET AGE
		.... .1..		IQOSODSN	"X'04'" DSN=? DATASET NAME
		.... ..1.		IQOSOSL	"X'02'" SL=? SECLABL
		1		IQOSOBT	"X'01'" BT=? BDT TYPE
147	(93)	BITSTRING	1	IQOSOMK3	4TH BYTE
		1...		IQOSOBJ	"X'80'" BJ=? BDT JOB NUMBER
		.1..		IQOSOBG	"X'40'" BG=? BDT GROUP
		..1.		IQOSOBS	"X'20'" BS=? BDT STATUS
		...1		IQOSOAPC	"X'10'" APPC=? APPC TRANSACTIONS
		.... 1...		IQOSOSD	"X'08'" SECONDARY DESTINATION D003
		.... .1..		IQOSOOTB	"X'04'" OB=? OUTBIN ID 0146
		.... ..1.		IQOSOIPA	"X'02'" IP=? IPADDR
		1		IQOSOFMD	"X'01'" FD=? FORMDEF
		Continuation of IQOSOMSK... The IQOSO2MK bit settings match those of IQOSA2MK.			
148	(94)	BITSTRING	4	IQOSO2MK(0)	Output mask
148	(94)	BITSTRING	1	IQOSOMK4	5th byte
		1...		IQOSOPGD	"X'80'" PD=? PAGEDEF
		.1..		IQOSOCJ	"X'40'" CJ=? Client job
		..1.		IQOSOTT	"X'20'" TT=? TCP type
		...1		IQOSOTG	"X'10'" TG=? TCP group identifier
		.... 1...		IQOSOTS	"X'08'" TS=? TCP status
		.... .1..		IQOSOOD	"X'04'" OUTDISP=? Output disposition
		.... ..1.		IQOSO402	"X'02'" UNUSED
		1		IQOSO401	"X'01'" UNUSED
149	(95)	BITSTRING	1	IQOSOMK5	6th byte
150	(96)	BITSTRING	1	IQOSOMK6	7th byte
151	(97)	BITSTRING	1	IQOSOMK7	8th byte
		IQOSAMSK THIS FIELD WILL HAVE THE SAME BIT SETTINGS AS THE IQOSIMSK FIELD. THIS FIELD IS ADDED TO THE IQOSOMSK FIELD IN A REGISTER TO INDICATE WHAT INFORMATION MUST BE DISPLAYED.			
152	(98)	BITSTRING	4	IQOSAMSK(0)	Add mask
152	(98)	BITSTRING	1	IQOSAMK0	1ST BYTE

Table 300. Structure IQOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		IQOSAJNA	"X'80'" J=? JOB NAME AND NUMBER
		.1..		IQOSAP	"X'40'" P=? PRIORITY
		..1.		IQOSADST	"X'20'" D=? DESTINATION
		...1		IQOSADSD	"X'10'" DSID= 3540 DISKETTE ID
		.... 1...		IQOSAW	"X'08'" W=? WRITER NAMES
		.... .1..		IQOSAST	"X'04'" ST=? SPECIFIC TYPE
		.... ..1.		IQOSAF	"X'02'" F=? FORMS
		1		IQOSAC	"X'01'" C=? CARRIAGE TAPE/FCB
153	(99)	BITSTRING	1	IQOSAMK1	2ND BYTE
		1...		IQOSAU	"X'80'" U=? UCS
		.1..		IQOSACL	"X'40'" CL=? CLASS
		..1.		IQOSAUID	"X'20'" ID= USER ID
		...1		IQOSACH	"X'10'" CH= CHARACTER TABLE
		.... 1...		IQOSAFFL	"X'08'" FL= FORMS FLASH
		.... .1..		IQOSACMO	"X'04'" CM= COPY MODIFICATION
		.... ..1.		IQOSASTK	"X'02'" SS= STACKER
		1		IQOSADD	"X'01'" DD=? DATASET DDNAMES
154	(9A)	BITSTRING	1	IQOSAMK2	3RD BYTE
		1...		IQOSAH	"X'80'" H=? HOLD STATUS
		.1..		IQOSAPM	"X'40'" PM=? PROCESS MODE
		..1.		IQOSADG	"X'20'" DG= DEVICE GROUP 0299
		...1		IQOSATRM	"X'10'" T= TERMINAL NAME 0522
		.... 1...		IQOSAAGE	"X'08'" AGE= DATA SET AGE
		.... .1..		IQOSADSN	"X'04'" DSN= DATA SET NAME
		.... ..1.		IQOSASL	"X'02'" SL= SECLABL
		1		IQOSABT	"X'01'" BT= BDT TYPE
155	(9B)	BITSTRING	1	IQOSAMK3	4TH BYTE
		1...		IQOSABJ	"X'80'" BJ= BDT JOB NUMBER
		.1..		IQOSABG	"X'40'" BG= BDT GROUP IDENTIFIER
		..1.		IQOSABS	"X'20'" BS= BDT STATUS
		...1		IQOSAR9	"X'10'" UNUSED
		.... 1...		IQOSASD	"X'08'" SECONDARY DESTINATION D003
		.... .1..		IQOSAOTB	"X'04'" OB= OUTBIN ID 0146
		.... ..1.		IQOSAIPA	"X'02'" IP= IPADDR
		1		IQOSAFMD	"X'01'" FD= FORMDEF
Continuation of IQOSAMSK... The IQOSA2MK bit settings match those of IQOSO2MK.					
156	(9C)	BITSTRING	4	IQOSA2MK(0)	Add mask
156	(9C)	BITSTRING	1	IQOSAMK4	5th byte
		1...		IQOSAPGD	"X'80'" PD=? PAGEDEF
		.1..		IQOSACJ	"X'40'" CJ= Client job
		..1.		IQOSATT	"X'20'" TT= TCP type
		...1		IQOSATG	"X'10'" TG= TCP group identifier
		.... 1...		IQOSATS	"X'08'" TS= TCP status
		.... .1..		IQOSAOD	"X'04'" OUTDISP= Output disposition

Table 300. Structure IQOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... ..1.		IQOSA402	"X'02'" UNUSED
		1		IQOSA401	"X'01'" UNUSED
157	(9D)	BITSTRING	1	IQOSAMK5	6th byte
158	(9E)	BITSTRING	1	IQOSAMK6	7th byte
159	(9F)	BITSTRING	1	IQOSAMK7	8th byte
		The following fields define all the information that should be displayed when the INQUIRY command specifies Q=<HOLD/WTR/BDT/TCP>,REQ=ALL. These fields are OR'ed into the IQOSOMSG field in module IATIQOS in the VALIDATE subroutine.			
160	(A0)	ADDRESS	4	IQOSHREQ	OMSK FOR 'Q=HOLD,REQ=ALL'
164	(A4)	ADDRESS	4	IQOSHRQ2	Second word of OMSK
168	(A8)	ADDRESS	4	IQOSWREQ	OMSK FOR 'Q=WTR,REQ=ALL'
172	(AC)	ADDRESS	4	IQOSWRQ2	Second word of OMSK
176	(B0)	ADDRESS	4	IQOSBREQ	OMSK FOR 'Q=BDT,REQ=ALL'
180	(B4)	ADDRESS	4	IQOSBRQ2	Second word of OMSK
184	(B8)	ADDRESS	4	IQOSTREQ	OMSK for 'Q=TCP,REQ=ALL'
188	(BC)	ADDRESS	4	IQOSTRQ2	Second word of OMSK
		Bits for HLDREQ, HLDREQ2: Byte 1: priority, destination, DSID, writer name, forms, FCB Byte 2: UCS, class, user id, character table, forms flash, copy modification, stacker Byte 3: hold status, process mode, SECLABEL Byte 4: outbin id, IP address			
188	(BC)	BITSTRING	0	HLDREQ	"X'7BFEC206'" Mask for 'Q=HOLD,REQ=ALL'
		....		HLDREQ2	"X'00000000'" Second word of mask
		Bits for WTRREQ, WTRREQ2: Byte 1: priority, destination, specific type, forms, FCB Byte 2: UCS, class, user id, character table, forms flash, copy modification, stacker Byte 3: hold status, process mode, SECLABEL Byte 4: outbin id, IP address			
188	(BC)	BITSTRING	0	WTRREQ	"X'67FEC206'" Mask for 'Q=WTR,REQ=ALL'
		....		WTRREQ2	"X'00000000'" Second word of mask
		Bits for BDTREQ, BDTREQ2: Byte 1: job name and number, priority Byte 2: none Byte 3: hold status, BDT type Byte 4: BDT job number, BDT group, BDT status			
188	(BC)	BITSTRING	0	BDTREQ	"X'C00081E0'" Mask for 'Q=BDT,REQ=ALL'
		....		BDTREQ2	"X'00000000'" Second word of mask
		Bits for TCPREQ, TCPREQ2: Byte 1: job name and number, priority Byte 2: none Byte 3: hold status Byte 4: none Byte 5: TCP type, TCP group, TCP status			
188	(BC)	BITSTRING	0	TCPREQ	"X'C0008000'" Mask for 'Q=TCP,REQ=ALL'

Table 300. Structure IQOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		....		TCPREQ2	"X'38000000'" Second word of mask
192	(C0)	SIGNED	4	IQOSRQAD	RQ ADDRESS
196	(C4)	CHARACTER	16	IQOSNODM	INDICATOR FOR DDNAME NAVAIL
212	(D4)	CHARACTER	10	IQOSWORK	WORK AREA
STORAGE FOR INFORMATION GIVEN ON THE COMMAND. KEYWORD					
224	(E0)	SIGNED	4	(0)	
224	(E0)	BITSTRING	8	IQOSBG	BG= BDT GROUP IDENTIFIER
232	(E8)	BITSTRING	8	IQOSBS	BS= BDT STATUS
240	(F0)	BITSTRING	8	IQOSBT	BT= BDT TYPE
248	(F8)	CHARACTER	8	IQOSTG	TG= TCP group ident
256	(100)	CHARACTER	8	IQOSTS	TS= TCP status
264	(108)	CHARACTER	8	IQOSTT	TT= TCP type
272	(110)	BITSTRING	8	IQOSCTAP	C= CARRIAGE TAPE/ FCB ID
280	(118)	BITSTRING	4	IQOSBJ	BJ= BDT JOB NUMBER
284	(11C)	BITSTRING	4		PADDING
288	(120)	BITSTRING	1	IQOSCLS	CL= SYSOUT CLASS
289	(121)	BITSTRING	3		PADDING
292	(124)	BITSTRING	4	IQOSCH(4)	CH= CHARS
308	(134)	BITSTRING	4	IQOSCM	CM= COPY MODIFICATION
308	(134)	X'138'	0	IQOSRC	"IQOSCM+4,1,X'00'"
313	(139)	BITSTRING	3		PADDING
316	(13C)	BITSTRING	8	IQOSCONS	CONS= CONSOLE NAME
324	(144)	CHARACTER	8	IQOSCART	CART of the command issuer

Table 300. Structure IQOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description

```
QOSCNS IATYCNDB DSECT=NO CONS= RESP CONSOLE'S CNDB
   IATYCNDB_1:;
   START OF SPECIFICATIONS
  01 PROPRIETARY STATEMENT=
    PROPRIETARY_STATEMENT
    LICENSED MATERIALS - PROPERTY OF IBM
    5647-A01 COPYRIGHT IBM CORP. 1989, 2010
    STATUS= HJS7770
    END_OF_PROPRIETARY_STATEMENT
      This data area is maintained as a CASE mapping macro.
      Changes should be made to the CASE source and then
      the PLX and Assembler should be regenerated.
      Do NOT make changes to the PLX or Assembler directly!
  01 Descriptive Name: Console Destination Block
        Acronym: CNDB
  01 Macro Name: IATYCNDB
  01 DSECT name: IATYCNDB
        --based variable for storage mapping
  01 Component: JES3 (SC1BA)
  01 Function:
  02 The console destination block is a control block that
        contains information related to the destination that
        messages should be sent to. This control block is built
        as commands are entered into to the system and is used by
        command processors as a destination for where to return
        messages to. The control block is imbeded in other
        control blocks and the size of the data area must not
        change (otherwise a JES3 cold start is required). The
        data is referenced by non-source maintained modules, so
        offsets into the data area must not change.
  01 Eye-Catcher: CNDBEYE
  02 Offset: 4
  02 Length: 4
  01 Language: PL/X
  01 Storage attributes:
  02 Allocation Method: Imbeded within other control blocks
  02 Main Storage: 94
  02 Virtual Storage: 94
  02 Auxiliary Storage: 94
  02 Subpool: n/a
  02 Key: 1
  02 Data Space: N/A
  02 Residency: any
  02 Frequency: n/a
  02 Size: 94
  02 Created by: n/a
  02 Deleted by: n/a
```

```
  02 Pointed to by: Imbeded within other control blocks
  02 Serialization: none
  01 EXTERNAL CLASSIFICATION: DMTI
  01 END OF EXTERNAL CLASSIFICATION:
  01 Method Of access:
  02 ASM: IATYCNDB
  02 PLX: %INCLUDE SYSLIB(IATYCNDB)
  01 CHANGE ACTIVITY:
      $QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support
      $RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init
      $T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0
       CASE/390 - VERSION 49
   END OF SPECIFICATIONS
```

332	(14C)	SIGNED	4	IQOSCNS(0)	IATYCNDB.27: based variable for storage mapping
332	(14C)	SIGNED	4		Four byte console id 0176
336	(150)	CHARACTER	4		IATYCNDB eyecatcher
340	(154)	ADDRESS	4		IATYCNDB version
344	(158)	BITSTRING	8		Reserved for development
352	(160)	BITSTRING	8		Console Name 0176
360	(168)	BITSTRING	24		Reserved for development
384	(180)	SIGNED	2		Reserved for development
386	(182)	BITSTRING	40		Reserved for development

Table 300. Structure IQOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
QOSCNSL IATYCNDB DSECT=NO ORIGINAT'G CONS CNDB IATYCNDB_1:;					
428	(1AC)	SIGNED	4	IQOSCNSL(0)	IATYCNDB.27: based variable for storage mapping
428	(1AC)	SIGNED	4		Four byte console id 0176
432	(1B0)	CHARACTER	4		IATYCNDB eyecatcher
436	(1B4)	ADDRESS	4		IATYCNDB version
440	(1B8)	BITSTRING	8		Reserved for development
448	(1C0)	BITSTRING	8		Console Name 0176
456	(1C8)	BITSTRING	24		Reserved for development
480	(1E0)	SIGNED	2		Reserved for development
482	(1E2)	BITSTRING	40		Reserved for development
522	(20A)	BITSTRING	8	IQOSDEST	D= DESTINATION
530	(212)	BITSTRING	24	IQOSDDN	DD= DATASET NAME WITHOUT PERIODS (DDNAME)
THE FOLLOWING FIVE FIELDS DEFINE THE DATA SET NAME AS BROKEN INTO THE 5 STRUCTURED FIELDS. THEY ARE USED AS INPUT TO THE JDSGET MACRO, THEY MUST REMAIN IN ORDER.					
554	(22A)	BITSTRING	1	IQOSDSN(0)	
554	(22A)	BITSTRING	8	IQOSDSNU	USERID (IN JDS)
562	(232)	BITSTRING	8	IQOSDSNN	JOB NAME (IN JDS)
570	(23A)	BITSTRING	8	IQOSDSNJ	JOBID (IN JDS)
578	(242)	BITSTRING	8	IQOSDSNB	DS NUMBER (IN JDS)
586	(24A)	BITSTRING	8	IQOSDSNM	DS NAME (IN JDS) END OF DSNAME LIST
594	(252)	CHARACTER	26	IQOSSVDD	DD= DATASET NAME AS GIVEN ON THE COMMAND (DDNAME)
620	(26C)	CHARACTER	44	IQOSSVDS	DSN= DATASET NAME AS GIVEN ON COMMAND
664	(298)	SIGNED	2		PADDING
666	(29A)	BITSTRING	8	IQOSDST2	SECONDARY DESTINATION D003
674	(2A2)	BITSTRING	8	IQOSDSID	DSID= DATA SET ID
682	(2AA)	BITSTRING	8	IQOSFORM	F= FORMS
690	(2B2)	BITSTRING	4	IQOSFL	FL= FLASH
694	(2B6)	BITSTRING	1	IQOSHOLD	H= INPUT PARAMETER
695	(2B7)	BITSTRING	1	IQOSHTYP	HOLD TYPE
696	(2B8)	SIGNED	2	IQOSPAD	PADDING D014
698	(2BA)	CHARACTER	8	IQOSAPPC	APPC= TPNAME,TPID, OR '?'
706	(2C2)	BITSTRING	8	IQOSUSID	ID= USER ID
714	(2CA)	BITSTRING	8	IQOSJOB	J= JOB IDENTIFIER
724	(2D4)	SIGNED	4	IQOSJOBB	BINARY JOB NUMBER
728	(2D8)	BITSTRING	8	IQOSLINE	L= LINE COUNT IN CHAR
736	(2E0)	SIGNED	4	IQOSLNCT	L= LINE COUNT IN DEC
740	(2E4)	BITSTRING	8	IQOSBYTE	BY= Byte count in char
748	(2EC)	SIGNED	4	IQOSBYCT	BY= Byte count in dec
752	(2F0)	SIGNED	4	IQOSCNT	N= SET TO DEFAULT LINE COUNT AT BEGINNING
756	(2F4)	BITSTRING	1	IQOSPRTY	P= PRIORITY IN DECIMAL

Table 300. Structure IQOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
757	(2F5)	BITSTRING	3	IQOSPTY	P= PRIORITY IN CHAR
760	(2F8)	BITSTRING	8	IQOSPAGE	PG= PAGE COUNT IN CHAR
768	(300)	SIGNED	4	IQOSPGCT	PG= PAGE COUNT IN DEC
772	(304)	BITSTRING	8	IQOSPM	PM= PROCESS MODE
780	(30C)	BITSTRING	4	IQOSQUE	Q= QUE TO SEARCH
784	(310)	SIGNED	2	IQOSSEQ	S= SET TO DEFAULT DD SEQUENCE NUM AT BEG
786	(312)	BITSTRING	8	IQOSSL	SL= SECLABL
794	(31A)	BITSTRING	1	IQOSSS	SS= STACKER
795	(31B)	BITSTRING	1	IQOSODSP	OUTDISP= Output disposition
796	(31C)	BITSTRING	8	IQOSDG	DG= GROUP NAME 0299
804	(324)	BITSTRING	4	IQOSUCS	U= UCS ID
808	(328)	BITSTRING	8	IQOSWNAM	W= EXT WTR NAME
816	(330)	SIGNED	4	IQOSAGE	TEMP AREA FOR AGE CALCS
820	(334)	SIGNED	4	IQOSTOD	TARGET TOD VALUE
824	(338)	SIGNED	4	IQOSSCNT	DATA SETS SELECTED COUNT
828	(33C)	SIGNED	4	IQOSBDTS	BDT JOBS SELECTED COUNT
832	(340)	SIGNED	4	IQOSTCPS	TCP/IP jobs selected count
836	(344)	BITSTRING	4	IQOSOTBN	OB= OUTBIN ID 0146
840	(348)	CHARACTER	124	IQOSIPDR	IP= IPADDR
964	(3C4)	CHARACTER	6	IQOSPGDF	PD= Pagedef
970	(3CA)	CHARACTER	6	IQOSFRDF	FD= Formdef
976	(3D0)	CHARACTER	8	IQOSCJ	CJ= Client job name, client job id, "Y", "N", or "?"
984	(3D8)	CHARACTER	8	IQOSCJID	CJID= Client job id, "Y", or "N"
992	(3E0)	CHARACTER	8	IQOSCJNM	CJNM= Client job name
1000	(3E8)	DBL WORD	8	IQOSOSTP	IATXOST resume point info 06357SUA
1008	(3F0)	SIGNED	4	IQOSRSV1(8)	Reserved for IBM 06357SUC
THE FOLLOWING VALUES ARE FROM THE CHART IN THE POP UNDER THE SECTION "SETTING AND INSPECTING THE CLOCK". THEY REPRESENT VALUES FOR THE SYSTEM TOD CLOCK FOR VARIOUS TIME INTERVALS. THEY ARE ALL BASED ON A BASE DATE OF 1/1/1900.					
1040	(410)	SIGNED	4	(0)	ALLIGN ON FULLWORD
1040	(410)	BITSTRING	4	IQOSTODD	CLOCK UNITS/DAY
1044	(414)	BITSTRING	4	IQOSTODH	CLOCK UNITS/HOUR
1048	(418)	BITSTRING	8	IQOSTYPE(0)	TYPE FIELDS
1048	(418)	BITSTRING	3	IQOSGTYP	GT= GENERAL TYPE
1051	(41B)	BITSTRING	5	IQOSSTYP	ST= SPECIFIC TYPE
Equates for OUTDISP values in IQOSODSP. The output disposition equates must match the equates for OSEODISP in IATYOSE.					
		1...		IQOSODWV	"X'80'" WRITE output disposition
		.1..		IQOSODHV	"X'40'" HOLD output disposition
		..1.		IQOSODKV	"X'20'" KEEP output disposition
		...1		IQOSODLV	"X'10'" LEAVE output disposition
		.... 1...		IQOSODPV	"X'08'" PURGE output disposition

Table 300. Structure IQOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... .1..		IQOSOD04	"X'04'" Reserved for IBM
		.... ..1.		IQOSOD02	"X'02'" Reserved for IBM
		1		IQOSODNV	"X'01'" Match data sets with no output disposition set

```
IATXCNDB LIST FORM
IATXCNDB MF=(L,IQOSXCDB)
             MACDATE -94/10/04-<3>
```

0	(0)	X'420'	0	M00M0005	"IQOSXCDB" ++ IATXCNDB NAME
1056	(420)	DBL WORD	8	IQOSXCDB(0)	++ IATXCNDB PARM LIST
1056	(420)	BITSTRING	1	IQOSXCDB_XVERSION	++ INPUT XVERSION
1057	(421)	CHARACTER	6	IQOSXCDB_XEYECATCH	++ CONSTANT
1063	(427)	BITSTRING	2	IQOSXCDB_XFLAG1	++ FIELD_LABEL
1063	(427)	BITSTRING	0	IQOSXCDB_XOPERATION_INITIALIZE	
					"B'1000000000000000'" ++ XOPERATION.INITIALIZE KEYWORD
1063	(427)	BITSTRING	0	IQOSXCDB_XOPERATION_TRANSFER	
					"B'0100000000000000'" ++ XOPERATION.TRANSFER KEYWORD
1063	(427)	BITSTRING	0	IQOSXCDB_XOPERATION_UPDATE	"B'0010000000000000'" ++ XOPERATION.UPDATE KEYWORD
1063	(427)	BITSTRING	0	IQOSXCDB_XOPERATION_RESET	"B'0001000000000000'" ++ XOPERATION.RESET KEYWORD
1063	(427)	BITSTRING	0	IQOSXCDB_XOPERATION_VERIFY	"B'0000100000000000'" ++ XOPERATION.VERIFY KEYWORD
1063	(427)	BITSTRING	0	IQOSXCDB_XOPERATION_TRANSCONSID	
					"B'0000010000000000'" ++ XOPERATION.TRANSCONSID KEYWORD
1063	(427)	BITSTRING	0	IQOSXCDB_XOPERATION_TRANSROUT	
					"B'0000001000000000'" ++ XOPERATION.TRANSROUT KEYWORD
1063	(427)	BITSTRING	0	IQOSXCDB_XOPERATION_EXTRACTCONSID	
					"B'0000000100000000'" ++ XOPERATION.EXTRACTCONSID KEYWORD
		1...		IQOSXCDB_XOPERATION_EXTRACTCONSNAME	
					"B'0000000010000000'" ++ XOPERATION.EXTRACTCONSNAME KEYWOR
		.1..		IQOSXCDB_XOPERATION_EXTRACTCONSTYPE	
					"B'0000000001000000'" ++ XOPERATION.EXTRACTCONSTYPE KEYWOR
		..1.		IQOSXCDB_XOPERATION_EXTRACTROUT	
					"B'0000000000100000'" ++ XOPERATION.EXTRACTROUT KEYWORD
		...1		IQOSXCDB_XOPERATION_EXTRACTCART	
					"B'0000000000010000'" ++ XOPERATION.EXTRACTCART KEYWORD
1065	(429)	BITSTRING	1	IQOSXCDB_XABEND	++ INPUT
		1...		IQOSXCDB_XABEND_YES	"B'10000000'" ++ XABEND.YES KEYWORD
		.1..		IQOSXCDB_XABEND_NO	"B'01000000'" ++ XABEND.NO KEYWORD
1066	(42A)	BITSTRING	1	IQOSXCDB_XUSERADDR	++ FIELD_LABEL
1067	(42B)	CHARACTER	1	IQOSXCDB_XRSV001	++ RESERVED

Table 300. Structure IQOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1068	(42C)	ADDRESS	4	IQOSXCDB_XCNDB	++
1072	(430)	ADDRESS	4	IQOSXCDB_XOUTCNDB	++
1076	(434)	ADDRESS	4	IQOSXCDB_XINCNDB	++
1080	(438)	ADDRESS	4	IQOSXCDB_XCONSNM	++
1084	(43C)	ADDRESS	4	IQOSXCDB_XCONSID	++
1088	(440)	ADDRESS	4	IQOSXCDB_XOUTCONSID	++
1092	(444)	CHARACTER	2	IQOSXCDB_XRSV002	++ RESERVED
1094	(446)	BITSTRING	1	IQOSXCDB_XFLAG2	++ FIELD_LABEL
		1...		IQOSXCDB_XCMDIND_YES	"B'10000000'" ++ XCMDIND.YES KEYWORD
		.1..		IQOSXCDB_XCMDIND_NO	"B'01000000'" ++ XCMDIND.NO KEYWORD
1095	(447)	BITSTRING	1	IQOSXCDB_XKEYS	++ FIELD_LABEL
		1...		IQOSXCDB_KEYUSED_CMDIND	"B'10000000'" ++ KEYUSED.CMDIND KEYWORD
1096	(448)	ADDRESS	4	IQOSXCDB_XROUT	++
1100	(44C)	ADDRESS	4	IQOSXCDB_XCART	++
1104	(450)	ADDRESS	4	IQOSXCDB_XOUTCONSNAME	++
1108	(454)	ADDRESS	4	IQOSXCDB_XOUTCONSTYPE	++
1112	(458)	ADDRESS	4	IQOSXCDB_XOUTROUT	++
1116	(45C)	ADDRESS	4	IQOSXCDB_XOUTCART	++
1116	(45C)	X'40'	0	IQOSXCDBL	"*-IQOSXCDB" ++ LENGTH OF PLIST
				IATXCNDB-3	
1120	(460)	BITSTRING	1	IQOSXCTP	XCNDB EXTRACTED CONSOLE TYPE
				IATXCSIF LIST FORM IATXCSIF MF=(L,IQSXCSIF) GENERATE LIST FORM MACDATE -94/03/21-<0>	
0	(0)	X'468'	0	M00M0008	"IQSXCSIF" ++ IATXCSIF NAME
1128	(468)	DBL WORD	8	IQSXCSIF(0)	++ IATXCSIF PARM LIST
1128	(468)	BITSTRING	1	IQSXCSIF_XVERSION	++ INPUT XVERSION
1129	(469)	CHARACTER	6	IQSXCSIF_XEYECATCH	++ CONSTANT
1135	(46F)	CHARACTER	1	IQSXCSIF_XRSV0001	++ RESERVED
1136	(470)	ADDRESS	4	IQSXCSIF_XPARMLIST	++
1136	(470)	X'C'	0	IQSXCSIFL	"*-IQSXCSIF" ++ LENGTH OF PLIST
				IATXCSIF-0 IATXCSIF PARMLIST	
1140	(474)	SIGNED	4	IQOSXCSP(0)	XCSIF PARMLIST AREA
1140	(474)	ADDRESS	4	IQOSXCSN	WORD 1: ADDRESS OF CONSOLE ...NAME AREA
1144	(478)	ADDRESS	4	IQOSXCSC	WORD 2: ADDRESS OF OUTPUT ...CNDB AREA
				MESSAGE WORK AREA $T6=z1.13.0 HJS7780 110309 PD0TN: z 1.13.0	
1148	(47C)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
1148	(47C)	ADDRESS	4	IQOSOUTM	Text Address
1152	(480)	BITSTRING	2		Destination Disp and Mask

Table 300. Structure IQOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1154	(482)	BITSTRING	1		ACTION flag
1155	(483)	ADDRESS	1		Options Flag
1156	(484)	BITSTRING	2		Descriptor Codes
1158	(486)	SIGNED	2		Reserved 2 Bytes
1160	(488)	BITSTRING	17		Routing Codes
1177	(499)	BITSTRING	1	(3)	Reserved
1180	(49C)	BITSTRING	1	(8)	Jobid
1188	(4A4)	BITSTRING	1	(8)	Jobname
1196	(4AC)	BITSTRING	1	(8)	Key
1204	(4B4)	ADDRESS	4		CNDB Address 1
1208	(4B8)	ADDRESS	4		CNDB Address 2
1212	(4BC)	ADDRESS	4		CNDB Address 3
1216	(4C0)	ADDRESS	4		CNDB Address 4
1220	(4C4)	ADDRESS	4		CNDB Address 5
1224	(4C8)	ADDRESS	4		MLWO Address
1228	(4CC)	BITSTRING	1	IQOSOMSG(98)	OUTPUT MESSAGE AREA
1228	(4CC)	X'262'	0	IQOSLMSG	"610" LENGTH OF MESSAGE AREA
1838	(72E)	CHARACTER	20	IQOSMGTT	SAVE AREA FOR VARIABLE 0399 PORTION OF MESSAGE IAT8121
1858	(742)	BITSTRING	1	IQOSFLG1	FLAG BYTE
		DEFINITION OF IQOSFLG1			
		1...		IQOSCNTF	"X'80'" N= HAS BEEN SPECIFIED
		.1..		IQOSERIN	"X'40'" ERROR ON INPUT COMMAND
		..1.		IQOSEND	"X'20'" TERMINAL ERROR ON INPUT CMD
		...1		IQOSDDS	"X'10'" S= HAS BEEN SPECIFIED
		.... 1...		IQOSREQ	"X'08'" REQ= HAS BEEN SPECIFIED
		.... .1..		IQOSREQA	"X'04'" 'REQ=ALL' SPECIFIED
		.... ..1.		IQOSERRR	"X'02'" INDICATE FIRST RETRY ATTEMPT
		1		IQOSJOBF	"X'01'" INDICATE JOB FOUND
1859	(743)	BITSTRING	1	IQOSFLG2	FLAG BYTE
		DEFINITION OF IQOSFLG2			
		1...		IQOSPCH	"X'80'" CH=(
		.1..		IQOSLOST	"X'40'" DQE NOT BUILT
		..1.		IQOSELK	"X'20'" OSE LOCK (RQOSELK) HELD
		...1		IQOSJCTR	"X'10'" JCT READ IN PROGRESS
		.... 1...		IQOSSUM	"X'08'" SUMMARY MESSAGE ONLY
		.... .1..		IQOSHLDD	"X'04'" DD= OR DSN= REQUIRED TO ACCESS OSE FOR HOLD TYPES
		.... ..1.		IQOSJDBS	"X'02'" CALL TO IATIQOM AS A RESULT OF A BUSY RETURN FROM JDSGET MACRO
		1		IQOSMHLD	"X'01'" H= PARMS Y OR N IN PARENS 0043
1860	(744)	BITSTRING	1	IQOSFLG3	FLAG BYTE
		DEFINITION OF IQOSFLG3			

Table 300. Structure IQOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		IQOSWTR	"X'80'" SELECT WRITER QUEUE Q=WTR
		.1..		IQOSHLD	"X'40'" SELECT HOLD QUEUE Q=HOLD
		..1.		IQOSBDT	"X'20'" SELECT BDT QUEUE Q=BDT
		...1		IQOSTCP	"X'10'" Select TCP queue Q=TCP
1860	(744)	X'F0'	0	IQOSQVAL	"IQOSWTR+IQOSHLD+IQOSBDT+IQOSTCP" Valid queue selection bits
1861	(745)	BITSTRING	1	IQOSFLG4	FLAG BYTE FOUR
		DEFINITION OF IQOSFLG4			
		1...		IQOSNAVL	"X'80'" NAVAIL RETURN FROM JDSGET
		.1..		IQOSDNUM	"X'40'" DSN=...DSNUMBER WAS GIVEN
		..1.		IQOSMEND	"X'20'" INDICATES LAST SEGMENT OF MESSAGE PROCESSED
		...1		IQOSPREN	"X'10'" PARENTHESIS USED IN KEYWORD PARAMETER AREA
		.... 1...		IQOSOBV	"X'08'" OUTBIN ID SPECIFIED ON 0146 *I U COMMAND 0146
		.... .1..		IQOSINCL	"X'04'" TCP or BDT stream included in JES3 job count
		11		IQOSF43F	"X'03'" Reserved for IBM
1862	(746)	CHARACTER	8	IQOSEJNM	Error job name
1870	(74E)	CHARACTER	8	IQOSEJID	Error job id
1880	(758)	SIGNED	4	IQOSRSVD	Reserved for IBM
1884	(75C)	SIGNED	4	IQOSBFN4	Sequence number of current OSE
1888	(760)	BITSTRING	1	IQOSFLG5	FLAG FIVE
		DEFINITION OF IQOSFLG5			
		1...		IQOSLNMI	"X'80'" Lines minus option
		.1..		IQOSPGMI	"X'40'" Pages minus option
		..1.		IQOSBYMI	"X'20'" Bytes minus option
		...1		IQOSSPIP	"X'10'" Specific IPADDR on input
		.... 1...		IQOSBJS	"X'08'" BJ= SPECIFIED
		.... .1..		IQOSDSDD	"X'04'" DD= OR DSN= REQUIRED WHEN SECONDARY DESTINATION INFORMATION IS REQUESTED
		.... ..1.		IQOSJOB0	"X'02'" JOB 0 COUNTED IN SUMMARY
		1		IQOSSWBR	"X'01'" SWB has been read in
1889	(761)	BITSTRING	1	IQOSFLG6	FLAG SIX
		DEFINITION OF IQOSFLG6			
		1...		IQOSAPCY	"X'80'" APPC=Y WAS CODED
		.1..		IQOSAPCN	"X'40'" APPC=N WAS CODED
		..1.		IQOSAPCT	"X'20'" APPC=TPNAME WAS CODED
		...1		IQOSAPCI	"X'10'" APPC=TPID WAS CODED
		.... 1...		IQOSAPCQ	"X'08'" APPC=? WAS CODED
		.... .1..		IQOSAPCD	"X'04'" DD= OR DSN= WAS CODED
1890	(762)	BITSTRING	1	IQOSFLG7	Flag seven

Table 300. Structure IQOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		Definition of IQOSFLG7			
		1...		IQOSCJY	"X'80'" CJ=Y was coded
		.1..		IQOSCJN	"X'40'" CJ=N was coded
		..1.		IQOSCJQ	"X'20'" CJ=? was specified
		...1		IQOSCJS	"X'10'" Specific CJ was coded
		.... 1...		IQOSCJIY	"X'08'" CJID=Y was coded
		.... .1..		IQOSCJIN	"X'04'" CJID=N was coded
		.... ..1.		IQOSCJIS	"X'02'" Specific CJID was coded
		1		IQOSCJNS	"X'01'" Specific CJNM was coded
1891	(763)	BITSTRING	1	IQOSFLG8	Flag eight
		Definition of IQOSFLG8			
		1...		IQOSRDER	"X'80'" JESREAD error
		.1..		IQOSF840	"X'40'" Reserved for IBM
		..1.		IQOSF820	"X'20'" Reserved for IBM
		...1		IQOSF810	"X'10'" Reserved for IBM
		.... 1...		IQOSF808	"X'08'" Reserved for IBM
		.... .1..		IQOSF804	"X'04'" Reserved for IBM
		.... ..1.		IQOSF802	"X'02'" Reserved for IBM
		1		IQOSF801	"X'01'" Reserved for IBM
1892	(764)	BITSTRING	2	IQOSRSV2	Reserved for IBM
		DATA QUEUE ELEMEMT (DQE) THE DATA QUEUE ELEMENT (DQE) REPRESENTS WHAT INFORMATION WILL BE DISPLAYED IN MESSAGE IAT8131. MODULE IATIQOI REQUIRES THAT THE FIRST FIELD IN THE DQE BE IQOSQCHN.			
1896	(768)	SIGNED	4	IQOSQST1(0)	ALIGNMENT
1896	(768)	SIGNED	4	IQOSQCHN	CHAIN FIELD (MUST BE FIRST)
1900	(76C)	CHARACTER	4	IQOSQID	DATA QUEUE IDENTIFIER
1904	(770)	SIGNED	4	IQOSQLNS	L= LINE COUNT
1908	(774)	SIGNED	4	IQOSQPGS	PG= PAGE COUNT
1912	(778)	SIGNED	4	IQOSQRCD	SR= SPOOL RECORD COUNT
1916	(77C)	SIGNED	4	IQOSQBYT	BY= Byte count
1920	(780)	BITSTRING	1	IQOSQST2(0)	
1920	(780)	BITSTRING	4	IQOSQCH(4)	CH= CHARS
1936	(790)	BITSTRING	24	IQOSQDDN	DD= DDNAME (WO/DOTS)
1960	(7A8)	BITSTRING	40	IQOSQDSN(0)	DSN= DSNAME (WO/DOTS)
1960	(7A8)	BITSTRING	8	IQOSQDSU	USERID (FROM RQ)
1968	(7B0)	BITSTRING	8	IQOSQDSE	JOB NAME (FROM RQ)
1976	(7B8)	BITSTRING	8	IQOSQDSJ	JOBNUM (FROM RQ)
1984	(7C0)	BITSTRING	8	IQOSQDSD	DSNUM (FROM JDS)
1992	(7C8)	BITSTRING	8	IQOSQDSM	DSNAME (FROM JDS)
2000	(7D0)	BITSTRING	8	IQOSQBG	BG= BDT GROUP IDENTIFIER
2008	(7D8)	BITSTRING	8	IQOSQBS	BS= BDT STATUS
2016	(7E0)	BITSTRING	8	IQOSQBT	BT= BDT TYPE

Table 300. Structure IQOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2024	(7E8)	BITSTRING	8	IQOSQBJ	BJ= BDT JOB NUMBER
2032	(7F0)	CHARACTER	8	IQOSQTG	TG= TCP group ident
2040	(7F8)	CHARACTER	8	IQOSQTS	TS= TCP status
2048	(800)	CHARACTER	8	IQOSQTT	TT= TCP type
2056	(808)	BITSTRING	8	IQOSQCTP	C= CARRIAGE TAPE/FCB
2064	(810)	BITSTRING	8	IQOSQDST	D= DESTINATION
2072	(818)	BITSTRING	8	IQOSQSDT	SECONDARY DEST D003
2080	(820)	BITSTRING	8	IQOSQDSI	DSID= DSID
2088	(828)	BITSTRING	8	IQOSQFRM	F= FORMS
2096	(830)	BITSTRING	8	IQOSQUID	ID= USER ID
2104	(838)	BITSTRING	8	IQOSQNAM	J= JOB NAME
2112	(840)	BITSTRING	8	IQOSQPM	PM= PROCESS MODE
2120	(848)	BITSTRING	8	IQOSQTYP	GT=/ST= DEVICE TYPE
2128	(850)	BITSTRING	8	IQOSQDG	DG= DEVICE GROUP 0299
2136	(858)	BITSTRING	8	IQOSQWNM	W= EXTERNAL WRITER NAME
2144	(860)	BITSTRING	4	IQOSQFL	FL= FLASH
2148	(864)	BITSTRING	4	IQOSQUCS	U= UCS ID
2152	(868)	BITSTRING	4	IQOSQCM	CM= COPY MODIFICATION
2152	(868)	X'86C'	0	IQOSQRC	"IQOSQCM+4,1,X'00'" REFERENCE CHARACTER
2157	(86D)	CHARACTER	1	IQOSQCLS	CL= SYSOUT CLASS
2158	(86E)	BITSTRING	1	IQOSQCPY	COPY= COPY COUNT
2159	(86F)	BITSTRING	1	IQOSQHLD	H= HOLD STATUS
2160	(870)	BITSTRING	1	IQOSQHTP	HOLD TYPE FOR DQE
2161	(871)	BITSTRING	2	IQOSQRSV	RESERVED FOR DEVELOPMENT
2163	(873)	BITSTRING	1	IQOSQRSN	REASON FOR HOLD FOR DQE
2164	(874)	BITSTRING	8	IQOSQMID	FSS/FSA RELDS MESSAGE ID D011
2172	(87C)	SIGNED	2	IQOSQSEQ	S= DDNAME SEQUENCE NUMBER
2174	(87E)	BITSTRING	8	IQOSQSL	SL= SECLABL
2182	(886)	BITSTRING	1	IQOSQSS	SS= STACKER
2183	(887)	ADDRESS	1	IQOSQPTY	P= PRIORITY
2184	(888)	SIGNED	4	IQOSQNUM	J= Job number
2188	(88C)	BITSTRING	8	IQOSQCLK(0)	
2188	(88C)	SIGNED	4	IQOSQAGD	AGE= AGE IN DAYS
2192	(890)	SIGNED	4	IQOSQAGH	AGE= AGE IN HOURS
2196	(894)	CHARACTER	8	IQOSQAPT	APPC= TPNAME D014
2204	(89C)	CHARACTER	8	IQOSQAPI	APPC= TPID
2212	(8A4)	BITSTRING	4	IQOSQOTB	OB= OUTBIN ID 0146
2216	(8A8)	CHARACTER	124	IQOSQIPA	IP= IPADDR
2340	(924)	CHARACTER	6	IQOSQPGD	PD= Pagedef
2346	(92A)	CHARACTER	6	IQOSQFRD	FD= Formdef
2352	(930)	CHARACTER	8	IQOSQCJI	CJ= Client job id
2360	(938)	CHARACTER	8	IQOSQCJN	CJ= Client job name
2368	(940)	CHARACTER	5	IQOSQOD	OUTDISP= Output disposition
2373	(945)	BITSTRING	1	IQOSQFLG	QUEUE FLAG BYTE
		1...		IQOSQPTF	"X'80'" PRIORITY FIELD VALID

Table 300. Structure IQOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.1..		IQOSQCNT	"X'40'" LINE/PAGE COUNT VALID
		..1.		IQOSQNOD	"X'20'" NO ENTRIES ARE DUPLICATE
		...1		IQOSQNDD	"X'10'" NO DDN'S- JDS BUSY
		.... 1...		IQOSQSEP	"X'08'" OSE QUEUED SEPARATELY
		.... .1..		IQOSQOSE	"X'04'" OSE FOUND FOR REQ=?
		.... ..1.		IQOSQAGE	"X'02'" DATA SET AGET EXISTS
		1		IQOSQAPC	"X'01'" APPC SHOULD BE DISPLAYED
2374	(946)	BITSTRING	1	IQOSQFL2	QUEUE FLAG BYTE D014
		1...		IQOSQSKP	"X'80'" SKIP THIS DQE D014
		.1..		IQOSQOTS	"X'40'" OUTBIN ID FOUND IN OSE 0146
		..1.		IQOSQCJ	"X'20'" CJ should be displayed
2376	(948)	SIGNED	4	IQOSQND(0)	
1896	(768)	BITSTRING	0	IQOSQ(0)	
1920	(780)	BITSTRING	0	IQOSQDTA(0)	
		IATYWSP TYPE=F Embedded WSP IATYEQU JES3 STANDARD EQUATES JES3 STANDARD EQUATES 01 Change Activity: $TA= z2.1.0 HJS7790 110523 PD0PK: z 2.1.0 GENERAL EQUATES			
2376	(948)	X'0'	0	NOP	"0" NO OPERATION
2376	(948)	X'F'	0	ALWAYS	"15" Unconditional branch 0084
		1111 1111		FF	"X'FF'" ALL BITS ON
2376	(948)	X'F0'	0	CHARZERO	"C'0'" CHARACTER ZERO
2376	(948)	X'F9'	0	CHARNINE	"C'9'" CHARACTER NINE
2376	(948)	X'C1'	0	CHARA	"C'A'" CHARACTER A
2376	(948)	X'C6'	0	CHARF	"C'F'" CHARACTER F
2376	(948)	X'6B'	0	CHARCMMA	"C','" CHARACTER COMMA
		AFTER COMPARE INSTRUCTIONS			
2376	(948)	X'2'	0	GT	"2" A HIGH
2376	(948)	X'4'	0	LT	"4" A LOW
2376	(948)	X'7'	0	NE	"7" A NOT EQUAL B
2376	(948)	X'8'	0	EQ	"8" A EQUAL B
2376	(948)	X'B'	0	GE	"11" A NOT LOW
2376	(948)	X'D'	0	LE	"13" A NOT HIGH
		AFTER LOGICAL INSTRUCTIONS			
2376	(948)	X'1'	0	NZNBOROW	"1" Not zero, no borrow
2376	(948)	X'1'	0	NZCARRY	"1" Not zero, carry
2376	(948)	X'4'	0	NZBORROW	"4" Not zero, borrow
2376	(948)	X'4'	0	NZNCARRY	"4" Not zero, no carry
2376	(948)	X'5'	0	LNZERO	"5" Not zero
2376	(948)	X'2'	0	ZNBORROW	"2" Zero, no borrow
2376	(948)	X'2'	0	ZCARRY	"2" Zero, carry
2376	(948)	X'8'	0	ZBORROW	"8" Zero, borrow
2376	(948)	X'8'	0	ZNCARRY	"8" Zero, no carry

Table 300. Structure IQOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2376	(948)	X'A'	0	LZERO	"10" Zero
2376	(948)	X'C'	0	BORROW	"12" Borrow
2376	(948)	X'3'	0	NOBORROW	"3" No borrow
2376	(948)	X'3'	0	CARRY	"3" Carry
2376	(948)	X'C'	0	NOCARRY	"12" No carry
	AFTER ARITHMETIC INSTRUCTIONS				
2376	(948)	X'1'	0	OV	"1" OVERFLOW
2376	(948)	X'2'	0	PLUS	"2" PLUS
2376	(948)	X'4'	0	MINUS	"4" MINUS
2376	(948)	X'7'	0	NZERO	"7" NOT ZERO
2376	(948)	X'8'	0	ZERO	"8" ZERO
2376	(948)	X'8'	0	ZEROS	"8" ZERO
2376	(948)	X'B'	0	NMINUS	"11" NOT MINUS
2376	(948)	X'E'	0	NOV	"14" NOT OVERFLOW
2376	(948)	X'D'	0	NPLUS	"13" NOT PLUS
	AFTER TEST UNDER MASK INSTRUCTIONS				
2376	(948)	X'1'	0	ALLON	"1" ALL ON
2376	(948)	X'4'	0	MIXED	"4" MIXED
2376	(948)	X'5'	0	NALLOFF	"5" ALLON+MIXED
2376	(948)	X'8'	0	ALLOFF	"8" ALL OFF
2376	(948)	X'C'	0	NALLON	"12" ALLOFF+MIXED
	AFTER TEST AND SET INSTRUCTION				
2376	(948)	X'4'	0	LOCKED	"4" ONE I.E. LOCKED
2376	(948)	X'8'	0	UNLOCKED	"8" ZERO I.E. UNLOCKED
	AFTER LOAD REAL ADDRESS INSTRUCTION.				
2376	(948)	X'8'	0	INREAL	"8" PAGE IS IN REAL STORAGE
2376	(948)	X'7'	0	NOTIREAL	"7" PAGE NOT IN REAL STORAGE
2376	(948)	X'4'	0	SEGTBINV	"4" SEGMENT TABLE ENTRY INVALID
2376	(948)	X'2'	0	PAGTBINV	"2" PAGE TABLE ENTRY INVALID
2376	(948)	X'1'	0	LENTHINV	"1" LENGTH INVALID
	AFTER TEST PROTECTION INSTRUCTION.				
2376	(948)	X'E'	0	NTRANSNA	"14" NOT Translation not available
2376	(948)	X'D'	0	NNOACCSS	"13" NOT (Fetching not permitted; Storing not permitted)
2376	(948)	X'B'	0	NPAGPRTD	"11" NOT (Fetching permitted; Storing not permitted)
2376	(948)	X'8'	0	ALLACC	"8" Fetching permitted; Storing permitted
2376	(948)	X'7'	0	NALLACC	"7" NOT (Fetching permitted; Storing permitted)
2376	(948)	X'4'	0	PAGPRTD	"4" Fetching permitted; Storing not permitted

Table 300. Structure IQOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2376	(948)	X'2'	0	NOACCESS	"2" Fetching not permitted; Storing not permitted
2376	(948)	X'1'	0	TRANSNA	"1" Translation not available
	SYMBOLS USED FOR ACCESS REGISTER MODE				
2376	(948)	X'200'	0	ARMODON	"512" TURN ACCESS REGISTER MODE ON
2376	(948)	X'0'	0	ARMODOFF	"0" TURN ACCESS REGISTER MODE OFF
	Data Space Related Equates				
		....		DSPCMXSZ	"X'80000000'" Maximum data space size (2 Gigabytes)
	JES3 SYSTEM LIMITS				
2376	(948)	X'20'	0	J3MAXMP	"32" MAXIMUM NUMBER OF MAIN PROCESSORS IN A SINGLE JES3 COMPLEX
	TRACE TABLE SIZES ARE SPECIFIED IN BYTES				
2376	(948)	X'21000'	0	J3TRCSZ	"135168" SIZE OF EVENT TRACE TABLE
2376	(948)	BITSTRING	0	J3NUCTRC	"X'30000'" Size of Nuc path trace table
2376	(948)	X'F018'	0	J3AUXTRC	"61464" SIZE OF AUX PATH TRACE TABLE
2376	(948)	X'3FF'	0	J3TRCMAX	"1023" MAXIMUM SIZE OF USER DATA IN A TRACE ENTRY, IN WORDS
2376	(948)	X'F423F'	0	MAXIMUM_JOB_NUMBER_ALLOWED	"999999" This is the largest job number allowed in the system.
2376	(948)	X'FFFE'	0	MAXIMUM_COMPATIBLE_JOB	"65534" This is the largest job number containable in two bytes and therefore fallback-compatible with a release not supporting job numbers greater than 65534.
2376	(948)	X'FFFF'	0	ACTIVE_LIMIT	"65535" This is the largest number of JES managed or WLM managed jobs that can be concurrently active on a single main.
2376	(948)	X'7FFF'	0	MAXIMUM_JOBS_IN_DJC_NET	"32767" This is the maximum number of jobs that a single DJC net can contain.
2376	(948)	BITSTRING	0	MAX_OSE_SEQ	"X'7FFFFFFF'" Maximum OSE sequence number
2376	(948)	BITSTRING	0	MAX_SRF_SEQ	"X'FFFF'" Maximum value of SRFCNT after OW55574. This is also the maximum OSE sequence number before the introduction of the OSECNT4 field in HJS7740, 07369SZA or when compatibility 07369SZA with older releases is 07369SZA being enforced. 07369SZA
2376	(948)	BITSTRING	0	MAX_OSE_SEQ_DYNAL	"X'7FFFFF80'" Maximum value of OSECNT4 for which new SYSOUT data sets may be dynamically allocated. If a dynamic allocation is attempted when a job has OSE sequence numbers greater than this value, an abend S1FB-6E is issued.
2376	(948)	BITSTRING	0	MAX_OSE_OLD_DYNAL	"X'FFF0'" Maximum OSE sequence number 07369SZA for new dynamic alloca- 07369SZA tions when compatibility 07369SZA with older releases is 07369SZA being enforced. 07369SZA

Table 300. Structure IQOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		The following equates are all used for decisions and actions related to job limits, but specifically are used for different purposes.			
2376	(948)	BITSTRING	0	MAXIMUM_JOB_NUMBER_MASK	"X'FFFF'" This mask is used to clear the high order bytes from a word after placing a compatible job number into the low order bytes using an ICM with a mask of B'0011'.
2376	(948)	X'FFFF'	0	SPECIAL_JOB_XFFFF	"65535" As a compatible job number, indicates that the job number lives in a four byte field.
2376	(948)	X'F423F'	0	UNLIMITED_DSP_COUNT	"999999" As a DSP count this value indicates an "unlimited" count.
2376	(948)	BITSTRING	0	UNLIMITED_JOB_COUNT	"X'FFFFFFFF'" As a job count this value indicates an "unlimited" count such as a display count on certain commands with N=ALL.
2376	(948)	X'FFFF'	0	UNLIMITED_JOB_COUNT2	"65535" Same as UNLIMITED_JOB_COUNT except that it is for fields that must remain 2 bytes.
2376	(948)	X'10'	0	JOB_NUMBER_SHIFT	"16" To load a compatible job number into the low order bytes of a fullword and clear the other bytes, it is possible to ICM the job number with a mask of B'1100' and then shift it to the right using this equate. This must be done instead of clearing the target register before the ICM in cases where the target register is also a base address; e.g.: ICM R2,B'1100',xxx(R2).
		SYMBOLS USED TO SET OR CLEAR A HIGH ORDER BIT			
		....		EQUHOBON	"X'80000000'" HIGH ORDER BIT ON
2376	(948)	BITSTRING	0	EQUHOBOF	"X'7FFFFFFF'" HIGH ORDER BIT OFF
		SYMBOLS USED FOR SECURITY			
2376	(948)	X'50'	0	SECTKNLN	"80" CURRENT LENGTH OF SECURITY TOKEN
2376	(948)	X'50'	0	TKNMAPLN	"80" CURRENT LENGTH OF THE MAPPED TOKEN RETURNED FROM TOKNMAP
2376	(948)	X'F0'	0	SAFMSGSP	"240" SUBPOOL USED FOR MESSAGES 0063 RETURNED BY SAF AND USER EXITS 58 + 59
2376	(948)	X'F0'	0	SAFEXTSP	"240" SUBPOOL USED FOR RETURNING EXTRACTED INFORMATION FROM THE SECURITY PRODUCT
		Subpool shared between the IATINTK and IATNUC tasks. Storage that needs to be obtained by one task and freed by the other task should be obtained in this subpool. Subpool zero cannot be used since subpool zero is not shared between these tasks.			
2376	(948)	X'9'	0	INTK_SHARED_SUBPOOL	"9" Shared subpool
		Functional equates for the PLO instruction.			
2376	(948)	X'0'	0	PLO_CL	"0" Compare and Load, 32 bit
2376	(948)	X'1'	0	PLO_CLG	"1" Same, 64 bit
2376	(948)	X'2'	0	PLO_CLGR	"2" Same, 64 bit, some operands in registers

Table 300. Structure IQOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2376	(948)	X'3'	0	PLO_CLX	"3" Same, 128 bit
2376	(948)	X'4'	0	PLO_CS	"4" Compare and Swap, 32 bit
2376	(948)	X'5'	0	PLO_CSG	"5" Same, 64 bit
2376	(948)	X'6'	0	PLO_CSGR	"6" Same, 64 bit, some operands in registers
2376	(948)	X'7'	0	PLO_CSX	"7" Same, 128 bit
2376	(948)	X'8'	0	PLO_DCS	"8" Double Compare and Swap, 32 bit
2376	(948)	X'9'	0	PLO_DCSG	"9" Same, 64 bit
2376	(948)	X'A'	0	PLO_DCSGR	"10" Same, 64 bit, some operands in registers
2376	(948)	X'B'	0	PLO_DCSX	"11" Same, 128 bit
2376	(948)	X'C'	0	PLO_CSST	"12" Compare and Swap and Store, 32 bit
2376	(948)	X'D'	0	PLO_CSSTG	"13" Same, 64 bit
2376	(948)	X'E'	0	PLO_CSSTGR	"14" Same, 64 bit, some operands in registers
2376	(948)	X'F'	0	PLO_CSSTX	"15" Same, 128 bit
2376	(948)	X'10'	0	PLO_CSDST	"16" Compare and Swap and Double Store, 32 bit
2376	(948)	X'11'	0	PLO_CSDSTG	"17" Same, 64 bit
2376	(948)	X'12'	0	PLO_CSDSTGR	"18" Same, 64 bit, some operands in registers
2376	(948)	X'13'	0	PLO_CSDSTX	"19" Same, 128 bit
2376	(948)	X'14'	0	PLO_CSTST	"20" Compare and Swap and Triple Store, 32 bit
2376	(948)	X'15'	0	PLO_CSTSTG	"21" Same, 64 bit
2376	(948)	X'16'	0	PLO_CSTSTGR	"22" Same, 64 bit, some operands in registers
2376	(948)	X'17'	0	PLO_CSTSTX	"23" Same, 128 bit
		OUTPUT SELECT PARAMETERS 01 Change Activity: $S5=SDSFASST HJS7760 080810 RD0RJ: z 1.11.0			
2376	(948)	SIGNED	4	WSPSTART(0)	
2376	(948)	SIGNED	2	WSPTEJBC	Compatible with WSPTEJBI - see IATXJBNO macro
2378	(94A)	CHARACTER	8	WSPTEUID	USER ID (SYSOUT)
2378	(94A)	X'94A'	0	WSPJOBID	"WSPTEUID" JOB ID (SYSOUT)
2376	(948)	ADDRESS	4	WSPCHAIN	WAIT FOR WORK CHAIN FIELD
2376	(948)	X'948'	0	WSPRECRD	"WSPCHAIN" TOTAL RECORDS PENDING JOB
2380	(94C)	ADDRESS	4	WSPAECF	ECF ADDRESS, NEW WORK
2384	(950)	BITSTRING	1	WSPMASK	ECF MASK FIELD, NEW WORK
2385	(951)	BITSTRING	1	WSPHWCNT	COUNT OF OUTSERV FCT'S 0370 WAITING TO PROCESS THIS 0370 HOT WRITER 0370
2386	(952)	BITSTRING	1	WSPFLAG	FLAG BYTE
		DEFINITION OF WSPFLAG			
		1...		WSPOSELK	"X'80'" RQ OSE LOCK HELD
		.1..		WSPSSREQ	"X'40'" SUBSYSTEM REQUEST
		..1.		WSPSYSRQ	"X'20'" PROCESS SYSOUT REQUEST

Table 300. Structure IQOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		...1		WSPDEL	"X'10'" DELETE REQUEST
		.... 1...		WSPREL	"X'08'" RELEASE REQUEST
		.... .1..		WSPPUT	"X'04'" PUT REQUEST
		.... ..1.		WSPGET	"X'02'" GET REQUEST
		1		WSPSCHED	"X'01'" SCHEDULE REQUEST
		THE FOLLOWING FLAGS ARE DOUBLE DEFINED. THEY ARE ONLY USED BY IATOSPC FOR PROCESS SYSOUT REQUESTS. THE FLAGS THEY ARE EQUATED TO ARE USED BY IATOSSC AND IATOSWS FOR OUTPUT SERVICE REQUESTS.			
2386	(952)	X'10'	0	WSPFIRRQ	"WSPDEL" FIRST SYSOUT PSO REQUEST
2386	(952)	X'8'	0	WSPOKRET	"WSPREL" REQUEST ENDED SUCCESSFULLY
2386	(952)	X'1'	0	WSPRQCMP	"WSPSCHED" REQUEST IS COMPLETE
2387	(953)	BITSTRING	1	WSPFLG1	FLAG BYTE 1
		DEFINITION OF WSPFLG1 WSPPEND (Writer) and WSPTSO (PSO) doubly defined WSPCKPRQ (PSO) and WSPSAFFL (OUTSERV) doubly defined			
		1...		WSPCKPT	"X'80'" CHECKPOINT DATA SET FOUND
		.1..		WSPCMPL	"X'40'" THIS JOB IS COMPLETE
		..1.		WSPPOSTD	"X'20'" WRITER POSTED
		...1		WSPSTRTD	"X'10'" WRITER STARTED
		.... 1...		WSPPEND	"X'08'" PENDING ENTRY FOUND
2387	(953)	X'8'	0	WSPTSO	"WSPPEND" TSO REQUEST FOR PSO WSP
		.... .1..		WSPCHNGE	"X'04'" CHANGE FOUND
		.... ..1.		WSPFAILD	"X'02'" FAILURE HAS OCCURED.
		1		WSPCKPRQ	"X'01'" CHECKPOINT REQUIRED
2387	(953)	X'1'	0	WSPSAFFL	"WSPCKPRQ" SAF call failed during wait queue search
2388	(954)	SIGNED	4	(0)	WORD ALIGNMENT 3429
		The fields WSPOSTJC and WSPFDBT are doubly defined. WSPOSTJC, in conjunction with WSPOSTJI, is used only for hot writer wait queue processing.			
2388	(954)	SIGNED	2	WSPOSTJC	Compatible with WSPOSTJI - see IATXJBNO macro
		WSPFDBT is used in conjunction with WSPFDBTB to hold the OSE FDB and previous sequence number (unlike most similar fields, these two are not consecutive).			
2388	(954)	BITSTRING	12	WSPFDBT	Temporary OSE
2400	(960)	SIGNED	2	WSPRSVS6	Reserved for IBM
2402	(962)	SIGNED	2	WSPLEN	Length of WSP
2404	(964)	BITSTRING	6	WSPJDS	JDS SPOOL ADDRESS SAVE AREA
2410	(96A)	BITSTRING	1	WSPFLG8	FLAG BYTE 8
		DEFINITION OF WSPFLG8 (CLEARED UPON ENTRY TO IATOSPC)			
		1...		WSPRQACC	"X'80'" SET WHEN RQ ACCESS OBTAINED BY THE IATXARQ MACRO, RESET WHEN RQ ACCESS IS RELEASED

Table 300. Structure IQOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.1..		WSPBDTRQ	"X'40'" PSO REQUEST IS FROM BDT
		..1.		WSPNJERT	"X'20'" PSO REQUEST IS FROM REROUTE
		...1		WSPNJERD	"X'10'" PSO REQUEST IS FROM NJERDR
		.... 1...		WSPRQPRM	"X'08'" PARM RQ SUPPLIED ON INPUT
		.... .1..		WSPJBFND	"X'04'" OSS/MOSE INDICATES WORK EXISTS
		.... ..1.		WSPHWWQP	"X'02'" Set when Hot Writer Wait Queue post occurred
		1		WSP8RSV3	"X'01'" RESERVED FOR SERVICE
2411	(96B)	BITSTRING	1	WSPOSPC	IATOSPC ERROR REASON CODE
		DEFINITION OF OSPC ERROR REASON CODE			
		....		WSPRCCL	"X'00'" NO ERROR CODE ASSOCIATED
		1		WSPRCJOB	"X'01'" BAD JOB NAME/NUMBER/RSQ
		.... ..1.		WSPRCPSO	"X'02'" INVALID USER OF PSO WITH GROUP ID SELECTION
		11		WSPRCRQ	"X'03'" RSQ REQUIRED BUT IS MISSING
		.... .1..		WSPRCDAC	"X'04'" JOB IS BEING DUMPED
		.... .1.1		WSPRCOUT	"X'05'" NO OUTPUT
		.... .11.		WSPRCINV	"X'06'" INVALID SEARCH ARGUEMENT
		.... .111		WSPRCAWR	"X'07'" AWRITE ERROR
		.... 1...		WSPRCDAT	"X'08'" INVALID DATA
		1111 1111		WSPRCDMP	"X'FF'" SEVERE ERROR - DUMP ALREADY GENERATED
2412	(96C)	BITSTRING	12	WSPFDBSV	SAVE FDB FOR PREVIOUS OSE 7#
2424	(978)	SIGNED	4	WSPSSCWA	Work area for IATOSSC
2428	(97C)	BITSTRING	14	WSPRSVS5	Reserved for IBM
2442	(98A)	BITSTRING	2	WSPCKJBC	Compatible checkpoint jobid
		WSPRSV01 uses the same area occupied by WSPCRJOB in releases prior to HJS7705. Do not use this area until HJS7703 and all lower releases are out of service.			
2444	(98C)	CHARACTER	2	WSPRSV01	' Reserved - do not use
2446	(98E)	BITSTRING	1	WSPFLG9	Flag byte 9
		DEFINITION OF WSPFLG9			
		1...		WSPXJMR	"X'80'" IATXJMR issued - field WSPSAVE contains the data set entry pointer
		.1..		WSPQCHG	"X'40'" Dataset is moving from hold queue to writer queue
		..1.		WSPDFDST	"X'20'" Destination restored to default
		...1		WSPSRCHP	"X'10'" OSES000 should search for previous OSE buffer if not provided
		.... 1...		WSPNDOPT	"X'08'" Writer output pending 0089
		.... .1..		WSPENF58	"X'04'" ENF58 DeSelect done
		.... ..1.		WSP4BOSE	"X'02'" PSO processor supports four-byte OSE seq num

Table 300. Structure IQOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1		WSP4BOSD	"X'01'" PSO DSP supports four-byte OSE sequence number
2447	(98F)	BITSTRING	1	WSPFLG7	FLAG BYTE 7
		DEFINITION OF WSPFLG7 (CLEARED UPON ENTRY TO IATOSPC)			
		1...		WSPCDEST	"X'80'" DEST CHANGED BY CLASS
		.1..		WSPUNSCH	"X'40'" OSPC UNSCHEDULED AN OSE 0668
		..1.		WSPPBSKP	"X'20'" A BUFFER WAS SKIPPED USING RCE/CSBT OR DELETED
		...1		WSPCLNUP	"X'10'" CLEANUP OPTION SPECIFIED ON AN IATXPOSE CALL
		.... 1...		WSPFL708	"X'08'" Reserved for IBM
		THIS LINE DELETED BY APAR OW32807			
		.... .1..		WSPJOBRP	"X'04'" JOB REPOSITION INDICATOR
		.... ..1.		WSPLTTCP	"X'02'" Output moved from local to 05209SRC TCP destination with 05209SRA OUTPUT statement 05209SRA
		1		WSPLTTNO	"X'01'" Output moved from local to 05209SRC TCP destination with 05209SRA no OUTPUT statement 05209SRA
2448	(990)	SIGNED	4	WSPSECPT	POINTER TO GETMAINED AREA FOR USE BY IATXSEC
2452	(994)	SIGNED	4	WSPSAVE	WORK SAVE AREA
2456	(998)	SIGNED	4	WSPPSCPT	PTR TO PSSC CONTROL BLOCK 0357 (The D.F.R. memorial PSSC 0049 pointer) 0049
2460	(99C)	SIGNED	2	WSPBUFNC	OSE buffer number compati- ble value - see WSPBUFN4
2462	(99E)	SIGNED	2	WSPOFFST	OSE OFFSET VALUE
2464	(9A0)	CHARACTER	1	WSPCCNTL	OSE CARRIAGE CONTROL VALUE
2465	(9A1)	BITSTRING	4	WSPFFDBV	OSE FDB VALIDITY VALUE 05209SRA
2469	(9A5)	BITSTRING	1	WSPFLG11	Flag byte 11 05209SRA
		---------- 05209SRA Definition of WSPFLG11 05209SRA ---------- 05209SRA			
		1...		WSPBLTCP	"X'80'" TCP/NJE OSEs built via 05209SRA QBDTOSE 05209SRA
		.1..		WSPBLBDT	"X'40'" SNA/NJE OSEs built via 05209SRA QBDTOSE 05209SRA
		..1.		WSPINTCP	"X'20'" QBDTOSE should build TCP 05209SRA OSEs (if off, BDT OSEs) 05209SRA
		...1		WSPBHLDC	"X'10'" Select BDT work in operator 06471SXC hold if cancel issued 06471SXA
		.... 1...		WSPF1108	"X'08'" Reserved for IBM 05209SRA
		.... .1..		WSPF1104	"X'04'" Reserved for IBM 05209SRA
		.... ..1.		WSPF1102	"X'02'" Reserved for IBM 05209SRA
		1		WSPF1101	"X'01'" Reserved for IBM 05209SRA 05209SRA
2470	(9A6)	BITSTRING	2	WSPRSVDV	Reserved for IBM 05209SRC

Table 300. Structure IQOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2472	(9A8)	CHARACTER	80	WSPTOKEN	SECURITY TOKEN 0318 INBOUND-CALLER'S UTOKEN OUTBOUND-RETURNED DATA SET'S RTOKEN
2552	(9F8)	CHARACTER	4	WSPID	WSP eyecatcher 0075
2556	(9FC)	ADDRESS	4	WSPYOSPC	IATYOSPC address 0075
2560	(A00)	ADDRESS	4	WSPTEJBI	Extended jobid 0075
2564	(A04)	ADDRESS	4	WSPCKJBI	Checkpoint jobid 0075
2568	(A08)	ADDRESS	4	WSPOSTJI	Hot writer queue post 0075 jobid 0075
2572	(A0C)	SIGNED	4	WSPBUFN4	OSE buffer number, used with WSPOFFST
		WSPFDBT is used in conjunction with WSPFDBTB to hold the OSE FDB and previous sequence number (unlike most similar fields, these two are not consecutive).			
2576	(A10)	SIGNED	4	WSPFDBTB	Prev OSE sequence number
		The following three fields map the parameter list used by the WRTCHAIN error recovery routine (IATXERCV) and must remain consecutive.			
2580	(A14)	BITSTRING	16	WSPRQFDB	Work FDB & sequence number
2596	(A24)	CHARACTER	4	WSPOSEID	ID for OSE
2600	(A28)	SIGNED	2	WSPOSEOF	Offset to 4-byte OSE field
2600	(A28)	X'16'	0	WSPERCVL	"*-WSPRQFDB" Length of IATXERCV workarea
2600	(A28)	X'A14'	0	WSPERCVW	"WSPRQFDB,WSPERCVL" Workarea for IATXERCV macro
2602	(A2A)	BITSTRING	3	WSPRSVS4	Reserved for IBM
2605	(A2D)	BITSTRING	1	WSPFLG4	FLAG BYTE 4
		DEFINITION OF WSPFLG4			
		1...		WSPRCERR	"X'80'" RECURSIVE ERROR OCCURRED
		.1..		WSPBHOLD	"X'40'" INDICATES SELECTION OF HOLD 0505 TYPE (OSEWHOLD) BDT OSES 0505 FOR NJEROUT 0505
		..1.		WSPSAPRO	"X'20'" STAGING AREA IS BEING PROCESSED
		...1		WSPCTRL1	"X'10'" OSBPRECV IN CONTROL 0681
		.... 1...		WSPCTRL2	"X'08'" OSDRSNAF IN CONTROL 0681
		.... .1..		WSPLTOS	"X'04'" HOLD OSE CHANGED FROM LOCAL 0681 TO SNA/NJE DESTINATION 0681
		.... ..1.		WSPURSTA	"X'02'" WTD TO PURGE THE STAR
		1		WSPRQINV	"X'01'" INVALID REQUEST
2606	(A2E)	BITSTRING	1	WSPFLG5	FLAG BYTE 5
		DEFINITION OF WSPFLG5			
		1...		WSPSAPEN	"X'80'" STAGING AREA IS PENDING PROCESSING
		.1..		WSPCSBT	"X'40'" RCE/CSBT STRUCTURE EXISTS
		..1.		WSPDSHLD	"X'20'" ALL DATA SETS ARE HELD
		...1		WSPDSRST	"X'10'" A DATA SET IS RESTARTABLE
		.... 1...		WSPBCMPL	"X'08'" OSE BUFFER IS COMPLETE

Table 300. Structure IQOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... .1..		WSPMLREQ	"X'04'" MULTIPLE DATA SET REQUEST
		.... ..1.		WSPLTSNO	"X'02'" OSE CHANGED FROM LOCAL TO 0105 SNA/NJE DESTINATION WHEN 0105 NO OUTPUT STATEMENTS USED 0105
		1		WSPSADUM	"X'01'" DUMMY STAGING AREA FOR CLEANUP PURPOSES
2607	(A2F)	BITSTRING	1	WSPFLG6	FLAG BYTE 6
		DEFINITION OF WSPFLG6 (CLEARED UPON ENTRY TO IATOSPC)			
		1...		WSPGTMND	"X'80'" AGETMAIN FOR IATYSEC DONE
		.1..		WSPNOSAF	"X'40'" IATXSEC SAF CALL NOT NEEDED
		..1.		WSPDSTSK	"X'20'" DATA SET ENTRY IN OSE WAS SKIPPED-SECURITY REJECT
		...1		WSPPSOSC	"X'10'" OSPCW000 RECEIVED CONTROL 0232 0232
		.... 1...		WSPSKJOB	"X'08'" Skip this job
		.... .1..		WSPNJE	"X'04'" WRITER CALL FOR SNA/NJE
		.... ..1.		WSPGLOB1	"X'02'" Global supports WSP ver 01 0075
		1		WSPUSRID	"X'01'" PSO GET FOR USERID
		WSPRTNIN IS USED BY A NUMBER OF OUTPUT SERVICE MODULES TO CONTAIN AN INDEX INTO A TABLE CONTAINING SUBROUTINES USED BY THOSE MODULES. THE EQUATED VALUES BELOW ARE THE INDEX THAT IS USED.			
2608	(A30)	BITSTRING	1	WSPRTNIN	IATOSPC SUBROUTINE INDEX 0559
2608	(A30)	X'0'	0	WSPOSERD	"0" OSE READ SUBROUTINE
2608	(A30)	X'4'	0	WSPOSERL	"4" OSE ARELEASE SUBROUTINE
2608	(A30)	X'8'	0	WSPOSEWR	"8" OSE WRITE SUBROUTINE
2608	(A30)	X'C'	0	WSPJOBCM	"12" JOB COMPLETION SUBROUTINE
2608	(A30)	X'10'	0	WSPWTRSC	"16" WRITER SCHEDULE SUBROUTINE
2608	(A30)	X'14'	0	WSPRTN20	"20" Reserved for IBM 0075
2608	(A30)	X'18'	0	WSPCLSRT	"24" CLASS ROTATION SUBROUTINE
2609	(A31)	BITSTRING	1	WSPPECF	ECF FOR PURGE
2612	(A34)	ADDRESS	4	WSPRESQ	SAVE AREA FOR RESQ (OSPC)
2616	(A38)	SIGNED	4	WSPOSA	ADDRESS OF IATODDR (OSA) 0681 USED FOR LOCAL TO SNA/NJE 0681
2620	(A3C)	SIGNED	4	WSPCDE	ADDRESS OF CDE (IATODDR) FOR0681 LOCAL TO SNA/NJE PROCESSING 0681
2624	(A40)	SIGNED	4	WSPPENSA	PENDING STAGING AREA CHAIN
2628	(A44)	SIGNED	4	WSPSTA	ADDR OF STAR FOR IATOSPC
2632	(A48)	SIGNED	4	WSPSAVE2	2ND WORK SAVE AREA 0559
2636	(A4C)	SIGNED	4	WSPSAVE3	3RD WORK SAVE AREA 0559
2640	(A50)	SIGNED	4	WSPSAVEA(9)	REGISTER SAVE AREA 0606
2676	(A74)	CHARACTER	4	WSPUCSID	UCS ID 0439
2680	(A78)	CHARACTER	4	WSPFCBID	FCB ID 0096
2684	(A7C)	BITSTRING	8	WSPPSOTM	PSO CALL TIME (TOD) 0232
2692	(A84)	ADDRESS	4	WSPCRJOB	Current job for PSO
2696	(A88)	ADDRESS	2	WSPRSVD9	Reserved for IBM 0075 0075

Table 300. Structure IQOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2698	(A8A)	BITSTRING	1	WSPIDENT	Type of WSP 0075
2698	(A8A)	X'1'	0	WSPIBDCI	"1" IATBDCI - BDT communications0075
2698	(A8A)	X'2'	0	WSPIDJOT	"2" IATDJOT - Dump Job 0075
2698	(A8A)	X'3'	0	WSPIDMJA	"3" IATDMJA - PSO unallocation 0075
2698	(A8A)	X'4'	0	WSPIIQOS	"4" IATIQOS - Outserv Inquiry 0075
2698	(A8A)	X'5'	0	WSPIMOCP	"5" IATMOCP - Modify cancel 0075
2698	(A8A)	X'6'	0	WSPIMOOS	"6" IATMOOS - Outserv Modify 0075
2698	(A8A)	X'7'	0	WSPINTNR	"7" IATNTNR - NJERDR 0075
2698	(A8A)	X'8'	0	WSPINTRS	"8" IATNTRS - NJE Reroute 0075
2698	(A8A)	X'9'	0	WSPIOSB1	"9" IATOSBM - BDT cancel 0075
2698	(A8A)	X'A'	0	WSPIOSB2	"10" IATOSBM - JSAM error 0075
2698	(A8A)	X'B'	0	WSPIOSB3	"11" IATOSBM - BDT job hold 0075
2698	(A8A)	X'C'	0	WSPIOSD1	"12" IATOSDR - Output Service 0075 (Primary FCT) 0075
2698	(A8A)	X'D'	0	WSPIOSD2	"13" IATOSDR - Output Service 0075 (Secondary FCT) 0075
2698	(A8A)	X'E'	0	WSPIOSF1	"14" IATOSFD - FSS writer 0075 (primary WSP) 0075
2698	(A8A)	X'F'	0	WSPIOSF2	"15" IATOSFD - FSS writer 0075 (secondary WSP) 0075
2698	(A8A)	X'10'	0	WSPIOSSD	"16" IATOSSD - SAPI 0075
2698	(A8A)	X'11'	0	WSPIOSSO	"17" IATOSSO - SAPI JSAM error 0075
2698	(A8A)	X'12'	0	WSPIOSW1	"18" IATOSWD - JES3 writer 0075 (primary WSP) 0075
2698	(A8A)	X'13'	0	WSPIOSW2	"19" IATOSWD - JES3 writer 0075 (secondary WSP) 0075
2698	(A8A)	X'14'	0	WSPIPURG	"20" IATPURG - Purge processing 0075
2698	(A8A)	X'15'	0	WSPISIOP	"21" IATSIOP - Process SYSOUT 0075
2698	(A8A)	X'16'	0	WSPIOSTC	"22" IATOSOR - TCP/IP job 07032SVA processing 07032SVA
2698	(A8A)	X'17'	0	WSPIGR70	"23" IATGR70 - SJF driver
2698	(A8A)	X'18'	0	WSPIOSR2	"24" IATOSOR2 - Output service 0075
2699	(A8B)	BITSTRING	1	WSPVER	Version number
		1		WSPVER01	"X'01'" Version number 1
2699	(A8B)	X'1'	0	WSPCVER	"WSPVER01" Current version
2700	(A8C)	ADDRESS	4	WSPPSDRT	OSPCS100 return address 0075
2704	(A90)	ADDRESS	4	WSPSAVE4	PSOSCHED return address 0075
2708	(A94)	SIGNED	4	WSPSDWAD	Address of SAPI DSP Work Area
2712	(A98)	SIGNED	4	WSPRSVD8(2)	Reserved for IBM
2720	(AA0)	ADDRESS	4	WSPRQADR	Current RQ address
2724	(AA4)	SIGNED	4	WSPACONS	ADDR OF CALLING CONSOLE CNDB IN IATYWTR, WTRDCCDB
2728	(AA8)	SIGNED	4	WSPRSVU1(2)	RESERVED FOR USER 0200
End of version 0 PSO area.					
2728	(AA8)	X'AB0'	0	WSPTEEND_V0	"*" End of version 0 PSO area
2728	(AA8)	X'168'	0	WSPTESIZ_V0	"WSPTEEND_V0-WSPSTART" Size of version 0 PSO area

Table 300. Structure IQOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2736	(AB0)	SIGNED	4	WSPTESSO_V0(0)	Address of SSOB for down level callers
		END OF WSP SECTION FOR PROCESS SYSOUT (PSO). THE WSP UP TO THE EQUATE FIELD WSPTESIZ IS PART OF A STAGING AREA USED FOR PROCESS SYSOUT INTERFACE.			
2736	(AB0)	X'AB0'	0	WSPTEEND	"*" End of version 1 PSO area
2736	(AB0)	X'168'	0	WSPTESIZ	"WSPTEEND-WSPSTART" Size of version 1 PSO area
		The WSP field WSPTESSO indicates the beginning of the SSOB section for Process Sysout interface. In up-level versions of a PSO staging area, the SSOB can be found by adding WSPLEN to the base of the WSP. In down level versions, the SSOB is located at WSPTESSO_V0, not WSPTESSO.			
2736	(AB0)	SIGNED	4	WSPTESSO(0)	ADDRESS OF SSOB FOR PSO
		THE FOLLOWING WSP INFORMATION IS COMMON FOR EVERY JES3 WRITER. THIS INFORMATION IS NOT NEEDED FOR PSO.			
2736	(AB0)	SIGNED	4	WSPRSVS3(4)	RESERVED FOR SERVICE
2752	(AC0)	BITSTRING	8	WSPWSTME	WRITER START TIME (TOD) -- 0630 (I.E., WHEN IATOSWC WAS 0630 ENTERED FOR THIS WRITER) 0630
2760	(AC8)	SIGNED	4	WSPRSVU2(5)	RESERVED FOR USER
		THE FOLLOWING TWO FIELDS ARE USED IN MODULE IATOSWS to save fields OSECHN and OSECNT4 across the call to the 'OSE shrinker' code in module IATOSOR (OSES000)			
2780	(ADC)	BITSTRING	12	WSPOCHN	SAVE AREA FOR CHAIN FDB
2792	(AE8)	SIGNED	4	WSPOCNT4	Save area for sequence num
2796	(AEC)	CHARACTER	8	WSPTPID	Current APPC TPID, JSAB job id, or JSAB job name
2804	(AF4)	BITSTRING	6	WSPOSSWB	SPOOL ADDR FOR CURR OUTPUT D015 DESCR IF XTNDD KEYWORDS D015
2810	(AFA)	SIGNED	2	WSPSWBID	OUTPUT GROUPING TOKEN
		The following flag is used as an additional scheduling criteria. The options in this flag are specified by the selecting device and not included in the master selection mask.			
2812	(AFC)	BITSTRING	1	WSPFLGS	SEPARATE SCHEDULING FLAG
		DEFINITION OF WSPFLGS			
		1...		WSPEXTS	"X'80'" SELECTING ON XTNDD KEYWORDS
		.1..		WSPSOTBN	"X'40'" SELECT BY OUTBIN ID 0146
		..1.		WSPIP	"X'20'" Select only IP destination
		...1		WSPBOTH	"X'10'" Select both IP and non-IP
2813	(AFD)	BITSTRING	3	WSPRSVD7	Reserved for IBM
2816	(B00)	SIGNED	4	WSPPAGE	TOTAL PAGES PENDING JOB
2820	(B04)	ADDRESS	4	WSPASUP	SUPUNITS ADDRESS
2824	(B08)	ADDRESS	4	WSPARQ	ADDRESS OF RESQUEUE ENTRY
2828	(B0C)	BITSTRING	0	WSPFDBS(0)	Scheduled OSE FDB & seq num
2828	(B0C)	BITSTRING	12	WSPFDB	WOSE FDB

Table 300. Structure IQOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2840	(B18)	SIGNED	4	WSPOSEB4	Scheduled OSE sequence num
2844	(B1C)	ADDRESS	4	WSPOSE	ADDRESS OF MOSE
2848	(B20)	ADDRESS	4	WSPOSS	ADDRESS OF OSS ENTRY
2852	(B24)	SIGNED	4	WSPNJERC	BSC/NJE PENDING RECORD CNT 0126
2856	(B28)	SIGNED	4	WSPOUTBN	OUTBIN ID (in writer WSP)
2856	(B28)	ADDRESS	4	WSPHWWSP	Address of hot writer WSP (in OUTSERV WSP)
2860	(B2C)	SIGNED	4	WSPRSVD2(2)	RESERVED FOR DEVELOPMENT 0146
2868	(B34)	BITSTRING	16	WSPSELD	SEL MASK OF DS SELECTED
2884	(B44)	BITSTRING	16	WSPSELT	TEMP SEL MASK
2900	(B54)	BITSTRING	16	WSPSELM	MASTER SELECTION MASK
		DEFINITION OF WSPSELM VALUES			
2900	(B54)	X'0'	0	WSPNULL	"00" IGNORE THIS ENTRY
2900	(B54)	X'4'	0	WSPPRTY	"04" CHECK PRIORITY OF ENTRY
2900	(B54)	X'8'	0	WSPDEST	"08" CHECK DESTINATION OF ENTRY
2900	(B54)	X'C'	0	WSPTYPE	"12" CHECK DEST. TYPE OF ENTRY
2900	(B54)	X'10'	0	WSPFORM	"16" CHECK FORMS SETUP OF ENTRY
2900	(B54)	X'14'	0	WSPCARR	"20" CHECK FCB/CTAPE SETUP
2900	(B54)	X'18'	0	WSPUCS	"24" CHECK TRAIN SETUP OF ENTRY
2900	(B54)	X'1C'	0	WSPLINE	"28" CHECK LINE, PAGE, AND RECORD LIMITS OF PRINTER
2900	(B54)	X'20'	0	WSPCLAS	"32" CHECK CLASS OF ENTRY
2900	(B54)	X'24'	0	WSPFLASH	"36" CHECK FORMS FLASH SETUP
2900	(B54)	X'28'	0	WSPCPMOD	"40" CHECK COPY MODIFICATION
2900	(B54)	X'2C'	0	WSPSTACK	"44" CHECK STACKER SETUP
2900	(B54)	X'30'	0	WSPPMODE	"48" CHECK PROCESS MODE OF PRINTER
2900	(B54)	X'30'	0	WSPSELMX	"WSPPMODE" MAXIMUM VALUE FOR WSPSELM
2916	(B64)	SIGNED	2	WSPSELC	LOGICAL LENGTH OF WSPSELM
2918	(B66)	BITSTRING	1	WSPPTYSV	HIGHEST PRIORITY FOUND
2919	(B67)	BITSTRING	1	WSPRSVFX	RESERVED FOR SERVICE
2920	(B68)	SIGNED	2	WSPOFST	OFFSET TO OSEENTRY
2922	(B6A)	BITSTRING	1	WSPFLG2	FLAG BYTE 2
		DEFINITION OF WSPFLG2			
		1...		WSPDSPTY	"X'80'" DS PRTY CHECKING REQ.
		.1..		WSPDFLNE	"X'40'" LINE LIMIT CHECKING REQ.
		..1.		WSPPTYPF	"X'20'" PERFECT PRIORITY FIT
		...1		WSPRQRQD	"X'10'" RQTAPUT NOT ALLOWED
		.... 1...		WSPGETRL	"X'08'" RELEASE PENDING OSES
		.... .1..		WSPRSTG	"X'04'" RESTART DATASET GROUP SAME AS *R ,J EXCEPT AFFECTS ONLY D/S SCHD FOR *R DEV
		.... ..1.		WSPRSTD	"X'02'" REQUEUE OSE FOR DATA SET RESTART
		1		WSPPGREL	"X'01'" PIPELINE TYPE GET/RELEASE (SCHEDULED OSE'S NOT AFFECTED)
2923	(B6B)	BITSTRING	1	WSPFLG3	FLAG BYTE 3

Table 300. Structure IQOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF WSPFLG3			
		1...		WSPDM206	"X'80'" DM206 failure in progress
		THIS LINE DELETED BY APAR OZ91802			
		.1..		WSPWOSW	"X'40'" WOSE write requested
		..1.		WSPWOSP	"X'20'" WOSE PURGE REQUESTED
		...1		WSPSWTR	"X'10'" START SELECTED SUPUNITS
		.... 1...		WSPRQWS	"X'08'" SELECTIVE RESQ WRITER START 0229
		.... .1..		WSPHWLK	"X'04'" HOT WRITER IS BEING CHECKED 0370 BY AN OUTSERV FCT HANDLING0370 IATXOSSC TYPE=GET CALL 0370
		.... ..1.		WSPOSPND	"X'02'" DISK OSES HAVE BEEN MARKED 0436 PENDING DURING THIS 0436 IATXOSWS TYPE=SCHEDULE 0436 CALL 0436
		1		WSPWTSCH	"X'01'" This writer had to wait before getting OSE lock in IATOSWS schedule rtn
2924	(B6C)	BITSTRING	2	WSPFRSDD	FLAGS - RESERVED FOR DEV.
2926	(B6E)	BITSTRING	1	WSPFLG10	FLAG BYTE 10
		DEFINITION OF WSPFLG10			
		1...		WSPDUMPT	"X'80'" DUMP WAS REQUESTED
		.1..		WSP206IS	"X'40'" DM206 PREVIOUSLY ISSUED
		..1.		WSPGJNAM	"X'20'" Grouping is by JSAB job name (WSPTPID contains a job name from a JSAB). If this bit is off, grouping is by APPC TPID or JSAB job id.
		...1		WSP10R10	"X'10'" RESERVED FOR IBM
		.... 1...		WSP10R08	"X'08'" RESERVED FOR IBM
		.... .1..		WSP10R04	"X'04'" RESERVED FOR IBM
		.... ..1.		WSP10R02	"X'02'" RESERVED FOR IBM
		1		WSP10R01	"X'01'" RESERVED FOR IBM
2927	(B6F)	SIGNED	1	WSPCLSN	NUMBER OF CLASSES
2928	(B70)	CHARACTER	36	WSPCLSS	SYSOUT CLASSES TO SELECT
2964	(B94)	SIGNED	4	WSPEND(0)	END OF PARM LIST
2964	(B94)	BITSTRING	1	WSPSIZE(0)	L' TOTAL SIZE OF WSP
		IATYSWBR TYPE=F SWB Retrieve Parm List IATYEQU JES3 STANDARD EQUATES IATYEQU ALREADY GENERATED Output Service SWB Retrieve Routine Parm List 01 Change Activity: $R0 = PRNTWAY HJS6605 970514 PD0MV : OS 2.5.0			
2964	(B94)	SIGNED	4	SWBRSTRT(0)	
2964	(B94)	CHARACTER	4	SWBRID	Indentifier
2968	(B98)	BITSTRING	32	SWBROSWB	Output SWB FDB
3000	(BB8)	ADDRESS	4	SWBRBLD	SWB build area
3000	(BB8)	X'FFF'	0	SWBRMXLN	"4095" SWB build area length
3004	(BBC)	ADDRESS	4	SWBRSJFP	SJF parameter address
3008	(BC0)	ADDRESS	4	SWBRSJFW	SJF work area address

Table 300. Structure IQOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
3012	(BC4)	SIGNED	4	SWBRWKAL	Total work area length
3016	(BC8)	CHARACTER	124	SWBROIP	IPADDR from SWB
3140	(C44)	CHARACTER	6	SWBROFDF	FORMDEF from SWB
3146	(C4A)	CHARACTER	6	SWBROPDF	PAGEDEF from SWB
3152	(C50)	SIGNED	2	SWBRSWID	Output grouping token
3154	(C52)	BITSTRING	1	SWBRFLG1	Flag byte 1
		Definition of SWBRFLG1			
		1...		SWBRFL80	"X'80'" Reserved for development
		.1..		SWBRFL40	"X'40'" Reserved for development
		..1.		SWBRFL20	"X'20'" Reserved for development
		...1		SWBRFL10	"X'10'" Reserved for development
		.... 1...		SWBRFL08	"X'08'" Reserved for development
		.... .1..		SWBRFL04	"X'04'" Reserved for development
		.... ..1.		SWBRFL02	"X'02'" Reserved for development
		1		SWBRFL01	"X'01'" Reserved for development
		SWBTUREQ DATA CONSTANTS. The size of the output area must be large enough to hold a 2-byte length field for each keyword and the largest possible keyword value plus a 4 byte prefix area to contain a text unit pointer. The calculation would be as follows for the keywords being retrieved: (SWBRNUMK) (60 + L'S99TULNG + L'S99TUPAR) : : : : V : : : Number of keys to retrieve: : : : : V : : All keys retrieved have same max size of 60 (except destination and IPADDR) : : V : Length value for each keyword Text unit pointer			
3154	(C52)	X'82'	0	SWBRMIPS	"(124+L'S99TUPTR+L'S99TULNG)" Maximum IP kwd siz
3154	(C52)	X'42'	0	SWBRMXKW	"(60+L'S99TUPTR+L'S99TULNG)" Maximum SJF kwd siz
3154	(C52)	X'148'	0	SWBRSJOS	"(SWBRNUMK)*(SWBRMXKW)+SWBRMIPS" SJF output area size
3154	(C52)	X'3'	0	SWBRSJKN	"SWBRKYL/SJTRKLEN" Number of actual keys for SJF SWBTUREQ service
3154	(C52)	X'3'	0	SWBRNUMK	"SWBRKYL/SJTRKLEN" Number of keys used to compute size of output area
3156	(C54)	ADDRESS	4	SWBRSJID	SJF SWBTUREQ parm list id
3160	(C58)	CHARACTER	4	SWBRBTID	SWB table identifier
		Key list definition for SWBTUREQ RETRIEVE.			
3164	(C5C)	SIGNED	2	SWBRKEY(0)	
3164	(C5C)	ADDRESS	2		IPADDR key
3168	(C60)	SIGNED	4		
3172	(C64)	ADDRESS	2		FORMDEF Key
3176	(C68)	SIGNED	4		
3180	(C6C)	ADDRESS	2		PAGEDEF Key

Table 300. Structure IQOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
3184	(C70)	SIGNED	4		
3184	(C70)	X'18'	0	SWBRKYL	"*-SWBRKEY" End of key list for SJF
3188	(C74)	SIGNED	4	SWBREND(0)	End of parm list
3188	(C74)	BITSTRING	0	SWBRSIZE(0)	L' Total size of SWBR
3188	(C74)	SIGNED	4	IQOSSEND(0)	END OF IQOS DATA AREA
3188	(C74)	BITSTRING	1	IQOSSIZE(0)	SIZE OF YIQOS AREA

Table 301. Cross Reference for IATYIQOS

Name	Offset	Hex Tag
ACTIVE_LIMIT	948	FFFF
ALLACC	948	8
ALLOFF	948	8
ALLON	948	1
ALWAYS	948	F
ARMODOFF	948	0
ARMODON	948	200
BDTREQ	BC	81E0
BDTREQ2	BC	0
BORROW	948	C
CARRY	948	3
CHARA	948	C1
CHARCMMA	948	6B
CHARF	948	C6
CHARNINE	948	F9
CHARZERO	948	F0
DSPCMXSZ	948	0
EQ	948	8
EQUHOBOF	948	FFFFFF
EQUHOBON	948	0
FF	948	FF
GE	948	B
GT	948	2
HLDREQ	BC	FEC206
HLDREQ2	BC	0
INREAL	948	8
INTK_SHARED_SUBPOOL	948	9
IQOS	0	
IQOSAAGE	9A	8
IQOSABG	9B	40
IQOSABJ	9B	80
IQOSABS	9B	20
IQOSABT	9A	1
IQOSAC	98	1
IQOSACH	99	10
IQOSACJ	9C	40

Table 301. Cross Reference for IATYIQOS (continued)

Name	Offset	Hex Tag
IQOSACL	99	40
IQOSACMO	99	4
IQOSADD	99	1
IQOSADG	9A	20
IQOSADSD	98	10
IQOSADSN	9A	4
IQOSADST	98	20
IQOSAF	98	2
IQOSAFFL	99	8
IQOSAFMD	9B	1
IQOSAGE	330	0
IQOSAH	9A	80
IQOSAIPA	9B	2
IQOSAJNA	98	80
IQOSAMK0	98	0
IQOSAMK1	99	0
IQOSAMK2	9A	0
IQOSAMK3	9B	0
IQOSAMK4	9C	0
IQOSAMK5	9D	0
IQOSAMK6	9E	0
IQOSAMK7	9F	0
IQOSAMSK	98	
IQOSAOD	9C	4
IQOSAOTB	9B	4
IQOSAP	98	40
IQOSAPCD	761	4
IQOSAPCI	761	10
IQOSAPCN	761	40
IQOSAPCQ	761	8
IQOSAPCT	761	20
IQOSAPCY	761	80
IQOSAPGD	9C	80
IQOSAPM	9A	40
IQOSAPPC	2BA	F0F04040
IQOSAR9	9B	10
IQOSASD	9B	8
IQOSASL	9A	2
IQOSAST	98	4
IQOSASTK	99	2
IQOSATG	9C	10
IQOSATRM	9A	10
IQOSATS	9C	8
IQOSATT	9C	20
IQOSAU	99	80
IQOSAUID	99	20

Table 301. Cross Reference for IATYIQOS (continued)

Name	Offset	Hex Tag
IQOSAW	98	8
IQOSA2MK	9C	
IQOSA401	9C	1
IQOSA402	9C	2
IQOSBDT	744	20
IQOSBDTS	33C	0
IQOSBFN4	75C	0
IQOSBG	E0	0
IQOSBJ	118	0
IQOSBJS	760	8
IQOSBMP	40	
IQOSBMS	44	0
IQOSBREQ	B0	
IQOSBRQ2	B4	
IQOSBRSV	4C	0
IQOSBS	E8	0
IQOSBT	F0	0
IQOSBYCT	2EC	0
IQOSBYMI	760	20
IQOSBYTE	2E4	0
IQOSCART	144	40404040
IQOSCH	124	0
IQOSCJ	3D0	40404040
IQOSCJID	3D8	40404040
IQOSCJIN	762	4
IQOSCJIS	762	2
IQOSCJIY	762	8
IQOSCJN	762	40
IQOSCJNM	3E0	40404040
IQOSCJNS	762	1
IQOSCJQ	762	20
IQOSCJS	762	10
IQOSCJY	762	80
IQOSCLS	120	0
IQOSCM	134	0
IQOSCNS	14C	
IQOSCNSL	1AC	
IQOSCNT	2F0	A
IQOSCNTF	742	80
IQOSCONS	13C	0
IQOSCTAP	110	0
IQOSDBL	8	0
IQOSDDN	212	0
IQOSDDS	742	10
IQOSDEST	20A	0
IQOSDG	31C	0

Table 301. Cross Reference for IATYIQOS (continued)

Name	Offset	Hex Tag
IQOSDNUM	745	40
IQOSDSDD	760	4
IQOSDSID	2A2	0
IQOSDSN	22A	
IQOSDSNB	242	0
IQOSDSNJ	23A	0
IQOSDSNM	24A	0
IQOSDSNN	232	0
IQOSDSNU	22A	0
IQOSDST2	29A	0
IQOSEJID	74E	
IQOSEJNM	746	
IQOSELK	743	20
IQOSEND	742	20
IQOSERIN	742	40
IQOSERRR	742	2
IQOSFDB	7C	0
IQOSFDBS	70	0
IQOSFL	2B2	0
IQOSFLG1	742	0
IQOSFLG2	743	0
IQOSFLG3	744	0
IQOSFLG4	745	0
IQOSFLG5	760	0
IQOSFLG6	761	0
IQOSFLG7	762	0
IQOSFLG8	763	0
IQOSFORM	2AA	0
IQOSFRDF	3CA	40404040
IQOSF43F	745	3
IQOSF801	763	1
IQOSF802	763	2
IQOSF804	763	4
IQOSF808	763	8
IQOSF810	763	10
IQOSF820	763	20
IQOSF840	763	40
IQOSGTYP	418	0
IQOSHLD	744	40
IQOSHLDD	743	4
IQOSHOLD	2B6	0
IQOSHREQ	A0	
IQOSHRQ2	A4	
IQOSHTYP	2B7	0
IQOSIAGE	8A	4
IQOSIAPC	8B	8

Table 301. Cross Reference for IATYIQOS (continued)

Name	Offset	Hex Tag
IQOSIBG	8B	20
IQOSIBJ	8B	40
IQOSIBS	8B	10
IQOSIBT	8B	80
IQOSIBY	8B	1
IQOSIC	89	80
IQOSICH	89	8
IQOSICJ	8C	8
IQOSICJI	8C	4
IQOSICJN	8C	2
IQOSICL	89	20
IQOSICMO	89	2
IQOSID	0	C9D8D6E2
IQOSIDD	8A	80
IQOSIDG	88	20
IQOSIDSD	88	2
IQOSIDSN	8A	2
IQOSIDST	88	8
IQOSIF	88	1
IQOSIFFL	89	4
IQOSIFMD	8C	20
IQOSIGT	88	4
IQOSIHN	8A	10
IQOSIHY	8A	20
IQOSIJNA	88	80
IQOSIJNO	88	40
IQOSIL	8A	40
IQOSIMK0	88	0
IQOSIMK1	89	0
IQOSIMK2	8A	0
IQOSIMK3	8B	0
IQOSIMK4	8C	0
IQOSIMK5	8D	0
IQOSIMK6	8E	0
IQOSIMK7	8F	0
IQOSIMSK	88	
IQOSINCL	745	4
IQOSINMK	8C	
IQOSIOD	8D	10
IQOSIOTB	8B	2
IQOSIP	88	10
IQOSIPAD	8C	40
IQOSIPDR	348	40404040
IQOSIPG	8C	80
IQOSIPGD	8C	10
IQOSIQOM	38	

Table 301. Cross Reference for IATYIQOS (continued)

Name	Offset	Hex Tag
IQOSISD	8B	4
IQOSISL	8A	1
IQOSIST	88	2
IQOSISTK	89	1
IQOSITG	8D	40
IQOSITRM	8A	8
IQOSITS	8D	20
IQOSITT	8D	80
IQOSIU	89	40
IQOSIUID	89	10
IQOSIW	88	4
IQOSI501	8D	1
IQOSI502	8D	2
IQOSI504	8D	4
IQOSI508	8D	8
IQOSJCTR	743	10
IQOSJDBS	743	2
IQOSJDSP	34	0
IQOSJOB	2CA	0
IQOSJOBB	2D4	0
IQOSJOBF	742	1
IQOSJOB0	760	2
IQOSKA	2C	0
IQOSLFS	30	0
IQOSLINE	2D8	0
IQOSLMSG	4CC	262
IQOSLNCT	2E0	0
IQOSLNMI	760	80
IQOSLOST	743	40
IQOSLPCT	3C	0
IQOSMEND	745	20
IQOSMGTT	72E	40404040
IQOSMHLD	743	1
IQOSNAVL	745	80
IQOSNBAS	48	0
IQOSNODM	C4	60C4C4D5
IQOSOAGE	92	8
IQOSOAPC	93	10
IQOSOBG	93	40
IQOSOBJ	93	80
IQOSOBS	93	20
IQOSOBT	92	1
IQOSOBV	745	8
IQOSOC	90	1
IQOSOCH	91	10
IQOSOCJ	94	40

Table 301. Cross Reference for IATYIQOS (continued)

Name	Offset	Hex Tag
IQOSOCL	91	40
IQOSOCMO	91	4
IQOSODD	91	1
IQOSODG	92	20
IQOSODHV	41B	40
IQOSODKV	41B	20
IQOSODLV	41B	10
IQOSODNV	41B	1
IQOSODPV	41B	8
IQOSODSD	90	10
IQOSODSN	92	4
IQOSODSP	31B	0
IQOSODST	90	20
IQOSODWV	41B	80
IQOSOD02	41B	2
IQOSOD04	41B	4
IQOSOF	90	2
IQOSOFFL	91	8
IQOSOFMD	93	1
IQOSOH	92	80
IQOSOIPA	93	2
IQOSOJNA	90	80
IQOSOMK0	90	0
IQOSOMK1	91	0
IQOSOMK2	92	0
IQOSOMK3	93	0
IQOSOMK4	94	0
IQOSOMK5	95	0
IQOSOMK6	96	0
IQOSOMK7	97	0
IQOSOMSG	4CC	0
IQOSOMSK	90	
IQOSOOD	94	4
IQOSOOTB	93	4
IQOSOP	90	40
IQOSOPGD	94	80
IQOSOPM	92	40
IQOSOSD	93	8
IQOSOSL	92	2
IQOSOST	90	4
IQOSOSTK	91	2
IQOSOSTP	3E8	0
IQOSOTBN	344	0
IQOSOTG	94	10
IQOSOTRM	92	10
IQOSOTS	94	8

Table 301. Cross Reference for IATYIQOS (continued)

Name	Offset	Hex Tag
IQOSOTT	94	20
IQOSOU	91	80
IQOSOUID	91	20
IQOSOUTM	47C	
IQOSOW	90	8
IQOSO2MK	94	
IQOSO401	94	1
IQOSO402	94	2
IQOSPAD	2B8	0
IQOSPAGE	2F8	0
IQOSPCH	743	80
IQOSPGCT	300	0
IQOSPGDF	3C4	40404040
IQOSPGMI	760	40
IQOSPM	304	0
IQOSPREN	745	10
IQOSPRTY	2F4	0
IQOSPTY	2F5	0
IQOSQ	768	
IQOSQAGD	88C	0
IQOSQAGE	945	2
IQOSQAGH	890	0
IQOSQAPC	945	1
IQOSQAPI	89C	F0F04040
IQOSQAPT	894	F0F04040
IQOSQBG	7D0	0
IQOSQBJ	7E8	0
IQOSQBS	7D8	0
IQOSQBT	7E0	0
IQOSQBYT	77C	0
IQOSQCH	780	0
IQOSQCHN	768	0
IQOSQCJ	946	20
IQOSQCJI	930	
IQOSQCJN	938	
IQOSQCLK	88C	
IQOSQCLS	86D	40
IQOSQCM	868	0
IQOSQCNT	945	40
IQOSQCPY	86E	0
IQOSQCTP	808	0
IQOSQDDN	790	0
IQOSQDG	850	0
IQOSQDSD	7C0	0
IQOSQDSE	7B0	0
IQOSQDSI	820	0

Table 301. Cross Reference for IATYIQOS (continued)

Name	Offset	Hex Tag
IQOSQDSJ	7B8	0
IQOSQDSM	7C8	0
IQOSQDSN	7A8	
IQOSQDST	810	0
IQOSQDSU	7A8	0
IQOSQDTA	780	
IQOSQFL	860	0
IQOSQFLG	945	0
IQOSQFL2	946	0
IQOSQFRD	92A	
IQOSQFRM	828	0
IQOSQHLD	86F	0
IQOSQHTP	870	0
IQOSQID	76C	C4D8C540
IQOSQIPA	8A8	
IQOSQLNS	770	0
IQOSQMID	874	0
IQOSQNAM	838	0
IQOSQND	948	
IQOSQNDD	945	10
IQOSQNOD	945	20
IQOSQNUM	888	0
IQOSQOD	940	
IQOSQOSE	945	4
IQOSQOTB	8A4	
IQOSQOTS	946	40
IQOSQPGD	924	
IQOSQPGS	774	0
IQOSQPM	840	0
IQOSQPTF	945	80
IQOSQPTY	887	
IQOSQRC	868	86C
IQOSQRCD	778	0
IQOSQRSN	873	0
IQOSQRSV	871	
IQOSQSDT	818	0
IQOSQSEP	945	8
IQOSQSEQ	87C	0
IQOSQSKP	946	80
IQOSQSL	87E	0
IQOSQSS	886	0
IQOSQST1	768	
IQOSQST2	780	
IQOSQTG	7F0	F0F04040
IQOSQTS	7F8	F0F04040
IQOSQTT	800	F0F04040

Table 301. Cross Reference for IATYIQOS (continued)

Name	Offset	Hex Tag
IQOSQTYP	848	0
IQOSQUCS	864	0
IQOSQUE	30C	0
IQOSQUID	830	0
IQOSQVAL	744	F0
IQOSQWNM	858	0
IQOSRC	134	138
IQOSRDER	763	80
IQOSREQ	742	8
IQOSREQA	742	4
IQOSRPCT	3E	0
IQOSRQAD	C0	0
IQOSRSVD	758	0
IQOSRSV1	3F0	0
IQOSRSV2	764	0
IQOSSCNT	338	0
IQOSSEND	C74	
IQOSSEQ	310	1
IQOSSIZE	C74	
IQOSSL	312	0
IQOSSPIP	760	10
IQOSSS	31A	0
IQOSSTRT	0	
IQOSSTYP	41B	0
IQOSSUM	743	8
IQOSSVDD	252	40404040
IQOSSVDS	26C	40404040
IQOSSVR2	14	0
IQOSSVR5	18	0
IQOSSVR9	28	0
IQOSSWBR	760	1
IQOSS012	1C	0
IQOSTCP	744	10
IQOSTCPS	340	0
IQOSTG	F8	F0F04040
IQOSTOD	334	0
IQOSTODD	410	141DD
IQOSTODH	414	D69
IQOSTREQ	B8	
IQOSTRQ2	BC	
IQOSTS	100	F0F04040
IQOSTT	108	F0F04040
IQOSTYPE	418	
IQOSUCS	324	0
IQOSUSID	2C2	0
IQOSWNAM	328	0

Table 301. Cross Reference for IATYIQOS (continued)

Name	Offset	Hex Tag
IQOSWORK	D4	40404040
IQOSWREQ	A8	
IQOSWRQ2	AC	
IQOSWTR	744	80
IQOSXCDB	420	
IQOSXCDB_KEYUSED_CMDIND	447	80
IQOSXCDB_XABEND	429	
IQOSXCDB_XABEND_NO	429	40
IQOSXCDB_XABEND_YES	429	80
IQOSXCDB_XCART	44C	
IQOSXCDB_XCMDIND_NO	446	40
IQOSXCDB_XCMDIND_YES	446	80
IQOSXCDB_XCNDB	42C	
IQOSXCDB_XCONSID	43C	
IQOSXCDB_XCONSNM	438	
IQOSXCDB_XEYECATCH	421	
IQOSXCDB_XFLAG1	427	
IQOSXCDB_XFLAG2	446	
IQOSXCDB_XINCNDB	434	
IQOSXCDB_XKEYS	447	
IQOSXCDB_XOPERATION_EXTRACTCART	0	10
IQOSXCDB_XOPERATION_EXTRACTCONSID	427	100
IQOSXCDB_XOPERATION_EXTRACTCONSNAME	427	80
IQOSXCDB_XOPERATION_EXTRACTCONSTYPE	0	40
IQOSXCDB_XOPERATION_EXTRACTROUT	0	20
IQOSXCDB_XOPERATION_INITIALIZE	427	8000
IQOSXCDB_XOPERATION_RESET	427	1000
IQOSXCDB_XOPERATION_TRANSCONSID	427	400
IQOSXCDB_XOPERATION_TRANSFER	427	4000
IQOSXCDB_XOPERATION_TRANSROUT	427	200
IQOSXCDB_XOPERATION_UPDATE	427	2000
IQOSXCDB_XOPERATION_VERIFY	427	800
IQOSXCDB_XOUTCART	45C	
IQOSXCDB_XOUTCNDB	430	
IQOSXCDB_XOUTCONSID	440	
IQOSXCDB_XOUTCONSNAME	450	
IQOSXCDB_XOUTCONSTYPE	454	
IQOSXCDB_XOUTROUT	458	
IQOSXCDB_XROUT	448	
IQOSXCDB_XRSV001	42B	
IQOSXCDB_XRSV002	444	
IQOSXCDB_XUSERADDR	42A	
IQOSXCDB_XVERSION	420	
IQOSXCDBL	45C	40
IQOSXCSC	478	
IQOSXCSN	474	

Table 301. Cross Reference for IATYIQOS (continued)

Name	Offset	Hex Tag
IQOSXCSP	474	
IQOSXCTP	460	0
IQOSYPRM	10	0
IQSXCSIF	468	
IQSXCSIF_XEYECATCH	469	
IQSXCSIF_XPARMLIST	470	
IQSXCSIF_XRSV0001	46F	
IQSXCSIF_XVERSION	468	
IQSXCSIFL	470	C
JOB_NUMBER_SHIFT	948	10
J3AUXTRC	948	F018
J3MAXMP	948	20
J3NUCTRC	948	30000
J3TRCMAX	948	3FF
J3TRCSZ	948	21000
LE	948	D
LENTHINV	948	1
LNZERO	948	5
LOCKED	948	4
LT	948	4
LZERO	948	A
MAX_OSE_OLD_DYNAL	948	FFF0
MAX_OSE_SEQ	948	FFFFFF
MAX_OSE_SEQ_DYNAL	948	FFFF80
MAX_SRF_SEQ	948	FFFF
MAXIMUM_COMPATIBLE_JOB	948	FFFE
MAXIMUM_JOB_NUMBER_ALLOWED	948	F423F
MAXIMUM_JOB_NUMBER_MASK	948	FFFF
MAXIMUM_JOBS_IN_DJC_NET	948	7FFF
MAXPARM	0	3
MINUS	948	4
MIXED	948	4
M00M0005	0	420
M00M0008	0	468
NALLACC	948	7
NALLOFF	948	5
NALLON	948	C
NE	948	7
NMINUS	948	B
NNOACCSS	948	D
NOACCESS	948	2
NOBORROW	948	3
NOCARRY	948	C
NOP	948	0
NOTIREAL	948	7
NOV	948	E

Table 301. Cross Reference for IATYIQOS (continued)

Name	Offset	Hex Tag
NPAGPRTD	948	B
NPLUS	948	D
NTRANSNA	948	E
NZBORROW	948	4
NZCARRY	948	1
NZERO	948	7
NZNBOROW	948	1
NZNCARRY	948	4
OV	948	1
PAGPRTD	948	4
PAGTBINV	948	2
PLO_CL	948	0
PLO_CLG	948	1
PLO_CLGR	948	2
PLO_CLX	948	3
PLO_CS	948	4
PLO_CSDST	948	10
PLO_CSDSTG	948	11
PLO_CSDSTGR	948	12
PLO_CSDSTX	948	13
PLO_CSG	948	5
PLO_CSGR	948	6
PLO_CSST	948	C
PLO_CSSTG	948	D
PLO_CSSTGR	948	E
PLO_CSSTX	948	F
PLO_CSTST	948	14
PLO_CSTSTG	948	15
PLO_CSTSTGR	948	16
PLO_CSTSTX	948	17
PLO_CSX	948	7
PLO_DCS	948	8
PLO_DCSG	948	9
PLO_DCSGR	948	A
PLO_DCSX	948	B
PLUS	948	2
SAFEXTSP	948	F0
SAFMSGSP	948	F0
SECTKNLN	948	50
SEGTBINV	948	4
SPECIAL_JOB_XFFFF	948	FFFF
SWBRBLD	BB8	
SWBRBTID	C58	E2E6C2E3
SWBREND	C74	
SWBRFLG1	C52	0
SWBRFL01	C52	1

Table 301. Cross Reference for IATYIQOS (continued)

Name	Offset	Hex Tag
SWBRFL02	C52	2
SWBRFL04	C52	4
SWBRFL08	C52	8
SWBRFL10	C52	10
SWBRFL20	C52	20
SWBRFL40	C52	40
SWBRFL80	C52	80
SWBRID	B94	E2E6C2D9
SWBRKEY	C5C	
SWBRKYL	C70	18
SWBRMIPS	C52	82
SWBRMXKW	C52	42
SWBRMXLN	BB8	FFF
SWBRNUMK	C52	3
SWBROFDF	C44	
SWBROIP	BC8	
SWBROPDF	C4A	
SWBROSWB	B98	
SWBRSIZE	C74	
SWBRSJFP	BBC	
SWBRSJFW	BC0	
SWBRSJID	C54	
SWBRSJKN	C52	3
SWBRSJOS	C52	148
SWBRSTRT	B94	
SWBRSWID	C50	
SWBRWKAL	BC4	0
TCPREQ	BC	8000
TCPREQ2	BC	0
TKNMAPLN	948	50
TRANSNA	948	1
UNLIMITED_DSP_COUNT	948	F423F
UNLIMITED_JOB_COUNT	948	FFFFFF
UNLIMITED_JOB_COUNT2	948	FFFF
UNLOCKED	948	8
WSPACONS	AA4	0
WSPAECF	94C	
WSPARQ	B08	
WSPASUP	B04	
WSPBCMPL	A2E	8
WSPBDTRQ	96A	40
WSPBHLDC	9A5	10
WSPBHOLD	A2D	40
WSPBLBDT	9A5	40
WSPBLTCP	9A5	80
WSPBOTH	AFC	10

Table 301. Cross Reference for IATYIQOS (continued)

Name	Offset	Hex Tag
WSPBUFNC	99C	0
WSPBUFN4	A0C	0
WSPCARR	B54	14
WSPCCNTL	9A0	40
WSPCDE	A3C	0
WSPCDEST	98F	80
WSPCHAIN	948	
WSPCHNGE	953	4
WSPCKJBC	98A	0
WSPCKJBI	A04	
WSPCKPRQ	953	1
WSPCKPT	953	80
WSPCLAS	B54	20
WSPCLNUP	98F	10
WSPCLSN	B6F	0
WSPCLSRT	A30	18
WSPCLSS	B70	40404040
WSPCMPL	953	40
WSPCPMOD	B54	28
WSPCRJOB	A84	
WSPCSBT	A2E	40
WSPCTRL1	A2D	10
WSPCTRL2	A2D	8
WSPCVER	A8B	1
WSPDEL	952	10
WSPDEST	B54	8
WSPDFDST	98E	20
WSPDFLNE	B6A	40
WSPDM206	B6B	80
WSPDSHLD	A2E	20
WSPDSPTY	B6A	80
WSPDSRST	A2E	10
WSPDSTSK	A2F	20
WSPDUMPT	B6E	80
WSPEND	B94	
WSPENF58	98E	4
WSPERCVL	A28	16
WSPERCVW	A28	A14
WSPEXTS	AFC	80
WSPFAILD	953	2
WSPFCBID	A78	40404040
WSPFDB	B0C	0
WSPFDBS	B0C	
WSPFDBSV	96C	
WSPFDBT	954	0
WSPFDBTB	A10	0

Table 301. Cross Reference for IATYIQOS (continued)

Name	Offset	Hex Tag
WSPFFDBV	9A1	0
WSPFIRRQ	952	10
WSPFLAG	952	0
WSPFLASH	B54	24
WSPFLGS	AFC	0
WSPFLG1	953	0
WSPFLG10	B6E	0
WSPFLG11	9A5	0
WSPFLG2	B6A	0
WSPFLG3	B6B	0
WSPFLG4	A2D	0
WSPFLG5	A2E	0
WSPFLG6	A2F	0
WSPFLG7	98F	0
WSPFLG8	96A	0
WSPFLG9	98E	0
WSPFL708	98F	8
WSPFORM	B54	10
WSPFRSDD	B6C	0
WSPF1101	9A5	1
WSPF1102	9A5	2
WSPF1104	9A5	4
WSPF1108	9A5	8
WSPGET	952	2
WSPGETRL	B6A	8
WSPGJNAM	B6E	20
WSPGLOB1	A2F	2
WSPGTMND	A2F	80
WSPHWCNT	951	0
WSPHWLK	B6B	4
WSPHWWQP	96A	2
WSPHWWSP	B28	
WSPIBDCI	A8A	1
WSPID	9F8	40404040
WSPIDENT	A8A	
WSPIDJOT	A8A	2
WSPIDMJA	A8A	3
WSPIGR70	A8A	17
WSPIIQOS	A8A	4
WSPIMOCP	A8A	5
WSPIMOOS	A8A	6
WSPINTCP	9A5	20
WSPINTNR	A8A	7
WSPINTRS	A8A	8
WSPIOSB1	A8A	9
WSPIOSB2	A8A	A

Table 301. Cross Reference for IATYIQOS (continued)

Name	Offset	Hex Tag
WSPIOSB3	A8A	B
WSPIOSD1	A8A	C
WSPIOSD2	A8A	D
WSPIOSF1	A8A	E
WSPIOSF2	A8A	F
WSPIOSR2	A8A	18
WSPIOSSD	A8A	10
WSPIOSSO	A8A	11
WSPIOSTC	A8A	16
WSPIOSW1	A8A	12
WSPIOSW2	A8A	13
WSPIP	AFC	20
WSPIPURG	A8A	14
WSPISIOP	A8A	15
WSPJBFND	96A	4
WSPJDS	964	0
WSPJOBCM	A30	C
WSPJOBID	94A	94A
WSPJOBRP	98F	4
WSPLEN	962	
WSPLINE	B54	1C
WSPLTOS	A2D	4
WSPLTSNO	A2E	2
WSPLTTCP	98F	2
WSPLTTNO	98F	1
WSPMASK	950	0
WSPMLREQ	A2E	4
WSPNDOPT	98E	8
WSPNJE	A2F	4
WSPNJERC	B24	
WSPNJERD	96A	10
WSPNJERT	96A	20
WSPNOSAF	A2F	40
WSPNULL	B54	0
WSPOCHN	ADC	0
WSPOCNT4	AE8	0
WSPOFFST	99E	0
WSPOFST	B68	0
WSPOKRET	952	8
WSPOSA	A38	0
WSPOSE	B1C	
WSPOSEB4	B18	0
WSPOSEID	A24	D6E2C540
WSPOSELK	952	80
WSPOSEOF	A28	0
WSPOSERD	A30	0

Table 301. Cross Reference for IATYIQOS (continued)

Name	Offset	Hex Tag
WSPOSERL	A30	4
WSPOSEWR	A30	8
WSPOSPC	96B	0
WSPOSPND	B6B	2
WSPOSS	B20	
WSPOSSWB	AF4	0
WSPOSTJC	954	
WSPOSTJI	A08	
WSPOUTBN	B28	0
WSPPAGE	B00	0
WSPPBSKP	98F	20
WSPPECF	A31	0
WSPPEND	953	8
WSPPENSA	A40	0
WSPPGREL	B6A	1
WSPPMODE	B54	30
WSPPOSTD	953	20
WSPPRTY	B54	4
WSPPSCPT	998	0
WSPPSDRT	A8C	
WSPPSOSC	A2F	10
WSPPSOTM	A7C	0
WSPPTYPF	B6A	20
WSPPTYSV	B66	0
WSPPUT	952	4
WSPQCHG	98E	40
WSPRCAWR	96B	7
WSPRCCL	96B	0
WSPRCDAC	96B	4
WSPRCDAT	96B	8
WSPRCDMP	96B	FF
WSPRCERR	A2D	80
WSPRCINV	96B	6
WSPRCJOB	96B	1
WSPRCOUT	96B	5
WSPRCPSO	96B	2
WSPRCRQ	96B	3
WSPRECRD	948	948
WSPREL	952	8
WSPRESQ	A34	
WSPRQACC	96A	80
WSPRQADR	AA0	
WSPRQCMP	952	1
WSPRQFDB	A14	0
WSPRQINV	A2D	1
WSPRQPRM	96A	8

Table 301. Cross Reference for IATYIQOS (continued)

Name	Offset	Hex Tag
WSPRQRQD	B6A	10
WSPRQWS	B6B	8
WSPRSTD	B6A	2
WSPRSTG	B6A	4
WSPRSVDV	9A6	
WSPRSVD2	B2C	
WSPRSVD7	AFD	0
WSPRSVD8	A98	0
WSPRSVD9	A88	
WSPRSVFX	B67	0
WSPRSVS3	AB0	0
WSPRSVS4	A2A	0
WSPRSVS5	97C	0
WSPRSVS6	960	0
WSPRSVU1	AA8	0
WSPRSVU2	AC8	0
WSPRSV01	98C	
WSPRTNIN	A30	0
WSPRTN20	A30	14
WSPSADUM	A2E	1
WSPSAFFL	953	1
WSPSAPEN	A2E	80
WSPSAPRO	A2D	20
WSPSAVE	994	0
WSPSAVEA	A50	0
WSPSAVE2	A48	0
WSPSAVE3	A4C	0
WSPSAVE4	A90	
WSPSCHED	952	1
WSPSDWAD	A94	0
WSPSECPT	990	0
WSPSELC	B64	10
WSPSELD	B34	0
WSPSELM	B54	0
WSPSELMX	B54	30
WSPSELT	B44	0
WSPSIZE	B94	
WSPSKJOB	A2F	8
WSPSOTBN	AFC	40
WSPSRCHP	98E	10
WSPSSCWA	978	
WSPSSREQ	952	40
WSPSTA	A44	0
WSPSTACK	B54	2C
WSPSTART	948	
WSPSTRTD	953	10

Table 301. Cross Reference for IATYIQOS (continued)

Name	Offset	Hex Tag
WSPSWBID	AFA	
WSPSWTR	B6B	10
WSPSYSRQ	952	20
WSPTEEND	AB0	AB0
WSPTEEND_V0	AA8	AB0
WSPTEJBC	948	0
WSPTEJBI	A00	
WSPTESIZ	AB0	168
WSPTESIZ_V0	AA8	168
WSPTESSO	AB0	
WSPTESSO_V0	AB0	
WSPTEUID	94A	
WSPTOKEN	9A8	
WSPTPID	AEC	40404040
WSPTSO	953	8
WSPTYPE	B54	C
WSPUCS	B54	18
WSPUCSID	A74	40404040
WSPUNSCH	98F	40
WSPURSTA	A2D	2
WSPUSRID	A2F	1
WSPVER	A8B	
WSPVER01	A8B	1
WSPWOSP	B6B	20
WSPWOSW	B6B	40
WSPWSTME	AC0	0
WSPWTRSC	A30	10
WSPWTSCH	B6B	1
WSPXJMR	98E	80
WSPYOSPC	9FC	
WSP10R01	B6E	1
WSP10R02	B6E	2
WSP10R04	B6E	4
WSP10R08	B6E	8
WSP10R10	B6E	10
WSP206IS	B6E	40
WSP4BOSD	98E	1
WSP4BOSE	98E	2
WSP8RSV3	96A	1
WTRREQ	BC	FEC206
WTRREQ2	BC	0
ZBORROW	948	8
ZCARRY	948	2
ZERO	948	8
ZEROS	948	8
ZNBORROW	948	2

Table 301. Cross Reference for IATYIQOS (continued)

Name	Offset	Hex Tag
ZNCARRY	948	8

IATYISD information

IATYISD programming interface information

The following fields are **NOT** programming interface information:

- DVJRETRY
- IJDFLUSH
- IJDSCLOS
- IJDSGET
- IJDSOPEN
- IJDSREAD
- ISDHASH
- ISDHSHAD
- ISDIREPT
- ISDSECA
- ISDSTOKN
- ISDUNHAD
- ISDUNHAS
- ISFAILOC
- ISLMADDR
- ISLMDCND
- ISLMISDL
- ISLMISDS
- ISLMISEN
- ISLMISFR
- ISLMISJB
- ISLMISJL
- ISLMISJN
- ISLMISLG
- ISLMISMN
- ISLMISNJ
- ISLMISNT
- ISLMISPR
- ISLMJDE
- LOCADDR
- PWKPTR

IATYISD heading information

Common name: INPUT SERVICE DATA AREA

Macro ID: IATYISD

DSECT name:	IATISDT, DJSUCLST
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	IATISDT (IATISDT) Offset: 0 Length: 8
Storage attributes:	Subpool: 0 (JES3 Address Space)
Size:	IATISDT - 8K DJSUCLST - DJSUCLEN
Created by:	N/A
Pointed to by:	R13 in input service
Serialization:	None
Function:	INPUT SERVICE DATA AREA

IATYISD mapping

Table 302. Structure IATISDT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATISDT	

Table 303. Structure IATISDT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATISDT	
0	(0)	SIGNED	4	ISSTART(0)	

```
         IATYMOD BR=NO
                  JES3 MODULE ENTRY POINT IDENTIFIER
01 Change Activity:
   $SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0
```

0	(0)	CHARACTER	8		MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM

```
         COMMON INPUT SERVICE ROUTINES
```

```
         Module usage list - One entry for each module.
         Entries are mapped by the internal DSECT ISLMLIST.
                 8 lines deleted by APAR OW21624
```

296	(128)	DBL WORD	8	ISLMODLS(0)	Start of module list
296	(128)	ADDRESS	4	ISLMISJL	
312	(138)	ADDRESS	4	ISLMISLG	
328	(148)	ADDRESS	4	ISLMISDS	
344	(158)	ADDRESS	4	ISLMISFR	
360	(168)	ADDRESS	4	ISLMISJB	
376	(178)	ADDRESS	4	ISLMISPR	
392	(188)	ADDRESS	4	ISLMISMN	
408	(198)	ADDRESS	4	ISLMISDL	
424	(1A8)	ADDRESS	4	ISLMISEN	
440	(1B8)	ADDRESS	4	ISLMISNT	

Table 303. Structure IATISDT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
456	(1C8)	ADDRESS	1	ISLMDCND	
472	(1D8)	ADDRESS	4	ISLMISNJ	
488	(1E8)	ADDRESS	4	ISLMISJN	
504	(1F8)	ADDRESS	4	ISLMRSVD	RESERVED FOR DEV
504	(1F8)	X'1F8'	0	ISLMEND	"ISLMRSVD" LAST ENTRY IN TABLE
		DOUBLEWORD ALIGNMENT SECTION			
520	(208)	DBL WORD	8	DIGITS	Conversion work area
528	(210)	DBL WORD	8	ISDCONA(2)	HEX CONVERSION WORK AREA
544	(220)	DBL WORD	8	ISCRAT(20)	SCRATCH SPACE
704	(2C0)	DBL WORD	8	ISUX17L(10)	UX17 SE LIST
		INPUT SERVICE FDB'S ANY ADDITIONS MUST BE ALIGNED ON A FULLWORD BOUNDARY AND ADDED TO THE JESTAE SRF/MRF LIST. THESE FDB'S ARE ZEROED BETWEEN JOBS.			
792	(318)	SIGNED	4	IFDBST(0)	START OF JOB RELATED FDBS
792	(318)	BITSTRING	12	JDABADDR	JDAB BUFFER ADDRESS
804	(324)	BITSTRING	12	JMRADDR	JMR BUFFER ADDRESS
816	(330)	BITSTRING	12	OSEADDR	OUTPUT SCHED ELEMENT FDB
828	(33C)	BITSTRING	12	JDSADDR	FIRST JDS BUFFER ADDRESS
840	(348)	BITSTRING	12	FRPFDB	CUR FRP FDB FOR OUTPUT SE
852	(354)	BITSTRING	12	ERRCFDB	FDB FOR FRP ERROR RECOVERY
864	(360)	BITSTRING	12	JSTADDR	FDB FOR JST
876	(36C)	BITSTRING	12	JSTPADDR	FDB FOR SETUP PARM BUFFER
888	(378)	BITSTRING	12	SCHBUFDB	FDB FOR SCHEDULER BUFFER 0331
900	(384)	BITSTRING	0	ISDLXERC(0)	Parameter list for IATXERCV
900	(384)	BITSTRING	12	ISDLFDB	FDB FOR DEADLINE
912	(390)	SIGNED	4	ISDLSEQ4	Deadline queue sequence no.
916	(394)	CHARACTER	4	ISDLID	ID for IATXERCV parameter
920	(398)	SIGNED	2	ISDLOFST	Offset to 4-byte sequence number (always 0 for DLF) END OF PARAM LIST FOR XERCV 0331 0331
922	(39A)	SIGNED	2	ISDRSDH1	RESERVED FOR DEVELOPMENT
924	(39C)	SIGNED	4	(0)	GET NEXT FULLWORD BOUNDARY 0331
924	(39C)	BITSTRING	12	ISDLFDB1	FDB FOR DEADLINE
936	(3A8)	BITSTRING	12	PCDTADDR	FDB FOR PROCESS BUFFER
948	(3B4)	BITSTRING	28	TATBUILD	TAT BUILD AREA FOR JOB
976	(3D0)	SIGNED	2	TATBLD2	SAVE AREA
978	(3D2)	SIGNED	2	ISDRSDH2	RESERVED FOR DEVELOPMENT
980	(3D4)	BITSTRING	12	NFRPFDB	FDB FOR NEXT FRP
992	(3E0)	BITSTRING	12	ERRCCHN	FDB FOR ER RECOV CHAIN FRP
1004	(3EC)	BITSTRING	12	ASRADDR	Available Spool Records FDB
1016	(3F8)	SIGNED	4	ISDRSVD1(4)	Reserved for IBM
1032	(408)	SIGNED	4	ISDRSVD2(3)	Reserved for IBM
1044	(414)	SIGNED	4	ISDRSVD7(8)	Reserved for IBM
1076	(434)	SIGNED	4	ISDRSVD8(8)	Reserved for IBM

Table 303. Structure IATISDT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1108	(454)	BITSTRING	32	ISPNJMSG	SPINOFF JESMSGLG FDB
1140	(474)	BITSTRING	32	IJCLFDB	FDB FOR JESJCLIN
1172	(494)	BITSTRING	32	IMSGFDB	FDB FOR JESMSGLG 0302
1204	(4B4)	BITSTRING	1	ISJESJCL	JESJCL FDB
1204	(4B4)	X'4D4'	0	IFDBEND	"*" END OF JOB RELATED FDBS
1236	(4D4)	BITSTRING	32	SDINFDB	IS MRF INPUT FDB
1268	(4F4)	BITSTRING	12	ISPFDB	SAVE AREA FOR ISDRVR PARM FDB
1280	(500)	BITSTRING	12	ISDFDBSV	TEMP FDB SAVE AREA
1292	(50C)	BITSTRING	1	ISDJSMAD	Job symbol table FDB
	ROUTINE ADDRESSES.				
1304	(518)	SIGNED	4	IJDSNOTE	- POINTER TO NEXT ENTRY TO BE GIVEN
1308	(51C)	SIGNED	4	IJDSOPEN	- JDS OPEN ADDR
1312	(520)	SIGNED	4	IJDSREAD	- JDS READ ADDR
1316	(524)	SIGNED	4	IJDSCLOS	- JDS CLOSE ADDR
1320	(528)	SIGNED	4	IJDSGET	- JDS GET ADDR
1324	(52C)	SIGNED	4	IJDFLUSH	- JDS FLUSH ADDR
	SRF/MRF FDB LIST				
1328	(530)	SIGNED	4	ISFDBSTR(0)	BEGIN FDB LIST
1328	(530)	ADDRESS	4	JDABPTR	ADDRESS OF JDAB FDB
1332	(534)	ADDRESS	4	JMRPTR	ADDRESS OF JMR FDB
1336	(538)	ADDRESS	4	OSEPTR	ADDRESS OF OSE FDB
1340	(53C)	ADDRESS	4	JDSPTR	ADDRESS OF JDS FDB
1344	(540)	ADDRESS	4	FRP1PTR	ADDRESS OF FRP FDB
1348	(544)	ADDRESS	4	FRP2PTR	ADDRESS OF FRP ER RECOV FDB
1352	(548)	ADDRESS	4	JSTPTR	ADDRESS OF JST FDB
1356	(54C)	ADDRESS	4	PWKPTR	ADDRESS OF SETUP PARM FDB
1360	(550)	ADDRESS	4	SCHPTR	ADDRESS OF SCHEDULER BUF FDB
1364	(554)	ADDRESS	4	DL1PTR	ADDRESS OF DEADLINE FDB
1368	(558)	ADDRESS	4	DL2PTR	ADDRESS OF DEADLINE FDB
1372	(55C)	ADDRESS	4	PCDPTR	ADDRESS OF PROCESS BUF FDB
1376	(560)	ADDRESS	4	ISPPTR	ADDRESS OF IS PARM FDB
1380	(564)	ADDRESS	4	ISJDBPTR	ADDRESS OF IS JDAB
1384	(568)	ADDRESS	4	ISDRSVD4(3)	Reserved for IBM
1396	(574)	ADDRESS	4	ASRPTR	Address of ASR FDB
1400	(578)	ADDRESS	4	ISPDBPTR	ADDRESS OF PDB FDB
1404	(57C)	ADDRESS	4	SDINPTR	ADDRESS OF IS INPUT MRF FDB
1408	(580)	ADDRESS	4	JCLCURR	ADDRESS OF JESJCLIN FDB
1412	(584)	ADDRESS	4	MSGCURR	ADDRESS OF JESMSGLG FDB 0302
1416	(588)	ADDRESS	4	IJESJCLF	ADDRESS OF JESJCL FDB
1420	(58C)	ADDRESS	4	TATPTR	ADDRESS OF JOB TAT FDB
1420	(58C)	X'58C'	0	ISFDBEND	"TATPTR" TAT MUST BE LAST IN LIST
	VARIOUS AND SUNDRY POINTERS.				

Table 303. Structure IATISDT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1424	(590)	ADDRESS	4	ISCSSAD	Chained SRF services area
1428	(594)	ADDRESS	4	ICURRFRP	CURRENT FRP BUFFER ADDRESS
1432	(598)	ADDRESS	4	INEXTFRP	NEXT FRP BUFFER ADDRESS
1436	(59C)	ADDRESS	4	LOCADDR	ADDRESS FROM ALOCATE
1440	(5A0)	ADDRESS	4	DVJRETRY	JESTAE RETRY ADDRESS
1444	(5A4)	ADDRESS	4	CJDABSE	CURRENT JDAB SE ADDRESS
1448	(5A8)	ADDRESS	4	CJCTSE	CURRENT JCT SE ADDRESS
1452	(5AC)	ADDRESS	4	ISFAILOC	CC AND JSAM I/O LOCATION
1456	(5B0)	ADDRESS	4	JDSCURR	ADDRESS OF ACTIVE MRF FDB
1460	(5B4)	ADDRESS	4	PCDATCD	ADDRESS OF NEXT PLACE TO PUT DATA IN / PROCESS BUFFER
1464	(5B8)	ADDRESS	4	ISSTADDR	STAGING AREA ADDRESS FOR DEMAND SELECT JOBS
1468	(5BC)	ADDRESS	4	ISJQEHLD	JQE ADDRESS OF JCT HELD
1472	(5C0)	ADDRESS	4	ISJBCLPT	JOB CLASS TABLE ADDRESS
1476	(5C4)	ADDRESS	4	ISDSECA	ADDRESS OF SECURITY CHECK PARMLIST
1480	(5C8)	ADDRESS	4	ISJCTBLD	JCT BUILD AREA ADDRESS
1484	(5CC)	ADDRESS	4	ISDJCTXA	Address of JCTX build area
1488	(5D0)	ADDRESS	4	ISDLBLD	DEADLINE BUILD AREA ADDRESS
1492	(5D4)	ADDRESS	4	ISBUXWA	USER EXIT WORK AREA ADDRESS
1496	(5D8)	ADDRESS	4	ISDIREPT	CURRENT IRE ADDRESS
1500	(5DC)	ADDRESS	4	ERRORPTR	ADDRESS OF COLUMN CONTAINING SYNTAX ERROR
1504	(5E0)	ADDRESS	4	ISDJCLST	DJC SUCCESSOR LIST ADDRESS
	ISDRVR START/END TIMES.				
1508	(5E4)	SIGNED	4	TIMEON	- TIME ON FOR JOB
1512	(5E8)	SIGNED	4	TIMOFF	- TIME OFF FOR JOB
1516	(5EC)	SIGNED	4	IRTIMON	- READER START TIME THIS JOB
1520	(5F0)	SIGNED	4	IRDATON	- READER START DATE THIS JOB
1524	(5F4)	SIGNED	4	IRTIMOFF	- READER STOP TIME THIS JOB
1528	(5F8)	SIGNED	4	IRDATOFF	- READER STOP DATE THIS JOB
1532	(5FC)	SIGNED	4	CARDCNT	- CARD COUNT
1536	(600)	CHARACTER	8	ISMAINAM	ACMAIN= from / MAIN stmt
1544	(608)	SIGNED	4	LOCSAVE(2)	AREA FOR DSID ERROR POINTERS
1552	(610)	BITSTRING	1	CJCTSEST	JCT SE STATUS BYTE
1553	(611)	BITSTRING	1	ISMPSEQ	Main this job must run on
1554	(612)	BITSTRING	1	ISDRSVD(2)	RESERVED FOR DEVELOPMENT
1556	(614)	SIGNED	4	ISINTBJN	BINARY JOB NUMBER
1560	(618)	CHARACTER	8	ISDJOBID	JOB IDENTIFIER
1568	(620)	SIGNED	4	ISDSTFDB	ADDRESS OF SYMBOL TABLE FDB 0038
1572	(624)	SIGNED	4	ISDCONW	HEX CONVERSION WORK AREA
1576	(628)	SIGNED	4	ISNTIDSV(2)	SAVE AREA FOR NET ID $$$$
1584	(630)	SIGNED	4	PNAME(2)	DSP name (/ PROCESS)
1592	(638)	SIGNED	4	ISPNOTE(3)	- SAVE AREA FOR PBUF NOTE INFORMATION
1604	(644)	BITSTRING	1	ISPRMCNT	NO. OF JOB CARD PARAMETERS

Table 303. Structure IATISDT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1605	(645)	BITSTRING	1	ISDSFLG	DDNAME= QUALIFIER IATISDS
		1...		ISDSPR	"X'80'" PROC NAME FOUND
		.1..		ISDSST	"X'40'" STEP NAME FOUND
1606	(646)	BITSTRING	1	ISDNMLNG	JCL statement name length 0009 work field 0009
1608	(648)	ADDRESS	4	NJEJHFDB	NJE header FDB
1612	(64C)	ADDRESS	4	NJEJTFDB	NJE trailer FDB
1616	(650)	SIGNED	4	ISDCOMMA	ADDRESS OF COMMA IN PASSWORD
1 LINE DELETED BY DCRR DGR0016 D					
1620	(654)	SIGNED	4	DSNPTR	PTR TO START OF UPDATE DSN
1624	(658)	CHARACTER	8	ISDRNODE	NJE REPORT TO NODE NAME D016
1632	(660)	CHARACTER	8	ISDRUSER	NJE REPORT TO USERID D016
1640	(668)	BITSTRING	12	ICURRJDS	Current JDS buffer FDB
1652	(674)	SIGNED	4	ISDRSVU1(4)	RESERVED FOR USER
1668	(684)	SIGNED	4	ISDSUBNO	JOBNO OF INTRDR SUBMITTER 0020
ISMSGL MESSAGE MF=L MESSAGE MACRO LIST $T6=z1.13.0 HJS7780 110309 PD0TN: z 1.13.0					
1672	(688)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
1672	(688)	ADDRESS	4	ISMSGL	Text Address
1676	(68C)	BITSTRING	2		Destination Disp and Mask
1678	(68E)	BITSTRING	1		ACTION flag
1679	(68F)	ADDRESS	1		Options Flag
1680	(690)	BITSTRING	2		Descriptor Codes
1682	(692)	SIGNED	2		Reserved 2 Bytes
1684	(694)	BITSTRING	17		Routing Codes
1701	(6A5)	BITSTRING	1	(3)	Reserved
1704	(6A8)	BITSTRING	1	(8)	Jobid
1712	(6B0)	BITSTRING	1	(8)	Jobname
1720	(6B8)	BITSTRING	1	(8)	Key
1728	(6C0)	ADDRESS	4		CNDB Address 1
1732	(6C4)	ADDRESS	4		CNDB Address 2
1736	(6C8)	ADDRESS	4		CNDB Address 3
1740	(6CC)	ADDRESS	4		CNDB Address 4
1744	(6D0)	ADDRESS	4		CNDB Address 5
1748	(6D4)	ADDRESS	4		MLWO Address
IATYCNDB_1:;					
1752	(6D8)	SIGNED	4	ISDCNDB(0)	IATYCNDB.27: based variable for storage mapping
1752	(6D8)	SIGNED	4		Four byte console id 0176
1756	(6DC)	CHARACTER	4		IATYCNDB eyecatcher
1760	(6E0)	ADDRESS	4		IATYCNDB version
1764	(6E4)	BITSTRING	8		Reserved for development
1772	(6EC)	BITSTRING	8		Console Name 0176

Table 303. Structure IATISDT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1780	(6F4)	BITSTRING	24		Reserved for development
1804	(70C)	SIGNED	2		Reserved for development
1806	(70E)	BITSTRING	40		Reserved for development
		HALFWORD ALIGNMENT SECTION			
1846	(736)	CHARACTER	2	ASPXXCNT	- DS COUNT
1848	(738)	SIGNED	2	ISFLCNT	CARDS FLUSHED BEFORE //JOB
1850	(73A)	SIGNED	2	ISJCLCT	JESJCL RECORD COUNT
1852	(73C)	SIGNED	2	ISJMSGCT	JESMSGLG RECORD COUNT
1854	(73E)	SIGNED	2	ISRSVS1	RESERVED FOR SERVICE
1856	(740)	SIGNED	2	ISDLDAY	DEADLINE DAY
1858	(742)	SIGNED	2	ISDLTIME	DEADLINE TIME
1860	(744)	SIGNED	2	IRUCBTYP	READER DEVICE TYPE/CLASS JMR
1862	(746)	SIGNED	2	ISJCLBCT	JESJCL byte count
1864	(748)	SIGNED	2	ISJMSGBC	JESMSGLG byte count
1866	(74A)	SIGNED	2	ISHRSS1(4)	RESERVED FOR SERVICE
1874	(752)	SIGNED	2	ISHRSD1(2)	RESERVED FOR DEVELOPMENT
1878	(756)	SIGNED	2	ISHRSU1(4)	RESERVED FOR USER
1886	(75E)	BITSTRING	1	ISMSGJB	JOB'S MSGCLASS
1887	(75F)	BITSTRING	1	ISFLAG13	Input service flag byte 13
		Definition of ISFLAG13 These flags are not cleared between jobs.			
		1...		ISFAILSB	"X'80'" VERIFYX failed job submit SAF check in IATISEN
		.1..		ISJCNOCL	"X'40'" Do not check the job class 0023
		..1.		ISM6111F	"X'20'" IAT6111 message to be issued with JOB FLUSHED
		...1		ISMS6111	"X'10'" IAT6111 message to be issued
		.... 1...		ISASPCNT	"X'08'" ASP-style continuation detected
		.... .1..		ISASPREJ	"X'04'" Processing ASP-style JECL that will not be honored
		.... ..1.		ISDNTERQ	"X'02'" Non-TSO ENDREQ was issued
		1		ISDUSID8	"X'01'" ISTUSID contains 1-8 character user id
1888	(760)	BITSTRING	1	ISFLAG12	INPUT SERVICE FLAG BYTE
		DEFINITION OF ISFLAG12 These flags are not cleared between jobs.			
		1...		ISDNODJC	"X'80'" DO NOT INCLUDE THIS DJC JOB IN THE MISSING SUCCESSOR PASS
		.1..		ISDRACUV	"X'40'" SUBMITTER'S USERID PRESENT IN ISDRACU
		..1.		ISDBADPW	"X'20'" ERROR FOUND IN THE PASSWORD
1888	(760)	X'1C'	0	ISPAFLGS	"ISPASCAN+ISPASDUP+ISDJSCAN" PASSWORD FLAGS
		...1		ISPASCAN	"X'10'" SCANNING FOR PASSWORD= AS A PART OF A COMMENT

Table 303. Structure IATISDT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		ISPASDUP	"X'08'" DUPLICATE PASSWORD
		.... .1..		ISDJSCAN	"X'04'" POSSIBLE JOB CARD/STATEMENT CONTINUATION
		.... ..1.		ISDCOMFD	"X'02'" FOUND COMMA/SPACE AFTER THE OLD PASSWORD
		1		ISNULPAS	"X'01'" NULL PASSWORD FOR NJE JOBS
1889	(761)	BITSTRING	1	ISBFLG2	- FLAG
		DEFINITION OF ISBFLG2			
		.1..		ISBADSPR	"X'40'" - ADDRSPC=REAL FOUND ON JOB
		..1.		ISASCH	"X'20'" - ASCHINT JOB STARTING DC59
		...1		ISBPXAS	"X'10'" - BPXAS job starting
1890	(762)	CHARACTER	2	ISBUXID	CURRENT USER EXIT ID
		INPUT SERVICE FLAGS NOTE: THE FIELDS ISFLAGS AND ISFLGEND ARE USED FOR clearing the Input Service flags at entry to IATISDV. These flags must be contiguous.			
1892	(764)	BITSTRING	1	ISFLAGS(0)	INPUT SERVICE FLAGS
1892	(764)	BITSTRING	1	JCLFLAG1	Flag byte
		Definition of JCLFLAG1 Note that most of JCLFLAG1 is cleared in IATISDV between jobs.			
		1...		JDELIM	"X'80'" - NEW DELIMITER EXISTS
		.1..		JMODEC	"X'40'" - DCB=MODE=C SPECIFIED
		..1.		JENDCONT	"X'20'" - LAST CARD CONTINUATION
		...1		JNULL	"X'10'" - NULL CARD
		.... 1...		JSOUTCNT	"X'08'" - SYSIN CONTINUATION
		.... .1..		JDDATA	"X'04'" - DD DATA
		.... ..1.		JDDASK	"X'02'" - DD *
		1		JCFLG101	"X'01'" - Reserved
1893	(765)	BITSTRING	1	JCLFLAG2	Flag byte
		Definition of JCLFLAG2 Note that most of JCLFLAG2 is cleared in IATISDV between jobs.			
		1...		ISRFL280	"X'80'" RESERVED FLAG
		.1..		ISRFL240	"X'40'" RESERVED FLAG
		..1.		ISACMN	"X'20'" ACMAIN= APPEARS ON / MAIN
		...1		ISINTRDR	"X'10'" INTERNAL RDR JOB
		.... 1...		ISSADEL	"X'08'" DEL CARD FOUND
		.... .1..		IJOURNAL	"X'04'" JOURNAL= FOUND ON / MAIN
		.... ..1.		IJRNLYES	"X'02'" JOURNAL=YES FOUND ON / MAIN
		1		ISDATASJ	"X'01'" J=YES ON / DATASET
1894	(766)	BITSTRING	1	JCLFLAG3	Flag byte
		Definition of JCLFLAG3 Note that JCLFLAG3 is cleared in IATISDV between jobs.			

Table 303. Structure IATISDT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		ISLENERR	"X'80'" INPUT LENGTH ERROR
		.1..		ISLENFLU	"X'40'" ERROR MSG SENT
		..1.		JCLF3R20	"X'20'" RESERVED FOR SERVICE
		...1		ISADDSPR	"X'10'" ADDRSPC=REAL ON JOB CARD
		.... 1...		ISSYSOFF	"X'08'" SYSTEM=MAIN-NAME ON / MAIN
		.... .1..		ISNOJOB	"X'04'" NO JOB CARD FLAG
		.... ..1.		ISDUPINT	"X'02'" MULTIPLE / PROCESS CI
		1		ISJOBEM	"X'01'" JOB CARD ERROR MSG ISSUED
1895	(767)	BITSTRING	1	JCLFLAG4	Flag byte
		Definition of JCLFLAG4 Note that most of JCLFLAG4 is cleared in IATISDV between jobs.			
		1...		ISMSS	"X'80'" 'MSS=' BEING PROCESSED
		.1..		ISDJCJOB	"X'40'" DJC JOB PROCESSED
		..1.		ISPART	"X'20'" 'SPART=' WAS HERE ALREADY
		...1		ISMSGLV0	"X'10'" MSG LEVEL 0 FOR JCL
		.... 1...		ISDPRGSE	"X'08'" PURGE SE BUILT
		.... .1..		ISNUJTAT	"X'04'" A NEW JOBTAT HAS BEEN CREATED
		.... ..1.		ISFORCT	"X'02'" ILLEGAL FORMAT AC CARD
		1		ITRKGRPS	"X'01'" 'TRKGRPS' SPECIFIED ON MAIN
1896	(768)	BITSTRING	1	JCLFLAG5	Flag byte
		Definition of JCLFLAG5 Note that most of JCLFLAG5 is cleared in IATISDV between jobs.			
		1...		ISDTUX33	"X'80'" USER EXIT 33 WAS TAKEN
		.1..		ISDTUX34	"X'40'" USER EXIT 34 WAS TAKEN
		..1.		ISDTUX44	"X'20'" USER EXIT 44 WAS TAKEN
		...1		ISDTBYPS	"X'10'" BYPASS USER EXIT
		.... 1...		ISDTRCUR	"X'08'" RECURSIVE ENTRY INTO USER EXIT REQUESTED
		.... .1..		ISDTCONT	"X'04'" JCL CARD CONTINUED, ENTER THE SAME EXIT
		.... ..1.		ISUPDSER	"X'02'" ILLEGAL UPDATE= DSNAME
		1		ISDDELIM	"X'01'" XMIT DELIMITER ACTIVE 0431
		Be aware: Most of the flags between ISFLGBEG and ISFLGTRM are cleared in IATISDV between jobs. This includes all of ISFLAG1, ISFLAG4, ISFLAG5, and ISFLAG6, plus most of ISFLAG2 and ISFLAG3. ISJLOGFL is also cleared, along with much of ISFLAG9 and ISFLAG11.			
1897	(769)	BITSTRING	1	ISFLGBEG(0)	BEGIN FLAGS TO CLEAR OF 0652 RESIDUAL JOB DATA 0652
1897	(769)	BITSTRING	1	ISFLAG1	
		DEFINITION OF ISFLAG1			
		1111		IJOBCONT	"X'F0'" - JOB CARD CONTINUATION
		.1.1		IJOBDONE	"X'50'" - JOBCARD PROCESSED
		..1.		IENDPROC	"X'20'" - END PROCESS READ

Table 303. Structure IATISDT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		IDCB	"X'08'" - COLUMN BINARY DATASET
		.... .1..		IDCBFRST	"X'04'" - COLUMN BINARY FIRST HALF
		.... ..1.		IPROC	"X'02'" - / PROCESS READ
		1		IFRPBFWR	"X'01'" - FRP BUFFER TO BE WRITTEN
1898	(76A)	BITSTRING	1	ISFLAG2	Flag byte
		DEFINITION OF ISFLAG2			
		1...		IRDRPROC	"X'80'" - / PROCESS CICONTL ENCOUNTERED
		.1..		IMAINNOT	"X'40'" - / MAIN NOT SYSTEM SPECIFICATION
		..1.		IDATASET	"X'20'" - / DATASET ENCOUNTERED
		...1		INETCNT	"X'10'" - / NET CONTINUATION
		...1		IMAINCNT	"X'10'" - / MAIN CONTINUATION
		...1		IFMTOT	"X'10'" - FORMAT OUTPUT CONTINUATION
		.... 1...		IFMATER2	"X'08'" - DEVICE TYPE ERROR IN IATISFR
		.... .1..		IJOBSTUP	"X'04'" - JOB SETUP SPECIFIED
		.... ..1.		ISORGTSO	"X'02'" - JOB ORIGINATED FROM TSO OR 0009 THE JOB THAT SUBMITTED THIS 0009 JOB VIA THE INTRDR HAS A 0009 USERID ASSOCIATED WITH IT 0009 (E.G. *MAIN USERID=) 0009
		1		ISCOMENT	"X'01'" - COMMENT CARD NOT YET CHECKED
1899	(76B)	BITSTRING	1	ISFLAG3	Flag byte
		DEFINITION OF ISFLAG3			
		1...		INMLEND	"X'80'" - NORMAL END
		.1..		IJBREAD2	"X'40'" - JOB CARD READ
		..1.		IEOF	"X'20'" - EOF READ
		...1		ISDVPROC	"X'10'" - ISDRVR SCHEDULED VIA / PROCESS
		.... 1...		IABEND	"X'08'" - ABNORMAL TERMINATION
		.... .1..		IDJCPROC	"X'04'" - / PROCESS DJC ENCOUNTERED
		.... ..1.		IFLUSH	"X'02'" - CONTROL CARD ERROR
		1		IDJCMSE	"X'01'" - DJC NON-STANDARD DJC JOB HAS MAIN SE
1900	(76C)	BITSTRING	1	ISFLAG4	Flag byte
		DEFINITION OF ISFLAG4			
		1...		ILPAREN	"X'80'" - LEFT PAREN
		.1..		IPROC2	"X'40'" - / PROCESS ENCOUNTERED
		..1.		INITLOGC	"X'20'" - ISLOGIC INIT SWITCH
		...1		IDJCER3	"X'10'" - INVALID SPECIFICATION OF RELSCHCT
		.... 1...		IBUFF	"X'08'" - PROCESS DATA BUFFER
		.... .1..		ILPAREN2	"X'04'" - ADDITIONAL LEFT PAREN $$$$
		.... ..1.		INETPROC	"X'02'" - / NET CNTL CARD HAS BEEN PROCESSED

Table 303. Structure IATISDT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1		ISPWCONT	"X'01'" - PASSWORD CONTINUATION
1901	(76D)	BITSTRING	1	ISFLAG5	- Flag byte
		DEFINITION OF ISFLAG5			
		1...		IFMATPRT	"X'80'" - / FORMAT PR ENCOUNTERED
		.1..		IFMATAC	"X'40'" - / FORMAT AC ENCOUNTERED
		..1.		ISYSTEM	"X'20'" - SYSTEM= PARAMETER SPECIFIED
		...1		IJPRTY	"X'10'" - JPRTY SPECIFIED ON MAIN CARD
		.... 1...		ISDLEAPY	"X'08'" - DEADLINE LEAP YEAR FLAG
		.... .1..		ISDLPOST	"X'04'" - DEADLINE MUST BE POSTED
		.... ..1.		ISSEQACT	"X'02'" - SEQUENCE CHECKING ACTIVE
		1		ISYSTEMS	"X'01'" - SPECIFIC SYSTEM= FOUND
1902	(76E)	BITSTRING	1	ISFLAG6	Flag byte
		DEFINITION OF ISFLAG6			
		1...		ISMAINSE	"X'80'" - MAIN SE IN THIS JOB
		.1..		ISOUTPUT	"X'40'" - LAST SE CREATED WAS OUTPUT
		..1.		ISFLGFRE	"X'20'" Indicates that the job has been set loose by IATISEN and that the JESTAE routine in IATISDV should not try to return the job number in case an abend occurs.
		...1		ISCISE	"X'10'" JOB HAS C/I SE
		.... 1...		ISNETDON	"X'08'" NETWORK JOB COMPLETED ISNJ 0155
		.... .1..		ISDXMITS	"X'04'" JOB CONTAINS XMIT STATEMENT 0253
		.... ..1.		ILCOMMA	"X'02'" COMMA FOUND
		1		ISTYPE	"X'01'" - TYPE= PARM PROCESSED 0491
1902	(76E)	X'76F'	0	ISFLGTRM	"*" END OF FLAGS TO BE CLEARED 0652 OF RESIDUAL DATA 0652
1902	(76E)	X'6'	0	ISFLGLEN	"ISFLGTRM-ISFLGBEG" LENGTH OF FLAGS TO BE 0652 CLEARED OF RESIDUAL DATA 0652
1903	(76F)	BITSTRING	1	ISFLAG11	Flag byte 0491
		DEFINITION OF ISFLAG11 0 Note that much of ISFLAG11 is cleared in IATISDV between jobs.			
		1...		ISDRECFL	"X'80'" ISIR JESTAE RECURSION FLAG 0491
		.1..		ISD6109	"X'40'" ISIR - ISSUE IAT6109 0491
		..1.		ISDPURGE	"X'20'" ISPR - / PROCESS PURGE 0491
		...1		ISDPWENC	"X'10'" PASSWORD(S) ARE ENCRYPTED
		.... 1...		ISRQJBID	"X'08'" REQUEST JOBID JOB
		.... .1..		ISTSOSUB	"X'04'" JOB ORIGIN IS FROM A TSO SUB
		.... ..1.		ISHOLDJB	"X'02'" Force TYPRUN=HOLD
		1		ISMPSEQS	"X'01'" A main was specified that this job MUST run on 0491
1903	(76F)	X'770'	0	ISFLGEND	"*" END OF INPUT SERVICE FLAGS

Table 303. Structure IATISDT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1903	(76F)	X'C'	0	ISFLAGSZ	"ISFLGEND-ISFLAGS" LENGTH OF IS FLAGS
1904	(770)	CHARACTER	2	ISFLAGSU(0)	- USER INPUT SERVICE FLAGS
1904	(770)	BITSTRING	1	ISFLAG7	- RESERVED FOR USER
1905	(771)	BITSTRING	1	ISFLAG8	- RESERVED FOR USER
1906	(772)	BITSTRING	1	ISFLAG9	- FLAG BYTE FOR ISFLAG9
		Definition of ISFLAG9 Note that much of ISFLAG9 is cleared in IATISDV between jobs.			
		1...		ISDSEL	"X'80'" - DEMAND SELECT JOB
		.1..		ISFFRPB	"X'40'" - FIRST FRP BUFFER IS FULL
		..1.		ISOTSERV	"X'20'" - / PROCESS OUTSERV FOUND
		...1		ISMSGCLS	"X'10'" - MSGCLASS SET IN MSG DATASETS
		.... 1...		ISSYSLOG	"X'08'" - THIS JOB IS THE SYSTEM LOG
		.... .1..		ISUX28FL	"X'04'" DUMMY USER EXIT 28
		.... ..1.		ISUX29FL	"X'02'" DUMMY USER EXIT 29
		1		IS28FLSH	"X'01'" FLUSH JOB FROM UX28
1907	(773)	BITSTRING	1	ISFLAG10	- FLAG BYTE FOR ISFLAG10
		DEFINITION OF ISFLAG10 These flags are not cleared between jobs.			
		1...		ISMVSTSO	"X'80'" MVS/TSO JOB BEING PROCESSED
		.1..		ISCIRSVD	"X'40'" CI DEFAULT MSGCLASS RSVD
		..1.		ISDTHWSP	"X'20'" THWSSEP OVERRIDE PRESENT
		...1		ISRESTRT	"X'10'" INTRDR RESTART
		.... 1...		ISSYMTBL	"X'08'" SYMBOL TABLE PRESENT 0038
		.... .1..		ISJOBRST	"X'04'" RESTART= IS BEING PROCESSED
		.... ..1.		ISDTASET	"X'02'" / DATASET PRESENT
		1		ISDLN	"X'01'" - DEADLINE FOUND
1908	(774)	BITSTRING	1	ISSYSTEM	- SYSTEM TYPE FOR THIS JOB
		DEFINITION OF ISSYSTEM Note that ISSYSTEM is cleared in IATISDV between jobs.			
		1...		ISANY	"X'80'" - UNUSED
		.1..		ISGLOBAL	"X'40'" - ANY GLBL SYSTEM FOR THIS JOB
		..1.		ISLOCAL	"X'20'" - ANY LCL SYSTEM FOR THIS JOB
		.... .1..		ISANYJES	"X'04'" - ANY JES SYSTEM FOR THIS JOB
1909	(775)	BITSTRING	1	ISJOBPTY	JOB PRIORITY
1910	(776)	CHARACTER	1	ISJBFAIL	JOB FAILURE OPTION
1911	(777)	BITSTRING	1	IJDSFLAG	FLAG BYTE FOR IJDSFLAG 0153
		DEFINITION OF IJDSFLAG			
		.... 1...		IJOPEN	"X'08'" - OPEN COMPLETE / NO JDS CLOSE
		.... .1..		IJSAME	"X'04'" - JDSADDR = IJDSFRST
		.... ..1.		IJFIRST	"X'02'" - IJDSFRST READ IN

Table 303. Structure IATISDT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1912	(778)	CHARACTER	8	SDJOBORG	SAVE AREA FOR JOB ORIGIN 0153
1920	(780)	BITSTRING	1	SDFLG	- FLAG BYTE FOR ASPDRDR 0153
		DEFINITION OF SDFLG			
		1...		SDRESTRT	"X'80'" - RESTART
		.1..		SDORGBSC	"X'40'" - JOBS FROM RJP TERMINAL
		..1.		SDNOTOPN	"X'20'" - FIRST TIME OPENING OF M-R-F
		...1		ISNOPROC	"X'10'" - BYPASS '// ' CARD IN IATISJL
		1		SDCKPTJD	"X'01'" - NEED TO CKPT JOBS DONE CT
1921	(781)	BITSTRING	1	RDRDSP	- SUBRDR DSP NO
1922	(782)	BITSTRING	1	ROUTEFLG	- FLAG BYTE FOR ROUTEFLG
		DEFINITION OF ROUTEFLG Note that ROUTEFLG is cleared in IATISDV between jobs.			
		1...		NJPFORM	"X'80'" - UNUSED
		.1..		NORISE	"X'40'" - NO RICONTL CARD PROCESSING
		..1.		ISNVLDSE	"X'20'" INVALID / PROCESS RI $$$$ /CI FOR DEFINED SYSTEM $$$$
		.... ..1.		ISNJPINT	"X'02'" UNUSED
		1		ISLSTINT	"X'01'" / PROCESS CI, NO MAIN
		.... 1...		RODEST	"X'08'" - DEST KEYWORD FOUND
		.... .1..		ROFROM	"X'04'" - FROM KEYWORD FOUND
1923	(783)	BITSTRING	1	JCLFLAG6	FLAG BYTE
		DEFINITIONS FOR JCLFLAG6 These flags are not cleared between jobs.			
		1...		ISPASWDF	"X'80'" JOB CARD PASSWORD PROCESSED
		.1..		JCFLG640	"X'40'" RESERVED FOR SERVICE
		..1.		JCLENDCM	"X'20'" JCL Ended with a comma
		...1		ISPACONT	"X'10'" SCAN PASSWORD CONTINUED
		.... 1...		ISPARON	"X'08'" MUST SET ILPAREN
		.... .1..		ISDJNWAT	"X'04'" IATISNT WAITING FOR INPUT SERVICE ACTIVE COUNT TO BE ZERO FOR THIS NET
		.... ..1.		ISDPAERM	"X'02'" PASSWORD ERROR MSG ISSUED
		1		ISINAPOS	"X'01'" ENCLOSED IN APOSTROPHES 0431
1924	(784)	BITSTRING	1	XMITFLAG	Flag byte
		DEFINITIONS FOR XMITFLAG 0			
		1...		ISDXDEST	"X'80'" 'DEST=' PARM PROCESSED 0431
		.1..		ISDXCONT	"X'40'" XMIT STATEMENT CONTINUED 0431
		..1.		ISDXDLMA	"X'20'" XMIT DELIMITER ACTIVE 0431
		...1		ISDXREQH	"X'10'" REMOTE NODE = HOME NODE 0431
		.... 1...		ISDXQUOT	"X'08'" XMIT KEYWORD CONTAINS QUOTE
		.... .1..		ISDXSBCA	"X'04'" XMIT SUBCHARS ACTIVE 0431
1924	(784)	X'8'	0	ISDISJN	"8" Register for IATISJN load 0431

Table 303. Structure IATISDT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
REGISTER 8 CONTAINS AN OFFSET INTO A BRANCH TABLE USED WHEN 0 IATISLG CALLS IATISJN. THE FOLLOWING VALUES CAN BE USED TO 0 CALL THE CORRESPONDING SUBROUTINES LOCATED IN IATISJN. 0					
1924	(784)	X'0'	0	ISDSACCT	"0" JNIACCT 0431
1924	(784)	X'4'	0	ISDSROUT	"4" JNIROUTE 0431
1924	(784)	X'8'	0	ISDSXMIT	"8" JNIXMIT 0431
1924	(784)	X'C'	0	ISDSXCNT	"12" JNIXMITC 0431 0431
1924	(784)	X'F'	0	ISDISLG	"15" IATISJN return code 0431 register for IATISLG
REGISTER 15 CONTAINS AN OFFSET INTO A BRANCH TABLE USED 0 WHEN IATISJN RETURNS TO IATISLG. THE FOLLOWING VALUES CAN 0 BE USED TO RETURN TO SPECIFIC ENTRY POINTS LOCATED IN 0 IATISLG. 0					
1924	(784)	X'0'	0	ISDABEND	"0" ABEND 0431
1924	(784)	X'4'	0	ISDIN015	"4" IN015 0431
1924	(784)	X'8'	0	ISDIRTRN	"8" JNIRTRN 0431
1924	(784)	X'C'	0	ISDTRP01	"12" JNITRP01 0431
1925	(785)	BITSTRING	3	ISTRCFL(0)	JESTAE FLAGS
1925	(785)	BITSTRING	1	ISJSTAF1	Flag byte
1926	(786)	BITSTRING	2	ISJSTAFR	RESERVED FOR JES3 (JESTAE)
DEFINITION OF ISJSTAF1					
		1...		ISDSOSE	"X'80'" OSE LOCK SET
		.1..		ISDISACT	"X'40'" JNCB INPUT SERVICE ACTIVE COUNT (JNISACNT) WAS INCREMENTED
		..1.		ISDJDSRR	"X'20'" JDS buffer release required
1928	(788)	BITSTRING	1	ISPRMLVL	MESSAGE LEVEL FROM CI PARMS
1929	(789)	BITSTRING	1	ISFLAG14	Input Service flag 14
Definition of ISFLAG14 Note that much of ISFLAG14 is cleared in IATISDV between jobs.					
		1...		ISDN7556	"X'80'" ENDREQ w/o OA07556 support and no TSO id present
		.1..		ISJCNV2	"X'40'" Job needs C/I service on a main with JES3 V2R1 (or higher) to handle CLASS name >1 character
		..1.		IS613XPD	"X'20'" IAT6130/IAT6135 messages due to invalid CLASS name on JOB card, are pending
		...1		ISJBSYSK	"X'10'" JOB SYSTEM keyword is being processed
		.... 1...		ISJBSAFK	"X'08'" JOB SYSAFF keyword is being processed
		.... .1..		ISJBSAFA	"X'04'" SYSAFF with ANY specified
		.... ..1.		ISSYSJOB	"X'02'" SYSTEM= parameter specified from JOB statement
		1		ISJGDGBK	"X'01'" JOB GDGBIAS keyword present
1930	(78A)	BITSTRING	2	ISJNDLM(0)	DLM SAVE AREA
1930	(78A)	BITSTRING	1	ISJNDLM1	1ST CHARACTER OF DLM
1931	(78B)	BITSTRING	1	ISJNDLM2	2ND CHARACTER OF DLM

Table 303. Structure IATISDT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1932	(78C)	CHARACTER	2	ISDELIM	- DEFAULT DELIMITER
1934	(78E)	CHARACTER	8	ISJOBCLS	Job class 0153
1942	(796)	BITSTRING	1	ISPARMCI	CI DEFAULT MSGCLASS
1943	(797)	BITSTRING	1	JCLFLAG7	JCLLIB parse flags
		Definitions for JCLFLAG7 All flags (including reserved flags) are cleared between jobs.			
		1...		ISJLPROC	"X'80'" Proclib override used
		.1..		ISJLSPRM	"X'40'" JCLLIB subparm processing active flag
		..1.		ISJLCONT	"X'20'" JCLLIB continuation expected
		...1		ISJLQUOT	"X'10'" JCLLIB quoted string processing active flag
		.... 1...		ISJLKEY	"X'08'" JCLLIB keyword expected
		.... .1..		ISJLDONE	"X'04'" JCLLIB statement processed
		.... ..1.		JCLFL702	"X'02'" Reserved for IBM
		1		JCLFL701	"X'01'" Reserved for IBM
1944	(798)	BITSTRING	1	ISDLYEAR	DEADLINE YEAR
1945	(799)	CHARACTER	8	ISDDNAME	INPUT DDNAME 0153
1953	(7A1)	CHARACTER	4	ISUA	INPUT DEVICE NUMBER (EBCDIC)
1957	(7A5)	BITSTRING	8	ISDRACU	SUBMITTER'S USER ID 0153
1965	(7AD)	BITSTRING	8	ISDRACG	SUBMITTER'S GROUP ID 0153
1973	(7B5)	CHARACTER	8	ISDUSERI	USER= KEYWORD VALUE FROM THE JOB STATEMENT
1981	(7BD)	CHARACTER	8	ISDGROUP	GROUP= KEYWORD VALUE FROM THE JOB STATEMENT
1989	(7C5)	CHARACTER	8	ISDSECLB	SECLABEL= KEYWORD VALUE FROM THE JOB STATEMENT
1997	(7CD)	CHARACTER	8	ISTUSID	- TSO USER ID
2005	(7D5)	CHARACTER	8	ISACMAIN	- TSO MAIN NAME
2013	(7DD)	CHARACTER	2	ISPARMID	PARM ID FOR C/I 0153
2015	(7DF)	BITSTRING	1	ISSRHDSP	- DSP NO FOR SEARCH ARGUMENT
2016	(7E0)	BITSTRING	1	ISCHGDSP	- DSP NO TO CHANGE TO
2017	(7E1)	CHARACTER	1	ISIRCLAS	INTRDR DEFAULT MSGCLASS
2018	(7E2)	BITSTRING	1	ISDSUBMP	Submitting MP sequence # 05212STC
2019	(7E3)	CHARACTER	16	ISSCHENV	Scheduling environment 18588TAA parsed from JOB card 18588TAA
2035	(7F3)	CHARACTER	80	ISCDBUFF	BUFFER 4 CARD LT 80 COL 0153
		THE FOLLOWING WORK AREA IS USED TO BUILD A START 0 COMMAND THAT IS INTERCOM'ED TO DJCUPDAT FOR MISSING 0 SUCCESSOR PROCESSING. THE ADDRESS OF A MISSING 0 SUCCESSOR TABLE IS PASSED IN THE COMMAND TEXT. 0 SINCE THE INTERCOM RESULTS IN A MGCRE (SVC 34) TO 0 BE ISSUED, THE TABLE ADDRESS IS PASSED IN CHARACTER 0 FORMAT TO PREVENT THE SVC34 PROCESSOR FROM 0 PERFORMING CHARACTER TRANSLATION ON THE TABLE ADDR. 0			
2115	(843)	ADDRESS	1	ISDVINTM	Command length
2116	(844)	CHARACTER	12		
2128	(850)	CHARACTER	18	ISDVINTD	INTERCOM DATA

Table 303. Structure IATISDT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2128	(850)	X'850'	0	ISDVINTL	"ISDVINTD,8" SPACE FOR TABLE ADDRESS 0159
2146	(862)	BITSTRING	2		DJCUPDAT MSSG SUCC PASS
2146	(862)	X'864'	0	ISDVINTE	"*" END OF COMMAND WORK AREA 0159
2148	(864)	SIGNED	4	(0)	
		DATA AREAS FOR NETWORKING INPUT SERVICE			
2148	(864)	CHARACTER	20	ISDPNAME	PROGRAMMER NAME - NJE HDRS
2168	(878)	CHARACTER	8	ISDNACCT	NETWORK ACCOUT # - NJE HDRS
2176	(880)	CHARACTER	8	ISUSERID	USER-ID - NJE HDRS
2184	(888)	CHARACTER	8	ISDNDEPT	DEPARTMENT NUMBER -NJE HDRS
2192	(890)	CHARACTER	8	ISDNBLDG	BUILDING NUMBER - NJE HDRS
2200	(898)	CHARACTER	8	ISDNROOM	ROOM NUMBER - NJE HDRS
2208	(8A0)	SIGNED	4	ISDUSERF	NJE WORK AREA ADDRESS
2212	(8A4)	SIGNED	4	SDJOBNUM	JES3 job number
2216	(8A8)	CHARACTER	8	SDUSERID	PROGRAMMER USERID
2224	(8B0)	CHARACTER	8	SDJDORG2	SECONDARY ORIGIN
2232	(8B8)	BITSTRING	1	SDJDNJFL	COPY OF JDABNJE1 FLAG BYTE
2233	(8B9)	BITSTRING	1	SDJDNJF2	COPY OF JDABNJE2 FLAG BYTE
2234	(8BA)	BITSTRING	1	SDJDORGQ	MAIN INDEX
2235	(8BB)	CHARACTER	8	SDJDXEQU	EXECUTION USER ID
		PASSWORD INFORMATION. THE FOLLOWING PASSWORDS ARE OBTAINED FROM THE NJE JOB HEADER AND PUT IN THE ISDRVR'S JDAB WHEN THE JOB ARRIVES AT THIS NODE. ISDRVR SAVES THESE PASSWORDS IN ISDCPWD AND ISDNPWD SO THAT THEY CAN BE TRANSFERED LATER TO THE JOB'S JDAB.			
2243	(8C3)	BITSTRING	9	ISDCPWD(0)	OLD NJE PASSWORD
2243	(8C3)	BITSTRING	1	ISDCPLN	PASSWORD LENGTH
2244	(8C4)	CHARACTER	8	ISDCPAS	Current password
2252	(8CC)	BITSTRING	9	ISDNPWD(0)	NEW NJE PASSWORD
2252	(8CC)	BITSTRING	1	ISDNPLN	NEW PASSWORD LENGTH
2253	(8CD)	CHARACTER	8	ISDNPAS	New password
		PASSWORD RELATED TRANSLATE TABLE ADDRESSES.			
2264	(8D8)	ADDRESS	4	ISDUNHAD	ADDRESS OF TRANSLATE TABLE USED TO UNHASH PASSWORDS
2268	(8DC)	ADDRESS	4	ISDHSHAD	ADDRESS OF TRANSLATE TABLE USED TO HASH PASSWORDS
		MISCELLANEOUS PASSWORD INFORMATION.			
2272	(8E0)	ADDRESS	4	ISPASRET	IATISJB PASSWORD ROUTINE RETURN ADDRESS
2276	(8E4)	CHARACTER	9	ISPSWSAV(0)	PASSWORD SAVE AREA USED 0641 FOR THE FOLLOWING: 0641 0641 0641 1) (ISEN) WHEN PASSING A PASSWORD TO SAF FOR 0641 JOB VALIDATION 0641 0641 2) (ISEN) WHEN PASSING A PASSWORD TO SAF FOR 0641 ENCRYPTION 0641 0641 3) (ISNJ) WHEN PASSING A PASSWORD TO SAF FOR 0641 ENCRYPTION 0641 0641

Table 303. Structure IATISDT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2276	(8E4)	BITSTRING	1	ISPSWSVL	SAVED PASSWORD LENGTH 0641
2277	(8E5)	CHARACTER	8	ISPSWSVD	SAVED PASSWORD DATA 0641
2288	(8F0)	SIGNED	4	ISPASADD	ADDRESS OF VALID PASSWORD
2292	(8F4)	CHARACTER	14	ISDRSVS3	RESERVED FOR SERVICE
2306	(902)	BITSTRING	9	ISDOLDPW(0)	WORK AREA FOR OLD PASSWORD
2306	(902)	BITSTRING	1	ISDOLDPL	LENGTH OF OLD PASSWORD
2307	(903)	CHARACTER	8	ISDOLDPT	Old password text
2315	(90B)	BITSTRING	9	ISDNEWPW(0)	WORK AREA FOR NEW PASSWORD
2315	(90B)	BITSTRING	1	ISDNEWPL	LENGTH OF NEW PASSWORD
2316	(90C)	CHARACTER	8	ISDNEWPT	New password text
2324	(914)	BITSTRING	1	ISFLAGX	JOB CARD PROCESSING FLAGS
	DEFINITION OF ISFLAGX				
		1...		ISACTPRO	"X'80'" ACCOUNTING INFO PROCESSED
		.1..		ISAPOEFF	"X'40'" APOSTROPHE IN EFFECT
		..1.		ISKEYFND	"X'20'" JOB CARD KEYWORD FOUND
2325	(915)	BITSTRING	1	ISJLOGFL	JESLOG flag
	Definition of ISJLOGFL ISJLOGFL is cleared in IATISDV between jobs.				
		1...		ISSPIN	"X'80'" SPIN was specified
		.1..		ISSUPR	"X'40'" SUPPRESS was specified
		..1.		ISNOSPIN	"X'20'" NOSPIN was specified
2326	(916)	BITSTRING	2	ISDXSBCS	XMIT SUBCHARS= PARAMETER
2328	(918)	BITSTRING	2	IS6126ER	MSG IAT6126 ERROR CODE
2330	(91A)	BITSTRING	2	IS6126RC	MSG IAT6126 REASON CODE
2332	(91C)	CHARACTER	4	ISDRSVS5	RESERVED FOR SERVICE
2336	(920)	SIGNED	4	ISDACTS1	SAVE AREA FOR POSSIBLE
2340	(924)	SIGNED	4	ISDACTS2	JOB CARD CONTINUATION
2344	(928)	ADDRESS	4	ISDACTIA	Accounting information addr
2348	(92C)	BITSTRING	1	ISACCCNT	Number of accounting fields
2349	(92D)	BITSTRING	143	ISACCTXT	Accounting information text
2492	(9BC)	SIGNED	4	ISDOWNJB	Spool space owning job no.
2496	(9C0)	BITSTRING	1	ISDTSOMP	MP sequence number for job originating from TSO
2497	(9C1)	BITSTRING	1	ISDNJEF1	Network flag
	Definition of ISDNJEF1				
		1...		ISDTCP	"X'80'" Processing TCP node
		.1..		ISDBSC	"X'40'" Processing BSC Node
		..1.		ISDNJ120	"X'20'" Reserved for IBM
		...1		ISDNJ110	"X'10'" Reserved for IBM
		.... 1...		ISDNJ108	"X'08'" Reserved for IBM
		.... .1..		ISDNJ104	"X'04'" Reserved for IBM
		.... ..1.		ISDNJ102	"X'02'" Reserved for IBM
		1		ISDNJ101	"X'01'" Reserved for IBM

Table 303. Structure IATISDT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2498	(9C2)	BITSTRING	2	ISJNSBCS	EXTRACTED SUBCHARS DELIMITER
2500	(9C4)	SIGNED	4	ISDTRGSV(18)	REGISTER SAVE AREA
2572	(A0C)	BITSTRING	1	ISDNJEFL	NETWORK FLAGS
	DEFINITION OF ISDNJEFL				
		1...		ISDXMIT	"X'80'" PROCESSING XMIT CARD 0431
		.1..		ISDROUTE	"X'40'" PROCESSING ROUTE CARD 0431
		..1.		ISDSNA	"X'20'" PROCESSING SNA NODE 0431
		...1		ISDNFLSH	"X'10'" FLUSH NETWORK JOB 0431
		.... 1...		ISDNSKCI	"X'08'" SKIP CI / MAIN PROCESSING 0431
		.... .1..		ISDNALOW	"X'04'" XMIT / ROUTE ALLOWED 0431
		.... ..1.		ISDNSKTK	"X'02'" SKIP SECURITY TOKEN PROCESSING 0431 0431 0431
2573	(A0D)	CHARACTER	2	ISDXDLM(0)	XMIT DELIMITER
2573	(A0D)	CHARACTER	1	ISDXDLM1	FIRST BYTE OF DELIMITER
2574	(A0E)	CHARACTER	1	ISDXDLM2	SECOND BYTE OF DELIMITER
2575	(A0F)	CHARACTER	80	ISDSACD	SAVE XMIT DESTINATION CARD 0153
2656	(A60)	SIGNED	4	ISDSAV1	ISLG 2ND BASE REG SAVE AREA
2660	(A64)	SIGNED	4	ISDSAV2	REGISTER SAVE AREA
2664	(A68)	SIGNED	4	ISDSAV3	REGISTER SAVE AREA
2668	(A6C)	BITSTRING	16	ISDTCLK	MVS TIME service data area
2668	(A6C)	SIGNED	4	ISDTIME1	Word 1 of TIME
2672	(A70)	SIGNED	4	ISDTIME2	Word 2 of TIME
2676	(A74)	SIGNED	4	ISDDATE	Current date
2680	(A78)	SIGNED	4	ISDTIME4	Unused
2684	(A7C)	BITSTRING	8	ISDSTCK	STCK work area
	MACDATE 02/15/04				
2692	(A84)	SIGNED	4	ISDTIMEL(0)	
2692	(A84)	BITSTRING	28		
	MACDATE 05/30/98				
2692	(A84)	SIGNED	4	ISDCTODL(0)	
2692	(A84)	BITSTRING	32		
	TRANSLATE TABLE TO CHECK FOR ALPHAMERIC OR NATIONAL				
2724	(AA4)	CHARACTER	1	ISDTRT(91)	X'00 TO X'3F' BLANKS 0431
2815	(AFF)	BITSTRING	1		TEST BYTE FOR $
2816	(B00)	CHARACTER	1	(31)	X'5C TO X'7B' BLANKS
2847	(B1F)	BITSTRING	2		TEST BYTES FOR # AND @
2849	(B21)	CHARACTER	1	(68)	X'7D' TO X'C0' BLANKS
2917	(B65)	BITSTRING	9		TEST BYTES FOR A THRU I
2926	(B6E)	CHARACTER	1	(7)	X'CA TO X'D0' BLANKS
2933	(B75)	BITSTRING	9		TEST BYTES FOR J THRU R

Table 303. Structure IATISDT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2942	(B7E)	CHARACTER	1	(8)	X'DA TO X'E1' BLANK
2950	(B86)	BITSTRING	8		TEST BYTES FOR S THRU Z
2958	(B8E)	CHARACTER	1	(6)	X'EA TO X'EF BLANK
2964	(B94)	BITSTRING	10		TEST BYTES FOR 0 THRU 9
2974	(B9E)	CHARACTER	1	(6)	X'FA TO X'FF' BLANK
2980	(BA4)	CHARACTER	120	ISMSGBLD	MESSAGE BUILD AREA -
3100	(C1C)	CHARACTER	80	ISDSTOKN	SUBMITTOR TOKEN AND PORT OF 0246
3180	(C6C)	CHARACTER	8	ISDPOE	ENTRY FOR INTRDR JOBS 0250
3194	(C7A)	CHARACTER	8	ISDPSTN	Procedure step name 0009
3202	(C82)	CHARACTER	8	ISDSTEPN	Step name 0009
3210	(C8A)	CHARACTER	8	ISDDNAM	SYSIN DD name 0009
3218	(C92)	BITSTRING	2	ISRSVDI	Reserved for IBM
3220	(C94)	ADDRESS	4	ISRCEAD	Chained SRF extension

```
Data areas for GTZ tracking of JECL usage.
- Updates to GTZEVENT must also be made in IATYISD.
GTZEVENT defines the event description for the
GTZ record with the layout:
'|00000000 000xxxxx| pppppppp jjjjjjjj ssssssss'
- Vertical bar chars = usage flag delimiters
- JECL usage flags (xxxxx is unused flags)
- pppppppp = point of entry of the job stream
- jjjjjjjj = job name
- ssssssss = submitter's user id for IATISLG
```

3224	(C98)	CHARACTER	9	GTZEVENT(0)	Event description
3224	(C98)	CHARACTER	1	GTZTRK	Delimiter set when JECL statements are found
3225	(C99)	CHARACTER	1	GTZCMD	JES3 command stmt indicator
3226	(C9A)	CHARACTER	1	GTZDATA	DATASET stmt indicator
3227	(C9B)	CHARACTER	1	GTZFORM	FORMAT stmt indicator
3228	(C9C)	CHARACTER	1	GTZMAIN	MAIN stmt indicator
3229	(C9D)	CHARACTER	1	GTZNET	NET stmt indicator
3230	(C9E)	CHARACTER	1	GTZNETA	NETACCT stmt indicator
3231	(C9F)	CHARACTER	1	GTZOPER	OPERATOR stmt indicator
3232	(CA0)	CHARACTER	1	GTZPAUS	PAUSE stmt indicator
3233	(CA1)	CHARACTER	1		Blank character separator
3234	(CA2)	CHARACTER	3	GTZBYTE2(0)	
3234	(CA2)	CHARACTER	1	GTZPROC	PROCESS stmt indicator
3235	(CA3)	CHARACTER	1	GTZROUT	ROUTE stmt indicator
3236	(CA4)	CHARACTER	1	GTZSIGN	SIGNON stmt indicator
3237	(CA5)	CHARACTER	7		Unused flags and delimiter
3244	(CAC)	CHARACTER	8	GTZPOE	Point of entry
3252	(CB4)	CHARACTER	1		Blank character separator
3253	(CB5)	BITSTRING	8	GTZJOBN	Job name
3261	(CBD)	CHARACTER	1		Blank character separator
3262	(CBE)	CHARACTER	8	GTZJSUBT	Job submitter's user id
3262	(CBE)	X'2E'	0	GTZEVNTL	"*-GTZEVENT" Event description length

```
,GTZTRACK MF=(L,GTZPLST)
                   MACDATE -03/07/19-<0>
```

Table 303. Structure IATISDT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	X'CC8'	0	M00M0076	"GTZPLST" ++ GTZTRACK NAME
3272	(CC8)	DBL WORD	8	GTZPLST(0)	++ GTZTRACK PARM LIST
3272	(CC8)	BITSTRING	1	GTZPLST_XVERSION	++ INPUT XVERSION
3273	(CC9)	BITSTRING	1	GTZPLST_XFLAGS1	++ FIELD_LABEL
		1...		GTZPLST_XCNZTRKR_YES	"B'10000000'" ++ XCNZTRKR.YES KEYWORD
		.1..		GTZPLST_XGTZATRKP_YES	"B'01000000'" ++ XGTZATRKP.YES KEYWORD
		...1		GTZPLST_XEVENTADDR0_YES	"B'00010000'" ++ XEVENTADDR0.YES KEYWORD
3274	(CCA)	BITSTRING	2	GTZPLST_XEVENTASIDVAL	++
3276	(CCC)	BITSTRING	1	GTZPLST_XNOABEND	++ XNOABEND
3276	(CCC)	X'1'	0	GTZPLST_XNOABEND_YES	"1" ++ XNOABEND.YES KEYWORD
3276	(CCC)	X'0'	0	GTZPLST_XNOABEND_NO	"0" ++ XNOABEND.NO KEYWORD
3277	(CCD)	BITSTRING	1	GTZPLST_XEVENTASID	++ XEVENTASID
3277	(CCD)	X'0'	0	GTZPLST_XEVENTASID_HOME	"0" ++ XEVENTASID.HOME KEYWORD
3277	(CCD)	X'1'	0	GTZPLST_XEVENTASID_PRIMARY	"1" ++ XEVENTASID.PRIMARY KEYWORD
3277	(CCD)	X'2'	0	GTZPLST_XEVENTASID_SECONDARY	"2" ++ XEVENTASID.SECONDARY KEYWORD
3277	(CCD)	X'4'	0	GTZPLST_XEVENTASID_VALUE	"4" ++ XEVENTASID.VALUE KEYWORD
3278	(CCE)	BITSTRING	2	GTZPLST_XPROGRAMPATHLEN	++ FIELD_LABEL
3280	(CD0)	CHARACTER	8	GTZPLST_XSOURCE	++
3288	(CD8)	CHARACTER	16	GTZPLST_XOWNER	++
3304	(CE8)	ADDRESS	8	GTZPLST_XEVENTDESC_ADDR3164	++ ADDR3164
3312	(CF0)	SIGNED	4	GTZPLST_XSOURCEPATH_ALET	++ ALET
3316	(CF4)	SIGNED	4	GTZPLST_XEVENTDESC_ALET	++ ALET
3320	(CF8)	CHARACTER	16	GTZPLST_XEVENTDATA	++
3336	(D08)	CHARACTER	16	GTZPLST_XEVENTPSW16	++
3352	(D18)	BITSTRING	2	GTZPLST_XSOURCEPATHLEN	++
3354	(D1A)	BITSTRING	2	GTZPLST_XEVENTDESCLEN	++
3356	(D1C)	SIGNED	4	GTZPLST_XPROGRAMPATH_ALET	++ FIELD_LABEL
3360	(D20)	CHARACTER	8	GTZPLST_XPROGRAM	++ FIELD_LABEL
3368	(D28)	DBL WORD	8	GTZPLST_XPROGRAMOFFSET	++ FIELD_LABEL
3376	(D30)	CHARACTER	8	GTZPLST_XGTZATRKPCPSW	++ FIELD_LABEL
3384	(D38)	BITSTRING	2	GTZPLST_XTRKOUTDBGACTRSN	++ FIELD_LABEL
3386	(D3A)	CHARACTER	6	GTZPLST_XRSV0002	++ RESERVED
3392	(D40)	CHARACTER	8	GTZPLST_XTRKOUTEVENTJOB	++ FIELD_LABEL
3392	(D40)	X'D48'	0	GTZPLST_PL_END	"*" ++ END OF BASE PLIST
3276	(CCC)	BITSTRING	1	GTZPLST_XNOABENDVAL	++
3280	(CD0)	ADDRESS	8	GTZPLST_XSOURCEPATH_ADDR3164	
3360	(D20)	ADDRESS	8	GTZPLST_XPROGRAMPATH_ADDR3164	
3336	(D08)	CHARACTER	8	GTZPLST_XEVENTPSW8	++
3344	(D10)	ADDRESS	8	GTZPLST_XEVENTADDR	++
3400	(D48)	X'80'	0	GTZPLSTL	"*-GTZPLST" ++ LENGTH OF PLIST

GTZTRACK-0

Table 303. Structure IATISDT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
3400	(D48)	DBL WORD	8	GTZPSW16(2)	Data for EVENTPSW16=
3416	(D58)	CHARACTER	16	GTZOWN	Data for OWNER=
3432	(D68)	CHARACTER	8	GTZSRC	Data for SOURCE=
3440	(D70)	ADDRESS	2	GTZEDLEN	Data for EVENTDESCLEN=
		DATA AREAS ADDRESSABLE VIA PRIOR ADDRESS CONSTANTS			
		TRANSLATE TABLES TRANSLATE TABLE TO LOOK FOR SPECIAL CHARACTERS.			
4096	(1000)	CHARACTER	256	ISDTRTB(0)	DLM TRT TABLE
4096	(1000)	BITSTRING	1	(193)	SPECIAL CHARS
4289	(10C1)	BITSTRING	1	(9)	FIRST SET OF ALPHABET LETT.
4298	(10CA)	BITSTRING	1	(7)	SPECIAL CHARS
4305	(10D1)	BITSTRING	1	(9)	SECOND SET OF ALPHABET LETT.
4314	(10DA)	BITSTRING	1	(8)	SPECIAL CHARS
4322	(10E2)	BITSTRING	1	(8)	THIRD SET OF ALPHABET LETT.
4330	(10EA)	BITSTRING	1	(6)	SPECIAL CHARS
4336	(10F0)	BITSTRING	1	(10)	NUMBERS RAPRESENTATION
4346	(10FA)	BITSTRING	1	(6)	SPECIAL CHARS
		TRANSLATE TABLE TO CONVERT LOWER CASE CHARACTERS TO UPPER CASE, AND TO SET UNDEFINED CHARACTERS TO BLANKS.			
4352	(1100)	CHARACTER	1	ISDTRTBL(74)	X'00' TO X'49' BLANKS
4426	(114A)	BITSTRING	1		X'4A' Special character
4427	(114B)	CHARACTER	7		X'4B' TO X'50' SP CHARS
4433	(1151)	CHARACTER	1	(9)	X'51' TO X'59' BLANKS
4442	(115A)	CHARACTER	8		X'5A' TO X'61' SP CHARS
4450	(1162)	CHARACTER	1	(8)	X'62' TO X'69' BLANKS
4458	(116A)	BITSTRING	1		X'6A' SPECIAL CHARACTER
4459	(116B)	CHARACTER	5		X'6B' TO X'6F' SP CHARS
4464	(1170)	CHARACTER	1	(9)	X'70' TO X'78' BLANKS
4473	(1179)	BITSTRING	1		X'79' SPECIAL CHARACTER
4474	(117A)	CHARACTER	7		X'7A' TO X'7F' SP CHARS
4480	(1180)	CHARACTER	16		LOWER CASE ALPHA CHARS
4496	(1190)	CHARACTER	16		LOWER CASE ALPHA CHARS
4512	(11A0)	BITSTRING	2		X'A0' BLANK, X'A1' SPEC CHAR
4514	(11A2)	CHARACTER	14		LOWER CASE ALPHA CHARS
4528	(11B0)	CHARACTER	1	(16)	X'B0' TO X'BF' CHARACTERS
4544	(11C0)	BITSTRING	1		X'C0' SPECIAL CHARACTER
4545	(11C1)	CHARACTER	15		UPPER CASE ALPHA CHARS
4560	(11D0)	BITSTRING	1		X'D0' SPECIAL CHARACTER
4561	(11D1)	CHARACTER	15		UPPER CASE ALPHA CHARS
4576	(11E0)	BITSTRING	1		X'E0' SPECIAL CHARACTER
4577	(11E1)	CHARACTER	15		UPPER CASE ALPHA CHARS
4592	(11F0)	CHARACTER	16		

Table 303. Structure IATISDT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		TRANSLATE TABLE FOR UNHASHING A PASSWORD. IATSIJS has an unhashing table called JOBSTRTL and IATDJIN has an unhashing table called JOBPTRTL. Keep them and the following table in synch.			
4608	(1200)	BITSTRING	1	ISDUNHAS(0)	
4608	(1200)	BITSTRING	1		00
4609	(1201)	CHARACTER	5		01-05
4614	(1206)	BITSTRING	42		06-2F
4656	(1230)	CHARACTER	4		30-33
4660	(1234)	BITSTRING	12		34-3F
4672	(1240)	CHARACTER	3		40-42
4675	(1243)	BITSTRING	2		43-44
4677	(1245)	CHARACTER	1		45
4678	(1246)	BITSTRING	1		46
4679	(1247)	CHARACTER	3		47-49
4682	(124A)	BITSTRING	2		4A-4B
4684	(124C)	CHARACTER	5		4C-50
4689	(1251)	BITSTRING	7		51-57
4696	(1258)	CHARACTER	2		58-59
4698	(125A)	BITSTRING	2		5A-5B
4700	(125C)	CHARACTER	2		5C-5D
4702	(125E)	BITSTRING	2		5E-5F
4704	(1260)	CHARACTER	4		60-63
4708	(1264)	BITSTRING	4		64-67 19503TIC
4712	(1268)	CHARACTER	4		68-6B 19503TIA
4716	(126C)	BITSTRING	12		6C-77 19503TIA
4728	(1278)	CHARACTER	2		78-79
4730	(127A)	BITSTRING	3		7A-7C
4733	(127D)	CHARACTER	2		7D-7E
4735	(127F)	BITSTRING	4		7F-82 19503TIC
4739	(1283)	CHARACTER	3		83-85 19503TIA
4742	(1286)	BITSTRING	17		86-96 19503TIA
4759	(1297)	CHARACTER	4		97-9A 19503TIA
4763	(129B)	BITSTRING	5		9B-9F 19503TIA
4768	(12A0)	CHARACTER	3		A0-A2
4771	(12A3)	BITSTRING	16		A3-B2 19503TIC
4787	(12B3)	CHARACTER	4		B3-B5 19503TIA
4790	(12B6)	BITSTRING	4		B6-B9 19503TIA
4794	(12BA)	CHARACTER	2		BA-BB
4796	(12BC)	BITSTRING	5		BC-C0
4801	(12C1)	CHARACTER	1		C1
4802	(12C2)	BITSTRING	2		C2-C3
4804	(12C4)	CHARACTER	4		C4-C7
4808	(12C8)	BITSTRING	1		C8
4809	(12C9)	CHARACTER	1		C9
4810	(12CA)	BITSTRING	6		CA-CF

Table 303. Structure IATISDT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
4816	(12D0)	CHARACTER	1		D0
4817	(12D1)	BITSTRING	1		D1
4818	(12D2)	CHARACTER	4		D2-D5
4822	(12D6)	BITSTRING	1		D6
4823	(12D7)	CHARACTER	5		D7-DB
4828	(12DC)	BITSTRING	7		DC-E2
4835	(12E3)	CHARACTER	2		E3-E4
4837	(12E5)	BITSTRING	11		E5-EF
4848	(12F0)	CHARACTER	5		F0-F4
4853	(12F5)	BITSTRING	1		F5
4854	(12F6)	CHARACTER	2		F6-F7
4856	(12F8)	BITSTRING	1		F8
4857	(12F9)	CHARACTER	2		F9-FA
4859	(12FB)	BITSTRING	5		FB-FF
	TRANSLATE TABLE FOR HASHING A PASSWORD.				
4864	(1300)	BITSTRING	1	ISDHASH(0)	
4864	(1300)	BITSTRING	75		00-4A 19503TIC
4939	(134B)	BITSTRING	2		4B-4C .< 19503TIA
4941	(134D)	BITSTRING	1		4D 19503TIA
4942	(134E)	BITSTRING	3		4E-50 +|& 19503TIA
4945	(1351)	BITSTRING	9		51-59 19503TIA
4954	(135A)	BITSTRING	3		5A-5C !$* 19503TIC
4957	(135D)	BITSTRING	3		5D-5F 19503TIA
4960	(1360)	BITSTRING	1		60 - 19503TIA
4961	(1361)	BITSTRING	11		61-6B 19503TIA
4972	(136C)	BITSTRING	4		6C-6F %_>? 19503TIA
4976	(1370)	BITSTRING	10		70-79 19503TIC
4986	(137A)	BITSTRING	3		7A-7C :#@ 19503TIC
4989	(137D)	BITSTRING	1		7D 19503TIC
4990	(137E)	BITSTRING	1		7E = 19503TIA
4991	(137F)	BITSTRING	2		7F-80 19503TIC
4993	(1381)	BITSTRING	9		a-i
5002	(138A)	BITSTRING	7		8A-90
5009	(1391)	BITSTRING	9		j-r
5018	(139A)	BITSTRING	8		9A-A1
5026	(13A2)	BITSTRING	8		s-z
5034	(13AA)	BITSTRING	23		AA-C0
5057	(13C1)	BITSTRING	9		A-I
5066	(13CA)	BITSTRING	7		
5073	(13D1)	BITSTRING	9		J-R
5082	(13DA)	BITSTRING	8		
5090	(13E2)	BITSTRING	8		S-Z
5098	(13EA)	BITSTRING	6		
5104	(13F0)	BITSTRING	10		0-9

Table 303. Structure IATISDT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
5114	(13FA)	BITSTRING	6		
	USER EXIT WORK AREA - ADDRESSED VIA LABEL ISBUXWA.				
5120	(1400)	DBL WORD	8	ISUXWA(20)	USER EXIT AREA
	SECURITY CHECK PARMLIST - ADDRESSED VIA LABEL ISDSECA.				
5280	(14A0)	BITSTRING	1	ISDSEC(0)	IATYSEC 0258
	JCT BUILD AREA - ADDRESSED VIA LABEL ISJCTBLD.				
7272	(1C68)	BITSTRING	0	JCTBUILD(0)	JCT BUILD AREA
7272	(1C68)	BITSTRING	1	(0)	JCT BUILD AREA
7272	(1C68)	X'2070'	0	JCTEND	"*" END OF JCT BUILD AREA
	DEADLINE BUILD WORK AREA.				
8304	(2070)	SIGNED	4	DLBUILD(0)	DEADLINE BUILD AREA
	NJE job Header and Trailer FDBs				
8344	(2098)	BITSTRING	32	ISHDRFDB	FDB of nested NJE JH
8376	(20B8)	BITSTRING	1	ISTRLFDB	FDB of nested NJE JT
	Chained SRF services work area				
8408	(20D8)	BITSTRING	104	ISCSS	Chained SRF services area
8512	(2140)	BITSTRING	0	JCTXBLD(0)	JCT Extension build area
8512	(2140)	BITSTRING	1	(0)	JCT Extension build area

Table 304. Structure DJSUCLST

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	DJSUCLST	DJC job table
0	(0)	SIGNED	4	DJSUCCHN	CHAIN TO NEXT TABLE
4	(4)	CHARACTER	8	DJSUCJOB	JOB NAME 0153
12	(C)	CHARACTER	8	DJSUCNET	NET ID 0153
12	(C)	X'10'	0	DJENTLEN	"L'DJSUCJOB+L'DJSUCNET"
20	(14)	CHARACTER	144		9 ADDITIONAL ENTRIES
164	(A4)	CHARACTER	4	DJSUCTRM	TERMINATOR 0153
164	(A4)	X'A8'	0	DJSUCEND	"*" END OF TABLE
164	(A4)	X'A8'	0	DJSUCLEN	"DJSUCEND-DJSUCLST" LENGTH OF TABLE

Table 305. Structure ISLMLIST

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	ISLMLIST	Module usage list entry
0	(0)	BITSTRING	1	ISLMFLAG	Flag byte for entry
		1...		ISLMCFLG	"X'80'" Indicates CSECT required
1	(1)	BITSTRING	1	(3)	Reserved for development
4	(4)	ADDRESS	4	ISLMADDR	Module address

Table 305. Structure ISLMLIST (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
8	(8)	SIGNED	4	ISLMJDE	Address of JDE
12	(C)	CHARACTER	4	ISLMSUFX	Module name suffix
16	(10)	BITSTRING	1	ISLMLEN(0)	Length of entry

Table 306. Cross Reference for IATYISD

Name	Offset	Hex Tag
ASPXXCNT	736	4040
ASRADDR	3EC	0
ASRPTR	574	
CARDCNT	5FC	
CJCTSE	5A8	
CJCTSEST	610	0
CJDABSE	5A4	
DIGITS	208	0
DJENTLEN	C	10
DJSUCCHN	0	
DJSUCEND	A4	A8
DJSUCJOB	4	40404040
DJSUCLEN	A4	A8
DJSUCLST	0	
DJSUCNET	C	40404040
DJSUCTRM	A4	40404040
DLBUILD	2070	0
DL1PTR	554	
DL2PTR	558	
DSNPTR	654	0
DVJRETRY	5A0	
ERRCCHN	3E0	0
ERRCFDB	354	0
ERRORPTR	5DC	
FRPFDB	348	0
FRP1PTR	540	
FRP2PTR	544	
GTZBYTE2	CA2	
GTZCMD	C99	F0
GTZDATA	C9A	F0
GTZEDLEN	D70	2E
GTZEVENT	C98	
GTZEVNTL	CBE	2E
GTZFORM	C9B	F0
GTZJOBN	CB5	0
GTZJSUBT	CBE	
GTZMAIN	C9C	F0
GTZNET	C9D	F0
GTZNETA	C9E	F0

Table 306. Cross Reference for IATYISD (continued)

Name	Offset	Hex Tag
GTZOPER	C9F	F0
GTZOWN	D58	C9C2D4D1
GTZPAUS	CA0	F0
GTZPLST	CC8	
GTZPLST_PL_END	D40	D48
GTZPLST_XCNZTRKR_YES	CC9	80
GTZPLST_XEVENTADDR	D10	
GTZPLST_XEVENTADDR0_YES	CC9	10
GTZPLST_XEVENTASID	CCD	
GTZPLST_XEVENTASID_HOME	CCD	0
GTZPLST_XEVENTASID_PRIMARY	CCD	1
GTZPLST_XEVENTASID_SECONDARY	CCD	2
GTZPLST_XEVENTASID_VALUE	CCD	4
GTZPLST_XEVENTASIDVAL	CCA	
GTZPLST_XEVENTDATA	CF8	
GTZPLST_XEVENTDESC_ADDR3164	CE8	
GTZPLST_XEVENTDESC_ALET	CF4	
GTZPLST_XEVENTDESCLEN	D1A	
GTZPLST_XEVENTPSW16	D08	
GTZPLST_XEVENTPSW8	D08	
GTZPLST_XFLAGS1	CC9	
GTZPLST_XGTZATRKP_YES	CC9	40
GTZPLST_XGTZATRKPCPSW	D30	
GTZPLST_XNOABEND	CCC	
GTZPLST_XNOABEND_NO	CCC	0
GTZPLST_XNOABEND_YES	CCC	1
GTZPLST_XNOABENDVAL	CCC	
GTZPLST_XOWNER	CD8	
GTZPLST_XPROGRAM	D20	
GTZPLST_XPROGRAMOFFSET	D28	
GTZPLST_XPROGRAMPATH_ADDR3164	D20	
GTZPLST_XPROGRAMPATH_ALET	D1C	
GTZPLST_XPROGRAMPATHLEN	CCE	
GTZPLST_XRSV0002	D3A	
GTZPLST_XSOURCE	CD0	
GTZPLST_XSOURCEPATH_ADDR3164	CD0	
GTZPLST_XSOURCEPATH_ALET	CF0	
GTZPLST_XSOURCEPATHLEN	D18	
GTZPLST_XTRKOUTDBGACTRSN	D38	
GTZPLST_XTRKOUTEVENTJOB	D40	
GTZPLST_XVERSION	CC8	
GTZPLSTL	D48	80
GTZPOE	CAC	
GTZPROC	CA2	F0
GTZPSW16	D48	0
GTZROUT	CA3	F0

Table 306. Cross Reference for IATYISD (continued)

Name	Offset	Hex Tag
GTZSIGN	CA4	F0
GTZSRC	D68	C9C1E3C9
GTZTRK	C98	F0
IABEND	76B	8
IATISDT	0	
IATISDT	0	
IBUFF	76C	8
ICURRFRP	594	
ICURRJDS	668	0
IDATASET	76A	20
IDCB	769	8
IDCBFRST	769	4
IDJCER3	76C	10
IDJCMSE	76B	1
IDJCPROC	76B	4
IENDPROC	769	20
IEOF	76B	20
IFDBEND	4B4	4D4
IFDBST	318	
IFLUSH	76B	2
IFMATAC	76D	40
IFMATER2	76A	8
IFMATPRT	76D	80
IFMTOT	76A	10
IFRPBFWR	769	1
IJBREAD2	76B	40
IJCLFDB	474	0
IJDFLUSH	52C	
IJDSCLOS	524	
IJDSFLAG	777	
IJDSGET	528	
IJDSNOTE	518	
IJDSOPEN	51C	
IJDSREAD	520	
IJESJCLF	588	
IJFIRST	777	2
IJOBCONT	769	F0
IJOBDONE	769	50
IJOBSTUP	76A	4
IJOPEN	777	8
IJOURNAL	765	4
IJPRTY	76D	10
IJRNLYES	765	2
IJSAME	777	4
ILCOMMA	76E	2
ILPAREN	76C	80

Table 306. Cross Reference for IATYISD (continued)

Name	Offset	Hex Tag
ILPAREN2	76C	4
IMAINCNT	76A	10
IMAINNOT	76A	40
IMSGFDB	494	0
INETCNT	76A	10
INETPROC	76C	2
INEXTFRP	598	
INITLOGC	76C	20
INMLEND	76B	80
IPROC	769	2
IPROC2	76C	40
IRDATOFF	5F8	0
IRDATON	5F0	0
IRDRPROC	76A	80
IRTIMOFF	5F4	0
IRTIMON	5EC	0
IRUCBTYP	744	0
ISACCCNT	92C	0
ISACCTXT	92D	0
ISACMAIN	7D5	40404040
ISACMN	765	20
ISACTPRO	914	80
ISADDSPR	766	10
ISANY	774	80
ISANYJES	774	4
ISAPOEFF	914	40
ISASCH	761	20
ISASPCNT	75F	8
ISASPREJ	75F	4
ISBADSPR	761	40
ISBFLG2	761	
ISBPXAS	761	10
ISBUXID	762	4040
ISBUXWA	5D4	
ISCDBUFF	7F3	40404040
ISCHGDSP	7E0	0
ISCIRSVD	773	40
ISCISE	76E	10
ISCOMENT	76A	1
ISCRAT	220	0
ISCSS	20D8	0
ISCSSAD	590	
ISDABEND	784	0
ISDACTIA	928	
ISDACTS1	920	
ISDACTS2	924	

Table 306. Cross Reference for IATYISD (continued)

Name	Offset	Hex Tag
ISDATASJ	765	1
ISDBADPW	760	20
ISDBSC	9C1	40
ISDCNDB	6D8	
ISDCOMFD	760	2
ISDCOMMA	650	0
ISDCONA	210	0
ISDCONW	624	
ISDCPAS	8C4	
ISDCPLN	8C3	
ISDCPWD	8C3	
ISDCTODL	A84	
ISDDATE	A74	0
ISDDELIM	768	1
ISDDNAM	C8A	40404040
ISDDNAME	799	40404040
ISDELIM	78C	615C
ISDFDBSV	500	0
ISDGROUP	7BD	40404040
ISDHASH	1300	
ISDHSHAD	8DC	
ISDIN015	784	4
ISDIREPT	5D8	
ISDIRTRN	784	8
ISDISACT	786	40
ISDISJN	784	8
ISDISLG	784	F
ISDJCJOB	767	40
ISDJCLST	5E0	
ISDJCTXA	5CC	
ISDJDSRR	786	20
ISDJNWAT	783	4
ISDJOBID	618	40404040
ISDJSCAN	760	4
ISDJSMAD	50C	0
ISDLBLD	5D0	
ISDLDAY	740	0
ISDLEAPY	76D	8
ISDLFDB	384	0
ISDLFDB1	39C	0
ISDLID	394	C4D3C640
ISDLN	773	1
ISDLOFST	398	0
ISDLPOST	76D	4
ISDLSEQ4	390	0
ISDLTIME	742	0

Table 306. Cross Reference for IATYISD (continued)

Name	Offset	Hex Tag
ISDLXERC	384	
ISDLYEAR	798	0
ISDNACCT	878	40404040
ISDNALOW	A0C	4
ISDNBLDG	890	40404040
ISDNDEPT	888	40404040
ISDNEWPL	90B	
ISDNEWPT	90C	
ISDNEWPW	90B	
ISDNFLSH	A0C	10
ISDNJEFL	A0C	0
ISDNJEF1	9C1	0
ISDNJ101	9C1	1
ISDNJ102	9C1	2
ISDNJ104	9C1	4
ISDNJ108	9C1	8
ISDNJ110	9C1	10
ISDNJ120	9C1	20
ISDNMLNG	646	0
ISDNODJC	760	80
ISDNPAS	8CD	
ISDNPLN	8CC	
ISDNPWD	8CC	
ISDNROOM	898	40404040
ISDNSKCI	A0C	8
ISDNSKTK	A0C	2
ISDNTERQ	75F	2
ISDN7556	789	80
ISDOLDPL	902	
ISDOLDPT	903	
ISDOLDPW	902	
ISDOWNJB	9BC	0
ISDPAERM	783	2
ISDPNAME	864	40404040
ISDPOE	C6C	
ISDPRGSE	767	8
ISDPSTN	C7A	40404040
ISDPURGE	76F	20
ISDPWENC	76F	10
ISDRACG	7AD	0
ISDRACU	7A5	0
ISDRACUV	760	40
ISDRECFL	76F	80
ISDRNODE	658	40404040
ISDROUTE	A0C	40
ISDRSDH1	39A	0

Table 306. Cross Reference for IATYISD (continued)

Name	Offset	Hex Tag
ISDRSDH2	3D2	0
ISDRSVD	612	0
ISDRSVD1	3F8	
ISDRSVD2	408	
ISDRSVD4	568	
ISDRSVD7	414	
ISDRSVD8	434	
ISDRSVS3	8F4	40404040
ISDRSVS5	91C	40404040
ISDRSVU1	674	0
ISDRUSER	660	40404040
ISDSACCT	784	0
ISDSACD	A0F	40404040
ISDSAV1	A60	
ISDSAV2	A64	
ISDSAV3	A68	
ISDSEC	14A0	0
ISDSECA	5C4	
ISDSECLB	7C5	40404040
ISDSEL	772	80
ISDSFLG	645	0
ISDSNA	A0C	20
ISDSOSE	786	80
ISDSPR	645	80
ISDSROUT	784	4
ISDSST	645	40
ISDSTCK	A7C	
ISDSTEPN	C82	40404040
ISDSTFDB	620	0
ISDSTOKN	C1C	
ISDSUBMP	7E2	
ISDSUBNO	684	0
ISDSXCNT	784	C
ISDSXMIT	784	8
ISDTASET	773	2
ISDTBYPS	768	10
ISDTCLK	A6C	
ISDTCONT	768	4
ISDTCP	9C1	80
ISDTHWSP	773	20
ISDTIMEL	A84	
ISDTIME1	A6C	0
ISDTIME2	A70	0
ISDTIME4	A78	0
ISDTRCUR	768	8
ISDTRGSV	9C4	

Table 306. Cross Reference for IATYISD (continued)

Name	Offset	Hex Tag
ISDTRP01	784	C
ISDTRT	AA4	40404040
ISDTRTB	1000	
ISDTRTBL	1100	40404040
ISDTSOMP	9C0	0
ISDTUX33	768	80
ISDTUX34	768	40
ISDTUX44	768	20
ISDUNHAD	8D8	
ISDUNHAS	1200	
ISDUPINT	766	2
ISDUSERF	8A0	0
ISDUSERI	7B5	40404040
ISDUSID8	75F	1
ISDVINTD	850	40404040
ISDVINTE	862	864
ISDVINTL	850	850
ISDVINTM	843	
ISDVPROC	76B	10
ISDXCONT	784	40
ISDXDEST	784	80
ISDXDLM	A0D	
ISDXDLMA	784	20
ISDXDLM1	A0D	
ISDXDLM2	A0E	
ISDXMIT	A0C	80
ISDXMITS	76E	4
ISDXQUOT	784	8
ISDXREQH	784	10
ISDXSBCA	784	4
ISDXSBCS	916	0
ISD6109	76F	40
ISFAILOC	5AC	
ISFAILSB	75F	80
ISFDBEND	58C	58C
ISFDBSTR	530	
ISFFRPB	772	40
ISFLAGS	764	
ISFLAGSU	770	
ISFLAGSZ	76F	C
ISFLAGX	914	0
ISFLAG1	769	0
ISFLAG10	773	0
ISFLAG11	76F	0
ISFLAG12	760	0
ISFLAG13	75F	0

Table 306. Cross Reference for IATYISD (continued)

Name	Offset	Hex Tag
ISFLAG14	789	0
ISFLAG2	76A	0
ISFLAG3	76B	0
ISFLAG4	76C	0
ISFLAG5	76D	0
ISFLAG6	76E	0
ISFLAG7	770	0
ISFLAG8	771	0
ISFLAG9	772	0
ISFLCNT	738	0
ISFLGBEG	769	
ISFLGEND	76F	770
ISFLGFRE	76E	20
ISFLGLEN	76E	6
ISFLGTRM	76E	76F
ISFORCT	767	2
ISGLOBAL	774	40
ISHDRFDB	2098	0
ISHOLDJB	76F	2
ISHRSD1	752	0
ISHRSS1	74A	0
ISHRSU1	756	0
ISINAPOS	783	1
ISINTBJN	614	0
ISINTRDR	765	10
ISIRCLAS	7E1	40
ISJBCLPT	5C0	
ISJBFAIL	776	
ISJBSAFA	789	4
ISJBSAFK	789	8
ISJBSYSK	789	10
ISJCLBCT	746	0
ISJCLCT	73A	0
ISJCNOCL	75F	40
ISJCNV2	789	40
ISJCTBLD	5C8	
ISJDBPTR	564	
ISJESJCL	4B4	0
ISJGDGBK	789	1
ISJLCONT	797	20
ISJLDONE	797	4
ISJLKEY	797	8
ISJLOGFL	915	0
ISJLPROC	797	80
ISJLQUOT	797	10
ISJLSPRM	797	40

Table 306. Cross Reference for IATYISD (continued)

Name	Offset	Hex Tag
ISJMSGBC	748	0
ISJMSGCT	73C	0
ISJNDLM	78A	
ISJNDLM1	78A	0
ISJNDLM2	78B	0
ISJNSBCS	9C2	0
ISJOBCLS	78E	40404040
ISJOBEM	766	1
ISJOBPTY	775	
ISJOBRST	773	4
ISJQEHLD	5BC	
ISJSTAFR	786	0
ISJSTAF1	785	0
ISKEYFND	914	20
ISLENERR	766	80
ISLENFLU	766	40
ISLMADDR	4	
ISLMCFLG	0	80
ISLMDCND	1C8	
ISLMEND	1F8	1F8
ISLMFLAG	0	
ISLMISDL	198	
ISLMISDS	148	
ISLMISEN	1A8	
ISLMISFR	158	
ISLMISJB	168	
ISLMISJL	128	
ISLMISJN	1E8	
ISLMISLG	138	
ISLMISMN	188	
ISLMISNJ	1D8	
ISLMISNT	1B8	
ISLMISPR	178	
ISLMJDE	8	
ISLMLEN	10	
ISLMLIST	0	
ISLMODLS	128	
ISLMRSVD	1F8	
ISLMSUFX	C	
ISLOCAL	774	20
ISLSTINT	782	1
ISMAINAM	600	
ISMAINSE	76E	80
ISMPSEQ	611	0
ISMPSEQS	76F	1
ISMSGBLD	BA4	40404040

Table 306. Cross Reference for IATYISD (continued)

Name	Offset	Hex Tag
ISMSGCLS	772	10
ISMSGJB	75E	0
ISMSGL	688	
ISMSGLV0	767	10
ISMSS	767	80
ISMS6111	75F	10
ISMVSTSO	773	80
ISM6111F	75F	20
ISNETDON	76E	8
ISNJPINT	782	2
ISNOJOB	766	4
ISNOPROC	780	10
ISNOSPIN	915	20
ISNTIDSV	628	0
ISNUJTAT	767	4
ISNULPAS	760	1
ISNVLDSE	782	20
ISORGTSO	76A	2
ISOTSERV	772	20
ISOUTPUT	76E	40
ISPACONT	783	10
ISPAFLGS	760	1C
ISPARMCI	796	0
ISPARMID	7DD	4040
ISPARON	783	8
ISPART	767	20
ISPASADD	8F0	0
ISPASCAN	760	10
ISPASDUP	760	8
ISPASRET	8E0	
ISPASWDF	783	80
ISPDBPTR	578	
ISPFDB	4F4	0
ISPNJMSG	454	0
ISPNOTE	638	0
ISPPTR	560	
ISPRMCNT	644	0
ISPRMLVL	788	0
ISPSWSAV	8E4	
ISPSWSVD	8E5	40404040
ISPSWSVL	8E4	0
ISPWCONT	76C	1
ISRCEAD	C94	
ISRESTRT	773	10
ISRFL240	765	40
ISRFL280	765	80

Table 306. Cross Reference for IATYISD (continued)

Name	Offset	Hex Tag
ISRQJBID	76F	8
ISRSVDI	C92	0
ISRSVS1	73E	0
ISSADEL	765	8
ISSCHENV	7E3	40404040
ISSEQACT	76D	2
ISSPIN	915	80
ISSRHDSP	7DF	0
ISSTADDR	5B8	
ISSTART	0	
ISSUPR	915	40
ISSYMTBL	773	8
ISSYSJOB	789	2
ISSYSLOG	772	8
ISSYSOFF	766	8
ISSYSTEM	774	
ISTRCFL	785	
ISTRLFDB	20B8	0
ISTSOSUB	76F	4
ISTUSID	7CD	40404040
ISTYPE	76E	1
ISUA	7A1	40404040
ISUPDSER	768	2
ISUSERID	880	40404040
ISUXWA	1400	0
ISUX17L	2C0	0
ISUX28FL	772	4
ISUX29FL	772	2
ISYSTEM	76D	20
ISYSTEMS	76D	1
IS28FLSH	772	1
IS6126ER	918	0
IS6126RC	91A	0
IS613XPD	789	20
ITRKGRPS	767	1
JCFLG101	764	1
JCFLG640	783	40
JCLCURR	580	
JCLENDCM	783	20
JCLFLAG1	764	0
JCLFLAG2	765	0
JCLFLAG3	766	0
JCLFLAG4	767	0
JCLFLAG5	768	0
JCLFLAG6	783	0
JCLFLAG7	797	0

Table 306. Cross Reference for IATYISD (continued)

Name	Offset	Hex Tag
JCLFL701	797	1
JCLFL702	797	2
JCLF3R20	766	20
JCTBUILD	1C68	
JCTEND	1C68	2070
JCTXBLD	2140	
JDABADDR	318	0
JDABPTR	530	
JDDASK	764	2
JDDATA	764	4
JDELIM	764	80
JDSADDR	33C	0
JDSCURR	5B0	
JDSPTR	53C	
JENDCONT	764	20
JMODEC	764	40
JMRADDR	324	0
JMRPTR	534	
JNULL	764	10
JSOUTCNT	764	8
JSTADDR	360	0
JSTPADDR	36C	0
JSTPTR	548	
LOCADDR	59C	
LOCSAVE	608	0
MSGCURR	584	
M00M0076	0	CC8
NFRPFDB	3D4	0
NJEJHFDB	648	
NJEJTFDB	64C	
NJPFORM	782	80
NORISE	782	40
OSEADDR	330	0
OSEPTR	538	
PCDATCD	5B4	
PCDPTR	55C	
PCDTADDR	3A8	0
PNAME	630	0
PWKPTR	54C	
RDRDSP	781	0
RODEST	782	8
ROFROM	782	4
ROUTEFLG	782	0
SCHBUFDB	378	0
SCHPTR	550	
SDCKPTJD	780	1

Table 306. Cross Reference for IATYISD (continued)

Name	Offset	Hex Tag
SDFLG	780	
SDINFDB	4D4	0
SDINPTR	57C	
SDJDNJFL	8B8	0
SDJDNJF2	8B9	0
SDJDORGQ	8BA	0
SDJDORG2	8B0	40404040
SDJDXEQU	8BB	40404040
SDJOBNUM	8A4	0
SDJOBORG	778	40404040
SDNOTOPN	780	20
SDORGBSC	780	40
SDRESTRT	780	80
SDUSERID	8A8	40404040
TATBLD2	3D0	0
TATBUILD	3B4	0
TATPTR	58C	
TIMEON	5E4	
TIMOFF	5E8	0
XMITFLAG	784	0

IATYISET information

IATYISET heading information

Common name: Intermediate SETUNIT table entry

Macro ID: IATYISET

DSECT name: ISETSTRT

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Auxiliary Storage: N/A
Subpool: 0

Size: ISETSIZE

Created by: IATINCF

Pointed to by: INTSETID entry in IATYINT

Serialization: NONE

Function: This data area contains intermediate text for a SETUNIT (XUNIT parameter on the DEVICE initialization statement).

IATYISET mapping

Table 307. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

Table 308. Structure ISETSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	ISETSTRT	
0	(0)	CHARACTER	8	ISETMAIN	Main processor name
8	(8)	BITSTRING	1	ISETDTYP	Device type code
9	(9)	CHARACTER	4	ISETUADR	Device number in EBCDIC
13	(D)	BITSTRING	1	ISETRSVD	Reserved for development
14	(E)	SIGNED	2	ISETSNDX	SYSUNITS index
16	(10)	CHARACTER	3	ISETROUT	Console destination
19	(13)	BITSTRING	1	ISETFLG	Flags
20	(14)	BITSTRING	1	ISETSW	Internal switch
		1...		ISETNEW	"X'80'" Device is newly defined
		.1..		ISETDA	"X'40'" Device is DASD
		..1.		ISETTA	"X'20'" Device is reel tape
		...1		ISETGR	"X'10'" Device is graphic
		.... 1...		ISETUR	"X'08'" Device is unit record
		.... .1..		ISETCA	"X'04'" Device is cartridge tape
		.... ..1.		ISETPR	"X'02'" Device is permanently resident (if off, device is removable)
		1		ISETOFF	"X'01'" Device offline on this main
20	(14)	X'15'	0	ISETSPSZ	"*-ISETSTRT" Size of the portion of the SETUNITs spool record that is copied to CSA by IATINMD
21	(15)	CHARACTER	8	ISETXTYP	XTYPE name
29	(1D)	BITSTRING	1	ISETEND(0)	End of entry
29	(1D)	BITSTRING	1	ISETSIZE(0)	Size of entry

Table 309. Cross Reference for IATYISET

Name	Offset	Hex Tag
ISETCA	14	4
ISETDA	14	40
ISETDTYP	8	
ISETEND	1D	
ISETFLG	13	
ISETGR	14	10
ISETMAIN	0	
ISETNEW	14	80
ISETOFF	14	1
ISETPR	14	2
ISETROUT	10	
ISETRSVD	D	
ISETSIZE	1D	
ISETSNDX	E	
ISETSPSZ	14	15
ISETSTRT	0	
ISETSW	14	
ISETTA	14	20
ISETUADR	9	

Table 309. Cross Reference for IATYISET (continued)

Name	Offset	Hex Tag
ISETUR	14	8
ISETXTYP	15	

IATYISPR information

IATYISPR heading information

Common name:	Intermediate SETPARAM table entry
Macro ID:	IATYISPR
DSECT name:	ISPRSTRT
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Auxiliary Storage: N/A Subpool: 0
Size:	ISPRSIZE
Created by:	IATINCF
Pointed to by:	INTSPRID entry in IATYINT
Serialization:	NONE
Function:	This data area contains intermediate text for a SETPARAM statement.

IATYISPR mapping

Table 310. Structure ISPRSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	ISPRSTRT	
0	(0)	BITSTRING	17	ISPRMDRC	Route code mask for MDSLOG
17	(11)	BITSTRING	17	ISPRNSRC	Route code mask for non- non-scratch TAFETCH
34	(22)	BITSTRING	17	ISPRSCRC	Route code mask for scratch TAFETCH
51	(33)	BITSTRING	17	ISPRDARC	Route code mask for DAFETCH
68	(44)	CHARACTER	1	ISPRALOC	Setup ALLOCATE option
69	(45)	CHARACTER	1	ISPRFECH	Setup FETCH option
70	(46)	BITSTRING	1	ISPRDSIZ	DSN size for MDS messages
71	(47)	BITSTRING	1	ISPRMTIM	Operator remount limit
	Definition of ISPRFLAG				
72	(48)	BITSTRING	1	ISPRFLAG	SETPARAM flag byte
		1...		ISPRSORT	"X'80'" SETUNITS in device number order (ADDRSORT=YES)
		.1..		ISPRDFCT	"X'40'" DEFERCT=YES
		..1.		ISPRSDPZ	"X'20'" SDEPZERO=ERROR 0013
73	(49)	BITSTRING	3	ISPRRSV1	Reserved for development
76	(4C)	SIGNED	4	ISPRRSV2	Reserved for development
80	(50)	SIGNED	2	ISPRMXIO	Maximum number of allowed concurrent asynchronous I/O requests
82	(52)	SIGNED	2	ISPRCRIO	Current number of allowed concurrent asynchronous I/O requests
84	(54)	CHARACTER	3	ISPRRSV3	Reserved for development

Table 310. Structure ISPRSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		Definition of MJESMSG.			
87	(57)	BITSTRING	1	ISPRJMSG	PRJESMSG/MTJESMSG option
		1...		ISPRPRFE	"X'80'" Fetch messages for permres or reserved volumes should be written to JESMSGLG
		.1..		ISPRPRAL	"X'40'" Allocation messages for permres or reserved volumes volumes should be written to JESMSGLG
		..1.		ISPRMTFE	"X'20'" Fetch messages for mountable volumes should be written to JESMSGLG
		...1		ISPRMTJA	"X'10'" Allocation messages for mountable volumes should be written to JESMSGLG
		.... 1...		ISPRMTBK	"X'08'" Breakdown messages for mountable volumes should be written to JESMSGLG
88	(58)	SIGNED	2	ISPREND(0)	End of table
88	(58)	BITSTRING	1	ISPRSIZE(0)	

Table 311. Cross Reference for IATYISPR

Name	Offset	Hex Tag
ISPRALOC	44	
ISPRCRIO	52	
ISPRDARC	33	0
ISPRDFCT	48	40
ISPRDSIZ	46	
ISPREND	58	
ISPRFECH	45	
ISPRFLAG	48	
ISPRJMSG	57	
ISPRMDRC	0	0
ISPRMTBK	57	8
ISPRMTFE	57	20
ISPRMTIM	47	
ISPRMTJA	57	10
ISPRMXIO	50	
ISPRNSRC	11	0
ISPRPRAL	57	40
ISPRPRFE	57	80
ISPRRSV1	49	
ISPRRSV2	4C	
ISPRRSV3	54	
ISPRSCRC	22	0
ISPRSDPZ	48	20
ISPRSIZE	58	
ISPRSORT	48	80
ISPRSTRT	0	

IATYISR information

IATYISR heading information

Common name:	IOSB/SRB PAIR
Macro ID:	IATYISR
DSECT name:	IOSB
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	ISR Offset: 0 Length: 4
Storage attributes:	Subpool: 245 Key: 0 Residency: Any
Size:	224 Bytes
Created by:	IATINIO
Pointed to by:	IOPFRISR in IATYIOP, ISRPLOAD,ISRPHIAD in IATYISR prefix, ISRNXISR in IATYISR, SRBPARM of IHASRB
Serialization:	NONE
Function:	IOSB/SRB pairs used for SPOOL I/O

IATYISR mapping

Table 312. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

Table 313. Structure SRBSECT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SRBSECT	
0	(0)	ADDRESS	4	SRB(0)	
0	(0)	CHARACTER	4	SRBID	EBCDIC ACRONYM FOR SRB OR SSRB.
4	(4)	ADDRESS	4	SRBFLNK	FORWARD CHAIN FIELD
8	(8)	ADDRESS	4	SRBASCB(0)	PTR TO ASCB OF ADDRESS SPACE SRB IS TO BE DISPATCHED TO
8	(8)	BITSTRING	1		RESERVED. DO NOT USE.
9	(9)	ADDRESS	3	SRBASC24	24-bit ASCB address
12	(C)	CHARACTER	8	SRBFLC(0)	SRB AREA MOVED TO LOW CORE
12	(C)	BITSTRING	2	SRBCPAFF	CPU AFFINITY MASK
14	(E)	SIGNED	2	SRBPASID	PURGEDQ ASID IDENTIFIER
16	(10)	ADDRESS	4	SRBPTCB	PURGEDQ TCB IDENTIFIER
20	(14)	ADDRESS	4	SRBEP(0)	ENTRY POINT OF ROUTINE
20	(14)	ADDRESS	4	SRBEPA	ADDRESS OF ENTRY POINT (31-BIT USERS)
		1...		SRBMODE	"X'80'" ADDRESSING MODE INDICATOR
24	(18)	ADDRESS	4	SRBRMTR(0)	ADDRESS OF RESOURCE MANAGER ROUTINE
24	(18)	ADDRESS	4	SRBRMTRA(0)	ADDRESS OF RESOURCE MANAGER ROUTINE (31-BIT USERS)
24	(18)	BITSTRING	1	SRBRMTR0	Byte 0 of SRBRMTR
		1...		SRBRMODE	"X'80'" ADDRESSING MODE INDICATOR

Table 313. Structure SRBSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
25	(19)	BITSTRING	1	(2)	
27	(1B)	BITSTRING	1	SRBRMTR3	Byte 3 of SRBRMTR
		1		SRBRMTLL	"X'01'" When on, the local lock will be held when control is given to the RMTR. The RMTR is allowed to release the local lock before returning, but is not required to do so.
28	(1C)	ADDRESS	4	SRBPARM	USER PARAMETER
32	(20)	ADDRESS	4	SRBWEB(0)	Address of this SRB's WEB. SERIALIZATION: None OWNERSHIP: Supervisor Control
32	(20)	ADDRESS	4	SRBSAVE	Reserved. Must be Zero. SERIALIZATION: None OWNERSHIP: Supervisor Control
36	(24)	BITSTRING	1	SRBPKF	PROTECT KEY INDICATION
37	(25)	BITSTRING	1	SRBPRIOR(0)	PRIORITY LEVEL INDIC
37	(25)	BITSTRING	1	SRBFLGS	SRB OPTION FLAGS
		1...		SRBLLREQ	"X'80'" LOCAL LOCK REQUIRED
		.1..		SRBLLHLD	"X'40'" LOCAL LOCK HELD
		..1.		SRBFRREQ	"X'20'" FRR REQUESTED
		...1		SRBFRRCL	"X'10'" THIS BIT IS OBSOLETE SINCE FRR PARM AREA ALWAYS CLEARED BY DISPATCHER. RETAINED FOR COMPATIBILITY.
		.... 1...		SRBSUSP	"X'08'" SUSPENDED SRB ONLY ON FOR SSRB
		.... .1..		SRBPNONQ	"X'04'" NON QUIESCABLE SRB
		....		SRBPSYS	"X'00'" SYSTEM PRIORITY LEVEL
38	(26)	BITSTRING	1	SRBHLHI	INDICATION OF SUSPEND LOCKS HELD AT SRB SUSPENSION
39	(27)	BITSTRING	1	SRBFLGS1	SRB TYPE FLAGS.
		1...		SRBMAIN	"X'80'" SRB/SSRB MUST BE FREEMAINED.
		.1..		SRBSP245	"X'40'" SRB/SSRB FROM SUBPOOL 245.
		..1.		SRBBLK24	"X'20'" SRB BELOW THE LINE
		...1		SRBXESF	"X'10'" Mode=primary FRR - only meaningful if SRBFRREQ is set.
		.... 1...		SRB1STS	"X'08'" This SSRB represents the initial schedule of a workunit and has never been dispatched.
		.... .1..		SRBPMCS	"X'04'" This SRB is in process-must complete mode
		.... ..1.		SRBMSCHD	"X'02'" This SRB was schduled via the IEAMSCHD macro
		1		SRBTOKNP	"X'01'" This SSRB belongs to the pool created for SUSPEND with SPTOKEN.
40	(28)	ADDRESS	4	SRBFRRA(0)	FRR ROUTINE ADDRESS
40	(28)	CHARACTER	3		High three bytes of addr
43	(2B)	CHARACTER	1	SRBFRRA3	Low order byte of address
		1		SRBSD31	"X'01'" Set this flag to indicate that the FRR can tolerate an SDWA in 31-bit storage. This is equivalent to the SETFRR SDWALOC31=YES parameter
44	(2C)	SIGNED	4	SRBEND(0)	END OF SRB
44	(2C)	X'2C'	0	SRBSIZE	"SRBEND-SRBSECT" SIZE OF SRB

Table 314. Structure ISRPRFIX

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	ISRPRFIX	ISR Pool Prefix
0	(0)	CHARACTER	8	ISRPID	Prefix id
8	(8)	ADDRESS	4	ISRPCHN	Pool chain
12	(C)	SIGNED	4	ISRPLEN	Pool size
16	(10)	ADDRESS	4	ISRPLOAD	Lowest ISR address
20	(14)	ADDRESS	4	ISRPHIAD	Highest ISR address
24	(18)	SIGNED	4	ISRPRSVD(2)	Round up to x'20' size
24	(18)	X'20'	0	ISRPSIZE	"*-ISRPID" ISR Prefix size

Table 315. Structure IOSB

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IOSB	
0	(0)	SIGNED	4	(0)	
0	(0)	CHARACTER	108	IOSBSTD(0)	Length of the IOSB without the extension
----------IOSFLA bit definitions----------					
0	(0)	BITSTRING	1	IOSFLA	Flag byte A
EQU X'00' ..No CCW chaining					
		1...		IOSDCHN	"X'80'" ..Data chaining
		.1..		IOSCCHN	"X'40'" ..Command chaining
		11..		IOSACHN	"X'C0'" ..Command and data chaining
		..1.		IOSERR	"X'20'" ..Error Recovery Routine (ERP) in control. Bit must be set to 0 by the driver. If the ERP returns with this bit set to 1, a retry is requested. If the ERP returns with this bit set to 0, the error is either corrected or to be considered permanent depending on the setting of the IOSEX bit.
		...1		IOSSMDA	"X'10'" ..ERP status modifier bit A. Must be set to zero by driver. TAPE- Reposition device. U/R- Immediate operation, CCW OP code in IOSMDB.
		.... 1...		IOSSMDB	"X'08'" ..ERP status modifier bit B. Must be set to zero by driver. Set by PCI fetch in appendage for posting: TAPE- CRC needed. DASD- PCI fetch stop flag.
		.... .1..		IOSEX	"X'04'" ..Exceptional condition. Upon return from normal or abnormal exit with this bit on, ERP processing is initiated if initial error condition. If bit is set to 0, it is assumed that the exit corrected the condition or did not consider it an error. When the error routine returns with this bit set to a 1 and the IOSERR set to a 0, the error is considered permanent. When the ERP returns with both bits set to 0, the error has been corrected.
		.... ..1.		IOSDOM	"X'02'" ..DOM macro required
		1		IOSIOSB	"X'01'" ..IOSB created by IOS. Must be set to zero by driver.

Table 315. Structure IOSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
IOSFLB bit definitions - For Start Subchannel requests. See redefinition area for modify subchannel requests.					
1	(1)	BITSTRING	1	IOSFLB	Flag byte B----------
		1...		IOSDIESE	"X'80'" ..Second entry to DIE
		.1..		IOSSDR	"X'40'" ..ERP doesnt want OBR
		..1.		IOSNOTRS	"X'20'" ..Driver does not require an address space switch on entry to DIE.
		...1		IOSRESRC	"X'10'" ..IOS resources are held. Must be initialized to zero by driver. With bit set, the DIE cannot return on codes 12 and 16.
		.... 1...		IOSIONRD	"X'08'" ..Set by a driver to request that the I/O request be issued to a not-ready device.
		.... .1..		IOSMSG	"X'04'" ..Message indicator to WTO service 0 = Intervention required msg 1 = I/O error message
		.... ..1.		IOSBDCST	"X'02'" ..Broadcast bit
		1		IOSLOG	"X'01'" ..Create an OBR record.
2	(2)	BITSTRING	1	IOSFLC	Flag byte C ----------
		1...		IOSGDPLP	"X'80'" ..With IOSGDP bit set, limit IOSGPMSK field to logically available paths (UCBLPM field).
		.1..		IOSEIDAW	"X'40'" ..Extended 4K 8-byte IDAWs
		.1..		IOSVERIF	"X'40'" ..Unsolicited device end verification needed for non-DASD devices
		..1.		IOSCC3WE	"X'20'" ..Set by a driver to request deferred condition code 3 posting (post code of X'6D')
		...1		IOSEXP	"X'10'" ..Specific exposure requested. The IOSUCB field contains the specific exposure UCB address and IOSXBASE must contain the UCB prefix of the base exposure.
		.... 1...		IOSNORWS	"X'08'" ..No Read/Write Synchronization: Set on by I/O driver to indicate that the channel should not synchronize on read/write transitions when prefetching (IOSP) is also set. The driver insures that the read and writes are from different I/O buffers
		.... .1..		IOS2CSWS	"X'04'" ..Two Channel Status Words: Set on by the I/O driver to indicate that when CCW prefetching is requested (IOSP), if an error occurs where the control unit executes ahead of the channel, two ending CCW addresses should be presented to the driver. The second ending CCW address is contained in the IEDB. If this bit is off, an invalid ending CCW address is simulated by IOS
		.... ..1.		IOSNORTY	"X'02'" ..No retry allowed.
		.... ..1.		IOSCTCNR	"X'02'" ..CTC - No retry allowed
		1		IOSGDP	"X'01'" ..A guaranteed device path has been requested. IOSGPMSK contains the path(s) involved.

Table 315. Structure IOSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
IOSPROC - This byte indicates what type of special processing that is to be performed for IOS generated IOSBs. This processing normally runs asynchronous to IOS mainline processing. This field must be set to zero by drivers.					
3	(3)	BITSTRING	1	IOSPROC	IOS special processing procedures
EQU X'00' ..Reserved					
		.... .1..		IOSAPCI	"X'04'" ..Intermediate status
		.... 1...		IOSATTN	"X'08'" ..Attention
		.... 11..		IOSAPURG	"X'0C'" ..Purge
EQU X'10' ..Reserved					
		...1 .1..		IOSAWTO	"X'14'" ..WTO
		...1 1...		IOSADDR	"X'18'" ..DDR
		...1 11..		IOSADIER	"X'1C'" ..DIE Redrive- different UCB
		..1.		IOSAUR	"X'20'" ..Unconditional Reserve
		1111 1...		IOSAINTER	"X'F8'" ..Interrogate
		1111 1..1		IOSAST1	"X'F9'" ..IOS subchannel type 1 request
		1111 1.1.		IOSASNRQ	"X'FA'" ..IOS sense request
		1111 11..		IOSACLR	"X'FC'" ..CLEAR Subchannel request
		1111 11.1		IOSAHALT	"X'FD'" ..HALT Subchannel request
		1111 111.		IOSAMOD	"X'FE'" ..MODIFY Subchannel request
		1111 1111		IOSASTOR	"X'FF'" ..STORE Subchannel request
IOSDVRID - This byte indentifies the I/O driver requesting the I/O request. Driver identification values are assigned by IOS.					
4	(4)	BITSTRING	1	IOSDVRID	Driver identification value
		....		IOSIOSID	"X'00'" ..Reserved for IOS
		1		IOSMISID	"X'01'" ..Miscellaneous ID for I/O requests for 24 bit IOS blocks that cannot be purged, associated with a task, or violate extents
		.... ..1.		IOSXCPID	"X'02'" ..EXCP Processor
		11		IOSVSAID	"X'03'" ..VSAM
		.... .1..		IOSATMID	"X'04'" ..VTAM
		.... .1.1		IOSTCMID	"X'05'" ..TCAM
		.... .11.		IOSOLTID	"X'06'" ..OLTEP
		.... .111		IOSFCHID	"X'07'" ..PCI FETCH
		.... 1...		IOSJESID	"X'08'" ..JES3
		.... 1..1		IOSSS1ID	"X'09'" ..MSC
		.... 1.1.		IOSPRGID	"X'0A'" ..IECVIOPM PURGE
		.... 1.11		IOSVPSID	"X'0B'" ..VPSS
EQU X'0C' ..CRYPTO					
		.... 111.		IOSASMID	"X'0E'" ..ASM
		 1111		IOSMDSID	"X'0F'" ..Message Display Service

Table 315. Structure IOSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		...1		IOSAUSID	"X'10'" ..Assign/Unassign Service
		...1 ...1		IOSDYPID	"X'11'" ..Dynamic Pathing
		...1 ..1.		IOSDAVV	"X'12'" ..DAVV
		...1 ..11		IOSDCSID	"X'13'" ..Device control service
		...1 .1..		IOSAOMID	"X'14'" ..Asychronous Operation Manager
		...1 .1.1		IOSSMSID	"X'15'" ..DFSMS
		...1 .11.		IOSXCFID	"X'16'" ..XCF CTC I/O Driver
		...1 .111		IOSCDRID	"X'17'" ..IOS use driver ID
		...1 1...		IOSSLFID	"X'18'" ..IOSVSLFD driver ID
		...1 1..1		IOSPAVID	"X'19'" ..IOSVIOPA driver ID
		...1 11.1		IOSMI2ID	"X'1D'" ..Miscellaneous ID for I/O requests for 31 bit IOS blocks that cannot be purged, associated with a task, or violate extents
		...1 111.		IOSINTID	"X'1E'" ..Generic IOS I/O driver ID
		...1 1111		IOSDACID	"X'1F'" ..Discovery and AutoConfiguration
		1...		IOSV33ID	"X'80'" ..SVC33
		1... ...1		IOSCLRID	"X'81'" ..Clear Device Recovery
		1... ..1.		IOSSCRID	"X'82'" ..Subchannel Recovery
		1... ..11		IOSV16ID	"X'83'" ..SVC16 PURGE
		1... .1..		IOSAPRID	"X'84'" ..Unconditional Reserve
		1... .1.1		IOSMIHID	"X'85'" ..Missing Interrupt Handler
		1... .11.		IOSPRVID	"X'86'" ..I/O Prevention Handler
		1... .111		IOSRSVID	"X'87'" ..Re-reserve service
		1... 1...		IOSGRSID	"X'88'" ..GRS service
5	(5)	BITSTRING	1	IOSFLD	Flag byte D
		1...		IOSNOINT	"X'80'" ..Set by a driver to request that the I/O request be issued to a device with an intercept condition. The intercept condition is to be saved for the next I/O request.
		.1..		IOSMNORQ	"X'40'" ..IOS is not to requeue this IOSB if Start Pending condition is detected (MIH, etc).
		..1.		IOSEPCIF	"X'20'" ..Early PCI exit call Flag. Set by the I/O driver to get called from the SLIH, instead of from post status for good intermediate status.
		...1		IOSCCWDS	"X'10'" ..Channel program resides in a data space. Set by the I/O driver
		.... 1...		IOSEPCIS	"X'08'" ..Early PCI exit Space switch flag. Set by the I/O driver to indicate that IOSVSLIH should CMSET to the driver's address space prior to invoking the PCI exit.
		.... .1..		IOSLIOPF	"X'04'" ..Long I/O Post flag set by the I/O driver to indicate that the driver should be posted back if the I/O request will take a long time to complete due to an MIH condition, manual intervention, etc..

Table 315. Structure IOSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... ..1.		IOSNOLL	"X'02'" Set by the driver to indicate that post status must not get the local lock in order to use the local lock save area, as deadlock could occur. IOSPSLL must also be set on by the driver.
		1		IOSBEXTF	"X'01'" ..IOSB extension valid
6	(6)	SIGNED	2	IOSASID	Address space identification of address space to be scheduled at termination of I/O request.
8	(8)	ADDRESS	4	IOSPGAD	I/O driver termination address. High order bit defines the addressing mode. For attention processing, the attention address.
12	(C)	BITSTRING	1	IOSPKEY	Protect key of IOSPGAD
	EQU X'F0'	Protect key field			
		.... 1...		IOSLCL	"X'08'" ASID schedule at local level
		.... .1..		IOSIDR	"X'04'" Asynchronous ERP scheduling should be used for this I/O request (Indirect recording for paging I/O requests).
		.... ..1.		IOSPGDPX	"X'02'" This request has a backed up copy (duplexed page).
		1		IOSCHCMP	"X'01'" Driver has a complete channel program, IOS must not build a standard prefix.
13	(D)	BITSTRING	1	IOSCOD	I/O completion code field
		Completion codes 41 - 5F are reserved for permanent error conditions. These codes will always be the last entry codes to the abnormal end exits. Completion codes 60 - 73 are reserved for IOS definition use. These codes indicate conditions that IOS has detected in processing the I/O request. Completion codes 74 - 7E denote abnormal conditions for which correction may be possible. These codes denote first entry to abnormal end exits. Completion codes 7F denotes normal I/O completion. It does not indicate that the I/O request completed successfully. Completion code 49 applies only to Store and Modify Subchannel requests.			
		.1.. ...1		IOSERRC	"X'41'" Permanent I/O error
		.1.. ..1.		IOSEXTC	"X'42'" DASD extent error
		.1.. ..11		IOSDPXC	"X'43'" Duplexed I/O request was not started because of the UCB level or a not ready device.
		.1.. .1..		IOSINTC	"X'44'" Request was intercepted because an error occurred after the last time the device was used and the requestors error recovery procedures wants this intercept condition treated as a permanent error.

Table 315. Structure IOSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.1.. .1.1		IOSABNC	"X'45'" I/O request abnormally terminated because of program check, machine check, etc in IOS or an exit.
		.1.. .11.		IOSCD46	"X'46'" Reserved
		.1.. .111		IOSEXTRM	"X'47'" I/O request not started - driver Start Subchannel exit (See IOSXSSXA field) requested termination prior to the SSCH being issued.
		.1.. 1...		IOSPRGC	"X'48'" I/O request purged.
		.1.. 1..1		IOSCNCLD	"X'49'" Store or Modify Subchannel request has been cancelled.
		.1.. 1.1.		IOSPVTIO	"X'4A'" I/O Prevention - either the I/O request has not been started or the I/O request has been terminated.
		.1.. 1.11		IOSTAPEC	"X'4B'" Error in tape repositioning
		.1.. 11..		IOSIVEXP	"X'4C'" Invalid exposure number
		.1.. 11.1		IOSGDPCC	"X'4D'" CC=3 - GDP or NIP in control, or with IOSGDPLP set, no logically available paths (UCBLPM).
		.1.. 111.		IOSGDPRD	"X'4E'" GDP - Reserved device or in conjunction with IOSRELSE, device cannot be released.
		.1.1		IOSCD50	"X'50'" Reserved
		.1.1 ...1		IOSMIHCA	"X'51'" The I/O request has been declared in permanent error.
		.1.1 ..1.		IOSMIHSP	"X'52'" The I/O request was found pending in the subchannel by IOS, and the driver requested that the IOSB not be requeued(MIH,etc)
		.1.1 ..11		IOSIOTCR	"X'53'" IOS cancelled the I/O request due to an I/O timeout condition
		.1.1 .1..		IOSCAPAS	"X'54'" The I/O request could not be started. The current address space did not match IOSASID and a Captured UCB address was used in IOSUCB.
		.11. 11.1		IOSGDPWE	"X'6D'" CC=3 on all paths with IOSCC3WE bit set- return request to requestor.
		.111 ...1		IOSFTCHC	"X'71'" For Fetch driver- hardware corrected data check.
		.111 .1..		IOSMIHC	"X'74'" Simulated error status.
		.111 11.1		IOSXERPL	"X'7D'" I/O exit requested the ERP to log this request
		.111 111.		IOSFINTC	"X'7E'" Intercept condition before entrance to error routine.
		.111 1111		IOSNRMC	"X'7F'" Normal I/O completion.
IOSOPT and IOSOPT2 bit definitions - For Start Subchannel requests. See redefinition area for modify and store subchannel requests.					
14	(E)	BITSTRING	1	IOSOPT	Options byte
15	(F)	BITSTRING	1	IOSOPT2	Second option byte
-------IOSOPT--bit-definitions----------					
		1...		IOSBYP	"X'80'" Bypass IOS channel program prefixing
		.1..		IOSDEP	"X'40'" Device end posting requested

Table 315. Structure IOSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		IOSQISCE	"X'20'" This request initiated by a function which has set the quiesce level in the UCB. (This bit should only be set when using the STARTIO macro compatibilty interface. All others should place the Quiesce level in the IOSLEVEL field.)
		...1		IOSPSLL	"X'10'" If 0, Local lock needed for IOS Post status processing. If 1, Local lock not needed.
		.... 1...		IOSNERP	"X'08'" If flag UCBLERP is off, ERPs are not to be used. If UCBLERP is on, ERPs will unconditionally get control. ERPs will only be allowed to perform recovery of non-error unit checks and any additional function as defined by intermediate ERP mask flags. When this flag is on, ERPs may not perform any recovery for error cases except as defined by the ERP mask flags.
		.... .1..		IOSTSLL	"X'04'" If 0, Local lock needed by the termination routine. (IOSPSLL bit must be off) If 1, Local lock not needed by the termination routine
		.... ..1.		IOSAPR	"X'02'" Alternate path retry active. Must be set to zero by driver.
		1		IOSRELSE	"X'01'" Request for stand-alone RELEASE CCW to be issued.
IOSOPT2 - This byte reflects the I/O driver conditions for initiating an I/O request to the subchannel. See architecture for the meaning of these conditions. This byte also reflects the interrupt status from the IRB.					
		1...		IOSF	"X'80'" If 0, Format 0 CCW channel program. If 1, Format 1 CCW channel program.
		.1..		IOSP	"X'40'" If 0, the driver does not want 'Unlimited CCW Prefetch'. If 1, the driver wants 'Unlimited CCW Prefetch' active with the channel program.
		..1.		IOSI	"X'20'" If 0, The driver does not want 'Initial Status Interruption' generated. If 1, The driver wants 'Initial Status Interruption' generated.
		...1		IOSA	"X'10'" If 1, Address limit check required.
		.... 1...		IOSSI	"X'08'" If 1, Suppress Suspend Interrupt.
		.... .1..		IOSZ	"X'04'" If 1, Zero condition code to Initial selection.
		.... ..1.		IOSE	"X'02'" Extended control information stored with interrupt. (This bit is provided for information only, the stored data cannot be found from the IOSB.)
		1		IOSN	"X'01'" If 1, path not operational.
16	(10)	ADDRESS	4	IOSUCB	Unit Control Block (UCB) address, address to common segment.

Table 315. Structure IOSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
IOSFCSW field - Subchannel Status Word field. Format 0 CCW requests - Start Subchannel deferred condition code is stored in IOSCC field and the 3 byte command address in IOSCSWCA (compatable with System/370).					
20	(14)	BITSTRING	8	IOSFCSW(0)	Eight byte Subchannel CSW
20	(14)	ADDRESS	4	IOSCCWAD	Format 1 CCW address
20	(14)	ADDRESS	4	IOSTCWAD	Ending TCW address for FCX
20	(14)	BITSTRING	1	IOSCC	Start Subchannel deferred CC
		..11		IOSCC3	"X'30'" Deferred condition code 3
		...1		IOSCC1	"X'10'" Deferred condition code 1
		....		IOSCC0	"X'00'" Deferred condition code 0
21	(15)	BITSTRING	7	IOSCSW	Low order 7 bytes of CSW
21	(15)	ADDRESS	3	IOSCSWCA	Format 0 CCW address
24	(18)	BITSTRING	2	IOSTATUS	CSW status bytes
24	(18)	BITSTRING	1	IOSTSA	Device status byte of SCSW
24	(18)	BITSTRING	1	IOSDSTAT	Device status
		1...		IOSDSATN	"X'80'" ..Attention
		.1..		IOSDSSM	"X'40'" ..Status Modifier
		..1.		IOSDSCUE	"X'20'" ..Control Unit End
		...1		IOSDSBSY	"X'10'" ..Busy
		.... 1...		IOSDSCE	"X'08'" ..Channel End
		.... .1..		IOSDSDE	"X'04'" ..Device End
		.... ..1.		IOSDSUC	"X'02'" ..Unit Check
		1		IOSDSUEX	"X'01'" ..Unit Exception
25	(19)	BITSTRING	1	IOSTSB	Subchannel status byte
25	(19)	BITSTRING	1	IOSSSTAT	Subchannel status
		1...		IOSSSPCI	"X'80'" ..Program-controlled interrupt
		.1..		IOSSSIL	"X'40'" ..Incorrect Length
		..1.		IOSSSPGC	"X'20'" ..Program Check
		...1		IOSSSPTC	"X'10'" ..Protection Check
		.... 1...		IOSSSCDC	"X'08'" ..Channel Data Check
		.... .1..		IOSSSCCC	"X'04'" ..Channel Control Check
		.... ..1.		IOSSSICC	"X'02'" ..Interface Control Check
		1		IOSSSCC	"X'01'" ..Chaining Check
		1		IOSSSCRF	"X'01'" ..Channel subsystem retry failed
26	(1A)	BITSTRING	2	IOSCSWRC	Residual Count
26	(1A)	BITSTRING	1	IOSFCXST	FCX status
27	(1B)	BITSTRING	1	IOSSESTAT	Subchannel extended status
		1...		IOSINTGFAILED	"X'80'" Interrogate failed
		.111 1111		IOSSESQ	"X'7F'" Subchannel extended status qualifier - see macro IHASESQ
20	(14)	BITSTRING	4	IOSSID	UCB Subsystem-identification word
24	(18)	BITSTRING	4		Reserved

Table 315. Structure IOSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
28	(1C)	ADDRESS	4	IOSSRB	Back pointer to I/O requestors SRB
32	(20)	ADDRESS	4	IOSUSE	IOSB owner use field.
36	(24)	ADDRESS	4	IOSIOPID	The I/O prevention identifier (IOPID) that covers this I/O request.
40	(28)	BITSTRING	2	IOSAPMSK(0)	Compatibility label
40	(28)	BITSTRING	2	IOSSCHC(0)	Subchannel Control field which is presented in the subchannel status word(SCSW) of IRB.
40	(28)	BITSTRING	1	IOSSCHC0	Subchannel Control - Byte 0
	EQU X'80'	Reserved for architecture			
		.111		IOSFC	"X'70'" Function Control field
		.1..		IOSFSSCH	"X'40'" - Start Subchannel
		..1.		IOSFHSCH	"X'20'" - Halt Subchannel
		...1		IOSFCSCH	"X'10'" - Clear Subchannel
		 1111		IOSAC	"X'0F'" Activity Control
		.... 1...		IOSARSCH	"X'08'" - Resume Pending
		.... .1..		IOSASSCH	"X'04'" - Start Pending
		.... ..1.		IOSAHSCH	"X'02'" - Halt Pending
		1		IOSACSCH	"X'01'" - Clear Pending
41	(29)	BITSTRING	1	IOSSCHC1	Subchannel Control - byte 1
		111.		IOSAC2	"X'E0'" Activity Control
		1...		IOSASUBA	"X'80'" - Subchannel active
		.1..		IOSADEVA	"X'40'" - Device active
		..1.		IOSSSPND	"X'20'" - Subchannel Suspended
		...1 1111		IOSSC	"X'1F'" Status Control
		...1		IOSSALRT	"X'10'" - Alert Status
		.... 1...		IOSSINTR	"X'08'" - Intermediate status
		.... .1..		IOSSPRIM	"X'04'" - Primary Status
		.... ..1.		IOSSSEC	"X'02'" - Secondary Status
		1		IOSSPNDG	"X'01'" - Status Pending. If 0, Simulated status.
42	(2A)	SIGNED	2	IOSSNS	Sense data - 1st 2 bytes
42	(2A)	BITSTRING	0	IOSSNSBD	"X'10FE'" Value supplied to indicate unsuccessful sense
End of common IOSB section - start of processing dependent sections NML - Normal I/O request processing WTO - attention processing PCI - Intermediate status processing					
42	(2A)	X'2C'	0	IOSSECT	"*"
44	(2C)	ADDRESS	4	IOSIPIB(0)	NML- IPIB address (IOS/Purge) Initially set to zero by driver and not to be reset by exits. PCI- Intermediate status SRB/IOSB chain pointer.
44	(2C)	BITSTRING	1		
45	(2D)	BITSTRING	3	IOSIPIBP	3-byte IPIB address. Used by I/O drivers who wish to reference the IPIB

Table 315. Structure IOSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
48	(30)	ADDRESS	4	IOSPCHN	PCI- Ptr to ending status IOSB for Intermediate status SRB/IOSBS. NML- Ptr to 1st intermediate status SRB/ IOSB for ending status IOSB.
48	(30)	ADDRESS	4	IOSSCHIB	For Modify and Store Subchannel requests, IOSPCHN contains the address of the SCHIB data associated with the request (Address provided by the caller).
52	(34)	ADDRESS	4	IOSERP	ERP - Error work area address (EWA). Must initially be set to zero by the driver.
Caller Exit addresses - High order bit defines addressing mode.					
56	(38)	ADDRESS	4	IOSPCI	Intermediate status exit address or zero
60	(3C)	ADDRESS	4	IOSNRM	Normal end exit address (required)
64	(40)	ADDRESS	4	IOSABN	Anormal end exit address(required)
68	(44)	ADDRESS	4	IOSDIE	Disabled Interrupt Exit address or zero
Real Channel program - virtual and real addresses of the first CCW or the FCX TCW					
72	(48)	ADDRESS	4	IOSRST	Real address
76	(4C)	ADDRESS	4	IOSVST	Virtual address
80	(50)	ADDRESS	4	IOSDSID	Data set identifier(DSID)- purge
84	(54)	BITSTRING	1	IOSLEVEL	IOS serialization level
85	(55)	BITSTRING	1	IOSGPMSK	GDP- Guaranteed Device path mask with IOSGDP bit set. APR- Alternate path retry path mask with IOSAPR bit set.
86	(56)	BITSTRING	2	IOSDCTI	DCTI field from IRB- the I/O request device connect time.
88	(58)	BITSTRING	1	IOSFMSK	Mode set/File mask field.
89	(59)	BITSTRING	1	IOSCKEY	On STARTIO- Channel program protect key. On interrupt- 1st byte of the IRB.
		1111		IOSIRBKY	"X'F0'" . Protect key - bits 0-3
		.... 1...		IOSS	"X'08'" . Request has Suspend capability
		.... .1..		IOSIRBL	"X'04'" . ESW contains logout data
		11		IOSIRBCC	"X'03'" . SSCH Deferred condition code------
		11		IOSIRBC3	"X'03'" -Deferred condition code 3
		1		IOSIRBC1	"X'01'" -Deferred condition code 1
		....		IOSIRBC0	"X'00'" -Deferred condition code 0
90	(5A)	BITSTRING	1	IOSMDB	ERP immediate CCW op code
91	(5B)	BITSTRING	1	IOSMDM	ERP modifier mask
92	(5C)	CHARACTER	8	IOSEEK	Static seek address NOTE: CTC section starts at IOSEEK + 4.

Table 315. Structure IOSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
100	(64)	CHARACTER	8	IOSEEKA	Dynamic seek address
100	(64)	BITSTRING	1	IOSSKM	
101	(65)	BITSTRING	2	IOSSKBB	BB
103	(67)	BITSTRING	4	IOSCCHH(0)	CCHH
103	(67)	BITSTRING	2	IOSSKCC	CC
105	(69)	BITSTRING	2	IOSSKHH(0)	HH
105	(69)	BITSTRING	1	IOSSKH1	
106	(6A)	BITSTRING	1	IOSSKH2	
107	(6B)	BITSTRING	1	IOSSKR	
107	(6B)	X'6C'	0	IOSEND	"*" End of IOSB w/o extension
Channel to Channel (CTC) section					
96	(60)	DBL WORD	8	IOSCTCDW	Sense command byte CCW slot
101	(65)	BITSTRING	1	IOSCTCMD	CTC command byte from sense if format 0 CCW (IOSF=OFF)
104	(68)	BITSTRING	1	IOSCTCOP	CTC command byte from sense if format 1 CCW (IOSF=ON)
Attention section - IOS generated IOSB when IOSPROC = X'08'					
44	(2C)	BITSTRING	40	IOSATTSN	Additional sense (after IOSNS)
44	(2C)	BITSTRING	30	IOSATSNS	Additional sense data
74	(4A)	BITSTRING	1	IOSATPMK	Attention path mask - path mask of path on which attention interrupt was received
75	(4B)	BITSTRING	1	IOSAFLGS	Attention Flags
		1...		IOSAINTR	"X'80'" Indicates that attention routine is requesting intercept processing
		.1..		IOSAINTE	"X'40'" Indicates an intercept has been generated for this attention interrupt
EQU X'20' Unused EQU X'10' Unused EQU X'08' Unused EQU X'04' Unused EQU X'02' Unused EQU X'01' Unused					
76	(4C)	SIGNED	1	IOSAATI	Index to the attention table
77	(4D)	BITSTRING	7		Reserved
84	(54)	BITSTRING	24	IOSATTWA(0)	Attention routine work area
84	(54)	BITSTRING	20	IOSXMSAV	CMSET savearea in IECTCATN
104	(68)	BITSTRING	4		Reserved
Intermediate status section- IOS generated IOSB when IOSPROC= X'04'					
44	(2C)	ADDRESS	4		IOSIPIB field- must not be changed
48	(30)	ADDRESS	4		IOSPCHN field- must not be changed
52	(34)	BITSTRING	32	IOSPCIRS	Intermediate status reserved area
84	(54)	BITSTRING	1	IOSPCIWA	Intermediate status work area

Table 315. Structure IOSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
IOSB mapping fields for modify and store subchannel requests. Fields IOSFLB, IOSOPT and IOSOPT2 are mapped, as follows. IOSFLB field bit definitions -- Modify Subchannel requests only					
		1...		IOSMLPMO	"X'80'" If 1, old LPM is to be 'ORED' with new LPM. If 0, old LPM is to BE 'ANDED' with new LPM. This bit valid only if IOSMLPM is on.
		.1..		IOSMPOMO	"X'40'" If 1, Old PSW is to be 'ORED' with new POM. If 0, Old POM is to be 'ANDED' with new POM. This bit valid only if IOSMPOM is on.
		..1.		IOSMMMO	"X'20'" If 1, old measurement mode is to be 'ORED'with new new measurement mode. If 0, old measurement mode is to be 'ANDED' with new measurement mode. This bit valid only if IOSMMM is on.
		...1		IOSASIS	"X'10'" If 1, IOSMLPMO and IOSMPOMO are ignored, and the old LPM and/or POM are to be replaced by the new LPM/POM.
IOSOPT and IOSOPT2 bit definitions For Modify and Store Subchannel requests. --------IOSOPT----------					
		1...		IOSSYN	"X'80'" If 1, indicates STORE or MODIFY subchannel request is to be done synchronously. If 0, indicates caller can handle asynchronous issuing of STORE or MODIFY Subchannel.
		.1..		IOSNOPTH	"X'40'" If 1, indicates for path message request, a conditional no path condition.
EQU X'3F' Reserved- initialized to zero --------IOSOPT2----------					
		1...		IOSMISC	"X'80'" If 1, interrupt subclass is to be modified by MSCH
		.1..		IOSME	"X'40'" If 1, enabled indicator is to be modified by MSCH (IOS use only)
		..1.		IOSMLM	"X'20'" If 1, limit mode is to be modified by MSCH
		...1		IOSMMM	"X'10'" If 1, measurement mode is to be modified by MSCH
		.... 1...		IOSMLPM	"X'08'" If 1, logical path mask is to be modified by MSCH
		.... .1..		IOSMMBI	"X'04'" If 1, measurement block index is to be modified by MSCH
		.... ..1.		IOSMPOM	"X'02'" If 1, path operational mask is to be modified by MSCH
		1		IOSMD	"X'01'" If 1, dynamic pathing indicator is to be modified by MSCH

Table 316. Structure IOSB

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IOSB	BASE IOSB

Table 316. Structure IOSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		JES3DM SECTION, ADDR FIELDS OFF IOSB IN IECDIOSB			
108	(6C)	CHARACTER	4	ISRID	- BLOCK IDENTIFICATION
112	(70)	CHARACTER	1	ISRFLAG1	- FLAG BYTE
		DEFINITION OF ISRFLAG1			
		1...		ISRPERR	"X'80'" - CHAN PROG ENDED WITH ERROR
		.1..		ISRRETU	"X'40'" ISR RETURNED BY IATDMER
		..1.		ISRDIE	"X'20'" - PROCESSED BY DIE ROUTINE.
		...1		ISRJPOST	"X'10'" - JES ECB POST REQD
		.... 1...		ISRTERM	"X'08'" - PROCESSED BY TERM ROUTINE.
		.... .1..		ISRUERR	"X'04'" - COULD NOT IDENTIFY ERROR CP.
		.... ..1.		ISRSIO	"X'02'" SIO DONE
		1		ISRDIOUT	"X'01'" EXIT FROM DIE
113	(71)	BITSTRING	1	ISRSYMSK	- SIO SYSTEM MASK SAVE AREA.
114	(72)	BITSTRING	1	ISRFLAG2	FLAG BYTE 2
		DEFINITION OF ISRFLAG2			
		1...		ISRINCMP	"X'80'" I/O INCOMPLETE
		.1..		ISRDIEOB	"X'40'" ISR OBTAINED BY DIE
		..1.		ISRATPST	"X'20'" AUX-TASK POST REQUIRED
		...1		ISRERR	"X'10'" ERP HAS BEEN IN CONTROL
		.... 1...		ISRNRMSC	"X'08'" 2ND ENTRY TO NORMAL EXIT
		.... .1..		ISRDMITA	"X'04'" ENTRY TO DMITA (FOOTPRINT) 0443
		.... ..1.		ISRJESIO	"X'02'" At least one JES3 JSAM request included
		1		ISRIOSTR	"X'01'" IATDMDK: I/O being initiated IATDMIT: I/O to be started after a failure in IATDMDK
115	(73)	CHARACTER	1	ISRRSVDU	- RESERVED FOR USER
116	(74)	SIGNED	4	ISREXTEN	- ADDR OF EXTENT TABLE ENTRY
120	(78)	SIGNED	4	ISRCPEND	- ADDR+8 OF LAST CCW IN CHAIN
124	(7C)	SIGNED	4	ISRNXISR	- ISR LINK FIELD
128	(80)	SIGNED	4	ISRERDMC	- ADDR OF DMC HAVING AN I/O ERROR
132	(84)	SIGNED	4	ISRDMFRR	- ADDR OF JES3SDM FRR ROUTINE
136	(88)	SIGNED	4	ISRSAVE(9)	- SAVE AREA FOR START I/O SUBR
172	(AC)	SIGNED	4	ISRTVTAD	ADDRESS OF TVT FOR POST
176	(B0)	SIGNED	4	ISRNXDMC	DMCNXDMC SAVEAREA FOR DMITT
		SRB SECTION, ADDR FIELDS OFF SRBSECT IN IHASRB			
180	(B4)	CHARACTER	44	ISRSRB	- SPACE IN DSECT FOR SRB
224	(E0)	DBL WORD	8	ISRFEND(0)	- END OF IATYISR
224	(E0)	X'E0'	0	ISRFSIZE	"ISRFEND-IOSB" - SIZE OF IATYISR

Table 317. Cross Reference for IATYISR

Name	Offset	Hex Tag
IOSA	F	10
IOSAATI	4C	
IOSABN	40	
IOSABNC	D	45
IOSAC	28	F
IOSACHN	0	C0
IOSACLR	3	FC
IOSACSCH	28	1
IOSAC2	29	E0
IOSADDR	3	18
IOSADEVA	29	40
IOSADIER	3	1C
IOSAFLGS	4B	
IOSAHALT	3	FD
IOSAHSCH	28	2
IOSAINTE	4B	40
IOSAINTER	3	F8
IOSAINTR	4B	80
IOSAMOD	3	FE
IOSAOMID	4	14
IOSAPCI	3	4
IOSAPMSK	28	
IOSAPR	F	2
IOSAPRID	4	84
IOSAPURG	3	C
IOSARSCH	28	8
IOSASID	6	
IOSASIS	54	10
IOSASMID	4	E
IOSASNRQ	3	FA
IOSASSCH	28	4
IOSASTOR	3	FF
IOSAST1	3	F9
IOSASUBA	29	80
IOSATMID	4	4
IOSATPMK	4A	
IOSATSNS	2C	
IOSATTN	3	8
IOSATTSN	2C	
IOSATTWA	54	
IOSAUR	3	20
IOSAUSID	4	10
IOSAWTO	3	14
IOSB	0	
IOSB	0	
IOSBDCST	1	2

Table 317. Cross Reference for IATYISR (continued)

Name	Offset	Hex Tag
IOSBEXTF	5	1
IOSBSTD	0	
IOSBYP	F	80
IOSCAPAS	D	54
IOSCC	14	
IOSCCHH	67	
IOSCCHN	0	40
IOSCCWAD	14	
IOSCCWDS	5	10
IOSCC0	14	0
IOSCC1	14	10
IOSCC3	14	30
IOSCC3WE	2	20
IOSCDRID	4	17
IOSCD46	D	46
IOSCD50	D	50
IOSCHCMP	C	1
IOSCKEY	59	
IOSCLRID	4	81
IOSCNCLD	D	49
IOSCOD	D	
IOSCSW	15	
IOSCSWCA	15	
IOSCSWRC	1A	
IOSCTCDW	60	
IOSCTCMD	65	
IOSCTCNR	2	2
IOSCTCOP	68	
IOSDACID	4	1F
IOSDAVV	4	12
IOSDCHN	0	80
IOSDCSID	4	13
IOSDCTI	56	
IOSDEP	F	40
IOSDIE	44	
IOSDIESE	1	80
IOSDOM	0	2
IOSDPXC	D	43
IOSDSATN	18	80
IOSDSBSY	18	10
IOSDSCE	18	8
IOSDSCUE	18	20
IOSDSDE	18	4
IOSDSID	50	
IOSDSSM	18	40
IOSDSTAT	18	

Table 317. Cross Reference for IATYISR (continued)

Name	Offset	Hex Tag
IOSDSUC	18	2
IOSDSUEX	18	1
IOSDVRID	4	
IOSDYPID	4	11
IOSE	F	2
IOSEEK	5C	
IOSEEKA	64	
IOSEIDAW	2	40
IOSEND	6B	6C
IOSEPCIF	5	20
IOSEPCIS	5	8
IOSERP	34	
IOSERR	0	20
IOSERRC	D	41
IOSEX	0	4
IOSEXP	2	10
IOSEXTC	D	42
IOSEXTRM	D	47
IOSF	F	80
IOSFC	28	70
IOSFCHID	4	7
IOSFCSCH	28	10
IOSFCSW	14	
IOSFCXST	1A	
IOSFHSCH	28	20
IOSFINTC	D	7E
IOSFLA	0	
IOSFLB	1	
IOSFLC	2	
IOSFLD	5	
IOSFMSK	58	
IOSFSSCH	28	40
IOSFTCHC	D	71
IOSGDP	2	1
IOSGDPCC	D	4D
IOSGDPLP	2	80
IOSGDPRD	D	4E
IOSGDPWE	D	6D
IOSGPMSK	55	
IOSGRSID	4	88
IOSI	F	20
IOSIDR	C	4
IOSINTC	D	44
IOSINTGFAILED	1B	80
IOSINTID	4	1E
IOSIONRD	1	8

Table 317. Cross Reference for IATYISR (continued)

Name	Offset	Hex Tag
IOSIOPID	24	
IOSIOSB	0	1
IOSIOSID	4	0
IOSIOTCR	D	53
IOSIPIB	2C	
IOSIPIBP	2D	
IOSIRBCC	59	3
IOSIRBC0	59	0
IOSIRBC1	59	1
IOSIRBC3	59	3
IOSIRBKY	59	F0
IOSIRBL	59	4
IOSIVEXP	D	4C
IOSJESID	4	8
IOSLCL	C	8
IOSLEVEL	54	
IOSLIOPF	5	4
IOSLOG	1	1
IOSMD	54	1
IOSMDB	5A	
IOSMDM	5B	
IOSMDSID	4	F
IOSME	54	40
IOSMIHC	D	74
IOSMIHCA	D	51
IOSMIHID	4	85
IOSMIHSP	D	52
IOSMISC	54	80
IOSMISID	4	1
IOSMI2ID	4	1D
IOSMLM	54	20
IOSMLPM	54	8
IOSMLPMO	54	80
IOSMMBI	54	4
IOSMMM	54	10
IOSMMMO	54	20
IOSMNORQ	5	40
IOSMPOM	54	2
IOSMPOMO	54	40
IOSMSG	1	4
IOSN	F	1
IOSNERP	F	8
IOSNOINT	5	80
IOSNOLL	5	2
IOSNOPTH	54	40
IOSNORTY	2	2

Table 317. Cross Reference for IATYISR (continued)

Name	Offset	Hex Tag
IOSNORWS	2	8
IOSNOTRS	1	20
IOSNRM	3C	
IOSNRMC	D	7F
IOSOLTID	4	6
IOSOPT	E	
IOSOPT2	F	
IOSP	F	40
IOSPAVID	4	19
IOSPCHN	30	
IOSPCI	38	
IOSPCIRS	34	
IOSPCIWA	54	
IOSPGAD	8	
IOSPGDPX	C	2
IOSPKEY	C	
IOSPRGC	D	48
IOSPRGID	4	A
IOSPROC	3	
IOSPRVID	4	86
IOSPSLL	F	10
IOSPVTIO	D	4A
IOSQISCE	F	20
IOSRELSE	F	1
IOSRESRC	1	10
IOSRST	48	
IOSRSVID	4	87
IOSS	59	8
IOSSALRT	29	10
IOSSC	29	1F
IOSSCHC	28	
IOSSCHC0	28	
IOSSCHC1	29	
IOSSCHIB	30	
IOSSCRID	4	82
IOSSDR	1	40
IOSSECT	2A	2C
IOSSESQ	1B	7F
IOSSESTAT	1B	
IOSSI	F	8
IOSSID	14	
IOSSINTR	29	8
IOSSKBB	65	
IOSSKCC	67	
IOSSKHH	69	
IOSSKH1	69	

Table 317. Cross Reference for IATYISR (continued)

Name	Offset	Hex Tag
IOSSKH2	6A	
IOSSKM	64	
IOSSKR	6B	
IOSSLFID	4	18
IOSSMDA	0	10
IOSSMDB	0	8
IOSSMSID	4	15
IOSSNS	2A	
IOSSNSBD	2A	10FE
IOSSPNDG	29	1
IOSSPRIM	29	4
IOSSRB	1C	
IOSSSCC	19	1
IOSSSCCC	19	4
IOSSSCDC	19	8
IOSSSCRF	19	1
IOSSSEC	29	2
IOSSSICC	19	2
IOSSSIL	19	40
IOSSSPCI	19	80
IOSSSPGC	19	20
IOSSSPND	29	20
IOSSSPTC	19	10
IOSSSTAT	19	
IOSSS1ID	4	9
IOSSYN	54	80
IOSTAPEC	D	4B
IOSTATUS	18	
IOSTCMID	4	5
IOSTCWAD	14	
IOSTSA	18	
IOSTSB	19	
IOSTSLL	F	4
IOSUCB	10	
IOSUSE	20	
IOSVERIF	2	40
IOSVPSID	4	B
IOSVSAID	4	3
IOSVST	4C	
IOSV16ID	4	83
IOSV33ID	4	80
IOSXCFID	4	16
IOSXCPID	4	2
IOSXERPL	D	7D
IOSXMSAV	54	
IOSZ	F	4

Table 317. Cross Reference for IATYISR (continued)

Name	Offset	Hex Tag
IOS2CSWS	2	4
ISRATPST	72	20
ISRCPEND	78	
ISRDIE	70	20
ISRDIEOB	72	40
ISRDIOUT	70	1
ISRDMFRR	84	
ISRDMITA	72	4
ISRERDMC	80	
ISRERR	72	10
ISREXTEN	74	
ISRFEND	E0	
ISRFLAG1	70	
ISRFLAG2	72	0
ISRFSIZE	E0	E0
ISRID	6C	
ISRINCMP	72	80
ISRIOSTR	72	1
ISRJESIO	72	2
ISRJPOST	70	10
ISRNRMSC	72	8
ISRNXDMC	B0	
ISRNXISR	7C	
ISRPCHN	8	
ISRPERR	70	80
ISRPHIAD	14	
ISRPID	0	C9E2D9D7
ISRPLEN	C	
ISRPLOAD	10	
ISRPRFIX	0	
ISRPRSVD	18	
ISRPSIZE	18	20
ISRRETU	70	40
ISRRSVDU	73	
ISRSAVE	88	
ISRSIO	70	2
ISRSRB	B4	
ISRSYMSK	71	
ISRTERM	70	8
ISRTVTAD	AC	
ISRUERR	70	4
SRB	0	
SRBASCB	8	
SRBASC24	9	
SRBBLK24	27	20
SRBCPAFF	C	

Table 317. Cross Reference for IATYISR (continued)

Name	Offset	Hex Tag
SRBEND	2C	
SRBEP	14	
SRBEPA	14	
SRBFLC	C	
SRBFLGS	25	
SRBFLGS1	27	
SRBFLNK	4	
SRBFRRA	28	
SRBFRRA3	2B	
SRBFRRCL	25	10
SRBFRREQ	25	20
SRBHLHI	26	
SRBID	0	
SRBLLHLD	25	40
SRBLLREQ	25	80
SRBMAIN	27	80
SRBMODE	14	80
SRBMSCHD	27	2
SRBPARM	1C	
SRBPASID	E	
SRBPKF	24	
SRBPMCS	27	4
SRBPNONQ	25	4
SRBPRIOR	25	
SRBPSYS	25	0
SRBPTCB	10	
SRBRMODE	18	80
SRBRMTLL	1B	1
SRBRMTR	18	
SRBRMTRA	18	
SRBRMTR0	18	
SRBRMTR3	1B	
SRBSAVE	20	
SRBSD31	2B	1
SRBSECT	0	
SRBSIZE	2C	2C
SRBSP245	27	40
SRBSUSP	25	8
SRBTOKNP	27	1
SRBWEB	20	
SRBXESF	27	10
SRB1STS	27	8

IATYISTN information

IATYISTN heading information

Common name:	Intermediate SETNAME table entry
Macro ID:	IATYISET
DSECT name:	ISTNSTRT
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Auxiliary Storage: N/A Subpool: 0
Size:	ISTNSIZE
Created by:	IATINCF
Pointed to by:	INTSTNID entry in IATYINT
Serialization:	NONE
Function:	This data area contains intermediate text for a SETNAME initialization statement.

IATYISTN mapping

Table 318. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

Table 319. Structure ISTNSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	ISTNSTRT	
		Name variety of intermediate SETNAME entry.			
0	(0)	CHARACTER	8	ISTNNAME	Name
8	(8)	BITSTRING	2	ISTNFLAG	Flag bytes
10	(A)	BITSTRING	1	ISTNRSVD	Reserved for development
11	(B)	BITSTRING	2	ISTNRSVS	Reserved for service
13	(D)	BITSTRING	1	ISTNRSVU	Reserved for user
14	(E)	BITSTRING	1	ISTNEND(0)	End of entry
14	(E)	BITSTRING	1	ISTNSIZE(0)	
		XTYPE variety of intermediate SETNAME entry.			
0	(0)	BITSTRING	1	ISTNHDRI	Header type indicator
1	(1)	BITSTRING	1	ISTNTYPE	SETNAME type code
2	(2)	CHARACTER	8	ISTNXTYP	XTYPE represented
		Length used to build a real SETNAME entry out of an intermediate one.			
2	(2)	X'A'	0	STLENGTH	"ISTNRSVD-ISTNNAME" Length of SETNAMEs

Table 320. Cross Reference for IATYISTN

Name	Offset	Hex Tag
ISTNEND	E	
ISTNFLAG	8	
ISTNHDRI	0	
ISTNNAME	0	
ISTNRSVD	A	
ISTNRSVS	B	
ISTNRSVU	D	
ISTNSIZE	E	
ISTNSTRT	0	
ISTNTYPE	1	
ISTNXTYP	2	
STLENGTH	2	A

IATYITK information

IATYITK programming interface information

The following fields are **NOT** programming interface information:

- *0003
- *0003
- ITKBTRAD
- ITKCFGAD
- ITKCFGTK
- ITKCKI
- ITKCKPAD
- ITKCSRAD
- ITKDEREG
- ITKGRCK
- ITKGRCKT
- ITKICPAD
- ITKLTRC
- ITKNTRCA
- ITKPRMAD
- ITKRGTKN
- ITKSPRAD
- ITKSQE
- ITKS99AD
- ITKVOLAD
- ITKXCKPT
- ITKXSQE
- ITKXTRC

IATYITK heading information

Common name:	PARAMETER LIST FOR IATINTK
Macro ID:	IATYITK
DSECT name:	ITKPARMS
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Main Storage: SUBPOOL 0 Auxiliary Storage: NONE
Size:	199 Bytes
Created by:	IATINTK
Pointed to by:	Register 6 from Execution of IATINTK to IATINIT. IATINIT then stores contents of Register 6 into the TVT (TVTITKPM).
Serialization:	NONE
Function:	This data area is the parameter data area contained in IATINTK--the mother task for JES3 and address spaces utilizing FSS alternate NUCLEUS support.

IATYITK mapping

Table 321. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

Table 322. Structure ITKPARMS

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	ITKPARMS	
0	(0)	CHARACTER	4	ITKID	Eyecatcher
4	(4)	SIGNED	4	ITKINDAT	SYSTEM START DATE
8	(8)	SIGNED	4	ITKINTIM	SYSTEM START TIME
12	(C)	CHARACTER	2	ITKMEMBR	Inish member suffix
14	(E)	BITSTRING	2	ITKRSVDA	Reserved for IBM
16	(10)	SIGNED	4	ITKRSVDD(2)	Reserved for IBM
24	(18)	ADDRESS	4	ITKCKI	ADDR OF CHECKPOINT DATA AREA
28	(1C)	ADDRESS	4	ITKSMF43	SMF TYPE 43 RECORD
32	(20)	ADDRESS	4	ITKS99TM	Temporary S99 chain during dynamic change
36	(24)	SIGNED	4	ITKRSVD3(5)	Reserved for IBM
56	(38)	ADDRESS	4	ITKICPAD	INISH CHECKPOINT RECORD ADDR
60	(3C)	ADDRESS	4	ITKS99AD	DYNALLOC CKPNT RECORD ADDRESS
64	(40)	ADDRESS	4	ITKCKPAD	JESCKPNT CKPNT RECORD ADDRESS
68	(44)	ADDRESS	4	ITKVOLAD	SPOOL VOLUMES CKPNT RECORD ADDR
72	(48)	ADDRESS	4	ITKSPRAD	SPOOL PART CKPNT RECORD ADDR
76	(4C)	ADDRESS	4	ITKCSRAD	CSR CHECKPOINT RECORD ADDR
80	(50)	ADDRESS	4	ITKBTRAD	BADTRACK CKPNT RECORD ADDR
84	(54)	ADDRESS	4	ITKCFGAD	Configuration services entry point
88	(58)	SIGNED	4	ITKCFGTK	Configuration services token
92	(5C)	ADDRESS	4	ITKMSTEP	Main status services entry point
96	(60)	SIGNED	4	ITKMSTKN	Main status services token

Table 322. Structure ITKPARMS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
100	(64)	SIGNED	4	ITKMSTRC	Main status services rc
104	(68)	SIGNED	4	ITKMSTRS	Main status services rsn

```
TKMSTLS IATXMSTA MF=L Main status services
```

```
$TI= z2.2.0 HJS77A0 140827 PD0TN: z 2.2.0
   IATXMSTA MF=L
```

108	(6C)	SIGNED	4	ITKMSTLS(0)	
108	(6C)	ADDRESS	4		System status services token address
112	(70)	ADDRESS	4		System name address
116	(74)	SIGNED	4	(2)	Reserved for IBM
116	(74)	X'10'	0	ITKMSTLN	"*-ITKMSTLS" Length of parameter list
124	(7C)	ADDRESS	4	ITKXTRC	IATGRTX ENTRY ADDRESS
128	(80)	SIGNED	4	ITKLTRC	LAST TRACE POINTER
132	(84)	SIGNED	4	ITKTVTAD	JES3 TVT address 0051
136	(88)	SIGNED	4	ITKJ3TCB	JES3 NUC TCB 0051
140	(8C)	SIGNED	4	ITKCOMAD	JES3 COMM (IEZCOM) address 0051
144	(90)	ADDRESS	4	ITKWRTAD	Write routine address for 0051 exception analysis etc. 0051
148	(94)	SIGNED	4	ITKACFCT	Active FCT monitor parms. 0051
152	(98)	SIGNED	4	ITKMNECB	Active FCT monitor ECB addr.0051
156	(9C)	SIGNED	4	ITKCMECB	Active FCT monitor command 0051 ECB 0051
156	(9C)	X'4'	0	ITKPMON	"4" Stop FCT monitor command 0051 was issued 0051
156	(9C)	X'8'	0	ITKSTMON	"8" Start monitor command was 0051 issued 0051
160	(A0)	SIGNED	4	ITKAMTCB	Active FCT Monitor TCB 0051 address 0051
164	(A4)	SIGNED	4	ITKCIBPT	CIB pointer for Modify 0051
168	(A8)	SIGNED	4	ITKSSCT	JES3 SSCT POINTER
172	(AC)	SIGNED	4	ITKSSVT	JES3 SSVT POINTER
176	(B0)	SIGNED	4	ITKUXPM	USER EXIT PARAMETERS ADDRESS
		1...		ITKPRMFL	"X'80'" HIGH ORDER BIT OF ITKUXPM 0 - PARM AREA EXISTS 1 - PARM AREA DOESN'T EXIST
180	(B4)	CHARACTER	8	ITKQNAME	JES3 MAJOR NAME FOR ENQ/RESRV
188	(BC)	ADDRESS	4	ITKMYTCB	IATINTK TCB address 0005
192	(C0)	SIGNED	4	ITKRSVD4	Reserved for IBM
196	(C4)	ADDRESS	4	ITKINDTA	Address of IATINDT
200	(C8)	ADDRESS	4	ITKMSGBF	Address of message buffer chain to be formatted in IATMOSPL
204	(CC)	BITSTRING	8	ITKLSTST	System last start time 11565S5A
212	(D4)	SIGNED	4	ITKRSVS(3)	Reserved for IBM
224	(E0)	ADDRESS	4	ITKDEREG	Deregistration routine addr 0003
228	(E4)	BITSTRING	8	ITKRGTKN	JES3 registration token 0003
236	(EC)	SIGNED	4	ITKNTRCA	ADDRESS OF NUC PATH TRACE TABLE
240	(F0)	SIGNED	4	ITKSQE	STORAGE QUEUE
244	(F4)	SIGNED	4	ITKRSVU(2)	RESERVED FOR USER

Table 322. Structure ITKPARMS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
252	(FC)	BITSTRING	4	ITKTOKEN	CONTENTS OF TOKEN FROM START
		1...		ITKTOKFL	"X'80'" TOKEN EXISTS - IN ITKTOKEN
256	(100)	SIGNED	4	ITKFSID(0)	FSS IDENTIFIER
256	(100)	SIGNED	2	ITKFSSID	FSS PORTION OF FSS ID
258	(102)	SIGNED	2	ITKFSAID	FSA PORTION OF FSA ID
260	(104)	CHARACTER	8	ITKFSSIN	FSS INIT MODULE NAME (PARSED FROM MVS START COMMAND)
268	(10C)	ADDRESS	4	ITKPRMAD	ADDR OF START CMD PARM LIST
	ITKFSFLG - Function specific flag byte. 0				
272	(110)	BITSTRING	1	ITKFSFLG	Function Specific flag byte
		1...		ITKFSSAD	"X'80'" MODULE EXECUTING IN FSS ADSP
		.1..		ITKCIFSS	"X'40'" CI FSS ADDRESS SPACE
		..1.		ITKUJCTR	"X'20'" IATUTJCT utility read only
		...1		ITKUJCTW	"X'10'" IATUTJCT utility read/write
		.... 1...		ITKDYNCH	"X'08'" Dynamic change request (*F,CONFIG command)
	ITKFLAG2 - Flag byte 2. 0				
273	(111)	BITSTRING	1	ITKFLAG2	Flag Byte 2 0025
		1...		ITKPRVIC	"X'80'" Previous cold or warm start 0025 was incomplete 0025
		.1..		ITKNOCSR	"X'40'" There is no CSR (because of 0025 error, or new checkpoint) 0025
		..1.		ITKNOREQ	"X'20'" NOREQ PARM was specified 0051
		...1		ITKAUXWT	"X'10'" IAT6410 WTOR issued for the 0051 Aux task 0051
		.... 1...		ITKRTRYF	"X'08'" Allocation should be 02479SLC retried if it fails and 02497SLA the operator requests it. 02497SLA Initialization should 02497SLA fail if the allocation 02497SLA fails. 02497SLA
		.... .1..		ITKMONAB	"X'04'" IATABMN issued ABEND W104074A against monitor TCB W104074A
		.... ..1.		ITKF2R02	"X'02'" Reserved for IBM 0025
		1		ITKF2R01	"X'01'" Reserved for IBM 0025
274	(112)	SIGNED	2	ITKCSRUS	CSR DISPL TO OWN ENTRY
276	(114)	SIGNED	2	ITKS99CT	Number of DYNALLOC statements
	ITKTKFLG - Local use flags. 0				
278	(116)	BITSTRING	1	ITKTKFLG	FLAGS - LOCAL USE
		1...		ITKCSRDN	"X'80'" CSR WRITTEN, INISH FAILURE
		.1..		ITKNODMP	"X'40'" DO 2FB/NODUMP
		..1.		ITKAUTOR	"X'20'" JES3 is in auto-restart mode (i.e. it is restarting automatically)
		...1		ITKARCFG	"X'10'" Auto-restart was initiated due to a configuration change
		.... 1...		ITKAROPR	"X'08'" Auto-restart was initiated by the operator 05925SUA

Table 322. Structure ITKPARMS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... .1..		ITKARCFA	"X'04'" Auto-restart was initiated 05925SUA due to the abend of a 05925SUA critical FCT 05925SUA 05925SUA
		.... ..1.		ITKARBEA	"X'02'" Auto-restart was initiated because of repetitive failures
		1		ITKFLR02	"X'01'" Reserved for IBM 05925SUA 05925SUA
278	(116)	X'3E'	0	ITKAUTFL	"ITKAUTOR+ITKARCFG+ITKAROPR+ITKARCFA+ ITKARBE A" All auto-restart flags 05925SUA
279	(117)	BITSTRING	1	ITKFLAG	INISH FLAGS (SAME AS TVTVS2F1)
280	(118)	BITSTRING	1	ITKSTFLG	START TYPE (SAME AS TVRSTFLG)
	ITKGSFLG - Start Restriction flags. 0				
281	(119)	BITSTRING	1	ITKGSFLG	START RESTRICTIONS
		1...		ITKSTC	"X'80'" Cold start required
		.1..		ITKSTCW	"X'40'" Cold or warm start required
		..1.		ITKSTL	"X'20'" Local start (not hot)
		...1		ITKSTWRN	"X'10'" Other processors are up
		.... 1...		ITKSTGBL	"X'08'" Global in cold/warm start
		.... .1..		ITKSTME	"X'04'" This processor defined in CSR
		.... ..1.		ITKSCWHR	"X'02'" Cold, warm, or hot start with refresh required
282	(11A)	CHARACTER	44	ITKINDSN	The data set name (DSNAME=) on JES3IN DD statement
326	(146)	SIGNED	2	ITKOLDGL	CSR offset of the old 0005 global for DSI reversal 0005
	CHECKPOINT ACCESS METHOD ENTRY POINTS				
328	(148)	ADDRESS	4	ITKGRCKT	CKPT TERMINATION E.P.-IATGRCKT
332	(14C)	ADDRESS	4	ITKXCKPT	IATXCKPT SERVICE E.P.-IATGRCKP
336	(150)	ADDRESS	4	ITKGRCK	CKPT INISH E.P.-IATGRCK
340	(154)	SIGNED	4	ITKM3098	DOM id for auto-restart message - IAT3098
344	(158)	CHARACTER	4	ITKSSNM	SS NAME FROM START COMMAND
348	(15C)	SIGNED	4	ITKXSQE	STORAGE Q MANAGER ADDRESS
352	(160)	CHARACTER	23	ITKFSMSG(0)	FSS PORTION OF WTO MESSAGE
352	(160)	CHARACTER	4		
356	(164)	CHARACTER	8	ITKFSSNM	FSS NAME FROM START COMMAND
364	(16C)	CHARACTER	7		
371	(173)	CHARACTER	4	ITKEASID	EBCDIC ADDRESS SPACE ID
371	(173)	X'177'	0	ITKEND	"*" END OF AN ENTRY
371	(173)	X'177'	0	ITKSIZE	"ITKEND-ITKPARMS" SIZE OF AN ENTRY

Table 323. Cross Reference for IATYITK

Name	Offset	Hex Tag
ITKACFCT	94	0

Table 323. Cross Reference for IATYITK (continued)

Name	Offset	Hex Tag
ITKAMTCB	A0	0
ITKARBEA	116	2
ITKARCFA	116	4
ITKARCFG	116	10
ITKAROPR	116	8
ITKAUTFL	116	3E
ITKAUTOR	116	20
ITKAUXWT	111	10
ITKBTRAD	50	
ITKCFGAD	54	
ITKCFGTK	58	0
ITKCIBPT	A4	0
ITKCIFSS	110	40
ITKCKI	18	
ITKCKPAD	40	
ITKCMECB	9C	0
ITKCOMAD	8C	0
ITKCSRAD	4C	
ITKCSRDN	116	80
ITKCSRUS	112	0
ITKDEREG	E0	
ITKDYNCH	110	8
ITKEASID	173	40404040
ITKEND	173	177
ITKFLAG	117	0
ITKFLAG2	111	0
ITKFLR02	116	1
ITKFSAID	102	0
ITKFSFLG	110	0
ITKFSID	100	
ITKFSMSG	160	
ITKFSSAD	110	80
ITKFSSID	100	0
ITKFSSIN	104	40404040
ITKFSSNM	164	5CE4D5D2
ITKF2R01	111	1
ITKF2R02	111	2
ITKGRCK	150	
ITKGRCKT	148	
ITKGSFLG	119	0
ITKICPAD	38	
ITKID	0	C9E3D240
ITKINDAT	4	0
ITKINDSN	11A	40404040
ITKINDTA	C4	
ITKINTIM	8	0

Table 323. Cross Reference for IATYITK (continued)

Name	Offset	Hex Tag
ITKJ3TCB	88	0
ITKLSTST	CC	0
ITKLTRC	80	0
ITKMEMBR	C	4040
ITKMNECB	98	0
ITKMONAB	111	4
ITKMSGBF	C8	
ITKMSTEP	5C	
ITKMSTKN	60	0
ITKMSTLN	74	10
ITKMSTLS	6C	
ITKMSTRC	64	0
ITKMSTRS	68	0
ITKMYTCB	BC	
ITKM3098	154	0
ITKNOCSR	111	40
ITKNODMP	116	40
ITKNOREQ	111	20
ITKNTRCA	EC	0
ITKOLDGL	146	
ITKPARMS	0	
ITKPMON	9C	4
ITKPRMAD	10C	
ITKPRMFL	B0	80
ITKPRVIC	111	80
ITKQNAME	B4	E2E8E2E9
ITKRGTKN	E4	0
ITKRSVDA	E	
ITKRSVDD	10	0
ITKRSVD3	24	
ITKRSVD4	C0	0
ITKRSVS	D4	0
ITKRSVU	F4	0
ITKRTRYF	111	8
ITKSCWHR	119	2
ITKSIZE	173	177
ITKSMF43	1C	
ITKSPRAD	48	
ITKSQE	F0	0
ITKSSCT	A8	0
ITKSSNM	158	40404040
ITKSSVT	AC	0
ITKSTC	119	80
ITKSTCW	119	40
ITKSTFLG	118	0
ITKSTGBL	119	8

Table 323. Cross Reference for IATYITK (continued)

Name	Offset	Hex Tag
ITKSTL	119	20
ITKSTME	119	4
ITKSTMON	9C	8
ITKSTWRN	119	10
ITKS99AD	3C	
ITKS99CT	114	0
ITKS99TM	20	
ITKTKFLG	116	0
ITKTOKEN	FC	0
ITKTOKFL	FC	80
ITKTVTAD	84	0
ITKUJCTR	110	20
ITKUJCTW	110	10
ITKUXPM	B0	0
ITKVOLAD	44	
ITKWRTAD	90	
ITKXCKPT	14C	
ITKXSQE	15C	0
ITKXTRC	7C	

IATYITR information

IATYITR heading information

Common name: Internal Trace Record Map

Macro ID: IATYITR

DSECT name: ITRCHDR, ITRCNTRY

Owning component: JES3 (SC1BA)

Eye-catcher ID: ITR
Offset: 0
Length: 4

Storage attributes: Main Storage: JES3 Private
Auxiliary Storage: N/A
Subpool: 252
Key: 1
Residency: Any

Size: ITRCSIZE

Created by: IATABMN

Pointed to by: TVTXITRC in IATYTVTX

Serialization: None

Function: This macro is used to map the JES3 Internal Trace Table header and individual entries.

IATYITR mapping

Table 324. Structure ITRCHDR

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	ITRCHDR	
0	(0)	CHARACTER	4	ITRCEYE	Eye catcher

Table 324. Structure ITRCHDR (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
4	(4)	ADDRESS	4	ITRCC1ST	1st physical trace entry
8	(8)	ADDRESS	4	ITRCCLST	Last physical trace entry
12	(C)	ADDRESS	4	ITRCCCUR	Current entry while in Failsoft, otherwise the last entry used
16	(10)	SIGNED	4	ITRCELEN	Size of one entry
20	(14)	ADDRESS	4	ITRCBEAT	Breaking event address table pointer
24	(18)	SIGNED	2	ITRCRFHW	High-water mark of Breaking Event Address entries with the same BEA

Table 325. Structure ITRCNTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	ITRCNTRY	
0	(0)	CHARACTER	8	ITRCTMDT	TIME, DATE OF ENTRY TO ABMN
0	(0)	X'0'	0	ITRCTIME	"ITRCTMDT,4" TIME OF ENTRY TO ABMN
0	(0)	X'4'	0	ITRCDATE	"ITRCTMDT+4,4" DATE OF ENTRY TO ABMN
8	(8)	SIGNED	4	ITRCREGS(0)	R0,R1 ON ENTRY TO ABMN
8	(8)	SIGNED	4	ITRCREG0	R0 ON ENTRY TO ABMN
12	(C)	SIGNED	4	ITRCREG1	R1 ON ENTRY TO ABMN
16	(10)	CHARACTER	8	ITRCEC1	PSW AT TIME OF FAILURE
24	(18)	SIGNED	4	ITRCABCC	ABEND CC
28	(1C)	CHARACTER	1	ITRCACF2	ADDITIONAL PROCESSING REQUESTS
29	(1D)	CHARACTER	1	ITRCILC1	INSTRUCTION LENGTH CODE
30	(1E)	BITSTRING	1	ITRCGFLG	General flag byte
		1...		ITRCGNDP	"X'80'" No dump was requested
		.1..		ITRCGR40	"X'40'" Reserved for IBM
		..1.		ITRCGR20	"X'20'" Reserved for IBM
		...1		ITRCGR10	"X'10'" Reserved for IBM
		.... 1...		ITRCGR08	"X'08'" Reserved for IBM
		.... .1..		ITRCGR04	"X'04'" Reserved for IBM
		.... ..1.		ITRCGR02	"X'02'" Reserved for IBM
		1		ITRCGR01	"X'01'" Reserved for IBM
31	(1F)	BITSTRING	1	ITRCRSV	Reserved for IBM
32	(20)	SIGNED	4	ITRCRC	Reason code 0009
36	(24)	BITSTRING	4	ITRCFLGS(0)	INPUT FLAGS
36	(24)	CHARACTER	1	ITRCERRA	ERROR TYPE
37	(25)	CHARACTER	1	ITRCERRB	ADDITIONAL ERROR INFORMATION
38	(26)	CHARACTER	1	ITRCERRC	ADDITIONAL ERROR INFORMATION
39	(27)	CHARACTER	1	ITRCERRD	ADDITIONAL ERROR INFORMATION
40	(28)	CHARACTER	1	ITRCMCHD	MACHINE CHECK ERROR INFORMATION
41	(29)	CHARACTER	1	ITRCFSIN	FSINDEX1
42	(2A)	CHARACTER	1	ITRCAFG3	AFGFLAG3
43	(2B)	CHARACTER	1	ITRCPARM	ESTAE EXIT LEVEL
44	(2C)	ADDRESS	4	ITRCFCTA	FCTACTIV AT TIME OF FAILURE
48	(30)	CHARACTER	64	ITRCGRSV	REGISTERS AT TIME OF FAILURE
112	(70)	CHARACTER	64	ITRCARSV	ACCESS REGISTERS AT TIME OF FAILURE
176	(B0)	CHARACTER	64	ITRC64HI	High order word of registers

Table 325. Structure ITRCNTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
240	(F0)	ADDRESS	4	ITRCFSWA	A(FSWA)
244	(F4)	ADDRESS	4	ITRCSDWA	A(SDWA)
248	(F8)	ADDRESS	4	ITRCRTYA	RETRY ADDRESS
252	(FC)	SIGNED	4	ITRCR15	R15 ON RETURN TO CONTROL PROGRAM
256	(100)	SIGNED	4	ITRCTOD	First word of the TOD clock
260	(104)	BITSTRING	8	ITRCBEA	Copy of SDWABEA
268	(10C)	SIGNED	4	ITRCEND(0)	END OF INTERNAL TRACE TABLE ENTRY
268	(10C)	X'10C'	0	ITRCSIZE	"ITRCEND-ITRCNTRY" SIZE OF INTERNAL TRACE TABLE ENTRY

Table 326. Structure ITRCRFEN

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	ITRCRFEN	
0	(0)	BITSTRING	8	ITRCRFAD	Breaking Event Address from SDWABEA
8	(8)	SIGNED	2	ITRCRFCT	Count
10	(A)	SIGNED	2	ITRCRSVD	Reserved
10	(A)	X'C'	0	ITRCRFEL	"*-ITRCRFEN" Entry length

Table 327. Cross Reference for IATYITR

Name	Offset	Hex Tag
ITRCABCC	18	
ITRCACF2	1C	
ITRCAFG3	2A	
ITRCARSV	70	
ITRCBEA	104	
ITRCBEAT	14	
ITRCCCUR	C	
ITRCCLST	8	
ITRCC1ST	4	
ITRCDATE	0	4
ITRCEC1	10	
ITRCELEN	10	
ITRCEND	10C	
ITRCERRA	24	
ITRCERRB	25	
ITRCERRC	26	
ITRCERRD	27	
ITRCEYE	0	
ITRCFCTA	2C	
ITRCFLGS	24	
ITRCFSIN	29	
ITRCFSWA	F0	
ITRCGFLG	1E	
ITRCGNDP	1E	80
ITRCGRSV	30	

Table 327. Cross Reference for IATYITR (continued)

Name	Offset	Hex Tag
ITRCGR01	1E	1
ITRCGR02	1E	2
ITRCGR04	1E	4
ITRCGR08	1E	8
ITRCGR10	1E	10
ITRCGR20	1E	20
ITRCGR40	1E	40
ITRCHDR	0	
ITRCILC1	1D	
ITRCMCHD	28	
ITRCNTRY	0	
ITRCPARM	2B	
ITRCRC	20	
ITRCREGS	8	
ITRCREG0	8	
ITRCREG1	C	
ITRCRFAD	0	
ITRCRFCT	8	
ITRCRFEL	A	C
ITRCRFEN	0	
ITRCRFHW	18	
ITRCRSV	1F	
ITRCRSVD	A	
ITRCRTYA	F8	
ITRCR15	FC	
ITRCSDWA	F4	
ITRCSIZE	10C	10C
ITRCTIME	0	0
ITRCTMDT	0	
ITRCTOD	100	
ITRC64HI	B0	

IATYITXT information

IATYITXT programming interface information

IATYITXT is a programming interface.

IATYITXT heading information

Common name: Intermediate Text File Identifiers

Macro ID: IATYITXT

DSECT name: ITXTSTRT

Owning component: JES3 (SC1BA)

Eye-catcher ID: 'NONE'
Offset: N/A
Length: N/A

Storage attributes:	Auxiliary Storage: N/A Subpool: N/A Key: N/A Residency: N/A
Size:	ITXTLEN for DSECT ITXTSTRT
Created by:	IATUTIFD
Pointed to by:	N/A
Serialization:	NONE
Function:	This macro defines the file id's associated with the intermediate text that is written to spool during initialization. The file id's appear in the Initialization File Directory (IFD) entry for the intermediate text, and the IATYSPL entry that is used to access the intermediate text (the IATYSPL entries are located in IATYINT).

IATYITXT mapping

Table 328. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		
		Intermediate Text File Identifiers 01 Change Activity: $SR= TCPNJE HJS7720 030630 PD0RF: z 1.7.0			
		,SETUNITS			
		1		ITXSETUN	"X'1'" Intermediate text file id
		,SUPUNITS			
		.... ..1.		ITXSUPUN	"X'2'" Intermediate text file id
		,SYSOUT CLASS			
		11		ITXSYSOT	"X'3'" Intermediate text file id
		,SOCKET Definition			
		.... .1..		ITXSOCKT	"X'4'" Intermediate text file id
		,DEADLINE			
		.... .1.1		ITXDEADL	"X'5'" Intermediate text file id
		,NETSERV definition			
		.... .11.		ITXNETSV	"X'6'" Intermediate text file id
		,REMOTE CONSOLE			
		.... .111		ITXRMTCN	"X'7'" Intermediate text file id
		,RESDSN			
		.... 1...		ITXRESDS	"X'8'" Intermediate text file id
		,RESERVED			
		.... 1..1		ITXRSD03	"X'9'" Intermediate text file id

Table 328. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
,SETPARAM					
		.... 1.1.		ITXSETPA	"X'A'" Intermediate text file id
,SETNAME					
		.... 1.11		ITXSETNM	"X'B'" Intermediate text file id
,MAINPROC, GROUP, CLASS					
		.... 11..		ITXMAINP	"X'C'" Intermediate text file id
,CLASS INFO, SELECT, GROUP EXRESC					
		.... 11.1		ITXCLASS	"X'D'" Intermediate text file id
,RJPLINE					
		.... 111.		ITXRJPLN	"X'E'" Intermediate text file id
,CONSTD					
		 1111		ITXCONST	"X'F'" Intermediate text file id
,RJPTERM					
		...1		ITXRJPTM	"X'10'" Intermediate text file id
,RESERVED					
		...1 ...1		ITXRSD04	"X'11'" Intermediate text file id
,CIPARM					
		...1 ..1.		ITXCIPRM	"X'12'" Intermediate text file id
,MSGROUTE					
		...1 ..11		ITXMSGRT	"X'13'" Intermediate text file id
,SETACC					
		...1 .1..		ITXSETAC	"X'14'" Intermediate text file id
,SETRES					
		...1 .1.1		ITXSETRS	"X'15'" Intermediate text file id
,HWSNAME					
		...1 .11.		ITXHWSNM	"X'16'" Intermediate text file id
,DEVICE FENCE (EXRESC, DEVPOOL)					
		...1 .111		ITXDVFNC	"X'17'" Intermediate text file id
,RESERVED					
		...1 1...		ITXRSD05	"X'18'" Intermediate text file id

Table 328. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
,RESERVED					
		...1 1..1		ITXRSD06	"X'19'" Intermediate text file id
,RESERVED					
		...1 1.1.		ITXRSD07	"X'1A'" Intermediate text file id
,RESERVED					
		...1 1.11		ITXRSD08	"X'1B'" Intermediate text file id
,RJPWS (WSB)					
		...1 11..		ITXWSB	"X'1C'" Intermediate text file id
,COMPACT					
		...1 11.1		ITXCOMPC	"X'1D'" Intermediate text file id
,RJPWS (RLT)					
		...1 111.		ITXRJPWS	"X'1E'" Intermediate text file id
,DYNALDSN					
		...1 1111		ITXDYNDS	"X'1F'" Intermediate text file id
,FSSDEF					
		..1.		ITXFSSDF	"X'20'" Intermediate text file id
,RESERVED					
		..1. ...1		ITXRSD09	"X'21'" Intermediate text file id
,DESTDEF					
		..1. ..1.		ITXDSTDF	"X'22'" Intermediate text file id
,NJERMT					
		..1. ..11		ITXNJERM	"X'23'" Intermediate text file id
,USER1					
		..1. .1..		ITXUSR01	"X'24'" Intermediate text file id
,USER2					
		..1. .1.1		ITXUSR02	"X'25'" Intermediate text file id
,USER3					
		..1. .11.		ITXUSR03	"X'26'" Intermediate text file id
,USER4					
		..1. .111		ITXUSR04	"X'27'" Intermediate text file id

Table 328. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
,USER5					
		..1. 1...		ITXUSR05	"X'28'" Intermediate text file id
,USER6					
		..1. 1..1		ITXUSR06	"X'29'" Intermediate text file id
,USER7					
		..1. 1.1.		ITXUSR07	"X'2A'" Intermediate text file id
,USER8					
		..1. 1.11		ITXUSR08	"X'2B'" Intermediate text file id
,USER9					
		..1. 11..		ITXUSR09	"X'2C'" Intermediate text file id
,USER10					
		..1. 11.1		ITXUSR10	"X'2D'" Intermediate text file id
,END OF FILE IDS					
0	(0)	BITSTRING	0	ITXEND	"X'FFFF'" Intermediate text file id

Table 329. Cross Reference for IATYITXT

Name	Offset	Hex Tag
ITXCIPRM	0	12
ITXCLASS	0	D
ITXCOMPC	0	1D
ITXCONST	0	F
ITXDEADL	0	5
ITXDSTDF	0	22
ITXDVFNC	0	17
ITXDYNDS	0	1F
ITXEND	0	FFFF
ITXFSSDF	0	20
ITXHWSNM	0	16
ITXMAINP	0	C
ITXMSGRT	0	13
ITXNETSV	0	6
ITXNJERM	0	23
ITXRESDS	0	8
ITXRJPLN	0	E
ITXRJPTM	0	10
ITXRJPWS	0	1E
ITXRMTCN	0	7
ITXRSD03	0	9

Table 329. Cross Reference for IATYITXT (continued)

Name	Offset	Hex Tag
ITXRSD04	0	11
ITXRSD05	0	18
ITXRSD06	0	19
ITXRSD07	0	1A
ITXRSD08	0	1B
ITXRSD09	0	21
ITXSETAC	0	14
ITXSETNM	0	B
ITXSETPA	0	A
ITXSETRS	0	15
ITXSETUN	0	1
ITXSOCKT	0	4
ITXSUPUN	0	2
ITXSYSOT	0	3
ITXUSR01	0	24
ITXUSR02	0	25
ITXUSR03	0	26
ITXUSR04	0	27
ITXUSR05	0	28
ITXUSR06	0	29
ITXUSR07	0	2A
ITXUSR08	0	2B
ITXUSR09	0	2C
ITXUSR10	0	2D
ITXWSB	0	1C

IATYIVM information

IATYIVM heading information

Common name: JES3 JOB VALIDATION/RESTART MESSAGE BUFFER

Macro ID: IATYIVM

DSECT name: IVMSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID:
IVM
Offset: 0
Length: 4

Storage attributes:
Main Storage: SUBPOOL 0 Private, anywhere
Auxiliary Storage: N/A

Size: Variable

Created by:
IATDMJV
IATINJV

Pointed to by:
IVMNEXT IN IATYIVM,
JVWMSGQ IN IATYJVW,
SRVMSGQ IN IATYSRV

Serialization: NONE

Function: Maps the work area used by the job validation routine. It is used to hold messages queued for the JES3OUT data set or console during job validation and restart. It is also used to contain diagnostic text associated with a spool record.

IATYIVM mapping

Table 330. Structure IVMSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IVMSTART	
0	(0)	CHARACTER	4	IVMID	DATA AREA IDENTIFIER
4	(4)	ADDRESS	4	IVMNEXT	CHAIN TO NEXT QUEUED MESSAGE
IVMFLG1 --- MESSAGE INDICATORS					
8	(8)	BITSTRING	1	IVMFLG1	
		1...		IVM1WTO	"X'80'" WTO=Y
9	(9)	BITSTRING	3	IVMRSVD	RESERVED FOR DEVELOPMENT
IVMWTO --- MESSAGE AREA (WTO MF=L) IVMWTO WTO MF=L					
12	(C)	SIGNED	4	IVMWTO(0)	
12	(C)	ADDRESS	2		TEXT LENGTH
14	(E)	BITSTRING	2		MCSFLAGS
16	(10)	CHARACTER	53		
32	(20)	X'7C'	0	IVMWTOL	"*-IVMWTO"
32	(20)	X'88'	0	IVMEND	"*"
32	(20)	X'88'	0	IVMSIZE	"IVMEND-IVMSTART"

Table 331. Cross Reference for IATYIVM

Name	Offset	Hex Tag
IVMEND	20	88
IVMFLG1	8	
IVMID	0	
IVMNEXT	4	
IVMRSVD	9	
IVMSIZE	20	88
IVMSTART	0	
IVMWTO	C	
IVMWTOL	20	7C
IVM1WTO	8	80

IATYJBT information

IATYJBT programming interface information

The following field is **NOT** programming interface information:

- JBTSTT

IATYJBT heading information

Common name:	JOB/DATASET TRACK ALLOCATION TABLE (JBT)
Macro ID:	IATYJBT
DSECT name:	None
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Main Storage: JSAM BUFFER Auxiliary Storage: SPOOL
Size:	Variable - 68 Bytes + Job Track Allocation Table variable segment
Created by:	IATDMTK
Pointed to by:	DSSTATAD OF IATYDSS JDSTATFD OF IATYJDS JIBTATAD OF IATYJIB RRETATAD OF IATYRRE
Serialization:	NONE
Function:	Describes track groups allocated to a particular job or dataset

IATYJBT mapping

Table 332. Structure JBTSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JBTSTART	
0	(0)	BITSTRING	6	JBTTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	JBTCNT	USER COUNT.
8	(8)	CHARACTER	4	JBTID	File id.
12	(C)	BITSTRING	12	JBTCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	JBTVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	JBTDATA(0)	START OF USER DATA AREA.
28	(1C)	BITSTRING	6	JBTFIRST	M.R OF FIRST JBT IN CHAIN
34	(22)	SIGNED	2	JBTFIXL	OFFSET TO VARIABLE SEGMENT
36	(24)	SIGNED	2	JBTSPNDX	SPOOL PARTITION INDEX LAST USED
38	(26)	SIGNED	2	JBTKLEFT	NUMBER OF AVAILABLE ENTRIES
40	(28)	SIGNED	2	JBTKNEXT	OFFSET TO NEXT AVAILABLE ENTRY
42	(2A)	SIGNED	2	JBTGRPCT	NUMBER OF TRACK GROUP ENTRIES
44	(2C)	SIGNED	2	JBTJNUMC	Compatible with JBTJNUM - see IATXJBNO macro
46	(2E)	SIGNED	2	JBTRSVD1	RESERVED FOR DEVELOPMENT
48	(30)	SIGNED	4	JBTVALID	VALIDATION FIELD
52	(34)	SIGNED	4	JBTSTT	ADDR OF STT OR ZERO
56	(38)	SIGNED	4	JBTJNUM	Binary Job/DSP number (the high-order bit is set for DSPs)
60	(3C)	BITSTRING	1	JBTFLAG1	TAT FLAG
		Definition of JBTFLAG1			
		1...		JBTRABD	"X'80'" RAB DESTROY COMPLETE
		.1..		JBTPRGTK	"X'40'" Track purge is needed
61	(3D)	BITSTRING	1	JBTRSVS1(3)	RESERVED FOR SERVICE
64	(40)	SIGNED	4	JBTRSVU1	RESERVED FOR USER
64	(40)	X'44'	0	JBTFEND	"*" END OF FIXED AREA

Table 332. Structure JBTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
64	(40)	X'44'	0	JBTFSIZE	"JBTFEND-JBTSTART" - SIZE OF FIXED AREA.
JOB TRACK ALLOCATION TABLE VARIABLE SEGMENT					
68	(44)	SIGNED	2	JBTENTRY(0)	START OF VARIABLE SEGMENT
68	(44)	BITSTRING	1	JBTGPADR	TRACK GROUP ADDRESS (X.G)
68	(44)	X'4A'	0	JBTGPNXT	"*" START OF NEXT X.G ENTRY

Table 333. Structure VLDENTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	VLDENTRY	
0	(0)	SIGNED	4	VLDVALID	Validation field
4	(4)	SIGNED	4	VLDJOBNO	Associated job number or DSP (if the high-order bit is set)
4	(4)	X'8'	0	VLDLEN	"*-VLDENTRY" Entry length

Table 334. Structure SCFSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SCFSTART	
0	(0)	ADDRESS	8	SCFVLARR	64-bit VALID array address
8	(8)	DBL WORD	8	SCFSLOTA	64-bit VALID slot address
16	(10)	SIGNED	4	SCFVLSIZ	VALID array size
20	(14)	ADDRESS	4	SCFEXTLS	Extent vector address
24	(18)	SIGNED	4	SCFSAVE(2)	Save area for R1-R2 15642T7A
32	(20)	SIGNED	4	SCFSV14	Save area for R14 15642T7A
36	(24)	SIGNED	2	SCFNXTS	Number of extents w/o the JCT - old configuration
38	(26)	BITSTRING	6	SCFXG	X.G value
38	(26)	BITSTRING	2	SCFX	The 'X' portion
40	(28)	BITSTRING	1	SCFG	The 'G' portion
New VALID array parameters.					
48	(30)	ADDRESS	8	SCFVLARN	New VALID array address
56	(38)	SIGNED	4	SCFVLSZN	New VALID array size
60	(3C)	ADDRESS	4	SCFEXTAN	Address of the new extent vector
64	(40)	SIGNED	2	SCFNXTSN	Number of extents w/o the JCT - new configuration
66	(42)	SIGNED	2	SCFRSVD1	Reserved for IBM
SLOTCOPY data.					
68	(44)	SIGNED	4	SCFRETCD	Return code from SLOTCOPY
72	(48)	ADDRESS	4	SCFECFAD	ECF address
76	(4C)	SIGNED	4	SCFECFMK	ECF mask (in the low order byte)
80	(50)	DBL WORD	8	SCFEND(0)	End on doubleword boundary
80	(50)	X'50'	0	SCFSIZE	"*-SCFSTART" SCF size

Table 335. Cross Reference for IATYJBT

Name	Offset	Hex Tag
JBTCHN	C	0
JBTCNT	6	0
JBTDATA	1C	
JBTENTRY	44	
JBTFEND	40	44
JBTFIRST	1C	
JBTFIXL	22	
JBTFLAG1	3C	
JBTFSIZE	40	44
JBTGPADR	44	
JBTGPNXT	44	4A
JBTGRPCT	2A	
JBTID	8	D1C2E340
JBTJNUM	38	
JBTJNUMC	2C	
JBTKLEFT	26	
JBTKNEXT	28	
JBTPRGTK	3C	40
JBTRABD	3C	80
JBTRSVD1	2E	
JBTRSVS1	3D	
JBTRSVU1	40	
JBTSPNDX	24	
JBTSTART	0	
JBTSTT	34	
JBTTRK	0	0
JBTVALID	30	
JBTVLID	18	0
SCFECFAD	48	
SCFECFMK	4C	
SCFEND	50	
SCFEXTAN	3C	
SCFEXTLS	14	
SCFG	28	
SCFNXTS	24	
SCFNXTSN	40	
SCFRETCD	44	
SCFRSVD1	42	
SCFSAVE	18	
SCFSIZE	50	50
SCFSLOTA	8	
SCFSTART	0	
SCFSV14	20	
SCFVLARN	30	
SCFVLARR	0	
SCFVLSIZ	10	

Table 335. Cross Reference for IATYJBT (continued)

Name	Offset	Hex Tag
SCFVLSZN	38	
SCFX	26	
SCFXG	26	
VLDENTRY	0	
VLDJOBNO	4	
VLDLEN	4	8
VLDVALID	0	

IATYJCT information

IATYJCT programming interface information

The following field is **NOT** programming interface information:

- JCTCNDB

IATYJCT heading information

Common name: JOB CONTROL TABLE

Macro ID: IATYJCT

DSECT name: JCTSTART, SESTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: JCT
Offset: 0
Length: 4

Storage attributes: Main Storage: JSAM BUFFER
JCT cache in 64-bit storage
IATXJCT buffer pool
Auxiliary Storage: JES3 JCT EXTENT

Size: Variable

Created by: IATGRJX when IATXJCT TYPE=ADD issued

Pointed to by: JQEFDB in IATYJQE (TRACK/BUFFER ADDR.)
JVWJCFDB in IATYJVW (SPOOL ADDRESS)
JVWJCT in IATYJVW (BUFFER ADDRESS)

Serialization: IATXJCT (TYPE=RW)

Function: This is a control block on spool which contains information pertinent to a single job. It consists of one fixed section and several variable sections. Each variable section consists of a scheduler element mapping. Each scheduler element represents a phase in the job's processing.

IATYJCT mapping

Table 336. Structure JCT_STRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JCT_STRT	
0	(0)	BITSTRING	6	JCT_TRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	JCT_CNT	USER COUNT.
8	(8)	CHARACTER	4	JCT_ID	File id.
12	(C)	BITSTRING	12	JCT_CHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	JCT_VLID	Validation field = DATVALID

Table 336. Structure JCT_STRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
28	(1C)	SIGNED	4	JCT_DATA(0)	START OF USER DATA AREA.
28	(1C)	SIGNED	4	JCTSTART(0)	
28	(1C)	SIGNED	4	JCTID	JCT ID
32	(20)	SIGNED	2	JCTTOTL	- LENGTH OF ENTIRE JCT - WITH ALL SE'S
34	(22)	SIGNED	2	JCTFIXL	- LENGTH OF FIXED PORTION
36	(24)	SIGNED	2	JCTVARL	- LENGTH OF EACH SE
38	(26)	BITSTRING	4	JCTJOB	Job number (binary) - the low two bytes match up with 2-byte definitions of JCTJOB in lower releases
42	(2A)	BITSTRING	1	JCTRSVH2	Reserved for IBM
43	(2B)	BITSTRING	1	JCTE70CQ	Current queue for ENF70. See field ENF70_QUEUE in IAZENF70 for valid values
44	(2C)	CHARACTER	8	JCTJBNAM	- JOB NAME
52	(34)	CHARACTER	8	JCTOUSID	OWNING USER ID D020
60	(3C)	CHARACTER	8	JCTTUSID	- SUBMITTING USERID 0618
68	(44)	CHARACTER	80	JCTTOKEN	TOKEN 0318
148	(94)	CHARACTER	8	JCTNODE	NODE
156	(9C)	CHARACTER	8	JCTPOE	PORT OF ENTRY
164	(A4)	CHARACTER	8	JCTSECBL	SECLABEL
172	(AC)	BITSTRING	1	JCTNOSES	- NUMBER OF SCHEDULER ELEMENTS
173	(AD)	BITSTRING	1	JCTNSTEP	NO. OF STEPS IN THIS JOB
174	(AE)	BITSTRING	1	JCTPRTY	- JOB PRIORITY
175	(AF)	BITSTRING	1	JCTCPTYP	- TYPE OF CNTRL PGM REQUIRED
176	(B0)	SIGNED	4	JCTMAXL	- PRINT LINE ESTIMATE
180	(B4)	SIGNED	4	JCTMAXB	- PRINT BYTE ESTIMATE
184	(B8)	SIGNED	4	JCTMAXP	- PRINT PAGE ESTIMATE
188	(BC)	SIGNED	2	JCTMAXC	- CARD OUTPUT ESTIMATE
190	(BE)	SIGNED	2	JCTWARNI	- WARNING INCRE PERCENTAGES (CARDS, LINES, BYTES, PAGES)
192	(C0)	SIGNED	2	JCTMVTSZ	FIRST STEP REGION SIZE
194	(C2)	SIGNED	2	JCTVS2SZ	VS2 REGION SIZE
196	(C4)	SIGNED	4	JCTMAINS	- MAIN INDEX FOR THIS JOB
200	(C8)	SIGNED	4	JCTFSID(0)	FUNCTIONAL SUBSYSTEM ID - VALID WHEN JCTFSS IS SET
200	(C8)	SIGNED	2	JCTFSSID	FSS PORTION OF FSID
202	(CA)	SIGNED	2	JCTFSAID	FSA PORTION OF FSID
204	(CC)	SIGNED	4	JCTPFSID(0)	FSID OF THE FSS THAT IS PROCESSING THIS JOB
204	(CC)	SIGNED	2	JCTPFSSI	FSS PORTION OF FSID
206	(CE)	SIGNED	2	JCTPFSAI	FSA PORTION OF FSID
208	(D0)	SIGNED	4	JCTRSVDD	RESERVED FOR DEVELOPMENT
212	(D4)	SIGNED	4	JCTRSVDS	RESERVED FOR SERVICE
216	(D8)	SIGNED	4	JCTRSVDU	RESERVED FOR USER
	CONTROL BLOCK FDBS				
220	(DC)	BITSTRING	12	JCTJDFDB	JDAB FDB

Table 336. Structure JCT_STRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
232	(E8)	BITSTRING	28	JCTFDTAT	JOBTAT FDB
260	(104)	BITSTRING	12	JCTJDSFD	JDS FDB
272	(110)	BITSTRING	12	JCTOSEFD	OSE FDB
284	(11C)	BITSTRING	12	JCTJMRFD	JMR FDB
296	(128)	BITSTRING	12	JCTSUFDB	JST FDB
308	(134)	BITSTRING	12	JCTUPDTE	PDB FDB
320	(140)	CHARACTER	2	JCTPROC	PRIVATE PROC USED ID
322	(142)	BITSTRING	4	JCTCIERR	C/I ERROR CODE (SAME AS RQCIERR)
326	(146)	CHARACTER	8	JCTGPORG	- DEVICE GROUP ORIGIN
334	(14E)	CHARACTER	8	JCTSCHCL	- SCHEDULER CLASS
342	(156)	CHARACTER	8	JCTDJNET	- DJC JOB-NET NET-ID
342	(156)	X'156'	0	JCTARMGR	"JCTDJNET,8" JES XCF Group Name that job was registered under
350	(15E)	BITSTRING	1	JCTRELL	- Product level
351	(15F)	BITSTRING	1	JCTRELH	- Product level
352	(160)	SIGNED	4	JCTSPVLU	JESMSGLG & JESYSMSG spinoff value (see JCTSPFLG)
356	(164)	BITSTRING	1	JCTSPFLG	JESMSGLG & JESYSMSG spinoff flag byte
		Definition of JCTSPFLG NOTE: Flag JCTSPFLG must be defined identical to RQSPFLG.			
		1...		JCTSPIN	"X'80'" Job is eligible to SPINOFF JESMSGLG and JESYSMSG ds
		.1..		JCTSTIMI	"X'40'" SPINOFF by time interval (in seconds)
		..1.		JCTSTIMD	"X'20'" SPINOFF by TOD (in sec)
		...1		JCTSLINE	"X'10'" SPINOFF by line interval
		.... 1...		JCTNOSPN	"X'08'" NOSPIN specified
		.... .1..		JCTSUPRS	"X'04'" SUPRESS specified
357	(165)	BITSTRING	1	JCTLEVEL	- JCT LEVEL INDICATOR 0518
		DEFINITION OF JCTLEVEL 0			
		1		JCTLEV01	"X'01'" SNA/NJE ENHANCEMENT 0518 0518
358	(166)	BITSTRING	3	JCTRESU	- RESERVED FOR USER
361	(169)	BITSTRING	1	JCTVSR1	- LSTRR FROM CLASS TABLE
362	(16A)	BITSTRING	1	JCTSYSTM	- SYSTEM TYPE FOR THIS JOB
		DEFINITION OF JCTSYSTM			
		.... .1..		JCTSYSJ	"X'04'" ANY JES MAIN
		.... ..1.		JCTSYSR	"X'02'" LABEL USED BY IATUTDS
		1		JCTSYSB	"X'01'" LABEL USED BY IATUTDS
363	(16B)	BITSTRING	1	JCTNJFLG	- RESERVED FLAG BYTE
364	(16C)	BITSTRING	1	JCTDJFL1	- DJC FLAG 1
		DEFINITION OF JCTDJFL1			
		1...		JCTDJJOB	"X'80'" - THIS IS A DJC JOB
		.1..		JCTDJCOH	"X'40'" - DJC OPERATOR HOLD BIT

Table 336. Structure JCT_STRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		JCTDJCNH	"X'20'" - DJC RESQ ENTRY ELIGIBLE FOR SCHED
		.... 1...		JCTDJHLD	"X'08'" - JCT IS IN NETHOLD
		.... .1..		JCTDJCHG	"X'04'" - JCT HAS BEEN ALTERED
		.... ..1.		JCTDJRQB	"X'02'" - RESQUEUE HAS BEEN BUILT
		1		JCTDJCRQ	"X'01'" - CLEAR RESQUEUE OF DJC INFORMATION
365	(16D)	BITSTRING	1	JCTDJFL2	- DJC FLAG 2
		DEFINITION OF JCTDJFL2			
		1...		JCTDJCIR	"X'80'" - INVALID RESUBMITTAL OF A NET JOB
		.1..		JCTDJAID	"X'40'" MIGRATION AID JOB
		..1.		JCTNDOFF	"X'20'" Reset DJ non-dumpable flags when this job ends.
366	(16E)	BITSTRING	1	JCTFL1	- FLAG BYTE
		DEFINITION OF JCTFL1			
		1...		JCTOPHLD	"X'80'" - OPERATOR HOLD
		.1..		JCTITER	"X'40'" - SE ITERATION IN PROCESS
		..1.		JCTIHOLD	"X'20'" - PUT JOB IN HOLD AFTER ITERATION
		...1		JCTTHOLD	"X'10'" - JOB IN TERMINAL USER HOLD
		.... 1...		JCTSETUP	"X'08'" - JOB REQUIRES SETUP
		.... .1..		JCTSCREF	"X'04'" - THIS JOB HAS SETUP W/ SCRATCH REFS
		.... ..1.		JCTDJACT	"X'02'" - JOB IS ACTIVE FOR DJ (DUMP JOB)
		1		JCTISRF	"X'01'" - AUTHORIZATION CHECK FAILURE
367	(16F)	BITSTRING	1	JCTFL2	- FLAG BYTE
		DEFINITION OF JCTFL2			
		1...		JCTAPPC	"X'80'" Job is an APPC initiator
		.1..		JCTARMR	"X'40'" Job is ARM registered
		..1.		JCTJCNV2	"X'20'" Job class name requires C/I service on main at JES3 level of V2R1 (or later)
		...1		JCTARMH	"X'10'" Job is held for ARM
		.... 1...		JCTSPNJN	"X'08'" Job expects spinoff datasets to have unique jobnames
		.... .1..		JCTSYMV2	"X'04'" Job class uses SYSSYM=ALLOW
		.... ..1.		JCTRF202	"X'02'" RESERVED FLAG
		1		JCTLRL10	"X'01'" Locates done on JES3 R10 main (SMS Unit AFF SSI supported)
368	(170)	BITSTRING	1	JCTFL3	- FLAG BYTE
		DEFINITION OF JCTFL3			
		1...		JCTOGRJP	"X'80'" - JOB ORIGIN IS RJP
		.1..		JCTSRVUP	"X'40'" - A service class update is pending for this job

Table 336. Structure JCT_STRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		JCTDSEUF	"X'20'" - JOB REQUIRES DATA SET STACKING EXIT OR SPECIAL UNIT AFF CODE
		...1		JCTSRVCM	"X'10'" - The job's service class was set via a command
		.... 1...		JCTDSPCN	"X'08'" CANCEL BY DSP WITH PRINT
		.... .1..		JCTIOMED	"X'04'" - MEDIUM I/O RATE(SAME BIT AS RQMEDIO)
		.... ..1.		JCTIOHGH	"X'02'" - HIGH I/O RATE(SAME BIT AS RQHIGHIO)
		1		JCTIOLOW	"X'01'" - LOW I/O RATE(SAME BIT AS RQLOWIO)
369	(171)	BITSTRING	1	JCTFL4	- FLAG BYTE
		DEFINITION OF JCTFL4			
		1...		JCTSUDAO	"X'80'" - JOB SETUP REQUIRES DA ONLY
		.1..		JCTATJDS	"X'40'" - JDS CONTAINS ENTRIES WITH OWN TATFDB
		..1.		JCTCIPRE	"X'20'" - JOB HAS COMPLETED MVS C/I & PRESCAN SUCCESSFULLY, ONLY POSTCAN MUST BE PERFORMED
		...1		JCTPRNAM	"X'10'" - Use PROCxx as proclib ddname (where xx = JCTPROC)
		.... 1...		JCTVSREQ	"X'08'" - JOB IS V=R
		.... .1..		JCTJRNL	"X'04'" - JOB REQUIRES JOURNAL
		.... ..1.		JCTDSEL	"X'02'" - DEMAND SELECT JOB
		1		JCTNOJLG	"X'01'" JESMSGLG logging suppressed
370	(172)	BITSTRING	1	JCTFL5	FLAG BYTE
		DEFINITION OF JCTFL5			
		1...		JCTFAIL	"X'80'" FLUSH JOB AFTER CI
		.1..		JCTFREEZ	"X'40'" DO NOT ACCESS DATA IN THIS JCT
		..1.		JCTMSTSO	"X'20'" MVS TSO JOB (JOB IS A TSO LOGON IF JCTFL4=JCTDSEL)
		...1		JCTCANCL	"X'10'" JOB CANCELED BY OPERATOR
		.... 1...		JCTCANCP	"X'08'" JOB CANC. BY OPR. WITH PRINT
		.... .1..		JCTMGRSV	"X'04'" MSGCLASS IS RESERVED CLASS
		.... ..1.		JCTLREGN	"X'02'" LREGION SPEC'D ON MAIN CARD
		1		JCTRQJID	"X'01'" This is a SYSLOG request job id job
371	(173)	BITSTRING	1	JCTFL6	FLAG BYTE
		DEFINITION OF JCTFL6			
		1...		JCTDEL	"X'80'" THIS JOB DELETE ONLY
		.1..		JCTCANCO	"X'40'" JOB CANCELED WITH OUTPUT
		..1.		JCTCANUR	"X'20'" JOB CANCELED BY USER
		...1		JCTPURGP	"X'10'" Purge Partial output
		.... 1...		JCTDSIPL	"X'08'" DEM. SEL. JOB IPLED OFF
		.... .1..		JCTJCLLB	"X'04'" PROCLIB used on JCLLIB card

Table 336. Structure JCT_STRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... ..1.		JCTDSPOP	"X'02'" DSP CALLED BY OPERATOR $$$$ OR INTERNALLY BY JES3
		1		JCTDSPAB	"X'01'" DSP TERMINATED BY FAILSOFT
372	(174)	BITSTRING	1	JCTFL7	FLAG BYTE
		DEFINITION OF JCTFL7			
		1...		JCTDJNOT	"X'80'" THIS JOB CANNOT BE DJ'ED
		.1..		JCTDJED	"X'40'" THIS JOB HAS BEEN DJ'ED
		..1.		JCTUSRJB	"X'20'" USERID IS THE UNDEFINED USER
		...1		JCTDJMA	"X'10'" DJ:MAIN SE ACTIVE $$$$
		.... 1...		JCTSPHLD	"X'08'" SPOOL HOLD FLAG
		.... .1..		JCTLVSET	"X'04'" JCT LEVEL INDICATOR SET 0518
		.... ..1.		JCTSBOWN	"X'02'" 0 => JOB OWNER FROM JOBCARD OR PROPAGATED FROM SUBMITTOR 1 => USE SUBMITTOR AS OWNER (MAY BE / MAIN USER=)
		1		JCTCTOKN	"X'01'" Job contains at least one dataset with a client token therefore JES3 can issue job change notifications relating to this job
373	(175)	BITSTRING	1	JCTFL8	FLAG BYTE
		DEFINITION OF JCTFL8			
		1...		JCTNOTFY	"X'80'" NOTIFY USER
		.1..		JCTDYNOT	"X'40'" JOB USES DYNAMIC OUTPUT 0355
		..1.		JCTSAPI	"X'20'" Job is a SAPI application
		...1		JCTPURG	"X'10'" PURGE COMPLETE
		.... 1...		JCTNTCAN	"X'08'" USER NOTIFIED OP CANCEL $$$$
		.... .1..		JCTNCHNG	"X'04'" JCT not changed. This flag 0006 may only be set by R/W 0006 callers!!! 0006
		.... ..1.		JCTWERR	"X'02'" WRITE ERROR HAS OCCURRED
		1		JCTJFAIL	"X'01'" JOB FAILED INDICATOR
374	(176)	BITSTRING	1	JCTFL9	FLAG BYTE
		DEFINITION OF JCTFL9			
		1...		JCTNSRQJ	"X'80'" This is a non-syslog request job id job
		.1..		JCTBDTSS	"X'40'" JOB IS A BDT SUBSYSTEM
		..1.		JCTFSSWK	"X'20'" JOB CONTAINS FSS WORK
		...1		JCTNJESN	"X'10'" JOB CONTAINS SNA/NJE WORK
		.... 1...		JCTNEWAV	"X'08'" NEWLY AVAILABLE FROM SPOOL 0036
		.... .1..		JCTXMIT	"X'04'" JOB CONTAINS XMIT STATEMENT 0253
		.... ..1.		JCTPURGA	"X'02'" PURGE IN PROGRESS
		1		JCTJOBTK	"X'01'" 0 - TOKEN IN JCTTOKEN 0465 REPRESENTS THE JOB 0465 SUBMITTOR 0465 1 - TOKEN IN JCTTOKEN 0465 REPRESENTS THE JOB 0465 OWNER 0465
375	(177)	BITSTRING	1	JCTFSFLG	FSS STATUS FLAG BYTE

Table 336. Structure JCT_STRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
DEFINITION OF JCTFSFLG					
		1...		JCTFSS	"X'80'" JOB RUNS AS AN FSS ADDR SPACE
376	(178)	SIGNED	4	JCTWCT	WRITE ITERATION COUNT
380	(17C)	SIGNED	4	JCTTOD	TOD JCT ADDED TO THIS PRTY
IATYCNDB_1:;					
384	(180)	SIGNED	4	JCTCNDB(0)	IATYCNDB.27: based variable for storage mapping
384	(180)	SIGNED	4		Four byte console id 0176
388	(184)	CHARACTER	4		IATYCNDB eyecatcher
392	(188)	ADDRESS	4		IATYCNDB version
396	(18C)	BITSTRING	8		Reserved for development
404	(194)	BITSTRING	8		Console Name 0176
412	(19C)	BITSTRING	24		Reserved for development
436	(1B4)	SIGNED	2		Reserved for development
438	(1B6)	BITSTRING	40		Reserved for development
478	(1DE)	SIGNED	2	JCTRSVS1	RESERVED FOR SERVICE
480	(1E0)	CHARACTER	8	JCTSPNM	SPOOL PARTITION NAME
488	(1E8)	BITSTRING	1	JCTTRKG1	PRIMARY TRK GRP ALLOCATION
489	(1E9)	BITSTRING	1	JCTTRKG2	SECONDARY TRK GRP ALLOCATION
490	(1EA)	SIGNED	2	JCTSPNDX	SPOOL PARTITION INDEX
492	(1EC)	BITSTRING	4	JCTRSVD4	Reserved for development
496	(1F0)	SIGNED	4	JCTACTL	ACTUAL LINE COUNT
500	(1F4)	SIGNED	4	JCTACTB	ACTUAL BYTE COUNT
504	(1F8)	SIGNED	4	JCTACTP	ACTUAL PAGE COUNT
508	(1FC)	SIGNED	2	JCTACTC	ACTL CARDS OFF MAIN DIV BY 8
510	(1FE)	SIGNED	2	JCTRSVD1	RESERVED FOR DEVELOPMENT
512	(200)	SIGNED	4	JCTMSPEC	MAIN MASK FROM / MAIN CD SET BY ISMN
516	(204)	SIGNED	4	JCTMINLV	Minimum BCP execution level 17648TAC set by MVS converter 17648TAA
520	(208)	BITSTRING	6	JCTSCHSP	SMS SCHEDULING INFORMATION SPOOL ADDRESS
526	(20E)	SIGNED	2	JCTRSVDH	RESERVED FOR DEVELOPMENT
528	(210)	SIGNED	2	JCTRSVD2	RESERVED FOR DEVELOPMENT 0081
530	(212)	BITSTRING	3	JCTREGFS	FIRST STEP REGION SIZE 0081
533	(215)	BITSTRING	3	JCTREGLG	LARGEST STEP REGION SIZE 0081
536	(218)	SIGNED	4	JCTRSVU2(7)	*** AVAILABLE FOR USER
564	(234)	SIGNED	4	JCTTODA	TOD JOB FIRST ADDED TO QUEUE
568	(238)	CHARACTER	8	JCTORG2	- SECONDARY ORIGIN
576	(240)	CHARACTER	1	JCTORGQ	- ORIGIN QUALIFIER
577	(241)	BITSTRING	1	JCTNJEF1	NJE JOB FLAG
		1...		JCTNJESO	"X'80'" NJE SYSOUT JOB
		.1..		JCTNJESF	"X'40'" NJE SF FLAG
		..1.		JCTNJEDB	"X'20'" NJE dubious indicator
578	(242)	CHARACTER	2	JCTRSCL2	RESERVED FOR NJE 0509

Table 336. Structure JCT_STRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
580	(244)	SIGNED	4	JCTFEND0(0)	End of version 0 fixed area
		Start of information added in version 1 JCT.			
580	(244)	CHARACTER	16	JCTSCHEN	Scheduling environment
596	(254)	CHARACTER	3	JCTPERFM	PERFORM parameter from the JOB statement
599	(257)	BITSTRING	1	JCTFLA	Flag byte A
		DEFINITION OF JCTFLA			
		1...		JCTABTRM	"X'80'" Abnormal job termination
		.1..		JCTABEND	"X'40'" System/User abend
		..1.		JCTEXVAL	"X'20'" JCT Extension is valid. 19634TKC This flag signals that a 19634TKA valid JCTX is addressable 19634TKA by the offset in JCTOTAL 19634TKA
		...1		JCTGDGBS	"X'10'" GDGBIAS=STEP is used for this job
		.... 1...		JCTRFA08	"X'08'" Reserved flag
		.... .1..		JCTRFA04	"X'04'" Reserved flag
		.... ..1.		JCTRFA02	"X'02'" Reserved flag
		1		JCTRFA01	"X'01'" Reserved flag
600	(258)	CHARACTER	8	JCTSRVCL	Service class name
608	(260)	SIGNED	4	JCTWLMTK	WLM classification token
612	(264)	SIGNED	4	JCTISEND	End of input service time stamp
616	(268)	SIGNED	4	JCTMSARV	Main service arrival time stamp (for standard jobs this is the time that the job completes C/I processing)
620	(26C)	SIGNED	4	JCTCONVD	Total C/I delay time in clock units
624	(270)	SIGNED	4	JCTOPERD	Total operational delay time in clock units
628	(274)	SIGNED	4	JCTJSCHD	Total JES scheduling delay time in clock units
632	(278)	SIGNED	4	JCTRSRCD	Total resource delay time in clock units
636	(27C)	BITSTRING	4	JCTSRMTK	WLM supplied SRM token
		JCT maximum completion code information, by design, matches the mapping in the network job trailer. Consult NJE Formats and Protocols before adding a new type.			
640	(280)	BITSTRING	4	JCTMAXRC(0)	--+ Maximum Job Return Code
640	(280)	BITSTRING	1	JCTMXIND	| Job completion indicator
		1...		JCTMXAB	"X'80'" | Abend code exists
		.1..		JCTMXCDE	"X'40'" | Condition code exists
640	(280)	X'0'	0	JCTMXUNK	"0" | No completion info
640	(280)	X'1'	0	JCTMXNRM	"1" | Job ended normally +
640	(280)	X'2'	0	JCTMXCC	"2" | Job ended by CC +
640	(280)	X'3'	0	JCTMXJCL	"3" | Job had a JCL error
640	(280)	X'4'	0	JCTMXCAN	"4" | Job was canceled
640	(280)	X'5'	0	JCTMXABN	"5" | Job ABENDed +

Table 336. Structure JCT_STRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
640	(280)	X'6'	0	JCTMXCAB	"6" | Converter ABENDed
640	(280)	X'7'	0	JCTMXSEC	"7" | Security error
640	(280)	X'8'	0	JCTMXEOM	"8" | Job failed in EOM +
641	(281)	BITSTRING	3	JCTMAXCC	--+ Completion code (set for '+' conditions)
644	(284)	BITSTRING	12	JCTASRFD	ASR FDB
656	(290)	BITSTRING	4	JCTOJBNO	Original job # (networking)
660	(294)	CHARACTER	8	JCTXNODE	Execution node
668	(29C)	CHARACTER	8	JCTSTEPN	Current step name
676	(2A4)	BITSTRING	4	JCTTIMON	Time when job entered JES3 (same as JMRENTRY)
680	(2A8)	BITSTRING	4	JCTDATON	Date when job entered JES3 (same as JMREDATE)
684	(2AC)	BITSTRING	12	JCTRSVD3	Reserved for development
696	(2B8)	SIGNED	4	JCTFEND(0)	End of fixed area
696	(2B8)	SIGNED	4	JCTFEND1(0)	End of version 1 fixed area
696	(2B8)	BITSTRING	1	JCTFSIZE(0)	Size of fixed area=L'JCTFSIZE JCTFSIZE and JCTFEND-JCTSTART should only be used in creating a JCT entry. To advance to the SE array, add JCTFIXL to a register pointing to JCTSTART.
		Migration sizes are to be used only by the IATUTJCT utility. Each migration size is defined by the label JCTMIGAB where A is the old version in VOLVERNO, B is the new version, and JCTFSIZA is the size of the fixed section at version A. If a new version N of the JCT is created, add the definition for the fixed size JCTFSIZM and the migration sizes JCTMIGNM for all M from 0 to N. Also add an entry to the migration table in IATUTJEE. Move JCTFEND so that it is the same offset as the most recently added JCTFENDN (corresponding to JCTFSIZN).			
696	(2B8)	X'228'	0	JCTFSIZ0	"JCTFEND0-JCTSTART" Size of version 0 fixed area
696	(2B8)	X'29C'	0	JCTFSIZ1	"JCTFEND1-JCTSTART" Size of version 1 fixed area
696	(2B8)	X'74'	0	JCTMIG01	"JCTFEND1-JCTFEND0" Migration size from V0-V1

Table 337. Structure SESTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SESTART	
0	(0)	BITSTRING	1	SEFLAGS	- FLAG BYTE
		DEFINITION OF SEFLAGS			
		1...		SECOMP	"X'80'" - SE COMPLETE
		.1..		SEACTIVE	"X'40'" - SE ACTIVE
		..1.		SERESCH	"X'20'" - SE RETURNED FOR RESCHEDULING
		...1		SERESERV	"X'10'" - Reserved flag
		.... 1...		SEISTART	"X'08'" - SE STARTS THE ITERATION
		.... .1..		SEIEND	"X'04'" - SE ENDS THE ITERATION

Table 337. Structure SESTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... ..1.		SEIPASS	"X'02'" - SE NOT SCHED DURING ITERATION
		1		SEDSPAB	"X'01'" DSP TERMINATED BY FAILSOFT
1	(1)	BITSTRING	1	SEFLAG1	- FLAG BYTE
		DEFINITION OF SEFLAG1			
2	(2)	BITSTRING	1	SESEQNO	- SE SEQUENCE NUMBER
3	(3)	BITSTRING	1	SEDSPNO	- DSP NUMBER
4	(4)	SIGNED	4	SEEND(0)	- END OF SE
4	(4)	BITSTRING	1	SESIZE(0)	-SIZE OF SE = L'SESIZE

Table 338. Structure FDBSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	FDBSTART	
		WARNING THE OFFSETS BETWEEN FDBSTART AND FDBFREND MUST NOT BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON SOME JES3 MODULES.			
0	(0)	SIGNED	4	FDBDATA(0)	- BUFFER ADDRESS OF DATA
0	(0)	BITSTRING	6	FDBSPADR(0)	- M.R SPOOL REC ADDR OF DATA
0	(0)	BITSTRING	2	FDBSPMOD	- MODULE NUMBER OF SPOOL EXTENT
2	(2)	BITSTRING	4	FDBSPREC	- RECORD NUMBER OF DATA
4	(4)	BITSTRING	2	FDBNOADR	Gas
6	(6)	BITSTRING	1	FDBFLAG0(0)	SINGLE RECORD AND ERROR FLAGS
		DEFINITION OF FDBFLAG0: SINGLE-RECORD AND ERROR FLAGS			
		1111		FDBERFLG	"X'F0'" I/O ERROR FLAGS.
		1..1		FDBDKFRR	"X'90'" PROGRAM CHECK IN IATDMDK.
		1...		FDBRECOV	"X'80'" SUCCESSFUL ERROR RECOVERY OCCURRED
		.111		FDBJBTER	"X'70'" ERROR READING THE JBT OCCURRED
		.11.		FDBCHKPT	"X'60'" FIRST/LAST TRACK ADDR CHANGE
		.1.1		FDBF0RS1	"X'50'" RESERVED FLAG.
		.1..		FDBERROR	"X'40'" UNCORRECTABLE I/O ERROR OCCURRED
		..11		FDBTAERR	"X'30'" DISK ADDRESS NOT VERIFY.
		..1.		FDBIOERR	"X'20'" I/O ERROR RECOVERY IN PROGRESS
		...1		FDBROTER	"X'10'" ERROR OCCURRED ON ROOT I/O.
		FOLLOWING FOUR FLAGS ARE FOR SINGLE RECORD FILES ONLY			
		.... 1...		FDBNOPUT	"X'08'" WRITE WITHOUT PUTBUF
		.... .1..		FDBOLD	"X'04'" OLD SINGLE RECORD FILE
		.... ..1.		FDBJBTAT	"X'02'" INDICATES FDB IS A JBTAT FDB
		1		FDBFCTPM	"X'01'" PARAMETERS IN FCT
6	(6)	BITSTRING	1	FDBPRTY	FDB PRTY (BITS 0-3) DURING OPEN (overlaps FDBFLAG0) 12190S5A

Table 338. Structure FDBSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
7	(7)	BITSTRING	1	FDBFLAGS	FLAGS COMMON TO SINGLE/MULT
DEFINITION OF FDBFLAGS: SINGLE- & MULTIPLE-RECORD FILES					
		1...		FDBECF	"X'80'" - I/O EVENT COMPLETION.
		.1..		FDBMNTAT	"X'40'" Single track allocation used (spool space belongs to JES3 or job 0 rather than a JOBTAT or DSTAT)
		..1.		FDBINPUT	"X'20'" - INPUT/OUTPUT FILE (INPUT IF ON).
		...1		FDBCLOSE	"X'10'" - OPEN/CLOSED FLAG (CLOSED IF ON).
		.... 1...		FDBMULT	"X'08'" - SINGLE/MULTIPLE FILE (MULT IF ON).
		.... .1..		FDBSRSV1	"X'04'" - RESERVED.
		.... ..1.		FDBWCHLK	"X'02'" - WRTCHAIN ROOT FDB LOCK FLAG.
		1		FDBSRSV2	"X'01'" - RESERVED.
8	(8)	BITSTRING	1	FDBSPFL1	- FLAGS FOR SPOOL DATA MGMT
DEFINITION OF FDBSPFL1: SINGLE- & MULTIPLE-RECORD FILES					
		1...		FDBONSP	"X'80'" - FDB CONTAINS A SPOOL ADDRESS
		.1..		FDBIOIP	"X'40'" - I/O IN-PROGRESS INDICATOR
		..1.		FDBCSBTR	"X'20'" CSBT USED TO READ CH. SRF 0440
		...1		FDBCSBTW	"X'10'" USE CSBT TO WRITE CHAINED SRF
		.... 1...		FDBCSBTL	"X'08'" USE CSBT TO RELEASE CHAINED SRF
		.... .1..		FDBCSBTJ	"X'04'" USE CSBT FOR THIS JESREAD 0440
9	(9)	BITSTRING	1	FDBFLGR2	- RESERVED FOR SERVICE
10	(A)	SIGNED	2	FDBRSVD1	- RESERVED FOR DEVELOPMENT
12	(C)	BITSTRING	1	FDBSREND(0)	END OF SINGLE REC FILE FDB
12	(C)	X'C'	0	FDBSRFL	"FDBSREND-FDBSTART" LENGTH OF AN SRF FDB
12	(C)	SIGNED	2	FDBFREND(0)	END OF FDB FROZEN SECTION
WARNING THE OFFSETS BETWEEN FDBSTART AND FDBFREND MUST NOT BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON SOME JES3 MODULES. END OF SINGLE RECORD FILE FDB THE FOLLOWING FIELDS ARE FOR MULTI-RECORD FILE FDBS (EXISTS IF THE FLAG FDBMULT IS ON IN FDBFLAGS)					
12	(C)	BITSTRING	1	FDBFLAG1	- FLAGS FOR MULTIPLE RECORD FILES.
DEFINITION OF FDBFLAG1: MULTIPLE-RECORD FILES					
		1...		FDBOCLSE	"X'80'" - CLOSE OF FILE INITIATED.
		.1..		FDBFDATA	"X'40'" - FIRST DATA BUFFER FLAG.
		..1.		FDBDATCH	"X'20'" - DATA BUFFER CHAIN FLAG.
		...1		FDBSPLIT	"X'10'" - DATA IS SPLIT BETWEEN TWO BUFFERS.

Table 338. Structure FDBSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		FDBEND	"X'08'" - FILE IS BEING OPENED AT ITS END.
		.... .1..		FDBPOINT	"X'04'" - POINT IS IN PROGRESS.
		.... ..1.		FDBF102	"X'02'" - Reserved for IBM
		1		FDBPNTIN	"X'01'" - APOINT HAS TYPE=IN AS PARAMETER.
13	(D)	BITSTRING	1	FDBFLAG2	- FLAGS FOR MULTIPLE RECORD FILES.
DEFINITION OF FDBFLAG2: MULTIPLE-RECORD FILES					
		1...		FDBLSTIO	"X'80'" - SET LAST I/O REQUEST STARTED.
		.1..		FDBALLIO	"X'40'" - SET WHEN LAST DATA BUFFER WRITTEN.
		..1.		FDBLOCAT	"X'20'" - SET WHEN AN ALOCATE IS DONE.
		...1		FDBNDATA	"X'10'" ON = NO DATA IN FILE
		.... 1...		FDBODEOD	"X'08'" RECOVER FROM NO EOD ON OPEND
		.... .1..		FDBSKIP	"X'04'" SKIP RECORD IF READ I/O ERROR
		.... ..1.		FDBMAC	"X'02'" MACHINE CARRIAGE CONTROL
		1		FDBASA	"X'01'" ASA CARRIAGE CONTROL FOR DS
14	(E)	BITSTRING	1	FDBFLAG3	- FLAGS FOR MULTI-RECORD FILES
DEFINITION OF FDBFLAG3: MULTIPLE-RECORD FILES					
		1...		FDBOPTCD	"X'80'" - OPTCD = J SPECIFIED
		.1..		FDBIOCNG	"X'40'" - I/O COUNT ERROR DETECTED
		..1.		FDBTMSTP	"X'20'" - DATCCX includes time stamp 12190S5A
15	(F)	BITSTRING	1	FDBFLGR4	- RESERVED FOR SERVICE
16	(10)	BITSTRING	1	FDBIOCNT	- NUMBER OF I/O REQUESTS OUTSTANDING.
17	(11)	BITSTRING	1	FDBERCNT	- NUMBER OF I/O ERRORS NOT CORRECTED.
18	(12)	SIGNED	2	FDBRL	- ROOM LEFT IN DATA BUFFER.
20	(14)	SIGNED	4	FDBBPTR	- CURRENT BUFFER POINTER.
24	(18)	BITSTRING	6	FDBOPEND(0)	- SPOOL ADR OF LAST DATA BUFFER
24	(18)	BITSTRING	2	FDBMODN2	- MOD NO OF LAST SPOOL EXTENT
26	(1A)	BITSTRING	4	FDBRECN2	- REC NO OF LAST SPOOL DATA
30	(1E)	SIGNED	2	FDBRSFLD	RESERVED FOR DEVELOPMENT
END OF MULTI-RECORD FILE FDB					
32	(20)	BITSTRING	1	FDBMREND(0)	END OF MULTI-RECORD FILE FDB
32	(20)	X'20'	0	FDBMRFL	"FDBMREND-FDBSTART" LENGTH OF AN MRF FDB
JOB/DATASET TAT FDB EXTENSION (EXISTS IF THE FLAG FDBJBTAT IS ON IN FDBFLAG0)					
12	(C)	SIGNED	4	FDBJBTEX(0)	START OF TAT FDB EXTENSION
RETURN PARAMETERS FROM TRACK GROUP ALLOCATION					
12	(C)	SIGNED	2	FDBRECCT	- NUMBER OF AVAILABLE RECORDS
14	(E)	BITSTRING	6	FDBJTSPA(0)	- AVAILABLE RECORD ADDRESS

Table 338. Structure FDBSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
14	(E)	BITSTRING	2	FDBJTSPM	- MODULE NUMBER
16	(10)	BITSTRING	4	FDBJTSPR	- RECORD NUMBER
20	(14)	SIGNED	4	FDBVALID	- VALIDATION FIELD FOR FILE
24	(18)	SIGNED	2	FDBSPNDX	- JOB'S SPOOL PARTITION INDEX
26	(1A)	BITSTRING	1	FDBJTFLG	- JOB/DATASET TAT STATUS FLAGS
DEFINITION OF FDBJTFLG: JOB/DATASET TAT STATUS FLAGS					
	1...			FDBJTBIT	"X'80'" - TRACK ALLOCATION SUSPENDED
	.1..			FDBDSTAT	"X'40'" - DATA SET TAT
	..1.			FDBJIOER	"X'20'" - IOERR POST REQUIRED
	...1			FDBRRERQ	"X'10'" - JSAM POST REQUIRED (RRE ALLOC)
	.... 1...			FDBJTOFL	"X'08'" - JSAM POST REQUIRED (JBT OVFLW)
	.... .1..			FDBRABDU	"X'04'" - FDB IN USE FOR RAB DESTROY
	.... ..1.			FDBJTERR	"X'02'" - RAB REFRESH ERROR
27	(1B)	BITSTRING	1	FDBJTRSV	- RESERVED FOR DEVELOPMENT
END OF THE TAT FDB EXTENSION					
28	(1C)	BITSTRING	1	FDBJTEND(0)	END OF THE JBT FDB EXTENSION
28	(1C)	X'10'	0	FDBJBTXL	"FDBJTEND-FDBJBTEX" LENGTH OF JBT FDB EXTENSION
28	(1C)	X'1C'	0	FDBJBTL	"FDBSRFL+FDBJBTXL" LENGTH OF A TAT FDB

Table 339. Structure JCTXSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JCTXSTRT	
0	(0)	BITSTRING	6	JCTXTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	JCTXCNT	USER COUNT.
8	(8)	CHARACTER	4	JCTXEYE	File id.
12	(C)	BITSTRING	12	JCTXCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	JCTXVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	JCTXDATA(0)	START OF USER DATA AREA.
28	(1C)	CHARACTER	4	JCTXCBID	Id provided by the user
32	(20)	BITSTRING	1	JCTXVER	Version number
32	(20)	X'1'	0	JCTXVER1	"1" First/current version
33	(21)	BITSTRING	1	JCTXFLG1	Flag one
Definition of JCTXFLG1					
	1...			JCTXNCHG	"X'80'" JCT not changed. This flag may only be set by R/W callers!!!
	.1..			JCTXC7B0	"X'40'" Job requires V2R3 C/I
	..1.			JCTXF120	"X'20'" Reserved for IBM
	...1			JCTXF110	"X'10'" Reserved for IBM

Table 339. Structure JCTXSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		JCTXF108	"X'08'" Reserved for IBM
		.... .1..		JCTXF104	"X'04'" Reserved for IBM
		.... ..1.		JCTXF102	"X'02'" Reserved for IBM
		1		JCTXF101	"X'01'" Reserved for IBM
34	(22)	SIGNED	2	JCTXLEN	Length of the JCTX
36	(24)	SIGNED	4	JCTXJBNO	Job number
40	(28)	CHARACTER	8	JCTXJBNM	Job name
48	(30)	BITSTRING	12	JCTXJSMA	FDB of the Job Symbol Table
60	(3C)	BITSTRING	1	JCTXJSMF	Job Symbol table flags
		Definition of JCTXJSMF NOTE: Flag JCTXJSMF must be defined identical to RQJSMFLG.			
		1...		JCTXJNOT	"X'80'" Job notification enabled (SYS_JOB_NOTIFY symbol)
		.1..		JCTXNENF	"X'40'" Job notification ENF was initiated
		..1.		JCTXASYM	"X'20'" Job requires alternate system symbol table
		...1		JCTXSYMT	"X'10'" Job symbol table CB exists
		.... 1...		JCTXCVSY	"X'08'" Job has symbols to be passed to converter
		.... .1..		JCTXINST	"X'04'" Job has datasets with symbol substitution
		.... ..1.		JCTXF202	"X'02'" Reserved for IBM
		1		JCTXF201	"X'01'" Reserved for IBM
61	(3D)	BITSTRING	1	JCTXSYSM	MPC sequence no of job that allocated INTRDR data set
62	(3E)	BITSTRING	2	JCTXFRSV	Reserved for IBM
64	(40)	CHARACTER	8	JCTXSTPN	Started task procedure name
72	(48)	SIGNED	4	JCTXRSVD(54)	Reserved for IBM
72	(48)	X'104'	0	JCTXSIZE	"*-JCTXDATA" User portion size
72	(48)	X'120'	0	JCTXTOTL	"*-JCTXSTRT" Total JCTX size

Table 340. Cross Reference for IATYJCT

Name	Offset	Hex Tag
FDBALLIO	D	40
FDBASA	D	1
FDBBPTR	14	
FDBCHKPT	6	60
FDBCLOSE	7	10
FDBCSBTJ	8	4
FDBCSBTL	8	8
FDBCSBTR	8	20
FDBCSBTW	8	10
FDBDATA	0	
FDBDATCH	C	20
FDBDKFRR	6	90
FDBDSTAT	1A	40

Table 340. Cross Reference for IATYJCT (continued)

Name	Offset	Hex Tag
FDBECF	7	80
FDBEND	C	8
FDBERCNT	11	
FDBERFLG	6	F0
FDBERROR	6	40
FDBFCTPM	6	1
FDBFDATA	C	40
FDBFLAGS	7	
FDBFLAG0	6	
FDBFLAG1	C	
FDBFLAG2	D	
FDBFLAG3	E	
FDBFLGR2	9	
FDBFLGR4	F	
FDBFREND	C	
FDBF0RS1	6	50
FDBF102	C	2
FDBINPUT	7	20
FDBIOCNG	E	40
FDBIOCNT	10	
FDBIOERR	6	20
FDBIOIP	8	40
FDBJBTAT	6	2
FDBJBTER	6	70
FDBJBTEX	C	
FDBJBTL	1C	1C
FDBJBTXL	1C	10
FDBJIOER	1A	20
FDBJTBIT	1A	80
FDBJTEND	1C	
FDBJTERR	1A	2
FDBJTFLG	1A	
FDBJTOFL	1A	8
FDBJTRSV	1B	
FDBJTSPA	E	
FDBJTSPM	E	
FDBJTSPR	10	
FDBLOCAT	D	20
FDBLSTIO	D	80
FDBMAC	D	2
FDBMNTAT	7	40
FDBMODN2	18	
FDBMREND	20	
FDBMRFL	20	20
FDBMULT	7	8
FDBNDATA	D	10

Table 340. Cross Reference for IATYJCT (continued)

Name	Offset	Hex Tag
FDBNOADR	4	
FDBNOPUT	6	8
FDBOCLSE	C	80
FDBODEOD	D	8
FDBOLD	6	4
FDBONSP	8	80
FDBOPEND	18	
FDBOPTCD	E	80
FDBPNTIN	C	1
FDBPOINT	C	4
FDBPRTY	6	
FDBRABDU	1A	4
FDBRECCT	C	
FDBRECN2	1A	
FDBRECOV	6	80
FDBRL	12	
FDBROTER	6	10
FDBRRERQ	1A	10
FDBRSFLD	1E	
FDBRSVD1	A	
FDBSKIP	D	4
FDBSPADR	0	
FDBSPFL1	8	
FDBSPLIT	C	10
FDBSPMOD	0	
FDBSPNDX	18	
FDBSPREC	2	
FDBSREND	C	
FDBSRFL	C	C
FDBSRSV1	7	4
FDBSRSV2	7	1
FDBSTART	0	
FDBTAERR	6	30
FDBTMSTP	E	20
FDBVALID	14	
FDBWCHLK	7	2
JCT_CHN	C	0
JCT_CNT	6	0
JCT_DATA	1C	
JCT_ID	8	D1C3E36D
JCT_STRT	0	
JCT_TRK	0	0
JCT_VLID	18	0
JCTABEND	257	40
JCTABTRM	257	80
JCTACTB	1F4	

Table 340. Cross Reference for IATYJCT (continued)

Name	Offset	Hex Tag
JCTACTC	1FC	
JCTACTL	1F0	
JCTACTP	1F8	
JCTAPPC	16F	80
JCTARMGR	156	156
JCTARMH	16F	10
JCTARMR	16F	40
JCTASRFD	284	
JCTATJDS	171	40
JCTBDTSS	176	40
JCTCANCL	172	10
JCTCANCO	173	40
JCTCANCP	172	8
JCTCANUR	173	20
JCTCIERR	142	
JCTCIPRE	171	20
JCTCNDB	180	
JCTCONVD	26C	
JCTCPTYP	AF	
JCTCTOKN	174	1
JCTDATON	2A8	
JCTDEL	173	80
JCTDJACT	16E	2
JCTDJAID	16D	40
JCTDJCHG	16C	4
JCTDJCIR	16D	80
JCTDJCNH	16C	20
JCTDJCOH	16C	40
JCTDJCRQ	16C	1
JCTDJED	174	40
JCTDJFL1	16C	
JCTDJFL2	16D	
JCTDJHLD	16C	8
JCTDJJOB	16C	80
JCTDJMA	174	10
JCTDJNET	156	
JCTDJNOT	174	80
JCTDJRQB	16C	2
JCTDSEL	171	2
JCTDSEUF	170	20
JCTDSIPL	173	8
JCTDSPAB	173	1
JCTDSPCN	170	8
JCTDSPOP	173	2
JCTDYNOT	175	40
JCTEXVAL	257	20

Table 340. Cross Reference for IATYJCT (continued)

Name	Offset	Hex Tag
JCTE70CQ	2B	
JCTFAIL	172	80
JCTFDTAT	E8	
JCTFEND	2B8	
JCTFEND0	244	
JCTFEND1	2B8	
JCTFIXL	22	
JCTFLA	257	
JCTFL1	16E	
JCTFL2	16F	
JCTFL3	170	
JCTFL4	171	
JCTFL5	172	
JCTFL6	173	
JCTFL7	174	
JCTFL8	175	
JCTFL9	176	
JCTFREEZ	172	40
JCTFSAID	CA	
JCTFSFLG	177	
JCTFSID	C8	
JCTFSIZE	2B8	
JCTFSIZ0	2B8	228
JCTFSIZ1	2B8	29C
JCTFSS	177	80
JCTFSSID	C8	
JCTFSSWK	176	20
JCTGDGBS	257	10
JCTGPORG	146	
JCTID	1C	
JCTIHOLD	16E	20
JCTIOHGH	170	2
JCTIOLOW	170	1
JCTIOMED	170	4
JCTISEND	264	
JCTISRF	16E	1
JCTITER	16E	40
JCTJBNAM	2C	
JCTJCLLB	173	4
JCTJCNV2	16F	20
JCTJDFDB	DC	
JCTJDSFD	104	
JCTJFAIL	175	1
JCTJMRFD	11C	
JCTJOB	26	
JCTJOBTK	176	1

Table 340. Cross Reference for IATYJCT (continued)

Name	Offset	Hex Tag
JCTJRNL	171	4
JCTJSCHD	274	
JCTLEVEL	165	
JCTLEV01	165	1
JCTLREGN	172	2
JCTLRL10	16F	1
JCTLVSET	174	4
JCTMAINS	C4	
JCTMAXB	B4	
JCTMAXC	BC	
JCTMAXCC	281	
JCTMAXL	B0	
JCTMAXP	B8	
JCTMAXRC	280	
JCTMGRSV	172	4
JCTMIG01	2B8	74
JCTMINLV	204	
JCTMSARV	268	
JCTMSPEC	200	0
JCTMSTSO	172	20
JCTMVTSZ	C0	
JCTMXAB	280	80
JCTMXABN	280	5
JCTMXCAB	280	6
JCTMXCAN	280	4
JCTMXCC	280	2
JCTMXCDE	280	40
JCTMXEOM	280	8
JCTMXIND	280	
JCTMXJCL	280	3
JCTMXNRM	280	1
JCTMXSEC	280	7
JCTMXUNK	280	0
JCTNCHNG	175	4
JCTNDOFF	16D	20
JCTNEWAV	176	8
JCTNJEDB	241	20
JCTNJEF1	241	0
JCTNJESF	241	40
JCTNJESN	176	10
JCTNJESO	241	80
JCTNJFLG	16B	
JCTNODE	94	
JCTNOJLG	171	1
JCTNOSES	AC	
JCTNOSPN	164	8

Table 340. Cross Reference for IATYJCT (continued)

Name	Offset	Hex Tag
JCTNOTFY	175	80
JCTNSRQJ	176	80
JCTNSTEP	AD	
JCTNTCAN	175	8
JCTOGRJP	170	80
JCTOJBNO	290	
JCTOPERD	270	
JCTOPHLD	16E	80
JCTORGQ	240	
JCTORG2	238	
JCTOSEFD	110	
JCTOUSID	34	
JCTPERFM	254	
JCTPFSAI	CE	
JCTPFSID	CC	
JCTPFSSI	CC	
JCTPOE	9C	
JCTPRNAM	171	10
JCTPROC	140	
JCTPRTY	AE	
JCTPURG	175	10
JCTPURGA	176	2
JCTPURGP	173	10
JCTREGFS	212	
JCTREGLG	215	
JCTRELH	15F	
JCTRELL	15E	
JCTRESU	166	
JCTRFA01	257	1
JCTRFA02	257	2
JCTRFA04	257	4
JCTRFA08	257	8
JCTRF202	16F	2
JCTRQJID	172	1
JCTRSCL2	242	
JCTRSRCD	278	
JCTRSVDD	D0	
JCTRSVDH	20E	0
JCTRSVDS	D4	
JCTRSVDU	D8	
JCTRSVD1	1FE	
JCTRSVD2	210	
JCTRSVD3	2AC	
JCTRSVD4	1EC	
JCTRSVH2	2A	
JCTRSVS1	1DE	0

Table 340. Cross Reference for IATYJCT (continued)

Name	Offset	Hex Tag
JCTRSVU2	218	
JCTSAPI	175	20
JCTSBOWN	174	2
JCTSCHCL	14E	
JCTSCHEN	244	
JCTSCHSP	208	0
JCTSCREF	16E	4
JCTSECBL	A4	
JCTSETUP	16E	8
JCTSLINE	164	10
JCTSPFLG	164	
JCTSPHLD	174	8
JCTSPIN	164	80
JCTSPNDX	1EA	
JCTSPNJN	16F	8
JCTSPNM	1E0	
JCTSPVLU	160	
JCTSRMTK	27C	
JCTSRVCL	258	
JCTSRVCM	170	10
JCTSRVUP	170	40
JCTSTART	1C	
JCTSTEPN	29C	
JCTSTIMD	164	20
JCTSTIMI	164	40
JCTSUDAO	171	80
JCTSUFDB	128	
JCTSUPRS	164	4
JCTSYMV2	16F	4
JCTSYSB	16A	1
JCTSYSJ	16A	4
JCTSYSR	16A	2
JCTSYSTM	16A	
JCTTHOLD	16E	10
JCTTIMON	2A4	
JCTTOD	17C	0
JCTTODA	234	
JCTTOKEN	44	
JCTTOTL	20	
JCTTRKG1	1E8	
JCTTRKG2	1E9	
JCTTUSID	3C	
JCTUPDTE	134	
JCTUSRJB	174	20
JCTVARL	24	
JCTVSREQ	171	8

Table 340. Cross Reference for IATYJCT (continued)

Name	Offset	Hex Tag
JCTVSR1	169	
JCTVS2SZ	C2	
JCTWARNI	BE	
JCTWCT	178	0
JCTWERR	175	2
JCTWLMTK	260	
JCTXASYM	3C	20
JCTXCBID	1C	D1C3E3E7
JCTXCHN	C	0
JCTXCNT	6	0
JCTXCVSY	3C	8
JCTXC7B0	21	40
JCTXDATA	1C	
JCTXEYE	8	D1C3E3E7
JCTXFLG1	21	
JCTXFRSV	3E	
JCTXF101	21	1
JCTXF102	21	2
JCTXF104	21	4
JCTXF108	21	8
JCTXF110	21	10
JCTXF120	21	20
JCTXF201	3C	1
JCTXF202	3C	2
JCTXINST	3C	4
JCTXJBNM	28	
JCTXJBNO	24	
JCTXJNOT	3C	80
JCTXJSMA	30	
JCTXJSMF	3C	
JCTXLEN	22	
JCTXMIT	176	4
JCTXNCHG	21	80
JCTXNENF	3C	40
JCTXNODE	294	
JCTXRSVD	48	
JCTXSIZE	48	104
JCTXSTPN	40	
JCTXSTRT	0	
JCTXSYMT	3C	10
JCTXSYSM	3D	
JCTXTOTL	48	120
JCTXTRK	0	0
JCTXVER	20	0
JCTXVER1	20	1
JCTXVLID	18	0

Table 340. Cross Reference for IATYJCT (continued)

Name	Offset	Hex Tag
SEACTIVE	0	40
SECOMP	0	80
SEDSPAB	0	1
SEDSPNO	3	
SEEND	4	
SEFLAGS	0	
SEFLAG1	1	
SEIEND	0	4
SEIPASS	0	2
SEISTART	0	8
SERESCH	0	20
SERESERV	0	10
SESEQNO	2	
SESIZE	4	
SESTART	0	

IATYJDA information

IATYJDA programming interface information

The following field is **NOT** programming interface information:

- JDABCNDB

IATYJDA heading information

Common name:	Job Data Accounting Block
Macro ID:	IATYJDA
DSECT name:	JDABSTRT, JDABNTRY
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	JDAB Offset: 8 Length: 4
Storage attributes:	Main Storage: JSAM Buffer Auxiliary Storage: JES3 Spool Key: Key 1 (JESKEY) Residency: Any
Size:	JDABFSIZ (size of fixed area) JDABVSIZ (size of variable area)
Created by:	IATGRCD, IATISCD
Pointed to by:	JCTJDFDB in IATYJCT JVWJDAB in IATYJVW RQJDBFDB in IATYRSQ
Serialization:	None
Function:	Define the job, its data sets, and associated processing parameters.

IATYJDA mapping

Table 341. Structure JDABSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JDABSTRT	
0	(0)	BITSTRING	6	JDABTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	JDABCNT	USER COUNT.
8	(8)	CHARACTER	4	JDABID	File id.
12	(C)	BITSTRING	12	JDABCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	JDABVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	JDABDATA(0)	START OF USER DATA AREA.
28	(1C)	BITSTRING	1	JDABVER	Version ID
28	(1C)	X'0'	0	JDABVER0	"0" Version 0 (pre-V2R3)
28	(1C)	X'1'	0	JDABVER1	"1" Version 1 (Starting with V2R3)
28	(1C)	X'1'	0	JDABCVER	"JDABVER1" Current version
29	(1D)	BITSTRING	1	JDABJFLG	FLAG
		1...		JDABJRST	"X'80'" JOB WAS JES3 RESTRTD ON MAIN
		.1..		JDABOASP	"X'40'" JOB ORIGIN IS ASP SYSTEM
		..1.		JDABT1MS	"X'20'" PRIM TRK GRPS ASSIGNED BY MSMS
		...1		JDABT2MS	"X'10'" 2NDRY TRK GRPS ASSIGNED BY MSMS
		.... 1...		JDABSPMS	"X'08'" SPART ASSIGNED BY MSMS
		.... .1..		JDABTJBT	"X'04'" TEMP TAT FDB FOR RDR CHKPT 2684
		.... ..1.		JDABSYMT	"X'02'" JOB IS ARM-RESTART, INITIAL 0038 SYMBOL TABLE AVAILABLE 0038
		1		JDABLSYM	"X'01'" Symbol table size 32K max
30	(1E)	SIGNED	2	JDABTOTL	- LENGTH OF ENTIRE JDAB - WITH ALL SES
32	(20)	BITSTRING	12	JDABJDS	- FDB OF JDS FOR THIS JOB
44	(2C)	BITSTRING	28	JDABRTAT	- FDB OF READER CHECKPOINT TAT
72	(48)	SIGNED	2	JDABFIXL	- LENGTH OF FIXED PORTION

```
    IATYCNDB DSECT=NO CONSOLE ORIGIN INFORMATION
                              FOR THIS JOB
IATYCNDB_1:;
```

76	(4C)	SIGNED	4	JDABCNDB(0)	IATYCNDB.27: based variable for storage mapping
76	(4C)	SIGNED	4		Four byte console id 0176
80	(50)	CHARACTER	4		IATYCNDB eyecatcher
84	(54)	ADDRESS	4		IATYCNDB version
88	(58)	BITSTRING	8		Reserved for development
96	(60)	BITSTRING	8		Console Name 0176
104	(68)	BITSTRING	24		Reserved for development
128	(80)	SIGNED	2		Reserved for development
130	(82)	BITSTRING	40		Reserved for development
172	(AC)	SIGNED	4	JDABJNUM	JOB NUMBER THIS JOB (CHAR)
176	(B0)	SIGNED	2	JDABSTMT	- LAST OUTPUT STMT NR THIS JOB
178	(B2)	SIGNED	2	JDABRSVH	- RESERVED FOR DEVELOPMENT
180	(B4)	CHARACTER	8	JDABJNAM	- JOB NAME THIS JOB

Table 341. Structure JDABSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
188	(BC)	CHARACTER	8	JDABJDVT	- JDVT NAME
196	(C4)	CHARACTER	8	JDABORG	- JOB ORIGIN THIS JOB
204	(CC)	CHARACTER	8	JDABACMN	- ACMAIN NAME FROM TSO
		NJE QUALIFIED NAMES OF USERS ASSOCIATED WITH THE JOB			
212	(D4)	CHARACTER	8	JDABSNOD	SUBMITTOR NODE NAME
220	(DC)	CHARACTER	8	JDABSUSR	SUBMITTOR USERID 0322
228	(E4)	CHARACTER	8	JDABONOD	JOB OWNER NODE NAME
236	(EC)	CHARACTER	8	JDABOUSR	JOB OWNER USERID
236	(EC)	X'EC'	0	JDABRACU	"JDABOUSR,8" (FOR COMPATABILITY PURPOSES)
244	(F4)	CHARACTER	8	JDABOGRP	JOB OWNER GROUP NAME
244	(F4)	X'F4'	0	JDABRACG	"JDABOGRP,8" (FOR COMPATABILITY PURPOSES)
252	(FC)	CHARACTER	8	JDABRNOD	REPORT TO NODE NAME
260	(104)	CHARACTER	8	JDABRUSR	REPORT TO USERID
268	(10C)	CHARACTER	8	JDABWTR	- SAVED JNAME USED TO RESTART FSS HOT WTRS AFTER HOT START
268	(10C)	X'10C'	0	JDABNSRV	"JDABWTR,8" SAVED NETSERV JOB ID
276	(114)	CHARACTER	8	JDABNTID	- DJC JOB-NET NET-ID
284	(11C)	CHARACTER	8	JDABMNAM	- MAIN NAME FOR THIS JOB
292	(124)	SIGNED	4	JDABMAIN	- MAIN INDEX FOR THIS JOB
296	(128)	SIGNED	4	JDABMAXC	- JOB CARDS ESTIMATE/ACTUAL
300	(12C)	SIGNED	4	JDABMAXL	- JOB LINES ESTIMATE/ACTUAL
304	(130)	SIGNED	4	JDABMAXB	- JOB BYTES ESTIMATE/ACTUAL
308	(134)	SIGNED	4	JDABMAXP	- JOB PAGES ESTIMATE/ACTUAL
312	(138)	BITSTRING	1	JDABOSFD	- FDB FOR OUTPUT SERVICE FRPS
		The following two fields contain OSE checkpoint information for external writer (PSO) applications. JDABBUFC (formerly named JDABBUFN) has been superseded by JDABBUF4, but it may contain a two-byte OSE sequence number for OSEs that were created on downlevel releases.			
324	(144)	BITSTRING	2	JDABBUFC	OSE buffer sequence number for XWTR applications
326	(146)	BITSTRING	2	JDABOFST	OSE OFFSET NBR FOR XWTR OSE
328	(148)	SIGNED	2	JDABJOBC	Compatible with JDABJOBS - see IATXJBNO macro
330	(14A)	SIGNED	2	JDABSPNX	- SPOOL PARTITION INDEX
332	(14C)	BITSTRING	1	JDABTKG1	- PRIMARY TRACK GROUPS
333	(14D)	BITSTRING	1	JDABTKG2	- 2NDARY TRACK GROUPS
334	(14E)	BITSTRING	1	JDABFLG1	- FLAGS
		DEFINITION OF JDABFLG1			
		1...		JDABFAIL	"X'80'" - JOB IS TO BE FAILED AFTER RICONTL
		.1..		JDABDEDL	"X'40'" - JOB IS DEADLINE SCHEDULED
		..1.		JDABMPOF	"X'20'" - JOB IS NOW OFF MAIN
		...1		JDABMPAC	"X'10'" - JOB IS NOW ACTIVE ON MAIN

Table 341. Structure JDABSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		JDABACMF	"X'08'" - ACMAIN SPECIFIED EXPLICITLY
		.... .1..		JDABCI	"X'04'" - JOB HAS C/I SE
		.... ..1.		JDABNORS	"X'02'" - JOB IS NOT RESTARTABLE ON MAIN
		1		JDABITER	"X'01'" - ITERATION FLAG FOR PRINT
335	(14F)	BITSTRING	1	JDABFLG2	- FLAGS
		DEFINITION OF JDABFLG2			
		1...		JDABINTW	"X'80'" - INTRDR wait flag
		.1..		JDABNSMF	"X'40'" DONT CREATE SMF RECORD
		..1.		JDABDJNS	"X'20'" - THIS IS A NON-STANDARD DJC JOB
		...1		JDABRNGC	"X'10'" RINGCHK = NO
		.... 1...		JDABR208	"X'08'" - Reserved flag
		.... .1..		JDABR204	"X'04'" - Reserved flag
		.... ..1.		JDABOTSO	"X'02'" - JOB ORIGINATED FROM TSO OR 0009 THE JOB THAT SUBMITTED THIS 0009 JOB VIA THE INTRDR HAS A 0009 USERID ASSOCIATED WITH IT 0009 (E.G. *MAIN USERID=) 0009
		1		JDABR201	"X'01'" - Reserved flag
336	(150)	BITSTRING	1	JDABFLG3	- FLAGS
		DEFINITION OF JDABFLG3			
		1...		JDABORJP	"X'80'" - INPUT FROM RJP TERMINAL
		.1..		JDABOIJP	"X'40'" - JOB ORIGIN IS IJP
		..1.		JDABNOXP	"X'20'" BYPASS EXPDT CHECK
		...1		JDABJRNL	"X'10'" JOB HAS JOURNAL DATA SET
		.... 1...		JDABVRFY	"X'08'" PASSWORD VERIFICATION NOT REQUIRED
		.... .1..		JDABENCP	"X'04'" PASSWORDS ARE ENCRYPTED
		.... ..1.		JDABSWLM	"X'02'" Job was selected by a managed initiator
		1		JDABNTSV	"X'01'" Job is a NETSERV
337	(151)	BITSTRING	1	JDABFLG4	- FLAGS
		DEFINITION OF JDABFLG4			
		1...		JDABCNCL	"X'80'" - FAILURE OPTION IS CANCEL
		.1..		JDABHOLD	"X'40'" - FAILURE OPTION IS HOLD
		..1.		JDABPRNT	"X'20'" - FAILURE OPTION IS PRINT THEN HOLD
		...1		JDABRSRT	"X'10'" - FAILURE OPTION IS RESTART
		.... 1...		JDABCKPT	"X'08'" - JOBSTEP OPTION IS CHECKPOINT
		.... .1..		JDABSCAN	"X'04'" - JOB CARD HAD TYPRUN=SCAN
		.... ..1.		JDABRBT2	"X'02'" - UNUSED
		1		JDABCDSP	"X'01'" - DSP CREATED BY CALLDSP
338	(152)	BITSTRING	1	JDABLIMF	LIMIT FLAGS

Table 341. Structure JDABSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF JDABLIMF			
		1...		JDABCANB	"X'80'" CANCEL JOB ON MAX BYTES
		.1..		JDABDMPB	"X'40'" CANCEL JOB WITH DUMP ON MAX BYTES
		..1.		JDABCANP	"X'20'" CANCEL JOB ON MAX PAGES
		...1		JDABDMPP	"X'10'" CANCEL JOB WITH DUMP ON MAX PAGES
		.... 1...		JDABCANC	"X'08'" - CANCEL JOB ON MAX CARDS
		.... .1..		JDABDMPC	"X'04'" - CANCEL JOB WITH DUMP ON MAX CARDS
		.... ..1.		JDABCANL	"X'02'" - CANCEL JOB ON MAX LINES
		1		JDABDMPL	"X'01'" - CANCEL JOB WITH DUMP ON MAX LINES
340	(154)	SIGNED	2	JDABRSV1	RESERVED FOR DEVELOPMENT
342	(156)	CHARACTER	2	JDABPMID	- PARM ID FOR C/I
344	(158)	ADDRESS	1	JDABSUBM	Submitting MPC sequence no 05212STC
345	(159)	BITSTRING	7	JDABFUSE	- AVAILABLE TO USER
352	(160)	CHARACTER	2	JDABPROC	- PRIVATE PROC FOR THIS JOB
354	(162)	CHARACTER	3	JDABPERF	- PERFORMANCE GROUP FROM JOBCD
357	(165)	BITSTRING	1	JDABRFLG	- RESTART FLAG
		DEFINITION OF JDABRFLG THIS BYTE CORRESPONDS TO DEFINITION OF BYTE SSJSFLG1 IN SSOB FOR JOB SELECT			
		1...		JDABRSR	"X'80'" - STEP RESTART
		.1..		JDABRCR	"X'40'" - CHECKPOINT RESTART
		..1.		JDABRCN	"X'20'" - CONTINUE RESTART
		...1		JDABRJQ	"X'10'" - PUT JOB IN HOLD
		.... 1...		JDABWARM	"X'08'" - WARMSTART JOB
358	(166)	CHARACTER	80	JDABJBCD	- // JOB CARD
438	(1B6)	BITSTRING	12	JDABJMR	- JOB'S JMR FDB
450	(1C2)	BITSTRING	12	JDABOSE	- OUTPUT SCHED ELEMENT FDB
462	(1CE)	CHARACTER	2	JDABRVD1	- RESERVED FOR DEVELOPMENT
		NOTIFY= on JOB JCL statement parameters: - JDABNTND = 1-8 character node name - JDABNTFY = 1-7 character user id -- For JDABVER1, blank if user id in JDABNTF8 is 8 characters. - JDABNTF8 = 1-8 character user id -- For JDABVER1, 8 character JDABNTF8 should be used instead of 7 character field JDABNTFY.			
464	(1D0)	CHARACTER	7	JDABNTFY	NOTIFY USER ID FROM JOB CARD
471	(1D7)	BITSTRING	1	JDABFLG5	FLAG5
		DEFINITIONS FOR JDABFLG5			
		1...		JDABDLJB	"X'80'" JOB IS A DEADLINE JOB
		.1..		JDABPNAM	"X'40'" Use PROCxx as proclib ddname (where xx = JDABPROC)
		..1.		JDABF520	"X'20'" Reserved for IBM
		...1		JDABF510	"X'10'" Reserved for IBM

Table 341. Structure JDABSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		JDABF508	"X'08'" Reserved for IBM
		.... .1..		JDABF504	"X'04'" Reserved for IBM
		.... ..1.		JDABF502	"X'02'" Reserved for IBM
		1		JDABF501	"X'01'" Reserved for IBM
472	(1D8)	SIGNED	2	JDABSTEP	- RESTART STEP NUMBER
476	(1DC)	SIGNED	4	JDABACTL	- ACTUAL LINES FOR RESTART
480	(1E0)	SIGNED	4	JDABACTC	- ACTUAL CARDS FOR RESTART
484	(1E4)	SIGNED	4	JDABACTB	- ACTUAL BYTES FOR RESTART
488	(1E8)	SIGNED	4	JDABACTP	- ACTUAL PAGES FOR RESTART
492	(1EC)	BITSTRING	9	JDABCPWD(0)	CURRENT LENGTH/PASSWORD
492	(1EC)	BITSTRING	1	JDABCPLN	CURRENT PASSWORD LENGTH
493	(1ED)	BITSTRING	8	JDABCPAS	CURRENT PASSWORD
501	(1F5)	BITSTRING	9	JDABNPWD(0)	NEW LENGTH/PASSWORD
501	(1F5)	BITSTRING	1	JDABNPLN	NEW PASSWORD LENGTH
502	(1F6)	BITSTRING	8	JDABNPAS	NEW PASSWORD
510	(1FE)	SIGNED	2	JDASRVD2	RESERVED FOR DEVELOPMENT
512	(200)	SIGNED	2	JDAWARNI	- WARNING INCRE PERCENTAGE CARDS, LINES, BYTES, PAGES
516	(204)	SIGNED	4	JDABRSS1	Reserved for IBM
520	(208)	SIGNED	4	JDABBUF4	Four-byte OSE sequence no. for PSO checkpoint - see comments for JDABBUFC and JDABOFST
524	(20C)	SIGNED	4	JDABJTOD	TIME LEVEL TIME STAMP 0229
528	(210)	SIGNED	4	JDABRSV2(4)	RESERVED FOR USER
544	(220)	CHARACTER	8	JDABORG2	- SECONDARY ORIGIN
552	(228)	CHARACTER	1	JDABORGQ	- ORIGIN QUALIFIER
553	(229)	BITSTRING	1	JDABNJE1	- NJE FLAG BYTE
SETTINGS FOR JDABNJE1					
		1...		JDBNJEHD	"X'80'" - 1) NJE JH AND JT EXIST 0462 2) JOB RECEIVED FROM NJE 0462 NODE, OR REROUTED 0462
		.1..		JDBNJEJB	"X'40'" - JOB IS NJE JOB STREAM 0462
		..1.		JDBNJEOP	"X'20'" - JOB IS NJE SYSOUT STREAM 0462
		...1		JDBNJESF	"X'10'" - JOB IS STORE & FORWARD JOB 0462
		.... 1...		JDBNJEPR	"X'08'" - NJE PRINT DATA SET PRESENT 0462
		.... .1..		JDBNJEPU	"X'04'" - NJE PUNCH DATA SET PRESENT 0462
		.... ..1.		JDBNJEWR	"X'02'" - IATOSNT ACTIVE FOR THIS JOB 0462
		1		JDBNJEMN	"X'01'" MAIN ORG SPECIFIED
554	(22A)	BITSTRING	1	JDABNJE2	NJE FLAG BYTE 2
DEFINITION OF JDABNJE2					

Table 341. Structure JDABSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		JDBNJEWS	"X'80'" IATNTSD SHOULD SIMULATE A D016 WRITER SELECT SAF CALL D016 (WRITER RESOURCE CLASS) TO D016 AUTHORIZE AND AUDIT USER D016 ACCESS TO THE DESTINATION D016 NODE, AND DESTINATION NODE D016 ACCESS TO THE JOB DATA SETS D016
		.1..		JDBNJEWA	"X'40'" IATNTSD SHOULD SIMULATE A D016 WRITER ACCESS SAF CALL D016 (JESSPOOL RESOURCE CLASS) D016 TO AUDIT USER ACCESS TO THE D016 JOB DATA SETS D016
		..1.		JDBNJEPE	"X'20'" PASSWORD(S) ARE ENCRYPTED D016
		...1		JDBNJENP	"X'10'" LOCAL SYSOUT DATA SET(S) D016 SHOULD NOT BE PROCESSED DUE D016 TO SECURITY PRODUCT DENIAL D016
		.... 1...		JDBNJERR	"X'08'" JOB WAS PROCESSED BY THE D016 NJEROUT DSP D016
		.... .1..		JDBNJDPR	"X'04'" NJE Default routing fields are valid for PRINT (NJHGPRTN and NJHGPRTR)
		.... ..1.		JDBNJDPU	"X'02'" NJE Default routing fields are valid for PUNCH (NJHGPUNN and NJHGPUNR)
		1		JDBN2R01	"X'01'" Reserved for Service
555	(22B)	BITSTRING	1	JDABRSV3	- RESERVED FOR DEVELOPMENT 0509
556	(22C)	SIGNED	4	JDABWSEQ	WLM initiator sequence number
560	(230)	SIGNED	4	JDABJOBS	Job number for scheduled OSE
564	(234)	CHARACTER	8	JDABNTND	NOTIFY= NODE NAME 0002
572	(23C)	SIGNED	4	JDABEND0(0)	- End version 0 fixed area
572	(23C)	X'23C'	0	JDABFSZ0	"*-JDABSTRT" Version 0 fixed area size

```
NOTIFY= on JOB JCL statement parameters:
- JDABNTND = 1-8 character node name
- JDABNTFY = 1-7 character user id (pre-V2R3)
  -- For JDABVER1, blank if user id in JDABNTF8
     is 8 characters.
- JDABNTF8 = 1-8 character user id
  -- For JDABVER1, 8 character JDABNTF8 should be used
     instead of 7 character field JDABNTFY.
```

572	(23C)	CHARACTER	8	JDABNTF8	NOTIFY= 1-8 character user id
580	(244)	SIGNED	4	JDABRSV4(7)	Reserved for IBM
608	(260)	SIGNED	4	JDABFEND(0)	- MARKS END OF FIXED AREA
608	(260)	X'260'	0	JDABFSZ1	"*-JDABSTRT" Version 1 fixed area size
608	(260)	BITSTRING	1	JDABFSIZ(0)	SIZE OF FIXED AREA = L'JDABFSIZ

Table 342. Structure JDABNTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JDABNTRY	
0	(0)	BITSTRING	12	JDABPFDB	- PARAMETER FDB OR INDEX TO PARMS IN JDAB
12	(C)	SIGNED	2		- ALIGN TO FULLWORD
14	(E)	BITSTRING	1	JDABSENO	- SCHEDULER ELEMENT NUMBER THIS SE
15	(F)	BITSTRING	1	JDABDSPN	- DSP NUMBER THIS SE

Table 342. Structure JDABNTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
16	(10)	BITSTRING	3	JDABTON	- TIME ON THIS SE
19	(13)	BITSTRING	3	JDABTOF	- TIME OFF THIS SE
22	(16)	SIGNED	2	JDABVARL	- LENGTH OF THIS JDAB ENTRY
24	(18)	SIGNED	4	JDABCDIN	- NUMBER OF CARDS READ
28	(1C)	SIGNED	4	JDABPRNL	- NUMBER OF LINES PRINTED
32	(20)	SIGNED	4	JDABPRNB	- NUMBER OF BYTES PRINTED
36	(24)	SIGNED	4	JDABPRNP	- NUMBER OF PAGES PRINTED
40	(28)	SIGNED	2	JDABPUNC	- NUMBER OF CARDS PUNCHED
42	(2A)	BITSTRING	1	JDABSEF1	- FLAGS
		DEFINITION OF JDABSEF1			
		1...		JDABRDAC	"X'80'" - THIS IS AN ACTIVE READER
		.1..		JDABSEPR	"X'40'" - THIS SE RESULT OF / PROCESS
43	(2B)	BITSTRING	1	JDABSEF2	- FLAGS
		DEFINITION OF JDABSEF2			
44	(2C)	SIGNED	4	JDABACCT	- *** RESERVED FOR ACCOUNTING INFO
48	(30)	SIGNED	4	JDABVJES	- *** RESERVED FOR JES3
52	(34)	SIGNED	4	JDABVUSE	- *** AVAILABLE TO USER
56	(38)	SIGNED	4	JDABVEND(0)	- END OF VARIABLE AREA
56	(38)	BITSTRING	1	JDABVSIZ(0)	SIZE, VARIABLE AREA = L'JDABVSIZ

Table 343. Cross Reference for IATYJDA

Name	Offset	Hex Tag
JDABACCT	2C	
JDABACMF	14E	8
JDABACMN	CC	
JDABACTB	1E4	
JDABACTC	1E0	
JDABACTL	1DC	
JDABACTP	1E8	
JDABBUFC	144	
JDABBUF4	208	
JDABCANB	152	80
JDABCANC	152	8
JDABCANL	152	2
JDABCANP	152	20
JDABCDIN	18	
JDABCDSP	151	1
JDABCHN	C	0
JDABCI	14E	4
JDABCKPT	151	8
JDABCNCL	151	80
JDABCNDB	4C	
JDABCNT	6	0

Table 343. Cross Reference for IATYJDA (continued)

Name	Offset	Hex Tag
JDABCPAS	1ED	
JDABCPLN	1EC	
JDABCPWD	1EC	
JDABCVER	1C	1
JDABDATA	1C	
JDABDEDL	14E	40
JDABDJNS	14F	20
JDABDLJB	1D7	80
JDABDMPB	152	40
JDABDMPC	152	4
JDABDMPL	152	1
JDABDMPP	152	10
JDABDSPN	F	
JDABENCP	150	4
JDABEND0	23C	
JDABFAIL	14E	80
JDABFEND	260	
JDABFIXL	48	
JDABFLG1	14E	
JDABFLG2	14F	
JDABFLG3	150	
JDABFLG4	151	
JDABFLG5	1D7	
JDABFSIZ	260	
JDABFSZ0	23C	23C
JDABFSZ1	260	260
JDABFUSE	159	
JDABF501	1D7	1
JDABF502	1D7	2
JDABF504	1D7	4
JDABF508	1D7	8
JDABF510	1D7	10
JDABF520	1D7	20
JDABHOLD	151	40
JDABID	8	D1C4C1C2
JDABINTW	14F	80
JDABITER	14E	1
JDABJBCD	166	
JDABJDS	20	
JDABJDVT	BC	
JDABJFLG	1D	
JDABJMR	1B6	
JDABJNAM	B4	
JDABJNUM	AC	
JDABJOBC	148	
JDABJOBS	230	

Table 343. Cross Reference for IATYJDA (continued)

Name	Offset	Hex Tag
JDABJRNL	150	10
JDABJRST	1D	80
JDABJTOD	20C	
JDABLIMF	152	
JDABLSYM	1D	1
JDABMAIN	124	
JDABMAXB	130	
JDABMAXC	128	
JDABMAXL	12C	
JDABMAXP	134	
JDABMNAM	11C	
JDABMPAC	14E	10
JDABMPOF	14E	20
JDABNJE1	229	
JDABNJE2	22A	
JDABNORS	14E	2
JDABNOXP	150	20
JDABNPAS	1F6	
JDABNPLN	1F5	
JDABNPWD	1F5	
JDABNSMF	14F	40
JDABNSRV	10C	10C
JDABNTFY	1D0	
JDABNTF8	23C	
JDABNTID	114	
JDABNTND	234	
JDABNTRY	0	
JDABNTSV	150	1
JDABOASP	1D	40
JDABOFST	146	
JDABOGRP	F4	
JDABOIJP	150	40
JDABONOD	E4	
JDABORG	C4	
JDABORGQ	228	
JDABORG2	220	
JDABORJP	150	80
JDABOSE	1C2	
JDABOSFD	138	
JDABOTSO	14F	2
JDABOUSR	EC	
JDABPERF	162	
JDABPFDB	0	
JDABPMID	156	
JDABPNAM	1D7	40
JDABPRNB	20	

Table 343. Cross Reference for IATYJDA (continued)

Name	Offset	Hex Tag
JDABPRNL	1C	
JDABPRNP	24	
JDABPRNT	151	20
JDABPROC	160	
JDABPUNC	28	
JDABRACG	F4	F4
JDABRACU	EC	EC
JDABRBT2	151	2
JDABRCN	165	20
JDABRCR	165	40
JDABRDAC	2A	80
JDABRFLG	165	
JDABRJQ	165	10
JDABRNGC	14F	10
JDABRNOD	FC	
JDABRSR	165	80
JDABRSRT	151	10
JDABRSS1	204	
JDABRSVH	B2	
JDABRSV1	154	
JDABRSV2	210	
JDABRSV3	22B	
JDABRSV4	244	
JDABRTAT	2C	
JDABRUSR	104	
JDABRVD1	1CE	
JDABR201	14F	1
JDABR204	14F	4
JDABR208	14F	8
JDABSCAN	151	4
JDABSEF1	2A	
JDABSEF2	2B	
JDABSENO	E	
JDABSEPR	2A	40
JDABSNOD	D4	
JDABSPMS	1D	8
JDABSPNX	14A	
JDABSTEP	1D8	
JDABSTMT	B0	
JDABSTRT	0	
JDABSUBM	158	
JDABSUSR	DC	
JDABSWLM	150	2
JDABSYMT	1D	2
JDABTJBT	1D	4
JDABTKG1	14C	

Table 343. Cross Reference for IATYJDA (continued)

Name	Offset	Hex Tag
JDABTKG2	14D	
JDABTOF	13	
JDABTON	10	
JDABTOTL	1E	
JDABTRK	0	0
JDABT1MS	1D	20
JDABT2MS	1D	10
JDABVARL	16	
JDABVEND	38	
JDABVER	1C	
JDABVER0	1C	0
JDABVER1	1C	1
JDABVJES	30	
JDABVLID	18	0
JDABVRFY	150	8
JDABVSIZ	38	
JDABVUSE	34	
JDABWARM	165	8
JDABWSEQ	22C	
JDABWTR	10C	
JDASRVD2	1FE	
JDAWARNI	200	
JDBNJDPR	22A	4
JDBNJDPU	22A	2
JDBNJEHD	229	80
JDBNJEJB	229	40
JDBNJEMN	229	1
JDBNJENP	22A	10
JDBNJEOP	229	20
JDBNJEPE	22A	20
JDBNJEPR	229	8
JDBNJEPU	229	4
JDBNJERR	22A	8
JDBNJESF	229	10
JDBNJEWA	22A	40
JDBNJEWR	229	2
JDBNJEWS	22A	80
JDBN2R01	22A	1

IATYJDE information

IATYJDE heading information

Common name: JES3 DIRECTORY ELEMENT

Macro ID: IATYJDE

DSECT name: JDESTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Subpool: Subpool 251
Key: JES Key
Residency: Any

Size: JDESIZE Bytes

Created by: IATGRLD

Pointed to by: TVTJDEQ IN IATYTVT
JDENEXT IN IATYJDE

Serialization: Bit JDELOCK of flag byte JDEFLAG

Function: This data area contains the JES3 directory element.
Operation: JDEs are created out of a block of storage allocated for this purpose. A JDE is defined when the JDENAME field contains a module name. If this field is zero, this JDE entry is available. If this field is 'FF', it indicates the end of the JDE storage block. In this case, the JDEADDR field is the JDE block chain pointer to the next storage block of JDEs. If there are no additional JDE blocks, the JDEADDR field if zero. If the JDENAME field contains a valid module name, and the JDEADDR and JDEBUFAD fields are zero, there is no module loaded for this JDE. The last JDE entry of a 4K block is not usable. It is the linkage to the next JDE block (if any).

IATYJDE mapping

Table 344. Structure JDESTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JDESTART	
0	(0)	CHARACTER	8	JDENAME	FULL EIGHT CHAR MODULE NAME
		Definition of JDEFLAG.			
8	(8)	BITSTRING	1	JDEFLAG	FLAG BYTE
		1...		JDERFRSH	"X'80'" REFRESH ON NEXT ALOAD
		.1..		JDEREQNU	"X'40'" CALLER WAITING FOR A NEW MODULE
		..1.		JDENEED0	"X'20'" CALLER NEEDS ZERO USE COUNT
		...1		JDENFREQ	"X'10'" NOT FREQUENTLY USED FLAG DELETE MODULE IF ON REGARDLESS OF THRESHOLD VALUE
		.... 1...		JDELOCK	"X'08'" LOCK TO SERIALIZE THE USE OF JDE
		.... .1..		JDEREUSE	"X'04'" ELEMENT IS REUSEABLE
		.... ..1.		JDECSECT	"X'02'" ELEMENT IS A DATA CSECT
		1		JDENDEL	"X'01'" MODULE NOT DELETABLE
		Definition of JDEFLAG2.			
9	(9)	BITSTRING	1	JDEFLAG2	FLAG BYTE2
		1...		JDERMODE	"X'80'" RMODE OF MODULE 0 - RMODE = 24 1 - RMODE = ANY
		.1..		JDEBLDL	"X'40'" BLDL SUBTASK CALLED
		..1.		JDELOAD	"X'20'" LOAD SUBTASK CALLED
		...1		JDEAMODE	"X'10'" AMODE OF MODULE 0 - AMODE = 24 1 - AMODE = 31

Table 344. Structure JDESTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		JDERETRY	"X'08'" RETRY INDICATOR FOR IATGRLD
		.... .1..		JDECLINP	"X'04'" JDE CLEANUP IS IN PROGRESS (LEFT ON IF CLEANUP ABENDS)
		.... ..1.		JDEREFCM	"X'02'" A *F,X,M=modname,REFRESH command is pending. Delete the module and reset the load count when the module is no longer being used.
		1		JDENUCRF	"X'01'" This JDE represents a JES3 Nuc module that was refreshed via a *F,X,M=modname,REFRESH command
	Module information from IATYMOD.				
10	(A)	BITSTRING	1	JDELEN1(0)	BEGINNING OF MODULE INFO
10	(A)	CHARACTER	8	JDEREL	RELEASE LEVEL 0341
18	(12)	CHARACTER	6	JDEDATE(0)	Date the module assembled
18	(12)	CHARACTER	2	JDEMONTH	Month
20	(14)	CHARACTER	2	JDEDAY	Day
22	(16)	CHARACTER	2	JDEYEAR	Year
24	(18)	CHARACTER	4	JDETIME(0)	Time the module assembled
24	(18)	CHARACTER	2	JDEHOUR	HR - TIME MOD ASSEMBLED
26	(1A)	CHARACTER	2	JDEMIN	MINUTES - " "
28	(1C)	CHARACTER	7	JDEAPAR	MOST RECENT APAR APPLIED
35	(23)	CHARACTER	7	JDEPTF	MOST RECENT PTF APPLIED
42	(2A)	BITSTRING	1	JDELEN2(0)	END OF MODULE INFO
42	(2A)	BITSTRING	0	JDELENTH(0)	LENGTH OF MODULE INFO
42	(2A)	SIGNED	2	JDERSVD1	RESERVED FOR DEVELOPMENT 0341
44	(2C)	SIGNED	4	JDEADDR	MODULE ORIGIN
48	(30)	SIGNED	4	JDETOD	TOD MODULE OS LOADED
52	(34)	SIGNED	2	JDEUSE	MODULE USE COUNT
54	(36)	SIGNED	2	JDEALDS	TOTAL ALOADS
56	(38)	SIGNED	4	JDEBUFAD	BUFFER ADDR OF MODULE LOCATION
60	(3C)	SIGNED	4	JDEMSIZE	MODULE SIZE IN BYTES
64	(40)	SIGNED	4	JDEFCTP	POINTER TO OWNING FCT
68	(44)	SIGNED	4	JDELRQTM	LAST LOAD REQUEST TOD - TO DETERMINE FREQULENCY OF USE
72	(48)	SIGNED	4	JDELDBLD	ADDR OF LOAD AND BLDL AREA
76	(4C)	SIGNED	2	JDERES	RESIDENT THRESHOLD
78	(4E)	SIGNED	2	JDERSVDV	RESERVED FOR DEVELOPMENT 0341
80	(50)	SIGNED	4	JDERSVSV(2)	RESERVED FOR SERVICE
88	(58)	SIGNED	4	JDERSVUA	RESERVED FOR USER
92	(5C)	SIGNED	4	JDENEXT	NEXT JDE ON HASH QUEUE
96	(60)	ADDRESS	4	JDEPRVEP	Previous entry point of module before it was deleted
100	(64)	SIGNED	4	JDEEND(0)	
100	(64)	BITSTRING	1	JDESIZE(0)	

Table 345. Cross Reference for IATYJDE

Name	Offset	Hex Tag
JDEADDR	2C	0

Table 345. Cross Reference for IATYJDE (continued)

Name	Offset	Hex Tag
JDEALDS	36	0
JDEAMODE	9	10
JDEAPAR	1C	40404040
JDEBLDL	9	40
JDEBUFAD	38	0
JDECLINP	9	4
JDECSECT	8	2
JDEDATE	12	
JDEDAY	14	4040
JDEEND	64	
JDEFCTP	40	0
JDEFLAG	8	0
JDEFLAG2	9	0
JDEHOUR	18	4040
JDELDBLD	48	0
JDELENTH	2A	
JDELEN1	A	
JDELEN2	2A	
JDELOAD	9	20
JDELOCK	8	8
JDELRQTM	44	0
JDEMIN	1A	4040
JDEMONTH	12	4040
JDEMSIZE	3C	0
JDENAME	0	40404040
JDENDEL	8	1
JDENEED0	8	20
JDENEXT	5C	0
JDENFREQ	8	10
JDENUCRF	9	1
JDEPRVEP	60	
JDEPTF	23	40404040
JDEREFCM	9	2
JDEREL	A	40404040
JDEREQNU	8	40
JDERES	4C	0
JDERETRY	9	8
JDEREUSE	8	4
JDERFRSH	8	80
JDERMODE	9	80
JDERSVDV	4E	0
JDERSVD1	2A	0
JDERSVSV	50	0
JDERSVUA	58	0
JDESIZE	64	
JDESTART	0	

Table 345. Cross Reference for IATYJDE (continued)

Name	Offset	Hex Tag
JDETIME	18	
JDETOD	30	0
JDEUSE	34	0
JDEYEAR	16	4040

IATYJDS information

IATYJDS programming interface information

IATYJDS is a programming interface.

IATYJDS heading information

Common name: Job Data Set Control Block

Macro ID: IATYJDS

DSECT name: JDSSTART, JDSENTRY

Owning component: JES3 (SC1BA)

Eye-catcher ID: JDS (for JDSSTART), NONE (for JDSENTRY)
Offset: JDSID
Length: 4

Storage attributes: Auxiliary Storage: SPOOL
Subpool: 229 (JSAM Buffer Pool)
Key: 1 (JESKEY)
Residency: ANY

Size: See Assembler Listing

Created by: IATISDV,
IATOSDR

Pointed to by: JDABJDS in IATYJDA,
JIBJDSPT in IATYJIB,
JCTJDSFD (FDB) in IATYJCT,

Serialization: JDSHOLD

Function: Contains FDB's for all data sets associated with the job

IATYJDS mapping

Table 346. Structure JDSSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JDSSTART	
0	(0)	BITSTRING	6	JDSTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	JDSCNT	USER COUNT.
8	(8)	CHARACTER	4	JDSID	File id.
12	(C)	BITSTRING	12	JDSCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	JDSVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	JDSDATA(0)	START OF USER DATA AREA.
28	(1C)	SIGNED	2	JDSTOTL	- LENGTH ENTIRE JDS - WITH ALL ENTRIES
30	(1E)	SIGNED	2	JDSFIXL	- LENGTH OF FIXED PORTION
32	(20)	BITSTRING	12	JDSWKFDB	WORK FDB
44	(2C)	SIGNED	2	JDSHLDNO	- COUNT OF HELD ENTRIES
48	(30)	SIGNED	4	JDSFDBA	This buffer's FDB pointer

Table 346. Structure JDSSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
52	(34)	BITSTRING	1	JDSHFLG	JDS HEADER FLAG
DEFINITION OF JDSHFLG					
		1...		JDSALL0	"X'80'" ALL ENTRIES ZEROED OUT
		.1..		JDSDJOVR	"X'40'" BUFFER CREATED AS A RESULT OF OVERFLOW DURING DUMP JOB JDS TRANSLATION PROCESSING
53	(35)	BITSTRING	1	JDSRSVD6	RESERVED FOR DEVELOPMENT
54	(36)	SIGNED	2	JDSRSVD1	RESERVED FOR DEVELOPMENT
56	(38)	SIGNED	4	JDSRSVD5	RESERVED FOR DEVELOPMENT
60	(3C)	SIGNED	4	JDSRSVS1	RESERVED FOR SERVICE
64	(40)	SIGNED	4	JDSCOUNT	NUMBER OF JDS ENTRIES
68	(44)	SIGNED	4	JDSFEND(0)	- MARKS END OF FIXED PART JDS
68	(44)	BITSTRING	1	JDSFSIZE(0)	SIZE OF FIXED AREA = L'JDSFSIZE

Table 347. Structure JDSENTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JDSENTRY	
0	(0)	BITSTRING	1	JDSFDB	MULT. FILE FDB THIS ENTRY
0	(0)	X'0'	0	JDSOTFDB	"JDSFDB" CONTAINS THE MULTI-FILE FDB FOR A SWB FOR A OUTPUT ST.
32	(20)	SIGNED	2	JDSVARL	LENGTH OF THIS JDS ENTRY
34	(22)	SIGNED	2	JDSOSENO	ACTIVE OSE COUNT
36	(24)	SIGNED	4	JDSLINES(0)	OUTPUT DATA SET LINE COUNT
36	(24)	SIGNED	4	JDSINCNT	NO OF CARDS THIS DATA SET
40	(28)	SIGNED	4	JDSPAGES	OUTPUT DATA SET PAGE COUNT
44	(2C)	SIGNED	4	JDSRECDS	Dataset Record Count
48	(30)	BITSTRING	28	JDSTATFD	TAT FDB if exists
76	(4C)	BITSTRING	32	JDSDOFDB	FDB for DOI/SWB MRF
108	(6C)	BITSTRING	1	JDSTOKEN	Security token
The fully qualified data set name is split, decompressed and placed into five 8 byte fields.					
188	(BC)	CHARACTER	40	JDSDSNM(0)	Split data set name
188	(BC)	CHARACTER	8	JDSUSRID	USER ID
196	(C4)	CHARACTER	8	JDSJOBNM	Job name (Also used to hold main processor name during SYSLOG browse processing)
204	(CC)	CHARACTER	8	JDSJOBID	JOB ID
212	(D4)	CHARACTER	8	JDSDSNUM	DATA SET NUMBER
220	(DC)	CHARACTER	8	JDSDSNAM	DSNAME IN DATA SET NAME
228	(E4)	SIGNED	4	JDSRECS	NUM OF SPOOL RECS PURGED
232	(E8)	SIGNED	2	JDSSPNDX	SPOOL PARTITION INDEX
234	(EA)	BITSTRING	1	JDSDSPH	DSP NUMBER HOLDING ENTRY
235	(EB)	BITSTRING	1	JDSMPSEQ	Main this job must run on (specified when the INTRDR dataset was allocated)
236	(EC)	BITSTRING	1	JDSDSHNO	JDS dataset header index

Table 347. Structure JDSENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
237	(ED)	ADDRESS	1	JDSTSOMP	MP sequence number for job originating from TSO (INTRDR JDS entries only)
238	(EE)	SIGNED	2	JDSMAXRL	MAXIMUM INPUT RECORD LENGTH
240	(F0)	BITSTRING	1	JDSFLG	- FLAGS
		DEFINITION OF JDSFLG RESERVED FOR MAIN SERVICE			
		1...		JDSOPEN	"X'80'" - 1= DATA SET OPENED, 0= CLOSED
		.1..		JDSREAD	"X'40'" - 1= DATA SET OPENED FOR READ
		..1.		JDSWRITE	"X'20'" - 1= DATA SET OPENED FOR WRITE
		...1		JDSOLD	"X'10'" - DATA SET WAS IN JDS AT ENTRY TO MSER
		.... 1...		JDSIJDEL	"X'08'" IJP IS DELETING THIS JDS
		.... ..1.		JDSHDR	"X'02'" - HDR REQD IF BIT=1
241	(F1)	BITSTRING	1	JDSFLG2	- FLAGS
		DEFINITION OF JDSFLG2			
		1...		JDSDJBNO	"X'80'" JDSCJBNO field is valid (compatible job number)
		.1..		JDSNDVRY	"X'40'" VERIFY SYSOUT ON RESTART
		..1.		JDSDUSID	"X'20'" JDSPROCN = MVS/TSO USRID
		...1		JDSINT	"X'10'" INTERPRET PUNCH CARDS.
		.... 1...		JDSPINOF	"X'08'" - THIS IS A SPINOFF DS.
		.... .1..		JDSMNCMP	"X'04'" DATA SET COMPLETE ON MAIN
		.... ..1.		JDSISDON	"X'02'" - ISDRVR PROCESS COMPLETE
		1		JDSYSIN	"X'01'" - THIS IS A SYSIN DATA SET
242	(F2)	BITSTRING	1	JDSCTYPE	SYSOUT CLASS TYPE
		DEFINITION OF JDSCTYPE, CORRESPONDS TO SCTTYPE			
		1...		JDSPRINT	"X'80'" - DATA SET IS TO BE PRINTED
		.1..		JDSPUNCH	"X'40'" - DATA SET IS TO BE PUNCHED
		..1.		JDSOTPUT	"X'20'" THIS IS JDS OUTPUT TYPE ENTRY
		...1		JDSTAT	"X'10'" - THIS JDS ENTRY CONTAINS OWN TAT
		.... 1...		JDSUSER1	"X'08'" - USER DEFINITION ONE
		.... .1..		JDSUSER2	"X'04'" - USER DEFINITION TWO
		.... ..1.		JDSRSVD	"X'02'" - RESERVED SYSOUT CLASS
		1		JDSHLD	"X'01'" HOLD FOR SYSTEM OUTPUT
		....		JDSTSO	"X'00'" ASP CODE
243	(F3)	BITSTRING	1	JDSCTRSV	RESERVED SYSOUT CLASS TYPE
		DEFINITION OF JDSCTRSV, CORRESPONDS TO SCTRSVT			
		1...		JDSTSOVS	"X'80'" MVS TSO DATA SET
		.1..		JDSRSVDW	"X'40'" RESERVED WRITER DATA SET
		..1.		JDSEXTWT	"X'20'" EXTERNAL WRITER DATA SET
		...1		JDSRTF10	"X'10'" Reserved for IBM

Table 347. Structure JDSENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		JDSOUTDN	"X'08'" OUTDISP normal disposition is HOLD/LEAVE
		.... .1..		JDSOUTDA	"X'04'" OUTDISP abnormal disposition is HOLD/LEAVE
244	(F4)	BITSTRING	1	JDSFLG4	- FLAGS
		DEFINITION OF JDSFLG4			
244	(F4)	X'80'	0	JDSPRFRP	"JDSPRINT" - PRINT FRP EXISTS
244	(F4)	X'40'	0	JDSPNFRP	"JDSPUNCH" - PUNCH FRP EXISTS
244	(F4)	X'0'	0	JDSTSOFR	"JDSTSO" ASP CODE
		..1.		JDSCLSAF	"X'20'" A SAF CREATE CALL WAS MADE
		...1		JDSNJOVF	"X'10'" NJE OVERFLOW OFF
		1		JDSHOLDJ	"X'01'" Hold this job (specified on the INTRDR dataset allocation)
		.... ..1.		JDSLRECV	"X'02'" JDS LRECL FIELD IS VALID
		.... .1..		JDSISDS	"X'04'" INPUT STREAM DATA SET $$$$ CREATED BY / DATASET $$$$
		.... 1...		JDSINTVL	"X'08'" NJE PUN INTPRT=NO SPECIFIED
245	(F5)	BITSTRING	1	JDSFLG5	- FLAG BYTE
		DEFINITION OF JDSFLG5			
245	(F5)	X'80'	0	JDSPROSE	"JDSPRINT" - Print OSE built (x'80')
245	(F5)	X'40'	0	JDSPNOSE	"JDSPUNCH" - Punch OSE built (x'40')
		..1.		JDSOTOSE	"X'20'" OSE BUILT USING OUTPUT STATEMENTS
		...1		JDSOMOHQ	"X'10'" THIS ENTRY MOVED FROM THE HOLD Q TO THE WRITER Q.
		.... 1...		JDSUSAM	"X'08'" USAM DATA SET
		.... .1..		JDSPOSED	"X'04'" Spinoff OSEs are done (built) for this entry
245	(F5)	X'1'	0	JDSHLOSE	"JDSHLD" HOLD TYPE OSE (x'01')
245	(F5)	X'0'	0	JDSTSOSE	"JDSTSO" ASP CODE (x'00')
246	(F6)	BITSTRING	1	JDSRECFM	RECORD FORMAT OF DATA SET
		DEFINITION OF JDSRECFM			
		1...		JDSCPDS	"X'80'" COMPOSED PAGE DATA STREAM CC
		.1..		JDSRFASA	"X'40'" ASA CARRIAGE CONTROLS
		..1.		JDSRFMCH	"X'20'" MACHINE CARRIAGE CONTROLS
		...1		JDSRFVAR	"X'10'" VARIABLE FORMAT
		.... 1...		JDSRFFIX	"X'08'" Fixed record format 05415SUA
247	(F7)	BITSTRING	1	JDSFLG9	NJE FLAG BYTE
		DEFINITION OF JDSFLG9			
		1...		JDSJH	"X'80'" NJE JOB HEADER
		.1..		JDSDH	"X'40'" NJE DATASET HEADER
		..1.		JDSJT	"X'20'" NJE JOB TRAILER
		...1		JDSDSHB	"X'10'" DATASET HEADER EXISTS FOR THE SYSOUT DATASET

Table 347. Structure JDSENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		JDSTXDS	"X'08'" SYSOUT TARGETED FOR THIS NODE
		.... .1..		JDSSYSD	"X'04'" LET JES3 FIGURE OUT THE CORRECT DESTINATION FOR THIS DATA SET
		.... ..1.		JDSBTRNC	"X'02'" This data set's records have been blank truncated.
		1		JDSSPDXY	"X'01'" Spool partition index specified from user address space (Netserv)
248	(F8)	SIGNED	2	JDSSEQNO	JDS BDT SEQUENCE NUMBER 0507
250	(FA)	BITSTRING	1	JDSFLG10	FLAG BYTE 0507
		DEFINITION OF JDSFLG10 0			
		1...		JDSSECFL	"X'80'" DATASET SHOULD NOT BE 0507 PRINTED DUE TO AUTH FAILURE 0507
		.1..		JDSDIRCT	"X'40'" THIS SYSOUT ENTRY HAS 0259 DIRECT REFERENCES TO AT 0259 LEAST ONE DYNAMIC OUTPUT 0259 DESCRIPTOR 0259
		..1.		JDSWTRN	"X'20'" JDSWTRNM is a writer name 0008 (if off, JDSWTRNM is a 0008 second-level destination) 0008
		...1		JDSCTKN	"X'10'" Allocation CTOKEN was assigned for this data set
		.... 1...		JDSNTERQ	"X'08'" Non-TSO ENDREQ (INTRDR)
		.... .1..		JDSUSID8	"X'04'" JDSPROCN has 8-char userid
		.... ..1.		JDSN7556	"X'02'" ENDREQ w/o OA07556 support
		1		JDSG7556	"X'01'" OA07556 active in IATDMJA
251	(FB)	BITSTRING	1	JDSFLG11	FLAG BYTE
		DEFINITION OF JDSFLG11			
		1...		JDSMDWTR	"X'80'" WRITER MODIFIED ON MODIFY COMMAND
		.1..		JDSMDDST	"X'40'" DEST MODIFIED ON MODIFY COMMAND
		..1.		JDSMDFRM	"X'20'" FORMS MODIFIED ON MODIFY COMMAND
		...1		JDSMDPRY	"X'10'" PRIORITY MODIFIED ON MODIFY COMMAND
		.... 1...		JDSMDCPY	"X'08'" COPY COUNT MODIFIED ON MODIFY COMMAND
		.... .1..		JDSMD2DT	"X'04'" 2NDARY DEST MODIFIED ON MODIFY COMMAND
		.... ..1.		JDSMDFCB	"X'02'" FCB modified on modify cmd
		1		JDSMDUCS	"X'01'" UCS modified on modify cmd
252	(FC)	BITSTRING	1	JDSFLG12	Flag byte
		Definition of JDSFLG12			
		1...		JDSMDCHR	"X'80'" CHARS modified on modify cmd
		.1..		JDSMDFLS	"X'40'" CLASH modified on modify cmd
		..1.		JDSMDCPM	"X'20'" COPYM modified on modify cmd
		...1		JDSMDMDE	"X'10'" PRMOD modified on modify cmd

Table 347. Structure JDSENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		JDSMDOTB	"X'08'" OTBN modified on modify cmd
		.... .1..		JDSJSABJ	"X'04'" Jobname came from JSAB
		.... ..1.		JDSCASPN	"X'02'" Currently active JESMSGLG or JESYSMSG spinoff ds
		1		JDSJSDS	"X'01'" JES3 dataset (JESDS) has OSE created via OUTPUT JCL
253	(FD)	BITSTRING	1	JDSFLG13	Flag Byte
		Definition of JDSFLG13			
		1...		JDSINTER	"X'80'" Internal data set
		.1..		JDSJESLG	"X'40'" JESLOG data set
		..1.		JDSVAVTS	"X'20'" Valid JDSAVTS opt field 11390S5C
		...1		JDSDSENF	"X'10'" SAPI Requested ENF signals
		.... 1...		JDSNOUPD	"X'08'" Ignore data set updates 16283TAC
		.... .1..		JDSJCLO	"X'04'" DD SYMBOLS= set to JCLONLY
		.... ..1.		JDSEXEC	"X'02'" DD SYMBOLS= set to EXECSYS
		1		JDSCNVT	"X'01'" DD SYMBOLS= set to CNVTSYS
254	(FE)	BITSTRING	1	JDSFLG14	Flag Byte
		Definition of JDSFLG14			
		1...		JDSMDOD	"X'80'" OUTDISP modified on modify command
		.1..		JDSODWRT	"X'40'" Set output disposition of WRITE for recycled JDS
		..1.		JDSODKEP	"X'20'" Set output disposition of KEEP for recycled JDS
254	(FE)	X'60'	0	JDSODNON	"JDSODWRT+JDSODKEP" Set output disposition of none for recycled JDS
		...1		JDSODABN	"X'10'" Use abnormal output disposition
		.... 1...		JDSUID8	"X'08'" 1-8 character user id in JDSPROCN and JDSTSOMP set (INTRDR JDS entries only)
		.... .1..		JDSR1404	"X'04'" Reserved for IBM
		.... ..1.		JDSR1402	"X'02'" Reserved for IBM
		1		JDSR1401	"X'01'" Reserved for IBM
255	(FF)	ADDRESS	1	JDSSUBMP	Submitting system MPSEQ 05212STA (INTRDR JDS entries only) 05212STA
256	(100)	SIGNED	4	JDSBYTES	Output data set byte count - the byte count contained here is a count of the number of spool buffers used and must be multiplied with the contents of field SIZEBUF to obtain the byte count
260	(104)	SIGNED	4	JDSRSV00	Reserved for IBM This field may be reclaimed when release HJS7703 is no longer in service
264	(108)	SIGNED	4	JDSSUBNO	Job number of the submitter 0020
268	(10C)	SIGNED	4	JDSRSVS3	RESERVED FOR SERVICE
272	(110)	SIGNED	4	JDSRSVU3	RESERVED FOR USERS

Table 347. Structure JDSENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		JDS/JDO MAPPING CONTROL BLOCK. 01 Change Activity: $TJ= J3JCLTRK HJS77A0 130617 RD0DJ: z 2.2.0 $TO= J3OUTDSP HJS77A0 140124 RD0DJ: z 2.2.0 $TL= J3SYMBOL HJS77A0 140806 RD0JE: z 2.2.0			
276	(114)	SIGNED	4	JDSOUTPT(0)	START OF OUTPUT RELATED INFO
276	(114)	SIGNED	2	JDSSTEP	STEP NUMBER FOR MVS MAIN
278	(116)	CHARACTER	1	JDSCLASS	SYSOUT CLASS THIS ENTRY
279	(117)	BITSTRING	1	JDSCOPY	NUMBER OF COPIES ADDITIONAL DEPENDENCY: FOR JESMSGLG PROCESSING IF ZERO AND VALID DO NOT PUT TO FILE
280	(118)	SIGNED	2	JDSOTNR	NUMBER OF OUTPUT STATEMENTS FROM THIS DD STATEMENT
280	(118)	X'118'	0	JDSSTMTN	"JDSOTNR" STATEMENT NUMBER OF THIS OUTPUT STATEMENT
282	(11A)	SIGNED	2	JDSOTOFS	OFFSET TO FIRST OUTPUT REF
284	(11C)	BITSTRING	1	JDSSPC	Skip & space flags
		Definition of skip & space flags			
		1...		JDSOVFLV	"X'80'" OVFL parameter specified
		.1..		JDSOVFL	"X'40'" Overflow on ch. 12
		.... .1..		JDSSPCV	"X'04'" SPACE BITS ARE VALID: CONTROL = PROGRAM IF NO OTHER SPACE BITS ARE ON
		1		JDSSPC1	"X'01'" SINGLE SPACE
		.... ..1.		JDSSPC2	"X'02'" DOUBLE SPACE BOTH BITS ON INDICATE TRIPLE SPACE
285	(11D)	BITSTRING	1	JDSJESDS	JESDS VALUE
		DEFINITION OF JESDS			
		1...		JDSJDALL	"X'80'" JESDS=ALL
		.1..		JDSJDJCL	"X'40'" JESDS=JCL
		..1.		JDSJDLOG	"X'20'" JESDS=LOG
		...1		JDSJDMSG	"X'10'" JESDS=MSG
286	(11E)	BITSTRING	1	JDSFLG1	FLAG FLG1
		DEFINITION OF FLG1			
		1...		JDSOPCDJ	"X'80'" OPTCD = J WAS SPECIFIED
286	(11E)	X'80'	0	JDSTRC	"JDSOPCDJ" TRC = YES WAS SPECIFIED
		.1..		JDSBTSS	"X'40'" 3800 BURST SHEET STACKING
		..1.		JDSCHARV	"X'20'" CHARS FIELD PRESENT
		...1		JDSCPYEV	"X'10'" COPYE FIELD PRESENT
		.... 1...		JDSFLSHV	"X'08'" FLASH FIELD PRESENT
		.... .1..		JDSFLCNV	"X'04'" FLCNT FIELD PRESENT
		.... ..1.		JDSMODV	"X'02'" MODID-MODRC FIELD PRESENT
		1		JDSCFS	"X'01'" 3800 CONTINUOUS FORMS STACKING
286	(11E)	X'FA'	0	JDS13800	"JDSOPCDJ+JDSBTSS+JDSCHARV+JDSCPYEV+JDSFLSHV +JDSMODV" EQU 3800 CHARACTERISTICS

Table 347. Structure JDSENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
287	(11F)	BITSTRING	1	JDSFLG3	FLAG FLG3
		DEFINITION OF FLG3 Note that the x'80' bit is multiply defined. - For SYSOUT datasets, the &J.DDEST indicates whether or not the DEST field contains the Destination Node name. - For SYSIN datasets, the &J.LOGDD bit indicates whether or not the LOGNM field contains a SYMBOLS= Logging Dataset Name.			
		1...		JDSDDEST	"X'80'" DEST FIELD PRESENT (SYSOUT)
		1...		JDSLOGDD	"X'80'" LOG DD NAME PRESENT (SYSIN)
		.1..		JDSDFORM	"X'40'" FORM FIELD PRESENT
		..1.		JDSDFCB	"X'20'" FCB FIELD PRESENT
		...1		JDSDUCS	"X'10'" UCS FIELD PRESENT
		.... 1...		JDSDCOPY	"X'08'" COPY FIELD IS VALID
		.... .1..		JDSUSRWT	"X'04'" USER WRITER NAME PRESENT
		.... ..1.		JDSDTYPE	"X'02'" TYPE FIELD PRESENT
		1		JDSDDSID	"X'01'" DSID FIELD PRESENT
288	(120)	BITSTRING	1	JDSFLG6	FLAG FLG6
		DEFINITION OF FLG6			
		1...		JDSOUTDF	"X'80'" DEFAULT OUTPUT ENTRY
		.1..		JDSOUTRF	"X'40'" OUTPUT REF THIS DD ENTRY
		..1.		JDSOUTJB	"X'20'" JOB LEVEL OUTPUT ENTRY
		...1		JDSOUTST	"X'10'" STEP LEVEL OUTPUT ENTRY
		.... 1...		JDSDST2V	"X'08'" DEST2 FIELD PRESENT
		.... .1..		JDSCKPLV	"X'04'" CKPTLINE FIELD PRESENT
		.... ..1.		JDSCKPPV	"X'02'" CKPTPAGE FIELD PRESENT
		1		JDSCKPSV	"X'01'" CKPTSEC FIELD PRESENT
289	(121)	BITSTRING	1	JDSFLG7	FLAG FLG7
		DEFINITION OF FLG7			
		1...		JDSPRTYV	"X'80'" PRIORITY FIELD PRESENT
		.1..		JDSTHREV	"X'40'" THRESHOLD FIELD PRESENT
		..1.		JDSCTABV	"X'20'" COMPACTION FIELD PRESENT
		...1		JDSMODRV	"X'10'" MODRC FIELD PRESENT ON THE OUTPUT STATEMENT
		.... 1...		JDSDCLA	"X'08'" MVS DEFAULT CLASS USED
		.... .1..		JDSRACUV	"X'04'" SUBMITTER'S USERID PRESENT
		.... ..1.		JDSRACGV	"X'02'" SUBMITTER'S GROUPID PRESENT
		1		JDSDDES	"X'01'" MVS DEFAULT DEST USED
290	(122)	BITSTRING	1	JDSFLG8	FLAG FLG8
		DEFINITION OF FLG8			
		1...		JDSPRMV	"X'80'" PRMODE FIELD PRESENT
		.1..		JDSHLDY	"X'40'" SYSOUT DD HOLD=YES specified
		..1.		JDSOTB	"X'20'" OUTBIN ID SPECIFIED 0146
		...1		JDSIPADR	"X'10'" IPADDR specified

Table 347. Structure JDSENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		JDSFRMDF	"X'08'" FORMDEF specified
		.... .1..		JDSPGEDF	"X'04'" PAGEDEF specified
		.... ..1.		JDSXJBNO	"X'02'" 4-byte job number exists (JDSJOBNO)
		1		JDSSTCKV	"X'01'" SYSLOG time stamps present 12190S5A
291	(123)	BITSTRING	1	JDSFLGA	FLAG FLGA
		DEFINITION OF FLGA			
		1...		JDSSEPRT	"X'80'" SEPARATELY SCHEDULABLE
		.1..		JDSOUTMG	"X'40'" Merge OUTPUT entry
		..1.		JDSDDNME	"X'20'" DDNAME= field present
		...1		JDSODSPV	"X'10'" OUTDISP= specified
		.... 1...		JDSHLDN	"X'08'" SYSOUT DD HOLD=NO specified
292	(124)	SIGNED	2	JDSSWBID	OUTPUT GROUPING TOKEN
294	(126)	CHARACTER	1	JDSOTCLS	SYSOUT CLASS OF FIRST 0012 OUTPUT REFERENCE 0012
295	(127)	BITSTRING	1	JDSRSVD4	RESERVED FOR DEVELOPMENT 0012
296	(128)	SIGNED	4	(0)	
		THE FOLLOWING THREE FIELDS MUST BE CONTIGUOUS BECAUSE WE NEED TO COMPARE FOR A LENGTH OF 24 FOR THE DATA SET NAME.			
296	(128)	CHARACTER	8	JDSPROCN	- PROCEDURE NAME
304	(130)	CHARACTER	8	JDSSTEPN	- STEP NAME
312	(138)	CHARACTER	8	JDSDDNAM	- NAME OF THIS DATA SET ENTRY
312	(138)	X'18'	0	JDSDDLEN	"*-JDSPROCN" LENGTH OF DD NAME
320	(140)	CHARACTER	8	JDSDEST	- For SYSOUT: Destination
320	(140)	CHARACTER	8	JDSLOGNM	- For SYSIN: Symbols Logging DD
328	(148)	CHARACTER	8	JDSTYPE(0)	DESTINATION DEVICE TYPE
328	(148)	CHARACTER	8	JDSFORM(0)	PRINTER FORMS
328	(148)	CHARACTER	8	JDSFCB(0)	FCB/CTAPE
328	(148)	CHARACTER	4	JDSUCS(0)	PRINTER TRAIN
328	(148)	CHARACTER	8	JDSWTRNM(0)	USER WRITER NAME
328	(148)	CHARACTER	8	JDSDSID(0)	DSID OF ERIC DATASET
328	(148)	CHARACTER	16	JDSCHARS(0)	CHARS VALUE
328	(148)	CHARACTER	8	JDSCOPYE(0)	COPY DISTRIBUTION
328	(148)	CHARACTER	4	JDSFLASH(0)	FLASH CARTRIDGE ID
328	(148)	BITSTRING	1	JDSFLCNT(0)	FLASH COUNT
328	(148)	CHARACTER	4	JDSMODID(0)	COPY MODIFICATION ID
328	(148)	CHARACTER	1	JDSMODRC(0)	COPY MOD REFERENCE CHARACTER
328	(148)	BITSTRING	1	JDSPRTY(0)	PRIORITY
328	(148)	BITSTRING	4	JDSTHRES(0)	THRESHOLD
328	(148)	CHARACTER	8	JDSDEST2(0)	NJE USERID
328	(148)	CHARACTER	2	JDSLRECL(0)	LRECL FOR RESERVED WTR DS
328	(148)	BITSTRING	2	JDSCJBNO(0)	Compatible with &J.CJBNO - see IATXJBNO macro
328	(148)	BITSTRING	2	JDSCKPL(0)	NUMBER OF LINES TO CHECKPT

Table 347. Structure JDSENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
328	(148)	BITSTRING	2	JDSCKPP(0)	NUMBER OF PAGES TO CHECKPT
328	(148)	BITSTRING	2	JDSCKPS(0)	NUMBER OF SECONDS TO CHECKPT
328	(148)	CHARACTER	8	JDSCTABN(0)	COMPACTION TABLE NAME
328	(148)	CHARACTER	8	JDSMODE(0)	PROCESS MODE FOR THIS ENTRY
328	(148)	CHARACTER	8	JDSRACU(0)	SUBMITTER'S USERID
328	(148)	CHARACTER	8	JDSRACG(0)	SUBMITTER'S GROUPID
328	(148)	BITSTRING	4	JDSJOBNO(0)	Extended job number
328	(148)	BITSTRING	4	JDSOTBN(0)	OUTBIN ID 0146
328	(148)	BITSTRING	8	JDSSTCKL(0)	Low SYSLOG time stamp 12190S5A
328	(148)	BITSTRING	8	JDSSTCKH(0)	High SYSLOG time stamp 12190S5A
328	(148)	BITSTRING	4	JDSAVTS(0)	DS when available TS 11390S5A
328	(148)	BITSTRING	1	JDSODSPN(0)	OUTDISP normal disposition
328	(148)	BITSTRING	1	JDSODSPA(0)	OUTDISP abnormal disposition
		ADDITIONAL FIELDS FOR THE JDS MUST BE PUT IN BEFORE THE -OTREF FIELD.			
328	(148)	BITSTRING	256	JDSOTREF(0)	OUTPUT REFERENCES THIS ENTRY
328	(148)	SIGNED	4	JDSVEND(0)	END PTR IF NO STEP OR PROC EXT.
		---------- 11390S5A The following field is NOT part of a JDSENTRY. 11390S5A After the end of the last JDSENTRY a 4 byte 11390S5A terminator with a value of 'FFFFFFFF' is inserted 11390S5A so code iterating the entries knows to stop. 11390S5A This terminator is required so code that appends a 11390S5A JDSENTRY in a buffer must make sure there is enough 11390S5A room in the buffer for the entry itself and the 11390S5A 4 byte terminator. 11390S5A ---------- 11390S5A				
328	(148)	BITSTRING	4	JDSETERM(0)	JDSENTRY terminator field 11390S5A
		---------- 12190S5A The following codes are used to specify the field 12190S5A that GRJAADVJ is to position to. They should 12190S5A correspond to the sequential number of the field in 12190S5A the list of declared fields above. 12190S5A ---------- 12190S5A			
328	(148)	X'10'	0	JDSCLRCL	"16" Locate the JDSLRECL field 12190S5A
328	(148)	X'1B'	0	JDSCSTKL	"27" Locate the JDSSTCKL field 12190S5A
		VSIZE (ENTRY FIXED SIZE) THIS LABEL DEFINES THE MAXIMUM SIZE OF THE ENTRY FIXED PORTION.			
328	(148)	BITSTRING	1	JDSVSIZE(0)	
		VSZS1 - VSZS5 (SPINOFF - VARIABLE) THIS LABEL DEFINES THE LENGTH ATTRIBUTES FOR THE VARIABLE PARAMETERS THAT ARE USED FOR SPINOFF PROCESSING. JDS ENTRIES ARE CREATED FOR SPINOFF PROCESSING WITHIN MODULE IATOSGR (ROUTINE 'SPINOFFX')			
328	(148)	X'1C'	0	JDSVSZS1	"L'JDSTYPE+L'JDSFORM+L'JDSFCB+L'JDSUCS"
328	(148)	X'28'	0	JDSVSZS2	"L'JDSWTRNM+L'JDSDSID+L'JDSCHARS+L'JDSCOPYE"

Table 347. Structure JDSENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
328	(148)	X'A'	0	JDSVSZS3	"L'JDSFLASH+L'JDSFLCNT+L'JDSMODID+L'JDSMODRC "
328	(148)	X'16'	0	JDSVSZS4	"L'JDSLRECL+L'JDSJOBNO+L'JDSRACU+L'JDSRACG"
328	(148)	X'A'	0	JDSVSZS5	"L'JDSOTBN+L'JDSAVTS+L'JDSODSPN+L'JDSODSPA"
		VSZS (SPINOFF - MAX VARIABLE) THIS LABEL DEFINES THE MAXIMUM LENGTH OF THE VARIABLE PARAMETERS USED FOR SPINOFF PROCESSING.			
328	(148)	X'6E'	0	JDSVSZS	"JDSVSZS1+JDSVSZS2+JDSVSZS3+JDSVSZS4+JDSVSZS 5"
		MSZS (SPINOFF - MAXIMUM ENTRY) THIS LABEL DEFINES THE MAXIMUM LENGTH OF A ENTRY FOR SPINOFF.			
328	(148)	X'1B6'	0	JDSMSZS	"L'JDSVSIZE+JDSVSZS"
		VSZ1 - VSZ8 (TOTAL - VARIABLE) THIS LABEL DEFINES THE LENGTH ATTRIBUTES FOR THE ALL THE VARIABLE PARAMETERS.			
328	(148)	X'1C'	0	JDSVSZ1	"L'JDSTYPE+L'JDSFORM+L'JDSFCB+L'JDSUCS"
328	(148)	X'28'	0	JDSVSZ2	"L'JDSWTRNM+L'JDSDSID+L'JDSCHARS+L'JDSCOPYE"
328	(148)	X'A'	0	JDSVSZ3	"L'JDSFLASH+L'JDSFLCNT+L'JDSMODID+L'JDSMODRC "
328	(148)	X'F'	0	JDSVSZ4	"L'JDSPRTY+L'JDSTHRES+L'JDSDEST2+L'JDSLRECL"
328	(148)	X'A'	0	JDSVSZ5	"L'JDSJOBNO+L'JDSCKPL+L'JDSCKPP+L'JDSCKPS"
328	(148)	X'20'	0	JDSVSZ6	"L'JDSCTABN+L'JDSMODE+L'JDSRACU+L'JDSRACG"
328	(148)	X'114'	0	JDSVSZ7	"L'JDSOTBN+L'JDSOTREF+L'JDSSTCKL+L'JDSSTCKH"
328	(148)	X'6'	0	JDSVSZ8	"L'JDSAVTS+L'JDSODSPN+L'JDSODSPA"
		VESZ1 - VESIZ (TOTAL - MAXIMUM VARIABLE) THIS LABEL DEFINES THE MAXIMUM LENGTH OF THE PARAMETER ENTRIES.			
328	(148)	X'87'	0	JDSVESZ1	"JDSVSZ1+JDSVSZ2+JDSVSZ3+JDSVSZ4+JDSVSZ5+JDS VSZ6"
328	(148)	X'1A1'	0	JDSVESIZ	"JDSVSZ7+JDSVESZ1+JDSVSZ8" 11390S5C
		MXSIZ (MAXIMUM ENTRY SIZE) THIS LABEL DEFINES THE MAXIMUM LENGTH OF THE ENTRY.			
328	(148)	X'2E9'	0	JDSMXSIZ	"L'JDSVSIZE+JDSVESIZ"

Table 348. Structure SYSINPTR

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SYSINPTR	
0	(0)	CHARACTER	3	INCOMENT	Comment statement
3	(3)	CHARACTER	10	INSPADRH	Spool address header
13	(D)	BITSTRING	6	INSPADRV	Spool address value

Table 348. Structure SYSINPTR (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
19	(13)	CHARACTER	8	INDSNUMH	Dataset number field header
27	(1B)	CHARACTER	8	INDSNUMV	Data set number value
35	(23)	CHARACTER	8	INDELIMH	Delimiter field header
43	(2B)	BITSTRING	2	INDELIMV	Delimiter value
45	(2D)	CHARACTER	7	INNOTERH	Note header (not spooled)
52	(34)	BITSTRING	8	INNOTERV	Note value (not spooled)
60	(3C)	CHARACTER	13	INBLANKS	Record filler - blanks
73	(49)	CHARACTER	7	INJES3GN	JES3 generated tag
73	(49)	X'50'	0	INPTSIZE	"*-SYSINPTR" Size of SYSIN pointer record

```
ADVJDS - Internal macro to advance beyond a single
JDS field given a flag byte and a bit within the
flag indicating that the JDS field is valid.
The COPYTO parameter can be specifed to indicate
that the generated code should include a MVC to
copy the field into another field. Addressability
to the specified field must already be established.
This macro can also be used on JDO fields.
```

Table 349. Cross Reference for IATYJDS

Name	Offset	Hex Tag
INBLANKS	3C	40404040
INCOMENT	0	61615C
INDELIMH	23	40C4C5D3
INDELIMV	2B	
INDSNUMH	13	40C4E2D5
INDSNUMV	1B	
INJES3GN	49	D1C5E2F3
INNOTERH	2D	40D5D6E3
INNOTERV	34	
INPTSIZE	49	50
INSPADRH	3	40E2D7D3
INSPADRV	D	
JDSALL0	34	80
JDSAVTS	148	
JDSBTRNC	F7	2
JDSBTSS	11E	40
JDSBYTES	100	
JDSCASPN	FC	2
JDSCFS	11E	1
JDSCHARS	148	
JDSCHARV	11E	20
JDSCHN	C	0
JDSCJBNO	148	
JDSCKPL	148	
JDSCKPLV	120	4
JDSCKPP	148	
JDSCKPPV	120	2

Table 349. Cross Reference for IATYJDS (continued)

Name	Offset	Hex Tag
JDSCKPS	148	
JDSCKPSV	120	1
JDSCLASS	116	
JDSCLRCL	148	10
JDSCLSAF	F4	20
JDSCNT	6	0
JDSCNVT	FD	1
JDSCOPY	117	
JDSCOPYE	148	
JDSCOUNT	40	
JDSCPDS	F6	80
JDSCPYEV	11E	10
JDSCSTKL	148	1B
JDSCTABN	148	
JDSCTABV	121	20
JDSCTKN	FA	10
JDSCTRSV	F3	
JDSCTYPE	F2	
JDSDATA	1C	
JDSDCLA	121	8
JDSDCOPY	11F	8
JDSDDES	121	1
JDSDDEST	11F	80
JDSDDLEN	138	18
JDSDDNAM	138	
JDSDDNME	123	20
JDSDDSID	11F	1
JDSDEST	140	
JDSDEST2	148	
JDSDFCB	11F	20
JDSDFORM	11F	40
JDSDH	F7	40
JDSDIRCT	FA	40
JDSDJBNO	F1	80
JDSDJOVR	34	40
JDSDOFDB	4C	
JDSDSENF	FD	10
JDSDSHB	F7	10
JDSDSHNO	EC	0
JDSDSID	148	
JDSDSNAM	DC	
JDSDSNM	BC	
JDSDSNUM	D4	
JDSDSPH	EA	
JDSDST2V	120	8
JDSDTYPE	11F	2

Table 349. Cross Reference for IATYJDS (continued)

Name	Offset	Hex Tag
JDSDUCS	11F	10
JDSDUSID	F1	20
JDSENTRY	0	
JDSETERM	148	
JDSEXEC	FD	2
JDSEXTWT	F3	20
JDSFCB	148	
JDSFDB	0	
JDSFDBA	30	
JDSFEND	44	
JDSFIXL	1E	
JDSFLASH	148	
JDSFLCNT	148	
JDSFLCNV	11E	4
JDSFLG	F0	
JDSFLGA	123	
JDSFLG1	11E	
JDSFLG10	FA	
JDSFLG11	FB	
JDSFLG12	FC	
JDSFLG13	FD	
JDSFLG14	FE	
JDSFLG2	F1	
JDSFLG3	11F	
JDSFLG4	F4	
JDSFLG5	F5	
JDSFLG6	120	
JDSFLG7	121	
JDSFLG8	122	
JDSFLG9	F7	
JDSFLSHV	11E	8
JDSFORM	148	
JDSFRMDF	122	8
JDSFSIZE	44	
JDSG7556	FA	1
JDSHDR	F0	2
JDSHFLG	34	
JDSHLD	F2	1
JDSHLDN	123	8
JDSHLDNO	2C	
JDSHLDY	122	40
JDSHLOSE	F5	1
JDSHOLDJ	F4	1
JDSID	8	D1C4E240
JDSIJDEL	F0	8
JDSINCNT	24	

Table 349. Cross Reference for IATYJDS (continued)

Name	Offset	Hex Tag
JDSINT	F1	10
JDSINTER	FD	80
JDSINTVL	F4	8
JDSIPADR	122	10
JDSISDON	F1	2
JDSISDS	F4	4
JDSJCLO	FD	4
JDSJDALL	11D	80
JDSJDJCL	11D	40
JDSJDLOG	11D	20
JDSJDMSG	11D	10
JDSJESDS	11D	
JDSJESLG	FD	40
JDSJH	F7	80
JDSJOBID	CC	
JDSJOBNM	C4	
JDSJOBNO	148	
JDSJSABJ	FC	4
JDSJSDS	FC	1
JDSJT	F7	20
JDSLINES	24	
JDSLOGDD	11F	80
JDSLOGNM	140	
JDSLRECL	148	
JDSLRECV	F4	2
JDSMAXRL	EE	
JDSMDCHR	FC	80
JDSMDCPM	FC	20
JDSMDCPY	FB	8
JDSMDDST	FB	40
JDSMDFCB	FB	2
JDSMDFLS	FC	40
JDSMDFRM	FB	20
JDSMDMDE	FC	10
JDSMDOD	FE	80
JDSMDOTB	FC	8
JDSMDPRY	FB	10
JDSMDUCS	FB	1
JDSMDWTR	FB	80
JDSMD2DT	FB	4
JDSMNCMP	F1	4
JDSMODE	148	
JDSMODID	148	
JDSMODRC	148	
JDSMODRV	121	10
JDSMODV	11E	2

Table 349. Cross Reference for IATYJDS (continued)

Name	Offset	Hex Tag
JDSMPSEQ	EB	
JDSMSZS	148	1B6
JDSMXSIZ	148	2E9
JDSNDVRY	F1	40
JDSNJOVF	F4	10
JDSNOUPD	FD	8
JDSNTERQ	FA	8
JDSN7556	FA	2
JDSODABN	FE	10
JDSODKEP	FE	20
JDSODNON	FE	60
JDSODSPA	148	
JDSODSPN	148	
JDSODSPV	123	10
JDSODWRT	FE	40
JDSOLD	F0	10
JDSOMOHQ	F5	10
JDSOPCDJ	11E	80
JDSOPEN	F0	80
JDSOSENO	22	
JDSOTB	122	20
JDSOTBN	148	
JDSOTCLS	126	
JDSOTFDB	0	0
JDSOTNR	118	
JDSOTOFS	11A	
JDSOTOSE	F5	20
JDSOTPUT	F2	20
JDSOTREF	148	
JDSOUTDA	F3	4
JDSOUTDF	120	80
JDSOUTDN	F3	8
JDSOUTJB	120	20
JDSOUTMG	123	40
JDSOUTPT	114	
JDSOUTRF	120	40
JDSOUTST	120	10
JDSOVFL	11C	40
JDSOVFLV	11C	80
JDSPAGES	28	
JDSPGEDF	122	4
JDSPINOF	F1	8
JDSPNFRP	F4	40
JDSPNOSE	F5	40
JDSPOSED	F5	4
JDSPRFRP	F4	80

Table 349. Cross Reference for IATYJDS (continued)

Name	Offset	Hex Tag
JDSPRINT	F2	80
JDSPRMV	122	80
JDSPROCN	128	
JDSPROSE	F5	80
JDSPRTY	148	
JDSPRTYV	121	80
JDSPUNCH	F2	40
JDSRACG	148	
JDSRACGV	121	2
JDSRACU	148	
JDSRACUV	121	4
JDSREAD	F0	40
JDSRECDS	2C	
JDSRECFM	F6	
JDSRECS	E4	
JDSRFASA	F6	40
JDSRFFIX	F6	8
JDSRFMCH	F6	20
JDSRFVAR	F6	10
JDSRSVD	F2	2
JDSRSVDW	F3	40
JDSRSVD1	36	
JDSRSVD4	127	
JDSRSVD5	38	
JDSRSVD6	35	
JDSRSVS1	3C	
JDSRSVS3	10C	
JDSRSVU3	110	
JDSRSV00	104	
JDSRTF10	F3	10
JDSR1401	FE	1
JDSR1402	FE	2
JDSR1404	FE	4
JDSSECFL	FA	80
JDSSEPRT	123	80
JDSSEQNO	F8	
JDSSPC	11C	
JDSSPCV	11C	4
JDSSPC1	11C	1
JDSSPC2	11C	2
JDSSPDXY	F7	1
JDSSPNDX	E8	
JDSSTART	0	
JDSSTCKH	148	
JDSSTCKL	148	
JDSSTCKV	122	1

Table 349. Cross Reference for IATYJDS (continued)

Name	Offset	Hex Tag
JDSSTEP	114	
JDSSTEPN	130	
JDSSTMTN	118	118
JDSSUBMP	FF	
JDSSUBNO	108	
JDSSWBID	124	
JDSSYSD	F7	4
JDSTAT	F2	10
JDSTATFD	30	
JDSTHRES	148	
JDSTHREV	121	40
JDSTOKEN	6C	
JDSTOTL	1C	
JDSTRC	11E	80
JDSTRK	0	0
JDSTSO	F2	0
JDSTSOFR	F4	0
JDSTSOMP	ED	
JDSTSOSE	F5	0
JDSTSOVS	F3	80
JDSTXDS	F7	8
JDSTYPE	148	
JDSUCS	148	
JDSUID8	FE	8
JDSUSAM	F5	8
JDSUSER1	F2	8
JDSUSER2	F2	4
JDSUSID8	FA	4
JDSUSRID	BC	
JDSUSRWT	11F	4
JDSVARL	20	
JDSVAVTS	FD	20
JDSVEND	148	
JDSVESIZ	148	1A1
JDSVESZ1	148	87
JDSVLID	18	0
JDSVSIZE	148	
JDSVSZS	148	6E
JDSVSZS1	148	1C
JDSVSZS2	148	28
JDSVSZS3	148	A
JDSVSZS4	148	16
JDSVSZS5	148	A
JDSVSZ1	148	1C
JDSVSZ2	148	28
JDSVSZ3	148	A

Table 349. Cross Reference for IATYJDS (continued)

Name	Offset	Hex Tag
JDSVSZ4	148	F
JDSVSZ5	148	A
JDSVSZ6	148	20
JDSVSZ7	148	114
JDSVSZ8	148	6
JDSWKFDB	20	
JDSWRITE	F0	20
JDSWTRN	FA	20
JDSWTRNM	148	
JDSXJBNO	122	2
JDSYSIN	F1	1
JDS13800	11E	FA
SYSINPTR	0	

IATYJDSX information

IATYJDSX programming interface information

IATYJDSX is a programming interface.

IATYJDSX heading information

Common name: OSEJDSPT Translation Data Areas

Macro ID: IATYJDSX

DSECT name: JDSXTABL, JDSXTABE, JDSXPARM

Owning component: JES3 (SC1BA)

Eye-catcher ID: JDSXTABL, JDSXPARM
Offset: 0
Length: 8

Storage attributes: Auxiliary Storage: N/A
Subpool: 0

Size: JXTBHSIZ (JDSXTABL)
JXTBESIZ (JDSXTABE)
JXPRMSIZ (JDSXPARM)

Created by: IATMOOI (JDSXPARM)
IATOSOR (JDSXTABL, JDSXTABE)
IATOSSO (JDSXPARM)

Pointed to by: JXPMTABL (JDSXTABL)
MOOSJXTB (JDSXTABL)
SDWJDXTB (JDSXTABL)
JXTBAVLE (JDSXTABE)
Register 1 on entry to OSORJDSX
(JDSXPARM)

Serialization: NONE

Function: This macro maps the following data areas
used by the OSEJDSPT translation routine:
o JDSXPARM- Parameter list for OSORJDSX
o JDSXTABL- OSEJDSPT translate table header
o JDSXTABE- OSEJDSPT translate table entry

IATYJDSX mapping

Table 350. Structure JDSXTABL

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JDSXTABL	OSEJDSPT table mapping
0	(0)	CHARACTER	8	JXTBEYE	Table eyecatcher
8	(8)	ADDRESS	4	JXTBNEXT	Pointer to next segment
12	(C)	SIGNED	4	JXTBSIZE	Size of this segment
16	(10)	ADDRESS	4	JXTBAVLE	Address of next available entry
16	(10)	X'14'	0	JXTBHSIZ	"*-JDSXTABL" Size of table header
16	(10)	X'14'	0	JXTBENTS	"*" Start of first entry
16	(10)	X'3E'	0	JXTBENTN	"62" Number of entries per segment

Table 351. Structure JDSXTABE

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JDSXTABE	OSEJDSPT table entry map
0	(0)	SIGNED	4	JXTBOLDV	Old OSEJDSPT value
4	(4)	SIGNED	4	JXTBNEWV	New OSEJDSPT value
8	(8)	SIGNED	4	JXTBREFT	Total number of OSEs that reference this JDS
12	(C)	SIGNED	4	JXTBREFC	Number of referencing OSEs that have been changed so far
12	(C)	X'10'	0	JXTBESIZ	"*-JDSXTABE" Size of table entry

Table 352. Structure JDSXPARM

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JDSXPARM	OSEJDSPT table entry map
0	(0)	CHARACTER	8	JXPMEYE	Parameter list eyecatcher
8	(8)	ADDRESS	4	JXPMTABL	Address of OSEJDSPT translate table
12	(C)	ADDRESS	4	JXPMANCH	Address of field pointing to OSEJDSPT translate table anchor
16	(10)	SIGNED	4	JXPMBUF4	(Low) Buffer number
20	(14)	SIGNED	4	JXPMBFH4	High buffer number
24	(18)	ADDRESS	4	JXPMOSEF	OSE buffer address
28	(1C)	ADDRESS	4	JXPMRSQA	RESQUEUE address
32	(20)	ADDRESS	4	JXPMWSPA	WSP address
36	(24)	ADDRESS	4	JXPMCSBT	CSBT entry address
40	(28)	SIGNED	4	JXPMDUMP	Dump code
44	(2C)	SIGNED	4	JXPMRESN	Abend reason code
48	(30)	BITSTRING	1	JXPMFUNC	Function code
	Definition of JXPMFUNC code values				
48	(30)	X'1'	0	JXPMCREA	"1" Create translate table
48	(30)	X'2'	0	JXPMDELE	"2" Delete translate table
48	(30)	X'3'	0	JXPMXLTB	"3" Translate one OSE buffer
48	(30)	X'4'	0	JXPMXLTR	"4" Read in and translate one or more OSE buffers
48	(30)	X'5'	0	JXPMCOST	"5" Check OSTs to see whether OSE buffer needs translation

Table 352. Structure JDSXPARM (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
48	(30)	X'6'	0	JXPMXBDT	"6" Translate queued temporary BDT OSEs
49	(31)	BITSTRING	1	JXPMFLG1	Processing (input) flags
		Definition of JXPMFLG1 bit values			
		1...		JXPMULIM	"X'80'" JXPMBUFF is an upper limit; process all OSE buffers up to but not including JXPMBUFF
		.1..		JXPMBSKP	"X'40'" Skip processing OSE buffers JXPMBUFF through JXPMBUFH inclusive; process all buffers before JXPMBUFF and all after JXPMBUFH
		..1.		JXPMSNGL	"X'20'" Process a single OSE buffer (JXPMBUFF)
		...1		JXPMF110	"X'10'" Reserved for IBM
		.... 1...		JXPMF108	"X'08'" Reserved for IBM
		.... .1..		JXPMF104	"X'04'" Reserved for IBM
		.... ..1.		JXPMF102	"X'02'" Reserved for IBM
		1		JXPMF101	"X'01'" Reserved for IBM
50	(32)	BITSTRING	1	JXPMFLG2	Work/output flags
		Definition of JXPMFLG2 bit values			
		1...		JXPMXINC	"X'80'" Translation is not complete
		.1..		JXPMCHNG	"X'40'" The current OSE buffer has been changed
		..1.		JXPMRCUR	"X'20'" Recursive error indicator
		...1		JXPMIOER	"X'10'" I/O error on JESREAD
		.... 1...		JXPMF208	"X'08'" Reserved for IBM
		.... .1..		JXPMF204	"X'04'" Reserved for IBM
		.... ..1.		JXPMF202	"X'02'" Reserved for IBM
		1		JXPMF201	"X'01'" Reserved for IBM
51	(33)	BITSTRING	1	JXPMRSV1	Reserved for IBM
51	(33)	X'34'	0	JXPRMSIZ	"*-JDSXPARM" Size of parameter list

Table 353. Cross Reference for IATYJDSX

Name	Offset	Hex Tag
JDSXPARM	0	
JDSXTABE	0	
JDSXTABL	0	
JXPMANCH	C	
JXPMBFH4	14	
JXPMBSKP	31	40
JXPMBUF4	10	
JXPMCHNG	32	40
JXPMCOST	30	5
JXPMCREA	30	1
JXPMCSBT	24	
JXPMDELE	30	2
JXPMDUMP	28	

Table 353. Cross Reference for IATYJDSX (continued)

Name	Offset	Hex Tag
JXPMEYE	0	
JXPMFLG1	31	
JXPMFLG2	32	
JXPMFUNC	30	
JXPMF101	31	1
JXPMF102	31	2
JXPMF104	31	4
JXPMF108	31	8
JXPMF110	31	10
JXPMF201	32	1
JXPMF202	32	2
JXPMF204	32	4
JXPMF208	32	8
JXPMIOER	32	10
JXPMOSEF	18	
JXPMRCUR	32	20
JXPMRESN	2C	
JXPMRSQA	1C	
JXPMRSV1	33	
JXPMSNGL	31	20
JXPMTABL	8	
JXPMULIM	31	80
JXPMWSPA	20	
JXPMXBDT	30	6
JXPMXINC	32	80
JXPMXLTB	30	3
JXPMXLTR	30	4
JXPRMSIZ	33	34
JXTBAVLE	10	
JXTBENTN	10	3E
JXTBENTS	10	14
JXTBESIZ	C	10
JXTBEYE	0	
JXTBHSIZ	10	14
JXTBNEWV	4	
JXTBNEXT	8	
JXTBOLDV	0	
JXTBREFC	C	
JXTBREFT	8	
JXTBSIZE	C	

IATYJEL information

IATYJEL heading information

Common name: JCT INITIALIZATION ERROR LOGOUT ELEMENT

Macro ID:	IATYJEL
DSECT name:	JELSTART
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	JEL Offset: 0 Length: 4
Storage attributes:	Main Storage: SUBPOOL 0
Size:	16 Bytes
Created by:	IATINJQ
Pointed to by:	INTJELAD IN IATYINT JELNEXT IN IATYJEL
Serialization:	NONE
Function:	Describes a JCT record for which job validation/restart is to be bypassed.

IATYJEL mapping

Table 354. Structure JELSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JELSTART	
0	(0)	CHARACTER	4	JELID	DATA AREA ID
4	(4)	ADDRESS	4	JELNEXT	ADDRESS OF NEXT JEL ENTRY OR ZERO
8	(8)	BITSTRING	4	JELRECNO	JCT RECORD NUMBER (R OF M.R)
JELFLG1 --- ERROR INDICATOR					
12	(C)	BITSTRING	1	JELFLG1	ERROR INDICATOR
		1...		JELIOERR	"X'80'" - READ ERROR
		.1..		JELDATM	"X'40'" - DATSPMOD INVALID
		..1.		JELDATR	"X'20'" - DATSPREC INVALID
		...1		JELDATID	"X'10'" - SRFID INVALID
		.... 1...		JELJCTID	"X'08'" - JCTID INVALID
		.... .1..		JELDUPNO	"X'04'" - DUPLICATE JOB NUMBER
		.... ..1.		JELBADNO	"X'02'" - INVALID JOB NUMBER
13	(D)	BITSTRING	1	JELRSERV(3)	RESERVED FOR DEVELOPMENT
16	(10)	DBL WORD	8	JELEND(0)	- ALIGN JEL TO DOUBLEWORD
16	(10)	X'10'	0	JELSIZE	"JELEND-JELSTART" SIZE OF JEL

Table 355. Cross Reference for IATYJEL

Name	Offset	Hex Tag
JELBADNO	C	2
JELDATID	C	10
JELDATM	C	40
JELDATR	C	20
JELDUPNO	C	4
JELEND	10	
JELFLG1	C	
JELID	0	
JELIOERR	C	80
JELJCTID	C	8
JELNEXT	4	

Table 355. Cross Reference for IATYJEL (continued)

Name	Offset	Hex Tag
JELRECNO	8	
JELRSERV	D	
JELSIZE	10	10
JELSTART	0	

IATYJET information

IATYJET heading information

Common name: *0031 JET (JDS Entry Table)

Macro ID: IATYJET

DSECT name: JETSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: JET
Offset: 0
Length: 4

Storage attributes: Main Storage: JES3JET Data Space
Auxiliary Storage: N/A
Key: 1
Residency: Any

Size: Header: 8 bytes
Body: A multiple of JETESIZE, depending on the JES3 buffer size

Created by: IATDMJV
IATGRJA

Pointed to by: CSBTUSER in JDS type entry

Serialization: None

Function: This macro is used to map the JDS Entry Table. Each entry in the table corresponds to a JDS entry in a JDS buffer and contains a quick summary of data in the entry.

IATYJET mapping

Table 356. Structure JETSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JETSTART	, Start of JET mapping
0	(0)	CHARACTER	4	JETNAME	Eyecatcher
4	(4)	SIGNED	2	JET0JDS	Size of largest zeroed JDS entry
6	(6)	ADDRESS	1	JETVER	JET version
6	(6)	X'1'	0	JETIVER	"1" Initial version number
6	(6)	X'1'	0	JETCVER	"JETIVER" Current version number
7	(7)	BITSTRING	1	JETRSVD	Reserved for IBM
8	(8)	SIGNED	4	JETHEND(0)	End of header section
8	(8)	X'8'	0	JETHSIZE	"JETHEND-JETSTART" Size of JET header section

Table 357. Structure JETESTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JETESTRT	Start of JET entry section

Table 357. Structure JETESTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	SIGNED	2	JETEOFST	Entry offset (also first halfword of JDS Note value)
2	(2)	SIGNED	2	JETLRECL	Maximum LRECL in data set
4	(4)	SIGNED	4	JETEVLID	VALID value if data set TAT is used
8	(8)	CHARACTER	8	JETEDSNA	Data set name from JDSDSNAM
16	(10)	CHARACTER	8	JETEJBNM	Job name from JDSJOBNM - may be different if JSAB used
24	(18)	CHARACTER	8	JETEPRCN	Procedure name from JDSPROCN
32	(20)	CHARACTER	8	JETESTPN	Step name from JDSSTEPN
40	(28)	CHARACTER	8	JETEDDNM	DD name from JDSDDNAM
48	(30)	CHARACTER	8	JETEUSER	Userid from JDSUSRID
56	(38)	CHARACTER	8	JETEDSNO	DS number from JDSDSNUM
64	(40)	BITSTRING	80	JETESECT	Security token from JDSTOKEN
144	(90)	SIGNED	4	JETELINE	Line count from JDSLINES 05250STA 05250STA
148	(94)	SIGNED	4	JETEPAGE	Page count from JDSPAGES 05250STA 05250STA
152	(98)	SIGNED	4	JETERECD	Record count from JDSRECDS 05250STA 05250STA
156	(9C)	BITSTRING	32	JETEFDB	MRF FDB from JDSFDB
188	(BC)	BITSTRING	28	JETETAFD	TAT FDB from JDSTATFD
216	(D8)	SIGNED	4	JETEBYTE	Byte count from JDSBYTES 05250STA
220	(DC)	BITSTRING	1	JETERECF	Record format from JDSRECFM
221	(DD)	BITSTRING	1	JETEFLG1	Flag byte 1
		1...		JETECLSP	"X'80'" Closed spinoff data set
		.1..		JETEINTR	"X'40'" Internel data set
		..1.		JETESYIN	"X'20'" SYSIN data set
		...1		JETEJESL	"X'10'" JESLOG data set
		.... 1...		JETESPIN	"X'08'" Spinoff data set
		.... .1..		JETETRAN	"X'04'" Transaction output 09611S2A
		.... ..1.		JETEJSBJ	"X'02'" Jobname came from a JSAB 10411S2A
		1		JETESTKV	"X'01'" SYSLOG time stamps present 14499T6C
222	(DE)	BITSTRING	1	JETECTYP	Copy of JDSCTYPE
223	(DF)	CHARACTER	1	JETECLAS	SYSOUT class from JDSCLASS
224	(E0)	ADDRESS	8	JETEDTAD	DOT addr for transactions
232	(E8)	SIGNED	4	JETEAVTS	Dataset available timestamp 11390S5A
236	(EC)	BITSTRING	1	JETEFLG2	Flag byte 2
		1...		JETERTND	"X'80'" Data set info returned
		.1..		JETEF240	"X'40'" Reserved for IBM
		..1.		JETEF220	"X'20'" Reserved for IBM
		...1		JETEF210	"X'10'" Reserved for IBM
		.... 1...		JETEF208	"X'08'" Reserved for IBM
		.... .1..		JETEF204	"X'04'" Reserved for IBM
		.... ..1.		JETEF202	"X'02'" Reserved for IBM
		1		JETEF201	"X'01'" Reserved for IBM
237	(ED)	BITSTRING	1	JETERSV2	Reserved for IBM

Table 357. Structure JETESTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
238	(EE)	SIGNED	2	JETESTEP	Step number from JDSSTEP
240	(F0)	SIGNED	4	JETERSV3(4)	Reserved for IBM
240	(F0)	X'100'	0	JETEEND	"*" End of JET data set section
240	(F0)	X'100'	0	JETESIZE	"JETEEND-JETESTRT" Size of JET data set section

Table 358. Cross Reference for IATYJET

Name	Offset	Hex Tag
JETCVER	6	1
JETEAVTS	E8	
JETEBYTE	D8	0
JETECLAS	DF	
JETECLSP	DD	80
JETECTYP	DE	
JETEDDNM	28	40404040
JETEDSNA	8	40404040
JETEDSNO	38	40404040
JETEDTAD	E0	
JETEEND	F0	100
JETEFDB	9C	
JETEFLG1	DD	
JETEFLG2	EC	
JETEF201	EC	1
JETEF202	EC	2
JETEF204	EC	4
JETEF208	EC	8
JETEF210	EC	10
JETEF220	EC	20
JETEF240	EC	40
JETEINTR	DD	40
JETEJBNM	10	40404040
JETEJESL	DD	10
JETEJSBJ	DD	2
JETELINE	90	0
JETEOFST	0	0
JETEPAGE	94	0
JETEPRCN	18	40404040
JETERECD	98	0
JETERECF	DC	
JETERSV2	ED	
JETERSV3	F0	
JETERTND	EC	80
JETESECT	40	
JETESIZE	F0	100
JETESPIN	DD	8
JETESTEP	EE	

Table 358. Cross Reference for IATYJET (continued)

Name	Offset	Hex Tag
JETESTKV	DD	1
JETESTPN	20	40404040
JETESTRT	0	
JETESYIN	DD	20
JETETAFD	BC	
JETETRAN	DD	4
JETEUSER	30	40404040
JETEVLID	4	0
JETHEND	8	
JETHSIZE	8	8
JETIVER	6	1
JETLRECL	2	0
JETNAME	0	D1C5E340
JETRSVD	7	0
JETSTART	0	
JETVER	6	
JET0JDS	4	0

IATYJLSI information

IATYJLSI heading information

Common name: JESLOG (JESMSGLG/JESYSMSG) Spinoff SRB/IRB Parameter List

Macro ID: IATYJLSI

DSECT name: JSISTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Auxiliary Storage: N/A
Subpool: 231 *0079

Size: JSISIZE for the command function *0079
JSICSIZE for the connect function *0079

Created by: IATGRWM for the command function *0079
IATMSR1 for the connect function *0079

Pointed to by: IATGRWM mainline register *0079
MEMEJLSI for the connect function *0079

Serialization: NONE

Function: This data area maps the parameter list used in the scheduling of the SRB and IRB routines in response to a '*F J=xx SPIN' command or during connect processing *0079 to a down-level global. *0079

IATYJLSI mapping

Table 359. Structure JSISTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JSISTART	
0	(0)	CHARACTER	8	JSIID	Work area identifier

Table 359. Structure JSISTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		The following fields are set by the module issuing the IEAMSCHD macro to create the SRB that is to process the JESlog spinoff request.			
8	(8)	ADDRESS	4	JSIMEM	MEM address
12	(C)	SIGNED	4	JSIASID	ASID of user
16	(10)	CHARACTER	8	JSIJNAM	Job name of job for spinoff
24	(18)	BITSTRING	8	JSIJNUM	Job number (EBCDIC)
32	(20)	BITSTRING	8	JSIATKN	STOKEN
40	(28)	BITSTRING	16	JSITTKN	Task (TCB) token
56	(38)	ADDRESS	4	JSISRBA	SRB routine address
60	(3C)	ADDRESS	4	JSIRMTRA	RMTR address for SRB 0079
64	(40)	ADDRESS	4	JSIGRSP	IATYGRSP address 15606T6A
72	(48)	DBL WORD	8	JSIGENW	General work area
80	(50)	SIGNED	4	JSIRSVD1(4)	Reserved for IBM
		The following fields are set by the SRB routine processing the JESlog spinoff request.			
96	(60)	ADDRESS	4	JSITCB	TCB address
100	(64)	ADDRESS	4	JSIJTCB	Job Step TCB address
104	(68)	ADDRESS	4	JSIIRBA	IRB routine address
108	(6C)	SIGNED	4	JSIRSVD2(4)	Reserved for IBM
		The following fields are used by all users of this parameter list.			
124	(7C)	BITSTRING	1	JSISTFL	Status flags
		1...		JSIST80	"X'80'" Reserved
		.1..		JSIRECS	"X'40'" Recursive abend
		..1.		JSIST20	"X'20'" Reserved
		...1		JSIST10	"X'10'" Reserved
		.... 1...		JSIST08	"X'08'" Reserved
		.... .1..		JSIST04	"X'04'" Reserved
		.... ..1.		JSIST02	"X'02'" Reserved
		1		JSIST01	"X'01'" Reserved
125	(7D)	BITSTRING	3	JSIRSV2	Reserved for IBM 0079
		Start of list area. 0 SCHEDIRB MF=(L,JSISIRB) 0 MACDATE -12/16/94-<0>			
128	(80)	SIGNED	2	M00M0002(0)	SCHEDIRB-0
128	(80)	DBL WORD	8	JSISIRB(0)	++ SCHEDIRB PARM LIST
128	(80)	BITSTRING	1	JSISIRB_XVERSION	++ INPUT XVERSION
129	(81)	BITSTRING	1	JSISIRB_XFLAGS	++ FIELD_LABEL
		1...		JSISIRB_XMODE_PROB	"B'10000000'" ++ XMODE.PROB KEYWORD
		.1..		JSISIRB_XKEY_PROP	"B'01000000'" ++ XKEY.PROP KEYWORD
		..1.		JSISIRB_XSVAREA_YES	"B'00100000'" ++ XSVAREA.YES KEYWORD
130	(82)	CHARACTER	2	JSISIRB_XRSV0002	++ RESERVED XRSV0002
132	(84)	ADDRESS	4	JSISIRB_XEPPTR	++ XEPPTR

Table 359. Structure JSISTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
136	(88)	ADDRESS	4	JSISIRB_XTCBPTR	++ XTCBPTR
140	(8C)	ADDRESS	4	JSISIRB_XRBPTR	++ XRBPTR
144	(90)	ADDRESS	4	JSISIRB_XPARAMPTR	++ XPARAMPTR
148	(94)	ADDRESS	4	JSISIRB_XIQEPTR	++ XIQEPTR
148	(94)	X'18'	0	JSISIRBL	"*-JSISIRB" ++ LENGTH OF PLIST
				SCHEDIRB-0	
		IEAMSCHD MF=(L,JSISMSC) 0 MACDATE -09/26/18-<4>			
0	(0)	X'98'	0	M00M0005	"JSISMSC" ++ IEAMSCHD NAME
152	(98)	DBL WORD	8	JSISMSC(0)	++ IEAMSCHD PARM LIST
152	(98)	BITSTRING	1	JSISMSC_XVERSION	++ INPUT XVERSION
153	(99)	BITSTRING	1	JSISMSC_XFLAG1	++ FIELD_LABEL
		.... 1...		JSISMSC_XENV_STOKEN	"B'00001000'" ++ XENV.STOKEN KEYWORD
		.... .1..		JSISMSC_XENV_FULLXM	"B'00000100'" ++ XENV.FULLXM KEYWORD
		.... ..1.		JSISMSC_XENV_PRIMARY	"B'00000010'" ++ XENV.PRIMARY KEYWORD
		1		JSISMSC_XENV_HOME	"B'00000001'" ++ XENV.HOME KEYWORD
154	(9A)	BITSTRING	1	JSISMSC_XFLAG2	++ FIELD_LABEL
		1...		JSISMSC_XTRANSFER_YES	"B'10000000'" ++ XTRANSFER.YES KEYWORD
		.1..		JSISMSC_KEYUSED_SRBIDTOKEN	"B'01000000'" ++ KEYUSED.SRBIDTOKEN KEYWORD
		..1.		JSISMSC_KEYUSED_DUALPOOLTOKEN	"B'00100000'" ++ KEYUSED.DUALPOOLTOKEN KEYWORD
		...1		JSISMSC_XSYNCH_YES	"B'00010000'" ++ XSYNCH.YES KEYWORD
		.... 1...		JSISMSC_KEYUSED_KEYVALUE	"B'00001000'" ++ KEYUSED.KEYVALUE KEYWORD
		.... .1..		JSISMSC_XLLOCK_YES	"B'00000100'" ++ XLLOCK.YES KEYWORD
		.... ..1.		JSISMSC_XFEATURE_CPMASK	"B'00000010'" ++ XFEATURE.CPMASK KEYWORD
		1		JSISMSC_XFEATURE_CRYPTO	"B'00000001'" ++ XFEATURE.CRYPTO KEYWORD
155	(9B)	BITSTRING	1	JSISMSC_XFLAG3	++ FIELD_LABEL
		..1.		JSISMSC_XPRIORITY_CLIENT	"B'00100000'" ++ XPRIORITY.CLIENT KEYWORD
		...1		JSISMSC_XPRIORITY_ENCLAVE	"B'00010000'" ++ XPRIORITY.ENCLAVE KEYWORD
		.... 1...		JSISMSC_XPRIORITY_PREEMPT	"B'00001000'" ++ XPRIORITY.PREEMPT KEYWORD
		.... .1..		JSISMSC_XPRIORITY_CURRENT	"B'00000100'" ++ XPRIORITY.CURRENT KEYWORD
		.... ..1.		JSISMSC_XPRIORITY_GLOBAL	"B'00000010'" ++ XPRIORITY.GLOBAL KEYWORD
		1		JSISMSC_XPRIORITY_LOCAL	"B'00000001'" ++ XPRIORITY.LOCAL KEYWORD
156	(9C)	ADDRESS	4	JSISMSC_XEPADDR	++
160	(A0)	BITSTRING	8	JSISMSC_XTARGETSTOKEN	++
168	(A8)	CHARACTER	8	JSISMSC_XENCLAVETOKEN	++
176	(B0)	BITSTRING	1	JSISMSC_XMINORPRIORITY	++
177	(B1)	BITSTRING	1	JSISMSC_XKEYVALUE	++

Table 359. Structure JSISTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
178	(B2)	BITSTRING	2	JSISMSC_XCPUMASK	++
180	(B4)	SIGNED	4	JSISMSC_XPARM	++
184	(B8)	ADDRESS	4	JSISMSC_XFRRADDR	++
188	(BC)	ADDRESS	4	JSISMSC_XRMTRADDR	++
192	(C0)	BITSTRING	8	JSISMSC_XPURGESTOKEN	++
200	(C8)	ADDRESS	4	JSISMSC_XPTCBADDR	++
204	(CC)	BITSTRING	8	JSISMSC_XCLIENTSTOKEN	++
204	(CC)	X'D4'	0	JSISMSC_PL_END	"*" ++ END OF BASE PLIST
184	(B8)	CHARACTER	3	JSISMSC_XRSV0001	++ RESERVED
187	(BB)	BITSTRING	1	JSISMSC_XFRRFLAG	++ FIELD_LABEL
		1		JSISMSC_XSDWALOC31_YES	"B'00000001'" ++ XSDWALOC31.YES KEYWORD
212	(D4)	X'3C'	0	JSISMSCL	"*-JSISMSC" ++ LENGTH OF PLIST
				IEAMSCHD-4	
SITCBT TCBTOKEN MF=L MACDATE = 04/03/89					
212	(D4)	SIGNED	4	JSITCBT(0)	
212	(D4)	CHARACTER	16	(0)	TCB TOKEN (INPUT/OUTPUT)
212	(D4)	BITSTRING	8		
220	(DC)	SIGNED	4		
224	(E0)	ADDRESS	4		
228	(E4)	ADDRESS	4		ASCB ADDRESS (INPUT)
232	(E8)	SIGNED	4	(0)	FLAGS (INPUT)
232	(E8)	SIGNED	1		TYPE OF TCBTOKEN REQUEST
233	(E9)	SIGNED	3		RESERVED 0079
End of Connect Section 0					
233	(E9)	X'EC'	0	JSICEND	"*" Connect section end 0079
233	(E9)	X'EC'	0	JSICSIZE	"JSICEND-JSISTART" Connect JSI size 0079
SIWCNDB IATYCNDB DSECT=NO Calling console dest block IATYCNDB_1:;					
236	(EC)	SIGNED	4	JSICNDB(0)	IATYCNDB.27: based variable for storage mapping
236	(EC)	SIGNED	4		Four byte console id 0176
240	(F0)	CHARACTER	4		IATYCNDB eyecatcher
244	(F4)	ADDRESS	4		IATYCNDB version
248	(F8)	BITSTRING	8		Reserved for development
256	(100)	BITSTRING	8		Console Name 0176
264	(108)	BITSTRING	24		Reserved for development
288	(120)	SIGNED	2		Reserved for development
290	(122)	BITSTRING	40		Reserved for development
332	(14C)	SIGNED	4	(0)	
332	(14C)	BITSTRING	4	JSICNID	Console ID parm/work area
336	(150)	BITSTRING	1	JSICART	CART MACDATE -94/10/04-<3>
0	(0)	X'158'	0	M00M0008	"JSIXCNB" ++ IATXCNDB NAME

Table 359. Structure JSISTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
344	(158)	DBL WORD	8	JSIXCNB(0)	++ IATXCNDB PARM LIST
344	(158)	BITSTRING	1	JSIXCNB_XVERSION	++ INPUT XVERSION
345	(159)	CHARACTER	6	JSIXCNB_XEYECATCH	++ CONSTANT
351	(15F)	BITSTRING	2	JSIXCNB_XFLAG1	++ FIELD_LABEL
351	(15F)	BITSTRING	0	JSIXCNB_XOPERATION_INITIALIZE	
					"B'1000000000000000'" ++ XOPERATION.INITIALIZE KEYWORD
351	(15F)	BITSTRING	0	JSIXCNB_XOPERATION_TRANSFER	
					"B'0100000000000000'" ++ XOPERATION.TRANSFER KEYWORD
351	(15F)	BITSTRING	0	JSIXCNB_XOPERATION_UPDATE	"B'0010000000000000'" ++ XOPERATION.UPDATE KEYWORD
351	(15F)	BITSTRING	0	JSIXCNB_XOPERATION_RESET	"B'0001000000000000'" ++ XOPERATION.RESET KEYWORD
351	(15F)	BITSTRING	0	JSIXCNB_XOPERATION_VERIFY	"B'0000100000000000'" ++ XOPERATION.VERIFY KEYWORD
351	(15F)	BITSTRING	0	JSIXCNB_XOPERATION_TRANSCONSID	
					"B'0000010000000000'" ++ XOPERATION.TRANSCONSID KEYWORD
351	(15F)	BITSTRING	0	JSIXCNB_XOPERATION_TRANSROUT	
					"B'0000001000000000'" ++ XOPERATION.TRANSROUT KEYWORD
351	(15F)	BITSTRING	0	JSIXCNB_XOPERATION_EXTRACTCONSID	
					"B'0000000100000000'" ++ XOPERATION.EXTRACTCONSID KEYWORD
		1...		JSIXCNB_XOPERATION_EXTRACTCONSNAME	
					"B'0000000010000000'" ++ XOPERATION.EXTRACTCONSNAME KEYWOR
		.1..		JSIXCNB_XOPERATION_EXTRACTCONSTYPE	
					"B'0000000001000000'" ++ XOPERATION.EXTRACTCONSTYPE KEYWOR
		..1.		JSIXCNB_XOPERATION_EXTRACTROUT	
					"B'0000000000100000'" ++ XOPERATION.EXTRACTROUT KEYWORD
		...1		JSIXCNB_XOPERATION_EXTRACTCART	
					"B'0000000000010000'" ++ XOPERATION.EXTRACTCART KEYWORD
353	(161)	BITSTRING	1	JSIXCNB_XABEND	++ INPUT
		1...		JSIXCNB_XABEND_YES	"B'10000000'" ++ XABEND.YES KEYWORD
		.1..		JSIXCNB_XABEND_NO	"B'01000000'" ++ XABEND.NO KEYWORD
354	(162)	BITSTRING	1	JSIXCNB_XUSERADDR	++ FIELD_LABEL
355	(163)	CHARACTER	1	JSIXCNB_XRSV001	++ RESERVED
356	(164)	ADDRESS	4	JSIXCNB_XCNDB	++
360	(168)	ADDRESS	4	JSIXCNB_XOUTCNDB	++
364	(16C)	ADDRESS	4	JSIXCNB_XINCNDB	++
368	(170)	ADDRESS	4	JSIXCNB_XCONSNM	++
372	(174)	ADDRESS	4	JSIXCNB_XCONSID	++
376	(178)	ADDRESS	4	JSIXCNB_XOUTCONSID	++
380	(17C)	CHARACTER	2	JSIXCNB_XRSV002	++ RESERVED
382	(17E)	BITSTRING	1	JSIXCNB_XFLAG2	++ FIELD_LABEL

Table 359. Structure JSISTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		JSIXCNB_XCMDIND_YES	"B'10000000'" ++ XCMDIND.YES KEYWORD
		.1..		JSIXCNB_XCMDIND_NO	"B'01000000'" ++ XCMDIND.NO KEYWORD
383	(17F)	BITSTRING	1	JSIXCNB_XKEYS	++ FIELD_LABEL
		1...		JSIXCNB_KEYUSED_CMDIND	"B'10000000'" ++ KEYUSED.CMDIND KEYWORD
384	(180)	ADDRESS	4	JSIXCNB_XROUT	++
388	(184)	ADDRESS	4	JSIXCNB_XCART	++
392	(188)	ADDRESS	4	JSIXCNB_XOUTCONSNAME	++
396	(18C)	ADDRESS	4	JSIXCNB_XOUTCONSTYPE	++
400	(190)	ADDRESS	4	JSIXCNB_XOUTROUT	++
404	(194)	ADDRESS	4	JSIXCNB_XOUTCART	++
404	(194)	X'40'	0	JSIXCNBL	"*-JSIXCNB" ++ LENGTH OF PLIST
		IATXCNDB-3 THIS LINE DELETED BY APAR OA08996 15606T6D			
408	(198)	ADDRESS	4	JSIFRRPA	FRR parameter address 15606T6C
412	(19C)	SIGNED	4	JSIWTO(0)	
412	(19C)	ADDRESS	2		TEXT LENGTH
414	(19E)	BITSTRING	2		MCSFLAGS
416	(1A0)	ADDRESS	4		MESSAGE TEXT ADDRESS
420	(1A4)	ADDRESS	1		VERSION LEVEL
421	(1A5)	BITSTRING	1		MISCELLANEOUS FLAGS
422	(1A6)	ADDRESS	1		REPLY LENGTH
423	(1A7)	ADDRESS	1		LENGTH OF WPX
424	(1A8)	BITSTRING	2		EXTENDED MCS FLAGS
426	(1AA)	ADDRESS	2		RESERVED
428	(1AC)	ADDRESS	4		REPLY BUFFER ADDRESS
432	(1B0)	ADDRESS	4		REPLY ECB ADDRESS
436	(1B4)	ADDRESS	4		CONNECT ID
440	(1B8)	BITSTRING	2		DESCRIPTOR CODES
442	(1BA)	ADDRESS	2		RESERVED
444	(1BC)	BITSTRING	16		
460	(1CC)	BITSTRING	2		MESSAGE TYPE
462	(1CE)	ADDRESS	2		MESSAGE'S PRIORITY
464	(1D0)	CHARACTER	8		JOB ID
472	(1D8)	CHARACTER	8		JOB NAME
480	(1E0)	CHARACTER	8		RETRIEVAL KEY
488	(1E8)	ADDRESS	4		TOKEN FOR DOM
492	(1EC)	ADDRESS	4		CONSOLE ID
496	(1F0)	CHARACTER	8		SYSTEM NAME
504	(1F8)	CHARACTER	8		CONSOLE NAME
512	(200)	ADDRESS	4		REPLY CONSOLE NAME/ID ADDR
516	(204)	ADDRESS	4		CART ADDRESS
520	(208)	ADDRESS	4		WSPARM ADDRESS
520	(208)	X'70'	0	JSIWTOZ	"*-JSIWTO" WTO parameter list size

Table 359. Structure JSISTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
524	(20C)	ADDRESS	2	JSIMSG	IAT8147/IAT8148 msg area
526	(20E)	CHARACTER	45		
571	(23B)	CHARACTER	8		Job name
579	(243)	CHARACTER	2		
581	(245)	CHARACTER	8		Job id
589	(24D)	CHARACTER	2		
591	(24F)	CHARACTER	15		
		Reason code equates for message IAT8148			
		.... .1..		JSIR4804	"X'04'" 'NOT IN EXECUTION (NO RSQ)'
		.... 1...		JSIR4808	"X'08'" 'NOT IN EXECUTION (NO MPC)'
		.... 11..		JSIR480C	"X'0C'" 'NOT SPIN ELIGIBLE'
		...1		JSIR4810	"X'10'" 'NOT IN EXECUTION'
		...1 .1..		JSIR4814	"X'14'" 'NOT IN EXECUTION (NO MEM)'
		...1 1...		JSIR4818	"X'18'" 'NO JLSI STORAGE'
		...1 11..		JSIR481C	"X'1C'" 'SRB FAILURE'
		..1.		JSIR4820	"X'20'" 'IRB FAILURE'
		..1. .1..		JSIR4824	"X'24'" 'IEAMSCHD was unsuccessful'
608	(260)	SIGNED	4	JSIRSVD3(4)	Reserved for IBM
		End of command section. 0			
608	(260)	X'270'	0	JSIEND	"*" End of JSI
608	(260)	X'270'	0	JSISIZE	"JSIEND-JSISTART" Size of JSI
		IATYJLSI PREVIOUSLY GENERATED			

Table 360. Cross Reference for IATYJLSI

Name	Offset	Hex Tag
JSIASID	C	0
JSIATKN	20	0
JSICART	150	
JSICEND	E9	EC
JSICNDB	EC	
JSICNID	14C	
JSICSIZE	E9	EC
JSIEND	260	270
JSIFRRPA	198	
JSIGENW	48	
JSIGRSP	40	
JSIID	0	C9C1E3E8
JSIIRBA	68	
JSIJNAM	10	40404040
JSIJNUM	18	0
JSIJTCB	64	
JSIMEM	8	

Table 360. Cross Reference for IATYJLSI (continued)

Name	Offset	Hex Tag
JSIMSG	20C	
JSIRECS	7C	40
JSIRMTRA	3C	
JSIRSVD1	50	0
JSIRSVD2	6C	0
JSIRSVD3	260	0
JSIRSV2	7D	0
JSIR480C	24F	C
JSIR4804	24F	4
JSIR4808	24F	8
JSIR481C	24F	1C
JSIR4810	24F	10
JSIR4814	24F	14
JSIR4818	24F	18
JSIR4820	24F	20
JSIR4824	24F	24
JSISIRB	80	
JSISIRB_XEPPTR	84	
JSISIRB_XFLAGS	81	
JSISIRB_XIQEPTR	94	
JSISIRB_XKEY_PROP	81	40
JSISIRB_XMODE_PROB	81	80
JSISIRB_XPARAMPTR	90	
JSISIRB_XRBPTR	8C	
JSISIRB_XRSV0002	82	
JSISIRB_XSVAREA_YES	81	20
JSISIRB_XTCBPTR	88	
JSISIRB_XVERSION	80	
JSISIRBL	94	18
JSISIZE	260	270
JSISMSC	98	
JSISMSC_KEYUSED_DUALPOOLTOKEN	9A	20
JSISMSC_KEYUSED_KEYVALUE	9A	8
JSISMSC_KEYUSED_SRBIDTOKEN	9A	40
JSISMSC_PL_END	CC	D4
JSISMSC_XCLIENTSTOKEN	CC	
JSISMSC_XCPUMASK	B2	
JSISMSC_XENCLAVETOKEN	A8	
JSISMSC_XENV_FULLXM	99	4
JSISMSC_XENV_HOME	99	1
JSISMSC_XENV_PRIMARY	99	2
JSISMSC_XENV_STOKEN	99	8
JSISMSC_XEPADDR	9C	
JSISMSC_XFEATURE_CPMASK	9A	2
JSISMSC_XFEATURE_CRYPTO	9A	1
JSISMSC_XFLAG1	99	

Table 360. Cross Reference for IATYJLSI (continued)

Name	Offset	Hex Tag
JSISMSC_XFLAG2	9A	
JSISMSC_XFLAG3	9B	
JSISMSC_XFRRADDR	B8	
JSISMSC_XFRRFLAG	BB	
JSISMSC_XKEYVALUE	B1	
JSISMSC_XLLOCK_YES	9A	4
JSISMSC_XMINORPRIORITY	B0	
JSISMSC_XPARM	B4	
JSISMSC_XPRIORITY_CLIENT	9B	20
JSISMSC_XPRIORITY_CURRENT	9B	4
JSISMSC_XPRIORITY_ENCLAVE	9B	10
JSISMSC_XPRIORITY_GLOBAL	9B	2
JSISMSC_XPRIORITY_LOCAL	9B	1
JSISMSC_XPRIORITY_PREEMPT	9B	8
JSISMSC_XPTCBADDR	C8	
JSISMSC_XPURGESTOKEN	C0	
JSISMSC_XRMTRADDR	BC	
JSISMSC_XRSV0001	B8	
JSISMSC_XSDWALOC31_YES	BB	1
JSISMSC_XSYNCH_YES	9A	10
JSISMSC_XTARGETSTOKEN	A0	
JSISMSC_XTRANSFER_YES	9A	80
JSISMSC_XVERSION	98	
JSISMSCL	D4	3C
JSISRBA	38	
JSISTART	0	
JSISTFL	7C	0
JSIST01	7C	1
JSIST02	7C	2
JSIST04	7C	4
JSIST08	7C	8
JSIST10	7C	10
JSIST20	7C	20
JSIST80	7C	80
JSITCB	60	
JSITCBT	D4	
JSITTKN	28	0
JSIWTO	19C	
JSIWTOZ	208	70
JSIXCNB	158	
JSIXCNB_KEYUSED_CMDIND	17F	80
JSIXCNB_XABEND	161	
JSIXCNB_XABEND_NO	161	40
JSIXCNB_XABEND_YES	161	80
JSIXCNB_XCART	184	
JSIXCNB_XCMDIND_NO	17E	40

Table 360. Cross Reference for IATYJLSI (continued)

Name	Offset	Hex Tag
JSIXCNB_XCMDIND_YES	17E	80
JSIXCNB_XCNDB	164	
JSIXCNB_XCONSID	174	
JSIXCNB_XCONSNM	170	
JSIXCNB_XEYECATCH	159	
JSIXCNB_XFLAG1	15F	
JSIXCNB_XFLAG2	17E	
JSIXCNB_XINCNDB	16C	
JSIXCNB_XKEYS	17F	
JSIXCNB_XOPERATION_EXTRACTCART	0	10
JSIXCNB_XOPERATION_EXTRACTCONSID	15F	100
JSIXCNB_XOPERATION_EXTRACTCONSNAME	15F	80
JSIXCNB_XOPERATION_EXTRACTCONSTYPE	0	40
JSIXCNB_XOPERATION_EXTRACTROUT	0	20
JSIXCNB_XOPERATION_INITIALIZE	15F	8000
JSIXCNB_XOPERATION_RESET	15F	1000
JSIXCNB_XOPERATION_TRANSCONSID	15F	400
JSIXCNB_XOPERATION_TRANSFER	15F	4000
JSIXCNB_XOPERATION_TRANSROUT	15F	200
JSIXCNB_XOPERATION_UPDATE	15F	2000
JSIXCNB_XOPERATION_VERIFY	15F	800
JSIXCNB_XOUTCART	194	
JSIXCNB_XOUTCNDB	168	
JSIXCNB_XOUTCONSID	178	
JSIXCNB_XOUTCONSNAME	188	
JSIXCNB_XOUTCONSTYPE	18C	
JSIXCNB_XOUTROUT	190	
JSIXCNB_XROUT	180	
JSIXCNB_XRSV001	163	
JSIXCNB_XRSV002	17C	
JSIXCNB_XUSERADDR	162	
JSIXCNB_XVERSION	158	
JSIXCNBL	194	40
M00M0002	80	
M00M0005	0	98
M00M0008	0	158

IATYJLSP information

IATYJLSP heading information

Common name: JESLOG (JESMSGLG/JESYSMSG) Spinoff Staging Area Parameter List

Macro ID: IATYJLSP

DSECT name: JSPSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes:	Auxiliary Storage: N/A Subpool: 0
Size:	JSPSIZE
Created by:	IATJLSP
Pointed to by:	IATJLSP mainline register
Serialization:	NONE
Function:	This data area maps the staging area request/reply area used for JESMSGLG and JESYSMSG datasets.

IATYJLSP mapping

Table 361. Structure JSPSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JSPSTART	
0	(0)	SIGNED	2	JSPREQLN	Length of JSP
2	(2)	CHARACTER	8	JSPID	Control block identifier
10	(A)	ADDRESS	1	JSPVER	JSP version
10	(A)	X'1'	0	JSPIVER	"1" Initial version number
10	(A)	X'1'	0	JSPCVER	"JSPIVER" Current version number
11	(B)	BITSTRING	1	JSPRSVD1	Reserved for development
16	(10)	DBL WORD	8	JSPCONA(2)	Hex conversion work area
32	(20)	SIGNED	4	JSPCONB	for new JDS dataset number
36	(24)	ADDRESS	4	JSPJIBAD	Address of JIB (save area)
40	(28)	ADDRESS	4	JSPMEMAD	MEM entry address
44	(2C)	SIGNED	4	JSPDSNUM	New dataset number
48	(30)	SIGNED	4	JSPRSVD2(6)	Reserved for IBM
72	(48)	BITSTRING	1	JSPRETNC	Return code from JES3 Global
72	(48)	X'0'	0	JSPRETOK	"0" OK return code
72	(48)	X'4'	0	JSPRETER	"4" Error return code
73	(49)	BITSTRING	1	JSPFLAG1	Flag 1
		Flag 1 NOTE: The below flag definition must match that of flag byte DSSFLAG7 in IATYDSS.			
		1...		JSPJMREQ	"X'80'" Request is for JESMSGLG
		.1..		JSPSMREQ	"X'40'" Request is for JESYSMSG
		..1.		JSPLINRQ	"X'20'" Request is for line count
		...1		JSPTINRQ	"X'10'" Request is for time interval
		.... 1...		JSPTODRQ	"X'08'" Request is for time of day
		.... .1..		JSPCMDRQ	"X'04'" Request is for op command
		.... ..1.		JSPFL102	"X'02'" Reserved for IBM
		1		JSPFL101	"X'01'" Reserved for IBM
74	(4A)	BITSTRING	2	JSPRSVD3	Reserved for IBM
		Spool control block.			
76	(4C)	BITSTRING	1	JSPNSFDB	New spool address for JESMSGLG/ JESYSMSG
		Work area to build new JDS entry.			

Table 361. Structure JSPSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
82	(52)	BITSTRING	328	JSPJDSWA	JDS work area below HJS7760
410	(19A)	BITSTRING	2	JSPRSVD4	Reserved for development
412	(19C)	SIGNED	2	(0)	Alignment
412	(19C)	BITSTRING	16	JSPTCLK	MVS TIME service data area
412	(19C)	SIGNED	4	JSPTIME1	Word 1 of TIME
416	(1A0)	SIGNED	4	JSPTIME2	Word 2 of TIME
420	(1A4)	SIGNED	4	JSPDATE	Current date
424	(1A8)	SIGNED	4	JSPTIME4	Unused
428	(1AC)	BITSTRING	8	JSPSTCK	STCK work area
,JSPTIMEL TIME LINKAGE=SYSTEM,MF=L MACDATE 02/15/04					
436	(1B4)	SIGNED	4	JSPTIMEL(0)	
436	(1B4)	BITSTRING	28		
,JSPCTODL CONVTOD MF=L MACDATE 05/30/98					
436	(1B4)	SIGNED	4	JSPCTODL(0)	
436	(1B4)	BITSTRING	32		
468	(1D4)	SIGNED	4	JSPREGSV(15)	Register save area
528	(210)	SIGNED	4	JSPRSVD5(6)	Reserved for IBM
552	(228)	ADDRESS	1	JSPM8148	IAT8148 msg area
553	(229)	CHARACTER	45	JSP8148B	
598	(256)	CHARACTER	8	JSP8148N	Job name
606	(25E)	CHARACTER	2		
608	(260)	CHARACTER	8	JSP8148I	Job id
616	(268)	CHARACTER	2		
618	(26A)	CHARACTER	15		
618	(26A)	X'279'	0	JSP4148E	"*"
End of data area.					
618	(26A)	X'279'	0	JSPEND	"*" End of JSP
618	(26A)	X'279'	0	JSPSIZE	"JSPEND-JSPSTART" Size of JSP
IATYJLSP PREVIOUSLY GENERATED					

Table 362. Cross Reference for IATYJLSP

Name	Offset	Hex Tag
JSPCMDRQ	49	4
JSPCONA	10	0
JSPCONB	20	
JSPCTODL	1B4	
JSPCVER	A	1
JSPDATE	1A4	0
JSPDSNUM	2C	0
JSPEND	26A	279

Table 362. Cross Reference for IATYJLSP (continued)

Name	Offset	Hex Tag
JSPFLAG1	49	0
JSPFL101	49	1
JSPFL102	49	2
JSPID	2	C9C1E3E8
JSPIVER	A	1
JSPJDSWA	52	
JSPJIBAD	24	
JSPJMREQ	49	80
JSPLINRQ	49	20
JSPMEMAD	28	
JSPM8148	228	
JSPNSFDB	4C	0
JSPREGSV	1D4	0
JSPREQLN	0	
JSPRETER	48	4
JSPRETNC	48	0
JSPRETOK	48	0
JSPRSVD1	B	0
JSPRSVD2	30	0
JSPRSVD3	4A	0
JSPRSVD4	19A	0
JSPRSVD5	210	0
JSPSIZE	26A	279
JSPSMREQ	49	40
JSPSTART	0	
JSPSTCK	1AC	
JSPTCLK	19C	
JSPTIMEL	1B4	
JSPTIME1	19C	0
JSPTIME2	1A0	0
JSPTIME4	1A8	0
JSPTINRQ	49	10
JSPTODRQ	49	8
JSPVER	A	
JSP4148E	26A	279
JSP8148B	229	C9C1E3F8
JSP8148I	260	40404040
JSP8148N	256	40404040

IATYJMQ information

IATYJMQ heading information

Common name: DUMMY CONTROL SECTION FOR THE JESMSG QUEUE CONTROL AREA AND JESMSG QUEUE ENTRIES

Macro ID: IATYJMQ

DSECT name: IATYMJQ, JMQENTRY

Owning component: JES3 (SC1BA)

Eye-catcher ID: JMQ
Offset: 0
Length: 3

Storage attributes: Subpool: JESPOOL
Key: JES Key
Residency: Below 16M

Size: JMQASIZE - 210 Bytes
JMQESIZE - 188 Bytes
MAX Entry Number - 597 Bytes

Created by: IATINC2

Pointed to by: TVTJMQA field of the TVT data area

Serialization: NONE

Function: Maintains a queue of pending asynchronous JESMSG requests.
Requests are placed on this queue by module IATGRJM for the following JESMSG conditions:
(1) JESMSG TYPE=ASYNCH request
(2) a non-JESMSG TYPE=ASYNCH request when JESMSGLG processing is locked
The entries on the queue are removed after the JESMSGLG dataset has been updated with the JESMSG text.

IATYJMQ mapping

Table 363. Structure IATYJMQ

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATYJMQ	
0	(0)	CHARACTER	3	JMQAID	EYECATCHER TO VERIFY STORAGE
3	(3)	BITSTRING	1	JMQAFL1	CON/SDM SUPPORT STATUS FLAGS
		1...		JMQAFL1A	"X'80'" JESMSG ASYNCH HAS FAILED
		.1..		JMQAFL1B	"X'40'" RJP SPOOLING HAS FAILED
		..1.		JMQAFL1C	"X'20'" JMQCELL SHORTAGE
4	(4)	BITSTRING	1	JMQRSVD	RESERVED FOR DEVELOPMENT
5	(5)	BITSTRING	1	JMQRSVS	RESERVED FOR SERVICE
6	(6)	BITSTRING	1	JMQRSVU	RESERVED FOR USER
8	(8)	ADDRESS	4	JMQFIRST	FIRST JMQ ENTRY ADDRESS
12	(C)	ADDRESS	4	JMQMSCPB	Message cellpool c.b. address
16	(10)	ADDRESS	4	JMQRETRY	RETRY ADDRESS FOR JESTAE
20	(14)	ADDRESS	4	JMQRSVD1	RESERVED FOR DEVELOPMENT
24	(18)	ADDRESS	4	JMQRSVS1	RESERVED FOR SERVICE
28	(1C)	ADDRESS	4	JMQRSVU1	RESERVED FOR USER
32	(20)	DBL WORD	8	(0)	ROUND UP TO DWORD MULTIPLE
32	(20)	X'20'	0	JMQASIZE	"*-IATYJMQ" SIZE OF Q AREA IN BYTES

Table 364. Structure JMQENTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JMQENTRY	
0	(0)	SIGNED	2	JMQELEN	JMQ entry length - this two byte length field is required for JSERV processing
2	(2)	SIGNED	2	JMQERSV1	Reserved for IBM
4	(4)	CHARACTER	4	JMQEID	JMQ entry eyecatcher

Table 364. Structure JMQENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
8	(8)	ADDRESS	4	JMQEJNXT	Next JMQ entry on job chain
12	(C)	ADDRESS	4	JMQEJPRV	Previous JMQ entry on job chain
16	(10)	ADDRESS	4	JMQEMNXT	Next JMQ entry for this job
20	(14)	ADDRESS	4	JMQEMPRV	Previous JMQ entry for this job
24	(18)	CHARACTER	8	JMQEMNAM	Main the job is running on
32	(20)	BITSTRING	16	JMQEUSID(0)	Job/user identifier
32	(20)	CHARACTER	8	JMQEJNAM	Jobname of message issuer
40	(28)	CHARACTER	8	JMQEJID	Job id of message issuer 0104
JMQEFLG1 0					
48	(30)	BITSTRING	1	JMQEFLG1	JMQ entry flag
		1...		JMQEGLSW	"X'80'" JESMSG was written on global 0104 job's JMQ chain
		.1..		JMQEGLBU	"X'40'" JESMSG is to be updated in global
		..1.		JMQEGLMW	"X'20'" JESMSG was written on global 0104 via TYPE=MULT 0104
		...1		JMQEUNLK	"X'10'" JESMSG was unlocked on global
		.... 1...		JMQEREMV	"X'08'" Remove JMQ entry from chain
		.... .1..		JMQEGTMN	"X'04'" Storage was GETMAINed
		.... ..1.		JMQEF102	"X'02'" Reserved for IBM
		1		JMQEF101	"X'01'" Reserved for IBM 0104
JMQEFLG2 0					
49	(31)	BITSTRING	1	JMQEFLG2	JMQ entry flag2
		1...		JMQECHNA	"X'80'" A JMQE has been added to the 0104 job's JMQ chain 0104
		.1..		JMQEFORC	"X'40'" TYPE=FORCE was specified
		..1.		JMQEF220	"X'20'" Reserved for IBM 0104
		...1		JMQEF210	"X'10'" Reserved for IBM 0104
		.... 1...		JMQEF208	"X'08'" Reserved for IBM 0104
		.... .1..		JMQEF204	"X'04'" Reserved for IBM 0104
		.... ..1.		JMQEF202	"X'02'" Reserved for IBM 0104
		1		JMQEF201	"X'01'" Reserved for IBM 0104
50	(32)	SIGNED	2	JMQEASID	ASID of job
52	(34)	BITSTRING	10	JMQEMSTS	Timestamp
52	(34)	CHARACTER	10	JMQETIME	Timestamp definition
64	(40)	SIGNED	4	JMQEJOBN	Binary job number
68	(44)	ADDRESS	1	JMQEVER	Version number
68	(44)	X'1'	0	JMQEVR01	"1" Initial version
68	(44)	X'1'	0	JMQECVER	"JMQEVR01" Current version
69	(45)	BITSTRING	1	JMQETXLN	Text length for JESMSG 0096
70	(46)	BITSTRING	120	JMQETEXT	120 BYTE JESMSG TEXT BUFFER
70	(46)	X'46'	0	JMQETIMP	"JMQETEXT,16" TIME service parameter list
70	(46)	X'46'	0	JMQETMTM	"JMQETEXT,4" Time in packed decimal
70	(46)	X'4A'	0	JMQEUNPK	"JMQETEXT+4,7" Time in (zoned) HHMMSST

Table 364. Structure JMQENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
70	(46)	X'4E'	0	JMQETMDT	"JMQETEXT+8,4" Date component
192	(C0)	ADDRESS	4	JMQEDATE	Date message added
196	(C4)	SIGNED	4	JMQERSVD	Reserved for IBM (check the version number before using this field!)
200	(C8)	SIGNED	4	(0)	SIZE MUST BE A MULTIPLE OF 4
200	(C8)	X'C8'	0	JMQESIZE	"*-JMQENTRY" SIZE OF JMQ ENTRY IN BYTES
200	(C8)	X'0'	0	JMQESPID	"0" SUBPOOL ID FOR JMQE CELLS
200	(C8)	X'FF'	0	JMQEXLIM	"255" MAX EXTENTS FOR JMQE SUBPOOL

Table 365. Cross Reference for IATYJMQ

Name	Offset	Hex Tag
IATYJMQ	0	
JMQAFL1	3	
JMQAFL1A	3	80
JMQAFL1B	3	40
JMQAFL1C	3	20
JMQAID	0	D1D4D8
JMQASIZE	20	20
JMQEASID	32	
JMQECHNA	31	80
JMQECVER	44	1
JMQEDATE	C0	
JMQEFLG1	30	
JMQEFLG2	31	
JMQEFORC	31	40
JMQEF101	30	1
JMQEF102	30	2
JMQEF201	31	1
JMQEF202	31	2
JMQEF204	31	4
JMQEF208	31	8
JMQEF210	31	10
JMQEF220	31	20
JMQEGLBU	30	40
JMQEGLMW	30	20
JMQEGLSW	30	80
JMQEGTMN	30	4
JMQEID	4	D1D4D8C5
JMQEJID	28	40404040
JMQEJNAM	20	40404040
JMQEJNXT	8	
JMQEJOBN	40	
JMQEJPRV	C	
JMQELEN	0	
JMQEMNAM	18	

Table 365. Cross Reference for IATYJMQ (continued)

Name	Offset	Hex Tag
JMQEMNXT	10	
JMQEMPRV	14	
JMQEMSTS	34	
JMQENTRY	0	
JMQEREMV	30	8
JMQERSVD	C4	
JMQERSV1	2	
JMQESIZE	C8	C8
JMQESPID	C8	0
JMQETEXT	46	
JMQETIME	34	40C8C87A
JMQETIMP	46	46
JMQETMDT	46	4E
JMQETMTM	46	46
JMQETXLN	45	
JMQEUNLK	30	10
JMQEUNPK	46	4A
JMQEUSID	20	
JMQEVER	44	
JMQEVR01	44	1
JMQEXLIM	C8	FF
JMQFIRST	8	
JMQMSCPB	C	
JMQRETRY	10	
JMQRSVD	4	
JMQRSVD1	14	
JMQRSVS	5	
JMQRSVS1	18	
JMQRSVU	6	
JMQRSVU1	1C	

IATYJMR information

IATYJMR programming interface information

IATYJMR is a programming interface.

IATYJMR heading information

Common name: JOB MANAGEMENT RECORD

Macro ID: IATYJMR

DSECT name: JMR

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Main Storage: N/A
Auxiliary Storage: JES3 SPOOL

Size: 120 Bytes

Created by:	INPUT SERVICE
Pointed to by:	The FDB is in JCTJMTFD of the Jobs JCT
Serialization:	NONE
Function:	This record is used to store the job's SMF information. The data is available to SMF User Exits and certain JES3 User Exits.

IATYJMR mapping

Table 366. Structure JMR

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JMR	
0	(0)	BITSTRING	6	JMRTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	JMRCNT	USER COUNT.
8	(8)	CHARACTER	4	JMRID	File id.
12	(C)	BITSTRING	12	JMRCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	JMRVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	JMRDATA(0)	START OF USER DATA AREA.

Table 367. Structure JMR

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JMR	

Table 367. Structure JMR (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description

```
        %JMRPRO: ;
      START OF SPECIFICATIONS
      MACRO NAME = IEFJMR
       ACRONYM = JMR
      DESCRIPTIVE NAME = Job Management Record
  01 PROPRIETARY STATEMENT=
    PROPRIETARY_STATEMENT
   LICENSED MATERIALS - PROPERTY OF IBM
   5650-ZOS COPYRIGHT IBM CORP. 1979, 2017
   STATUS= HBB77B0
    END_OF_PROPRIETARY_STATEMENT
      FUNCTION = Contains job information accummulated by
                 IBM-supplied data collection routines. It is
                 also an information source for JES and the
                 user exit routines.
  01 EXTERNAL CLASSIFICATION: PI
  01 END OF EXTERNAL CLASSIFICATION:
      NOTES =
          There is a JCL version of the JMR created by the
          Interpreter. There is also a execution or Life of
          Job version of the JMR created by SMF. The JMR
          created by SMF is the PSPI version.
          The SMF exits mention that the first 36 bytes of
          the JMR is the same as the Common Exit Parameter
          Area.
          The JMR is a part of JES2 and JES3 control
          tables. Increasing the length beyond 76 bytes
          will impact the JESes.
          Bilingual Mapping Macro (PL/S and BAL)
        DEPENDENCIES = None
        RESTRICTIONS =
   Method of Access =
   Invocation =
             BAL - SPECIFY: IEFJMR
                   To cause JMR extension to be included
                   in JMR itself, specify:
                     IEFJMR JMRESEP=N
     PL/X -
       SPECIFY %INCLUDE SYSLIB(IEFJMR)
               TO GET:
               DECLARE 1 JMR BASED(JMRPTR),
       SPECIFY %JMRATTR= 'NONE'
               %INCLUDE SYSLIB(IEFJMR)
               TO GET:
               DECLARE 1 JMR ,
       SPECIFY %JMRATTR= 'your attributes'
               %INCLUDE SYSLIB(IEFJMR)
               TO GET:
               DECLARE 1 JMR your attributes,
      DSECT NAME = JMR
      COMPONENT = Interpreter - CI (SC1B9)
      EYE CATCHER = None
       OFFSET = n/a
       LENGTH = n/a
      CREATED BY = IEFSMFIE or IEFTB721
  01 Created by (IBM use only) = Interpreter (CI)
      POINTED TO BY =
```

Table 367. Structure JMR (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description

```
      TCTJMR field of the TCT (IEFTCT) data area
  01 Pointed to by (IBM use only) =
       - JCTJMR field of the JCT data area
       - NELJMR field of the NEL data area
       - CWAJMRPT field of the CWA work area (up to SP313)
     DELETED BY = IEFTB721
     SERIALIZATION = None
     Storage Attributes =
       Subpool = 255, 236 or 237
       Key = 1
       Residency = Below
       Virtual Storage = Obtained via GETMAIN
     Size = 148 bytes (decimal)
       Frequency: 1 per job
     DISTRIBUTION LIBRARY = AMODGEN
   CHANGE ACTIVITY - G742P2J,ZA43255,ZA44646,ZA47425,H1,
                     OY08660,L1
    $H1= EXTJCL JBB2110 820702 PD43: SUPPORT FOR EXTENDED JCL
    $L1= EMVS2 HBB4410 890213 PDN3: ENTERPRISE MVS/II
    $P1= PIG1422 HBB5510 930715 PDDZ: SHOWHDR Compliance
    $P2= PUX0151 HBB6605 970819 PDRR: FIN APAR OW26717
    $L2=8CHCLASS HBB7790 110827 PDHV: 8 char jobclass
    $P3= ME22368 HBB7790 110827 PDHV: JES3 field name compat
    $L3= ME23655 HBB7790 111205 PDTA: De-CASE IEESB801
    $L4= GDGBIAS HBB77B0 160220 PDTA: GDGBIAS support
                                      W108963
      END OF SPECIFICATIONS
    C - RESTORE JMR TO ORIGINAL SIZE BY REMOVING
        FOUR BYTES FROM THE END OF THE MACRO.
    C - CHANGE STORAGE DEFINITION BY REMOVING
        DUPLICATION FACTOR AND REPLACING WITH
        A MODIFIER. (FROM XC TO CLX WHERE X =
        A NUMERIC VALUE.)
    C - PLS VERSION MODIFIED FOR COMPATIBILITY
        WITH ASSEMBLER VERSION
    A - EQUATE FOR JDT-DEFINED JCL VERB CODE
    A - JMRABCOD BIT DEFINED IN JMRFLG BYTE FOR USE
        BY JES3 TO IDENTIFY THE CONTENTS OF JES3 JMR
        FIELD JMRCONDC
    A - EQUATE FOR THE REMAINING JCL VERB CODE DEFINITIONS
    A - EQUATE FOR THE REMAINING JCL VERB CODE DEFINITIONS
    C - Changed prolog to be SHOWHDR compliant
    C - Changed description of JMRUSEID and JMREDATE.
```

```
    A - Added fields to make ASM and PLX fields consistent
      - Added JMRE - Extension for new JMR info such as 8 char
        job class and Job Correlator
    A - Updated symbols to be compatible with JES3 JMR mapping
    A - Added PL/X JMRATTR macro logic.
    A - Added JMRJFLAGS, JMRGDGBIASSTEP fields.
        %GOTO JMRBSL;
```

28	(1C)	CHARACTER	8	JMRJOB	JOB NAME
36	(24)	SIGNED	4	JMRENTRY	ENTRY TIME IN 1/100'S SEC
40	(28)	SIGNED	4	JMREDATE	ENTRY DATE 0CYYDDDF
44	(2C)	CHARACTER	4	JMRCPUID	CPU - SID AND MDL FROM SMCA
48	(30)	CHARACTER	8	JMRUSEID	User-defined identification field (taken from common exit parameter area).
56	(38)	CHARACTER	1	JMRSTEP	STEP NUMBER
56	(38)	X'39'	0	JMRLGEND	"*"
56	(38)	X'1D'	0	JMRLOGSZ	"JMRLGEND-JMRJOB" SIZE OF JOB LOG
57	(39)	CHARACTER	1	JMRINDC	INDICATOR SWITCHES 20011

```
BIT MEANINGS SAME AS JMROPT FIELD 20011
```

58	(3A)	CHARACTER	1	JMRFLG	JOB STATUS INDICATOR Y02668
		1...		JMRSTRS	"X'80'" STEP RESTART Y02668
		.1..		JMRCHRS	"X'40'" CHECKPOINT RESTART Y02668
		..1.		JMRCNRS	"X'20'" CONTINUE RESTART Y02668

Table 367. Structure JMR (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		...1		JMRABCOD	"X'10'" ON=COMP CODE IN JES3 JMR JMRCONDC FIELD OFF=CONDITION CODE IN JES3 JMRCONDC
		.... 1...		JMRWARM	"X'08'" WARMSTART JOB Y02668
59	(3B)	CHARACTER	1	JMRCLASS	JOB CLASS
60	(3C)	SIGNED	4	JMRUCOM	USER COMMUNICATION - INITIALIZED 0
64	(40)	SIGNED	4	JMRUTLP	POINTER TO USER TIME LIMIT EXIT ROUTINE PARAMETER AREA
64	(40)	X'44'	0	JMRSIZE	"*-JMR" SIZE OF JMR IN CORE, Used by JES
68	(44)	SIGNED	4	JMRDRSTP(2)	RDR STOP TIME AND DATE
76	(4C)	SIGNED	4	JMRJOBIN	JOB SYSIN CT
80	(50)	CHARACTER	2	JMRRDR	RDR DEVICE CLASS AND TYPE
82	(52)	CHARACTER	1	JMROPT	OPTION SWITCHES
		1...		JMRJOBSW	"X'80'" JOB FUNCTIONS REQUESTED
		.1..		JMRSTPSW	"X'40'" STEP FUNCTIONS REQUESTED
		..1.		JMREXITS	"X'20'" USER EXITS REQUESTED
		...1		JMRXONLY	"X'10'" EXITS ONLY SPECIFIED
		1		JMRFIND	"X'01'" FOREGROUND INDICATED 20011
83	(53)	CHARACTER	1	JMRVERSN	JMR VERSION
83	(53)	X'0'	0	JMRVER0	"0" JMR: Version 0 DSECT is 76 bytes
83	(53)	X'1'	0	JMRVER1	"1" JMRE: For version 1, JMR extension DSECT extends the JMR DSECT by 72 bytes
Note: JMR and JMRE DSECT storage must be contiguous					
84	(54)	SIGNED	4	(0)	
84	(54)	CHARACTER	5	JMRSYSOC	SYSOUT CLASSES
PARM LIST PASSED TO IEFUJV IN C/I					
89	(59)	CHARACTER	1	JMRJCLCD	JCL CODE
		1...		JMRCIV	"X'80'" CODE 128 - C/I DEFINED JCL VERB NOT DEFINED BELOW
		.1..		JMRJDTVB	"X'40'" CODE 64 - JDT-DEFINED JCL VERB
		..1.		JMRINTRP	"X'20'" CODE 32 - JCL HAS BEEN INTERPRETED
		...1		JMRCNVTD	"X'10'" CODE 16 - JCL HAS BEEN CONVERTED
		.... 1...		JMRPROCV	"X'08'" CODE 8 - PROC VERB
		.... .1..		JMRDDV	"X'04'" CODE 4 - DD VERB
		.... ..1.		JMREXECV	"X'02'" CODE 2 - EXEC VERB
		1		JMRJOBV	"X'01'" CODE 1 - JOB VERB
X'00' CODE 0 - NULL VERB					
90	(5A)	CHARACTER	1	JMRJFLAGS	Job flags
		1...		JMRGDGBIASSTEP	"X'80'" When on, job is using GDGBIAS=STEP processing
91	(5B)	CHARACTER	1		RESERVED
92	(5C)	SIGNED	4	JMRJOBP	PTR TO JOB LOG

Table 367. Structure JMR (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
96	(60)	SIGNED	4	JMRJCLP	PTR TO JCL CARD
100	(64)	SIGNED	4	JMRJCLCP	PTR TO JCL CODE
100	(64)	X'5C'	0	JMRPTRS	"JMRJOBP"
100	(64)	X'4C'	0	JMRLENG	"*-JMRJOB" Size of base JMR
104	(68)	SIGNED	4	JMRENDV0(0)	End of Version 0 JMR - See JMRVERSN

Table 368. Structure JMRE

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JMRE	, JMR version 1 extension
0	(0)	X'0'	0	JMRPARM1	"*" Version 1 fields
0	(0)	CHARACTER	8	JMRCLAS8	8 character jobclass
8	(8)	CHARACTER	64	JMRJOBCORRELATOR	JES job correlator for inclusion in SMF records
72	(48)	SIGNED	4	JMRENDV1(0)	End of Version 1 JMRE - See JMRVERSN
72	(48)	X'48'	0	JMRELEN1	"*-JMRE" Length of V1 JMR extension
72	(48)	SIGNED	4	JMREENDG(0)	End of JMR Extension
72	(48)	X'48'	0	JMRELENG	"*-JMRE" Length of JMR extension

Table 369. Structure JMR

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JMR	Resume JMR DSECT
104	(68)	CHARACTER	8	JMRSNAME	FAILED STEP NAME
112	(70)	CHARACTER	8	JMRSCLPC	FAILED PROC NAME
120	(78)	BITSTRING	4	JMRCONDC	COND CODE
120	(78)	X'7C'	0	JMFMVSSZ	"*-JMR" SIZE OF MVS JMR

Table 369. Structure JMR (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description

```
        IFASMFR 26
    START OF SPECIFICATIONS
    MACRO-NAME = IFASMFR
    PROPRIETARY STATEMENT =
    LICENSED MATERIALS - PROPERTY OF IBM
    5650-ZOS COPYRIGHT IBM CORP. 1977, 2019
    STATUS= HBB77C0
    EXTERNAL CLASSIFICATION: PI
    END OF EXTERNAL CLASSIFICATION:
            THIS MACRO MAPS RECORDS IN THE RANGE 00-06. IT
            ACTS AS A ROUTER TO OTHER MACROS TO PROCESS OTHER
            RECORDS AS FOLLOWS:
                MACRO RECORDS
               IFASMFR1 07-19
               IFASMFR2 20-27
               IFASMFR3 28-36
               IFASMFR4 37-46
               IFASMFR5 47-54
               IFASMFR6 55-69
               IFASMFR9 80-84
               IFASMFRA 85-103
               IFASMFRB 104-113
               IFASMFRC 114-123
               IFASMFRD 124-127
   01 METHOD OF ACCESS
     PL/S - USER DEFINES MACRO VARIABLE IFARXX WHERE XX=RECORD NUM
            DECLARE SMFXXPTR PTR(31) OR RESPECIFY FOR BASE
            INCLUDE MACRO FROM LIBRARY
             EXAMPLE %IFAR08 = 'YES', NOTE. THE COMMA REP-
                     DCL SMF08PTR PTR(31), RESENTS A SEMI-COLON
                     %INCLUDE SYSLIB(IFASMFR), BUT ISN'T TO AVIOD
                                                A DIAGNOSTIC.
   01 NOTES: none
    END OF SPECIFICATIONS
  THIS IS AN SMF MACRO WHICH CONTROLS THE BUILDING OF SMF RECORDS. THE
  REQUIRED FORMAT IS
        IFASMFR &RECTYPE
  NOTE: VALUES FOR &RECTYPE MUST BE ENCLOSED IN PARENS(UNLESS ONLY 1)
       START OF SPECIFICATIONS
01 MACRO-NAME = IFASMFR2
   01 PROPRIETARY STATEMENT=
     PROPRIETARY_STATEMENT
     LICENSED MATERIALS - PROPERTY OF IBM
     5650-ZOS
     COPYRIGHT IBM CORP. 1982, 2019
     STATUS= HBB77C0
     END_OF_PROPRIETARY_STATEMENT
    EXTERNAL CLASSIFICATION: PI
    END OF EXTERNAL CLASSIFICATION:
    IFASMFR2 maps SMF records in the range 20-27.
        %GOTO IFASMFR2B;
       END OF SPECIFICATIONS
        %GOTO IFAL20;
```

```
 THIS RECORD IS WRITTEN WHEN A JOB IS READY TO BE PURGED FOR
 BOTH FOREGROUND AND BACKGROUND JOBS IN THE SYSTEM.
```

124	(7C)	SIGNED	4	(0)	ALIGN TO FULL WORD BOUNDRY
124	(7C)	X'7C'	0	SMFRCD26	"*" START OF RECORD
124	(7C)	X'7C'	0	SMF26PTR	"*" HEADER SEGMENT (LGTH 46 WITHOUT RDW)
124	(7C)	BITSTRING	1	SMF26BHD(0)	BEGINING BASE+HDR
124	(7C)	BITSTRING	2	SMF26LEN	RECORD LENGTH
126	(7E)	BITSTRING	2	SMF26SEG	SEGMENT DESCRIPTOR
128	(80)	BITSTRING	1	SMF26FLG	HEADER FLAG BYTE
129	(81)	BITSTRING	1	SMF26RTY	RECORD TYPE 26
129	(81)	X'1A'	0	SMFJ26	"26" PURGE RECORD TYPE
130	(82)	BITSTRING	4	SMF26TME	TOD FROM TIME MACRO BINARY
134	(86)		4	SMF26DTE	DATE FROM TIME MACRO
138	(8A)	CHARACTER	4	SMF26SID	SYSTEM INDICATOR
142	(8E)	CHARACTER	8	SMF26JBN	JOB NAME

Table 369. Structure JMR (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
150	(96)	BITSTRING	4	SMF26RST	RDR START TIME, TIME JOB CARD 1ST READ
154	(9A)		4	SMF26RSD	READER START DATE
158	(9E)	CHARACTER	8	SMF26UIF	USER IDENTIFICATION FIELD
166	(A6)	BITSTRING	4	SMF26RSV	RESV
170	(AA)	BITSTRING	2	SMF26SBS	SUBSYSTEM GENERATING ID(JES2=2, JES3=5)
		.... ..1.		SMF26HSP	"X'0002'" JES2 ID
		.... .1.1		SMF26ASP	"X'0005'" JES3 ID
172	(AC)	BITSTRING	2	SMF26IND	INDICATORS
172	(AC)	BITSTRING	0	SMF26DES	"X'8000'" DESCRIPTIVE SECTION PRESENT
172	(AC)	BITSTRING	0	SMF26EVT	"X'4000'" EVENT SECTION PRESENT
172	(AC)	BITSTRING	0	SMF26ATU	"X'2000'" ACTUALS SECTION PRESENT
172	(AC)	BITSTRING	0	SMF26NTW	"X'1000'" JES2 Network section present
172	(AC)	BITSTRING	0	SMF26J2R	"X'0800'" JES2 ROUTING SECTION PRESENT
172	(AC)	BITSTRING	0	SMF26JXP	"X'0400'" JES PRINTER SECTION PRESENT
172	(AC)	BITSTRING	0	SMF26R02	"X'0200'" Reserved
172	(AC)	BITSTRING	0	SMF26ACP	"X'0100'" Triplets Section present
BEGINNING OF DESCRIPTIVE SECTION					
174	(AE)	BITSTRING	2	SMF26LN1	LGTH OF THIS SECTION INCLUDING SELF
176	(B0)	BITSTRING	2	SMF26RV1	RESV
178	(B2)	BITSTRING	1	SMF26IN2	ADDITIONAL JOB INFORMATION(JES2 ONLY)
		1...		SMF26BCH	"X'80'" BIT 0 - BACKGROUND BATCH
		.1..		SMF26FTS	"X'40'" 1 - FOREGROUND TIME SHARING
		..1.		SMF26STK	"X'20'" 2 - SYSTEM TASK
		...1		SMF26NOJ	"X'10'" 3 - NO JOURNAL OPTION
		.... 1...		SMF26NOU	"X'08'" 4 - NO OUTPUT OPTION
		.... .1..		SMF26SCN	"X'04'" 5 - TYPRUN=SCAN
		.... ..1.		SMF26CPY	"X'02'" 6 - TYPRUN=COPY
		1		SMF26JBF	"X'01'" 7 - RESTART=Y
178	(B2)	BITSTRING	1	SMF26IN3	ADDITIONAL JOB INFORMATION(JES3 ONLY)
		1...		SMF26DJC	"X'80'" BIT 0 - DEPENDENT JOB(/ NET JOB PROCESSED)
		.1..		SMF26DLJ	"X'40'" 1 - JOB SPECIFIED DEADLINE SCHEDULING
		..1.		SMF26DLM	"X'20'" 2 - DEADLINE JOB MET DEADLINE
		...1		SMF26PRJ	"X'10'" 3 - / PROCESS STMT PROCESSED
		.... 1...		SMF26NJX	"X'08'" 4 - JOB LEFT SYSTEM VIA NJP(NETWORK JOB PROCESSING)
		.... .1..		SMF26NJE	"X'04'" 5 - JOB ENTERED SYSTEM VIA NJP
		.... ..1.		SMF26DJO	"X'02'" 6 - JOB LEFT SYSTEM VIA DJ(DUMP JOB)
		1		SMF26DJE	"X'01'" 7 - JOB ENTERED SYSTEM VIA DJ
179	(B3)	BITSTRING	1	SMF26INF	JOB INFORMATION

Table 369. Structure JMR (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		SMF26JCP	"X'80'" 0 - JOB PRIORITY EXTERNALLY ASSIGNED (JES2-VIA PRIORITY STMT) (JES3-VIA PRTY PARM ON JOB STMT)
		.1..		SMF26STU	"X'40'" 1 - SETUP JOB (JES2- SETUP STMT PROCESSED) (JES3-PROCESSED BY PREEXEC SETUP)
		..1.		SMF26TRH	"X'20'" 2 - JOB HELD VIA TYPERUN=HOLD
		...1		SMF26NLG	"X'10'" 3 - JOB REQUESTED NO JES JOB LOG(JES2)
		.... 1...		SMF26XBC	"X'08'" 4 - EXEC BATCHING JOB (JES2 ONLY)
		.... .1..		SMF26EIR	"X'04'" 5 - JOB ENTERED VIA INTERNAL RDR
		.... ..1.		SMF26MRE	"X'02'" 6 - JOB WAS RERUN BY JES
		1		SMF26OPC	"X'01'" 7 - OPER CANCELLED JOB BY JES CMND
180	(B4)	CHARACTER	4	SMF26JNM	JES ASSIGNED JOB #
184	(B8)	CHARACTER	8	SMF26JID	8-character job identifier
192	(C0)	CHARACTER	20	SMF26NAM	PROGRAMMER'S NAME FROM JOB CARD
212	(D4)	CHARACTER	1	SMF26MSG	MESSAGE CLASS FROM JOB CARD
213	(D5)	CHARACTER	1	SMF26CLS	JOB CLASS FROM JOB CARD
214	(D6)	BITSTRING	1	SMF26XPI	INITIAL JOB PRIORITY
215	(D7)	BITSTRING	1	SMF26XPS	SELECTION PRIORITY AT TIME JOB SELECTED
216	(D8)	BITSTRING	1	SMF26IX2	Additional JOB information (JES2 ONLY)
		1...		SMF26JDL	"X'80'" Job delayed (at least once) due to duplicate jobname
		.1..		SMF26JOL	"X'40'" Job purged as a result of spool offload
		..1.		SMF26LPN	"X'20'" Job went thru unspun in its lifetime
		...1		SMF26XWR	"X'10'" Job had at least one JOE purged due to PSO/SAPI
217	(D9)	BITSTRING	1	SMF26OPS	Reserved
218	(DA)	BITSTRING	2	SMF26LOC	INPUT ROUTE CODE OR ZERO (JES2 ONLY)
216	(D8)	BITSTRING	4	SMF26RV8	RESERVED(JES3)
220	(DC)	CHARACTER	8	SMF26DEV	LOG INPUT DEV NAME OF WHERE JOB READ USERID IF TSO SUBMIT SYSTEM NAME IF NJP
228	(E4)	CHARACTER	4	SMF26ACT	PROGRAMMER'S ACCOUNTING # (JES2 ONLY)
232	(E8)	CHARACTER	4	SMF26ROM	PROGRAMMER'S ROOM # (JES2 ONLY)
228	(E4)	BITSTRING	8	SMF26RVA	RESERVED(JES3)
236	(EC)	BITSTRING	4	SMF26XTM	ESTIMATED EXECUTION TIME(SEC)
240	(F0)	BITSTRING	4	SMF26ELN	ESTIMATED OUTPUT LINES
244	(F4)	BITSTRING	4	SMF26EPU	ESTIMATED OUTPUT PUNCHED CARDS
244	(F4)	X'F8'	0	SMF26J2D	"*" JES2 ONLY DESCRIPTIVE SECTION
248	(F8)	CHARACTER	4	SMF26FRM	DEFAULT OUTPUT FORM #
252	(FC)	BITSTRING	2	SMF26CYP	PRINT COPY COUNT IF FOR ALL OF JOB
254	(FE)	BITSTRING	2	SMF26LIN	LINES PER PAGE
256	(100)	BITSTRING	2	SMF26PRR	DEFAULT PRINT DESTINATION
258	(102)	BITSTRING	2	SMF26PUR	DEFAULT PUNCH DESTINATION

Table 369. Structure JMR (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
260	(104)	CHARACTER	8	SMF26PDD	JES2 PROC DDNAME FOR JCL CONVERSION
248	(F8)	X'F8'	0	SMF26J3D	"*" JES3 ONLY DESCRIPTIVE SECTION
248	(F8)	CHARACTER	1	SMF26DTY	DEADLINE SCHEDULE TYPE
249	(F9)	BITSTRING	3	SMF26RV6	RESERVED
252	(FC)	CHARACTER	8	SMF26IGP	LOG INPUT DEV GROUP NAME(JOB SOURCE)
260	(104)	CHARACTER	8	SMF26PD3	PROCEDURE DD NAME
268	(10C)	CHARACTER	8	SMF26NJO	SYS NAME TO WHICH JOB SENT VIA NJP
276	(114)	CHARACTER	8	SMF26NJI	SYS FROM WHICH JOB RECEIVED VIA NJP
284	(11C)	CHARACTER	8	SMF26NET	ID OF DEPENDENT JOB NET TO WHICH THIS JOB BELONGS(FROM / NET STMT)
292	(124)	BITSTRING	4	SMF26DTM	DEADLINE SCHEDULE TIME
296	(128)		4	SMF26DDT	DEADLINE SCHEDULE DATE
300	(12C)	CHARACTER	8	SMF26CLN	JOB CLASS NAME
BEGINNING OF EVENT SECTION					
174	(AE)	BITSTRING	2	SMF26LN2	LGTH OF THIS SECTION(INCLUDING SELF)
176	(B0)	BITSTRING	2	SMF26RV2	RESV
178	(B2)	BITSTRING	4	SMF26RPT	READER STOP TIME
182	(B6)		4	SMF26RPD	READER STOP DATE
186	(BA)	BITSTRING	4	SMF26CST	CONVERTER START TIME
190	(BE)		4	SMF26CSD	CONVERTER START DATE
194	(C2)	BITSTRING	4	SMF26CPT	CONVERTER STOP TIME
198	(C6)		4	SMF26CPD	CONVERTER STOP DATE
202	(CA)	BITSTRING	4	SMF26XST	EXECUTION START TIME
206	(CE)		4	SMF26XSD	EXECUTION START DATE
210	(D2)	BITSTRING	4	SMF26XPT	EXECUTION STOP TIME
214	(D6)		4	SMF26XPD	EXECUTION STOP DATE
218	(DA)	BITSTRING	4	SMF26OST	OUTPUT PROCESSOR START TIME
222	(DE)		4	SMF26OSD	OUTPUT PROCESSOR START DATE
226	(E2)	BITSTRING	4	SMF26OPT	OUTPUT PROCESSOR STOP TIME
230	(E6)		4	SMF26OPD	OUTPUT PROCESSOR STOP DATE
BEGINNING OF ACTUALS SECTION JES2 creates the Actuals section only up to (and including) SMF26OID. The fields from SMF26JAF to SMF26SRC are filled in by JES3. The block from NJEJMR to NJEJMREN contains some JES3 networking information but it is part of the Actuals section.					
174	(AE)	BITSTRING	2	SMF26LN3	LGTH OF THIS SECTION(INCLUDING SELF)
176	(B0)	BITSTRING	2	SMF26RV4	RESV
178	(B2)	BITSTRING	4	SMF26ICD	# OF INPUT CARDS (JCL AND DATA)
182	(B6)	BITSTRING	4	SMF26XLN	OUTPUT LINES GENERATED TO SPOOL
186	(BA)	BITSTRING	4	SMF26XPU	OUTPUT PUNCH CARDS GENERATED TO SPOOL
190	(BE)	CHARACTER	4	SMF26RID	INPUT PROCESSOR SYSTEM ID
194	(C2)	CHARACTER	4	SMF26CID	JCL CONVERSION PROCESSOR SYSTEM ID
198	(C6)	CHARACTER	4	SMF26XID	EXECUTION PROCESSOR SYSTEM ID
202	(CA)	CHARACTER	4	SMF26OID	OUTPUT PROCESSOR SYSTEM ID

Table 369. Structure JMR (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
206	(CE)	CHARACTER	42	SMF26JAF	Job accounting fields - maximum length 42 - filled in by JES3 only
248	(F8)	BITSTRING	4	NJEJMR(0)	
248	(F8)	CHARACTER	8	NJEJMRID	
256	(100)	ADDRESS	2	NJEJMRLN	- Length of NJEJMR
COMPATIBILITY CODE NJEJOBNO is maintained for compatibility with pre-HJS7705 levels of JES3. Once HJS7703 and below are no longer supported, this field does not need to be maintained.					
258	(102)	ADDRESS	2	NJEJOBNO	- Origin node job number (compatible) - contains FFFF if NJEJOBNX > 65534
260	(104)	CHARACTER	8	NJEJOBNM	- Job name
268	(10C)	CHARACTER	8	NJEXEQN	- Execution node
276	(114)	CHARACTER	20	NJEPRGMR	- Programmer name
296	(128)	CHARACTER	8	NJEUSRID	- TSO user id
304	(130)	CHARACTER	8	NJEACCT	- Network acct num
312	(138)	CHARACTER	8	NJEDEPT	- Programmer dept num
320	(140)	CHARACTER	8	NJEBLDG	- Programmer bldg num
328	(148)	CHARACTER	8	NJEROOM	- Programmer room num
336	(150)	CHARACTER	8	NJEXEQU	- Execution user id
COMPATIBILITY CODE NJETRANS is maintained for compatibility with pre-HJS7705 levels of JES3. Once HJS7703 and below are no longer supported, this field does not need to be maintained.					
344	(158)	BITSTRING	4	NJETRANS(0)	Maintained for compile compatibility
344	(158)	ADDRESS	4	NJEJOBNX	Origin node job number, extended
348	(15C)	BITSTRING	4	NJEJMREN(0)	
348	(15C)	BITSTRING	0	NJEJMRSZ(0)	
348	(15C)	CHARACTER	4	SMF26SRC	NUMBER OF SPOOL RECORDS
Beginning of JES2 Network section					
174	(AE)	BITSTRING	2	SMF26LN4	LENGTH OF THIS SECTION(INCLUDING SELF)
176	(B0)	BITSTRING	2	SMF26RV5	RESERVED
178	(B2)	CHARACTER	4	SMF26NID	JOB TRANSMITTER SYSTEM IDENTIFIER
182	(B6)	BITSTRING	4	SMF26NST	JOB TRANSMITTER START TIME
186	(BA)		4	SMF26NSD	JOB TRANSMITTER START DATE
190	(BE)	BITSTRING	4	SMF26NPT	JOB TRANSMITTER STOP TIME
194	(C2)		4	SMF26NPD	JOB TRANSMITTER STOP DATE
198	(C6)	CHARACTER	8	SMF26NAC	NETWORK ACCOUNTING NUMBER
206	(CE)	CHARACTER	8	SMF26NJB	Original job identification
214	(D6)	CHARACTER	8	SMF26NDV	JOB TRANSMITTER DEVICE NAME
222	(DE)	CHARACTER	8	SMF26NON	Original node name
230	(E6)	CHARACTER	8	SMF26NXN	EXECUTION NODE NAME
238	(EE)	CHARACTER	8	SMF26NNM	NEXT NODE NAME
246	(F6)	CHARACTER	8	SMF26NLN	LAST NODE NAME

Table 369. Structure JMR (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
254	(FE)	CHARACTER	8	SMF26SUI	Submitting Userid
262	(106)	CHARACTER	8	SMF26NN	JOB End Execution Notify Node
270	(10E)	CHARACTER	8	SMF26NU	Job End Execution Notify Userid
174	(AE)	BITSTRING	2	SMF26LN5	LGTH OF THIS SECTION
176	(B0)	CHARACTER	4	SMF26INR	INPUT ROUTING
180	(B4)	CHARACTER	4	SMF26PRD	DEFAULT PRINT DESTINATION
184	(B8)	CHARACTER	4	SMF26PUD	DEFAULT PUNCH DESTINATION
174	(AE)	BITSTRING	2	SMF26LN6	LGTH OF THIS SECTION
176	(B0)	CHARACTER	4	SMF26EBT	ESTIMATED BYTE COUNT
180	(B4)	CHARACTER	4	SMF26XBT	ACTUAL BYTE COUNT
184	(B8)	CHARACTER	4	SMF26EPG	ESTIMATED PAGE COUNT
188	(BC)	CHARACTER	4	SMF26XPG	ACTUAL PAGE COUNT
192	(C0)	CHARACTER	8	SMF26EFM	EXPANDED FORMS ID
		This is the header for all future extensions to the SMF 26 record. Sections beyond this point must be accessed by using the values stored in the triplets (below) that contain the offset, length, and number of sections of the type corresponding to the triplet New sections will be appended to this header and their presence can be detected by an increase in the number of triplets and by a non-zero section offset, length and number of sections. Each offset to a section is added to the address of SMFRCD26 to obtain the start of the section that it locates.			
174	(AE)	BITSTRING	2	SMF26LN7	Length of triplet section
176	(B0)	SIGNED	4	SMF26OAG	Offset of accounting section
180	(B4)	BITSTRING	2	SMF26LAG	Length of accounting section
182	(B6)	BITSTRING	2	SMF26NAG	Number of accounting sections
184	(B8)	SIGNED	4	SMF26OWL	Offset of Work Load Manager section
188	(BC)	BITSTRING	2	SMF26LWL	Length of Work Load Manager section
190	(BE)	BITSTRING	2	SMF26NWL	Number of Work Load Manager sections
192	(C0)	SIGNED	4	SMF26OJC	Offset of Job Correlator section
196	(C4)	BITSTRING	2	SMF26LJC	Length of Job Correlator section
198	(C6)	BITSTRING	2	SMF26NJC	Number of Job Correlator sections
200	(C8)	CHARACTER	64	SMF26JCR	Job correlator
264	(108)	CHARACTER	8	SMF26WCL	Service class queue name
272	(110)	CHARACTER	8	SMF26WOC	Original Service class
280	(118)	BITSTRING	1	SMF26WIN	Indicators
		1...		SMF26WLM	"B'10000000'" Job ran in MODE=WLM
		.1..		SMF26SJB	"B'01000000'" Job ran because of the $S J JES2 command or the *F,J=job,RUN JES3 command
		..1.		SMF26CON	"B'00100000'" Job within concurrent set
281	(119)	CHARACTER	8	SMF26WJC	Eight character job class
289	(121)	CHARACTER	16	SMF26WSE	Scheduling environment (SCHENV)
305	(131)	BITSTRING	2	SMF26LN8	Length of Accounting Section
307	(133)	SIGNED	1	SMF26NRA	Number of accounting pairs that follow

Table 369. Structure JMR (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		Accounting pairs are of the form: AL1(length),C'string of length "length"' A length of 0 indicates an omitted field			
308	(134)	SIGNED	1	SMF26AC1(0)	
		SMF26 RECORD LENGTHS.			
0	(0)	X'32'	0	SMFHDRLN	"SMF26LN1-SMFRCD26" LENGTH OF HEADER SECTION
0	(0)	X'86'	0	SMFDESLN	"SMF26CLN-SMF26LN1+L'SMF26CLN" LENGTH OF DESCRIPTIVE SECTION
0	(0)	X'3C'	0	SMFEVTLN	"SMF26OPD-SMF26LN2+L'SMF26OPD" LENGTH OF EVENT SECTION
0	(0)	X'B2'	0	SMFACTLN	"SMF26SRC-SMF26LN3+L'SMF26SRC" LENGTH OF ACTUALS SECTION
0	(0)	X'1A'	0	SMFPRTLN	"SMF26EFM-SMF26LN6+L'SMF26EFM" LENGTH OF PRINT SECTION
0	(0)	X'C8'	0	SMFUSRLN	"200" MAXIMUM USER DATA LENGTH
0	(0)	X'288'	0	SMF26MAX	"SMFHDRLN+SMFDESLN+SMFEVTLN+SMFACTLN+ SMFPRTL N+SMFUSRLN" MAXIMUM LENGTH OF SMF26 RECORD PRIOR TO PURGE
0	(0)	X'E400'	0	SMF26IDX	"SMF26DES+SMF26EVT+SMF26ATU+SMF26JXP" FLAGS TO INDICATE WHICH SECTIONS ARE INCLUDED IN THE SMF26 RECORD
0	(0)	X'8'	0	SMFACTRP	"SMF26NAG-SMF26OAG+L'SMF26NAG" Length of acct data triplet fields
0	(0)	X'12'	0	SMFTOTRP	"SMFACTRP+SMFWLMTL+L'SMF26LN7" Total length of triplet section (length of acct data triplet fields + length of WLM triplet fields + length of triplet length field SMF26LN7)
0	(0)	X'3'	0	SMFACFSZ	"SMF26NRA-SMF26LN8+L'SMF26NRA" Length of fixed portion of accounting data
0	(0)	X'92'	0	SMFACSEC	"SMFACFSZ+L'JMRXACDT" Maximum length of acct data section
0	(0)	X'8'	0	SMFWLMTL	"SMF26NWL-SMF26OWL+L'SMF26NWL" Length of triplet portion of WLM data
0	(0)	X'29'	0	SMFWLMFL	"SMF26WSE-SMF26WCL+L'SMF26WSE" Length of fixed portion of WLM data
		It is imperative to update SMF26TOT whenever the length of the SMF26 record is changed.			
0	(0)	X'355'	0	SMF26TOT	"SMF26MAX+SMFTOTRP+SMFACSEC+SMFWLMFL" Total maximum SMF26 record size

Table 370. Structure JMRXSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JMRXSTRT	
0	(0)	CHARACTER	4	JMRXID	Area identifier
4	(4)	SIGNED	2	JMRXHLEN	Length of header section
6	(6)	BITSTRING	1	JMRXHVRS	JMRX header version
6	(6)	X'1'	0	JMRXHVR1	"1" - Version 1 of the JMRX
		JMRXIND1 indicates which sections of the JMRX have been initialized.			

Table 370. Structure JMRXSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
7	(7)	BITSTRING	1	JMRXIND1	Section indicator
		1...		JMRXACTI	"X'80'" - Accounting section is present
		.1..		JMRXWLM	"X'40'" - WLM section is present
		..1.		JMRXJMRE	"X'20'" - JMRE section is present
8	(8)	BITSTRING	1	JMRXIND2(2)	Reserved for future use
10	(A)	SIGNED	2	JMRXRSD1	Reserved for development
12	(C)	SIGNED	4	JMRXRSVD(3)	Reserved for development
24	(18)	SIGNED	4	JMRXRSVS(3)	Reserved for service
24	(18)	X'24'	0	JMRXHLNG	"*-JMRXSTRT" Size of JMRX header

Table 371. Structure JMRXENT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JMRXENT	
0	(0)	SIGNED	2	JMRXELN	Entry length (includes JMRXENT fields)
2	(2)	BITSTRING	1	JMRXEID	Entry identifier
2	(2)	X'1'	0	JMRXIDAC	"1" - ID for acct section
2	(2)	X'2'	0	JMRXIDWL	"2" - ID for WLM section
2	(2)	X'3'	0	JMRXIDJE	"3" - ID for JMRE section
3	(3)	BITSTRING	1	JMRXEVRS	Entry version indicator
3	(3)	X'1'	0	JMRXEVR1	"1" - Version 1 of entry
4	(4)	SIGNED	4	JMRXERSD(2)	Reserved for development
12	(C)	SIGNED	4	JMRXERSS(2)	Reserved for service
12	(C)	X'14'	0	JMRXEDAT	"*" Data portion of entry
12	(C)	X'0'	0	JMRXEEND	"JMRXELN,4" Delimiter for last entry x'FFFFFFFF'
		Definition of data portion of accounting data entry. An accounting data entry is identified by JMRXIDAC in JMRXEID.			
20	(14)	BITSTRING	1	JMRXACPR	Number of accounting parms (from ISACCCNT)
21	(15)	BITSTRING	143	JMRXACDT	Accounting data (from ISACCTXT)
21	(15)	X'A4'	0	JMRXACSZ	"*-JMRXENT" Size of accounting entry
		Definition of data portion of WLM section. A WLM section is identified by JMRXIDWL in JMRXEID.			
20	(14)	CHARACTER	8	JMRXWCL	Current service class name
28	(1C)	CHARACTER	8	JMRXWOC	Original Service class name
36	(24)	BITSTRING	8	JMRXWRS1	Reserved for dev/service
44	(2C)	BITSTRING	16	JMRXSCEN	Scheduling environment
60	(3C)	BITSTRING	16	JMRXWRSV	Reserved for dev/service
76	(4C)	BITSTRING	1	JMRXWIN	Indicators
		1...		JMRXMWLM	"X'80'" Job ran in MODE=WLM
		.1..		JMRXRUNJ	"X'40'" Job ran as a result of a *F,J=jobno,RUN command
76	(4C)	X'4D'	0	JMRXWLSZ	"*-JMRXENT" Size of WLM section

Table 371. Structure JMRXENT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
Definition of data portion of the MVS JMR Extension (JMRE DSECT). The JMR Extension does not exist for the original version of the MVS JMR (IEFJMR) when JMRVERSN=0; it only exists when JMRVERSN=1 (or beyond).					
20	(14)	BITSTRING	1	JMRXJVER	Version of JMR applicable to JMR Extension (JMRE) - see equates for JMRVERSN
21	(15)	BITSTRING	1	JMRXJRS1	Reserved for dev/service
22	(16)	SIGNED	2	JMRXJLEN	Length of JMR Extension
24	(18)	BITSTRING	8	JMRXJRS2	Reserved
32	(20)	BITSTRING	1	JMRXJMR2	MVS JMRE DSECT used by this JMRX entry
32	(20)	X'48'	0	JMRXJMSZ	"*-JMRXJMR2" Size of JMR Extension in JMRX entry
32	(20)	X'68'	0	JMRXJESZ	"*-JMRXENT" Size of MVS JMR Extension section (JMRE DSECT)
Extension equates. JMREXLN must be updated for any new sections added to the JMRX. Changes to JMREXLN affect JMRTOTLN. Be sure to reassemble modules referencing JMRTOTLN.					
20	(14)	X'181'	0	JMREXLN	"JMRXHLNG+JMRXACSZ+JMRXWLSZ+JMRXJESZ+ L'JMRXE END" Size of JMR extension (Header + 1 acct section + 1 WLM section + 1 JMRE section + delimiter)
20	(14)	X'485'	0	JMRTOTLN	"JMFMVSSZ+SMF26MAX+JMREXLN" Total JMR size (JES3 JMR + MVS JMR + maximum SMF26 record + JMR extension)
20	(14)	X'304'	0	JMRS26LN	"JMFMVSSZ+SMF26MAX" Size of JMR w/o JMRX (offset to JMRX)
The next declare will generate an assembly error if the total JMR size exceeds the minimum recommended JES3 spool buffer size.					
20	(14)	BITSTRING	1	(0)	Generate error if JMR size exceeds 2036 258

Table 372. Cross Reference for IATYJMR

Name	Offset	Hex Tag
JMFMVSSZ	78	7C
JMR	0	
JMR	0	
JMR	0	
JMRABCOD	3A	10
JMRCHN	C	0
JMRCHRS	3A	40
JMRCIV	59	80
JMRCLASS	3B	
JMRCLAS8	0	
JMRCNRS	3A	20
JMRCNT	6	0
JMRCNVTD	59	10
JMRCONDC	78	0

Table 372. Cross Reference for IATYJMR (continued)

Name	Offset	Hex Tag
JMRCPUID	2C	
JMRDATA	1C	
JMRDDV	59	4
JMRDRSTP	44	
JMRE	0	
JMREDATE	28	
JMREENDG	48	
JMRELENG	48	48
JMRELEN1	48	48
JMRENDV0	68	
JMRENDV1	48	
JMRENTRY	24	
JMREXECV	59	2
JMREXITS	52	20
JMREXLN	14	181
JMRFIND	52	1
JMRFLG	3A	
JMRGDGBIASSTEP	5A	80
JMRID	8	D1D4D940
JMRINDC	39	
JMRINTRP	59	20
JMRJCLCD	59	
JMRJCLCP	64	
JMRJCLP	60	
JMRJDTVB	59	40
JMRJFLAGS	5A	
JMRJOB	1C	
JMRJOBCORRELATOR	8	
JMRJOBIN	4C	
JMRJOBP	5C	
JMRJOBSW	52	80
JMRJOBV	59	1
JMRLENG	64	4C
JMRLGEND	38	39
JMRLOGSZ	38	1D
JMROPT	52	
JMRPARM1	0	0
JMRPROCV	59	8
JMRPTRS	64	5C
JMRRDR	50	
JMRSCLPC	70	40404040
JMRSIZE	40	44
JMRSNAME	68	40404040
JMRSTEP	38	
JMRSTPSW	52	40
JMRSTRS	3A	80

Table 372. Cross Reference for IATYJMR (continued)

Name	Offset	Hex Tag
JMRSYSOC	54	
JMRS26LN	14	304
JMRTOTLN	14	485
JMRTRK	0	0
JMRUCOM	3C	
JMRUSEID	30	
JMRUTLP	40	
JMRVERSN	53	
JMRVER0	53	0
JMRVER1	53	1
JMRVLID	18	0
JMRWARM	3A	8
JMRXACDT	15	
JMRXACPR	14	
JMRXACSZ	15	A4
JMRXACTI	7	80
JMRXEDAT	C	14
JMRXEEND	C	0
JMRXEID	2	
JMRXELN	0	
JMRXENT	0	
JMRXERSD	4	
JMRXERSS	C	
JMRXEVRS	3	
JMRXEVR1	3	1
JMRXHLEN	4	
JMRXHLNG	18	24
JMRXHVRS	6	
JMRXHVR1	6	1
JMRXID	0	D1D4D9E7
JMRXIDAC	2	1
JMRXIDJE	2	3
JMRXIDWL	2	2
JMRXIND1	7	
JMRXIND2	8	
JMRXJESZ	20	68
JMRXJLEN	16	
JMRXJMRE	7	20
JMRXJMR2	20	
JMRXJMSZ	20	48
JMRXJRS1	15	
JMRXJRS2	18	
JMRXJVER	14	
JMRXMWLM	4C	80
JMRXONLY	52	10
JMRXRSD1	A	

Table 372. Cross Reference for IATYJMR (continued)

Name	Offset	Hex Tag
JMRXRSVD	C	
JMRXRSVS	18	
JMRXRUNJ	4C	40
JMRXSCEN	2C	
JMRXSTRT	0	
JMRXWCL	14	
JMRXWIN	4C	
JMRXWLM	7	40
JMRXWLSZ	4C	4D
JMRXWOC	1C	
JMRXWRSV	3C	
JMRXWRS1	24	
NJEACCT	130	
NJEBLDG	140	
NJEDEPT	138	
NJEJMR	F8	
NJEJMREN	15C	
NJEJMRID	F8	D5D1C5D1
NJEJMRLN	100	
NJEJMRSZ	15C	
NJEJOBNM	104	
NJEJOBNO	102	
NJEJOBNX	158	
NJEPRGMR	114	
NJEROOM	148	
NJETRANS	158	
NJEUSRID	128	
NJEXEQN	10C	
NJEXEQU	150	
SMFACFSZ	0	3
SMFACSEC	0	92
SMFACTLN	0	B2
SMFACTRP	0	8
SMFDESLN	0	86
SMFEVTLN	0	3C
SMFHDRLN	0	32
SMFJ26	81	1A
SMFPRTLN	0	1A
SMFRCD26	7C	7C
SMFTOTRP	0	12
SMFUSRLN	0	C8
SMFWLMFL	0	29
SMFWLMTL	0	8
SMF26ACP	AC	100
SMF26ACT	E4	
SMF26AC1	134	

Table 372. Cross Reference for IATYJMR (continued)

Name	Offset	Hex Tag
SMF26ASP	AA	5
SMF26ATU	AC	2000
SMF26BCH	B2	80
SMF26BHD	7C	
SMF26CID	C2	
SMF26CLN	12C	
SMF26CLS	D5	
SMF26CON	118	20
SMF26CPD	C6	
SMF26CPT	C2	
SMF26CPY	B2	2
SMF26CSD	BE	
SMF26CST	BA	
SMF26CYP	FC	
SMF26DDT	128	
SMF26DES	AC	8000
SMF26DEV	DC	
SMF26DJC	B2	80
SMF26DJE	B2	1
SMF26DJO	B2	2
SMF26DLJ	B2	40
SMF26DLM	B2	20
SMF26DTE	86	
SMF26DTM	124	
SMF26DTY	F8	
SMF26EBT	B0	
SMF26EFM	C0	
SMF26EIR	B3	4
SMF26ELN	F0	
SMF26EPG	B8	
SMF26EPU	F4	
SMF26EVT	AC	4000
SMF26FLG	80	
SMF26FRM	F8	
SMF26FTS	B2	40
SMF26HSP	AA	2
SMF26ICD	B2	
SMF26IDX	0	E400
SMF26IGP	FC	
SMF26IND	AC	
SMF26INF	B3	
SMF26INR	B0	
SMF26IN2	B2	
SMF26IN3	B2	
SMF26IX2	D8	
SMF26JAF	CE	

Table 372. Cross Reference for IATYJMR (continued)

Name	Offset	Hex Tag
SMF26JBF	B2	1
SMF26JBN	8E	
SMF26JCP	B3	80
SMF26JCR	C8	
SMF26JDL	D8	80
SMF26JID	B8	
SMF26JNM	B4	
SMF26JOL	D8	40
SMF26JXP	AC	400
SMF26J2D	F4	F8
SMF26J2R	AC	800
SMF26J3D	F8	F8
SMF26LAG	B4	
SMF26LEN	7C	
SMF26LIN	FE	
SMF26LJC	C4	
SMF26LN1	AE	
SMF26LN2	AE	
SMF26LN3	AE	
SMF26LN4	AE	
SMF26LN5	AE	
SMF26LN6	AE	
SMF26LN7	AE	
SMF26LN8	131	
SMF26LOC	DA	
SMF26LPN	D8	20
SMF26LWL	BC	
SMF26MAX	0	288
SMF26MRE	B3	2
SMF26MSG	D4	
SMF26NAC	C6	
SMF26NAG	B6	
SMF26NAM	C0	
SMF26NDV	D6	
SMF26NET	11C	
SMF26NID	B2	
SMF26NJB	CE	
SMF26NJC	C6	
SMF26NJE	B2	4
SMF26NJI	114	
SMF26NJO	10C	
SMF26NJX	B2	8
SMF26NLG	B3	10
SMF26NLN	F6	
SMF26NN	106	
SMF26NNM	EE	

Table 372. Cross Reference for IATYJMR (continued)

Name	Offset	Hex Tag
SMF26NOJ	B2	10
SMF26NON	DE	
SMF26NOU	B2	8
SMF26NPD	C2	
SMF26NPT	BE	
SMF26NRA	133	
SMF26NSD	BA	
SMF26NST	B6	
SMF26NTW	AC	1000
SMF26NU	10E	
SMF26NWL	BE	
SMF26NXN	E6	
SMF26OAG	B0	
SMF26OID	CA	
SMF26OJC	C0	
SMF26OPC	B3	1
SMF26OPD	E6	
SMF26OPS	D9	
SMF26OPT	E2	
SMF26OSD	DE	
SMF26OST	DA	
SMF26OWL	B8	
SMF26PDD	104	
SMF26PD3	104	
SMF26PRD	B4	
SMF26PRJ	B2	10
SMF26PRR	100	
SMF26PTR	7C	7C
SMF26PUD	B8	
SMF26PUR	102	
SMF26RID	BE	
SMF26ROM	E8	
SMF26RPD	B6	
SMF26RPT	B2	
SMF26RSD	9A	
SMF26RST	96	
SMF26RSV	A6	
SMF26RTY	81	
SMF26RVA	E4	
SMF26RV1	B0	
SMF26RV2	B0	
SMF26RV4	B0	
SMF26RV5	B0	
SMF26RV6	F9	
SMF26RV8	D8	
SMF26R02	AC	200

Table 372. Cross Reference for IATYJMR (continued)

Name	Offset	Hex Tag
SMF26SBS	AA	
SMF26SCN	B2	4
SMF26SEG	7E	
SMF26SID	8A	
SMF26SJB	118	40
SMF26SRC	15C	
SMF26STK	B2	20
SMF26STU	B3	40
SMF26SUI	FE	
SMF26TME	82	
SMF26TOT	0	355
SMF26TRH	B3	20
SMF26UIF	9E	
SMF26WCL	108	
SMF26WIN	118	
SMF26WJC	119	
SMF26WLM	118	80
SMF26WOC	110	
SMF26WSE	121	
SMF26XBC	B3	8
SMF26XBT	B4	
SMF26XID	C6	
SMF26XLN	B6	
SMF26XPD	D6	
SMF26XPG	BC	
SMF26XPI	D6	
SMF26XPS	D7	
SMF26XPT	D2	
SMF26XPU	BA	
SMF26XSD	CE	
SMF26XST	CA	
SMF26XTM	EC	
SMF26XWR	D8	10

IATYJMU information

IATYJMU heading information

Common name: JESMSG Message Unit

Macro ID: IATYJMU

DSECT name: JMUSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: JMU (JMUSTART)
Offset: 0
Length: 4

Storage attributes: Main Storage: Subpool CSA or 0
Auxiliary Storage: N/A
Key: Key 1 (JESKEY)
Residency: ANY

Size: JMUSIZE (for JMUSTART)

Created by: IATSSJM

Pointed to by: JMUNEXT in IATYJMU
JMUPREV in IATYJMU
MEMJMUPD in IATYMEM
MEMJMUWT in IATYMEM
MEMBEJPD in IATYMEM *0104
MEMBEJWT in IATYMEM *0104

Serialization: (1) Compare and Swap is used when adding entries to the JMU queue.
(2) The JESMSG write lock must be held when the JMU elements are removed from the JMU queue.

Function: This data area contains information relating to JESMSG processing that is to occur in the user's address space. Hence, the acronym for JESMSG Message Unit.

IATYJMU mapping

Table 373. Structure JMUSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JMUSTART	
0	(0)	CHARACTER	4	JMUID	JMU identifier
4	(4)	ADDRESS	4	JMUNEXT	Pointer to next JMU entry
8	(8)	ADDRESS	4	JMUPREV	Pointer to prev JMU entry
12	(C)	SIGNED	4	JMUSUBPL	Subpool of this JMU storage
12	(C)	X'FF'	0	JMUSP255	"255" Equate for subpool 255 0104 (Private LSQA/ELSQA) 0104
12	(C)	X'F1'	0	JMUSP241	"241" Equate for subpool 241 (CSA) 0104
16	(10)	BITSTRING	16	JMUUSRID(0)	Job/user identifier
16	(10)	CHARACTER	8	JMUJNAME	Jobname of message issuer
24	(18)	CHARACTER	8	JMUJID	Job id of message issuer
32	(20)	SIGNED	4	JMUMSGLN	Length of message text
36	(24)	CHARACTER	10	JMUMSGTS	Timestamp ' HH:MM:SS ' when the message was issued
46	(2E)	CHARACTER	128	JMUMSGTX	JESMSG text
174	(AE)	BITSTRING	1	JMUFLG1	JMU Flag 1
		Definition of JMUFLG1			
		1...		JMUGLBLE	"X'80'" Entry is from JES3 global
		.1..		JMULAST	"X'40'" Last line of a multi-line WTO
		..1.		JMUFLG20	"X'20'" Reserved for IBM
		...1		JMUFLG10	"X'10'" Reserved for IBM
		.... 1...		JMUFLG08	"X'08'" Reserved for IBM
		.... .1..		JMUFLG04	"X'04'" Reserved for IBM
		.... ..1.		JMUFLG02	"X'02'" Reserved for IBM
		1		JMUFLG01	"X'01'" Reserved for IBM
175	(AF)	BITSTRING	1	JMURSVD1	Reserved for IBM 0096
176	(B0)	BITSTRING	4	JMUTOD	Copy of WQETS3 time stamp if processed by IATSIWO

Table 373. Structure JMUSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
180	(B4)	BITSTRING	4	JMUDATE	Associated date (YYYYMMDD)
184	(B8)	SIGNED	4	JMUCNID	Connect id for multi-line WTOs
188	(BC)	SIGNED	4	JMURSVD2	Reserved for IBM
192	(C0)	SIGNED	4	JMURSVD3(4)	Reserved for IBM Service
208	(D0)	SIGNED	4	JMUEND(0)	- End of JMU entry
208	(D0)	X'D0'	0	JMUSIZE	"JMUEND-JMUSTART" JMU size

Table 374. Cross Reference for IATYJMU

Name	Offset	Hex Tag
JMUCNID	B8	0
JMUDATE	B4	0
JMUEND	D0	
JMUFLG01	AE	1
JMUFLG02	AE	2
JMUFLG04	AE	4
JMUFLG08	AE	8
JMUFLG1	AE	0
JMUFLG10	AE	10
JMUFLG20	AE	20
JMUGLBLE	AE	80
JMUID	0	D1D4E440
JMUJID	18	40404040
JMUJNAME	10	40404040
JMULAST	AE	40
JMUMSGLN	20	0
JMUMSGTS	24	40404040
JMUMSGTX	2E	40404040
JMUNEXT	4	
JMUPREV	8	
JMURSVD1	AF	0
JMURSVD2	BC	0
JMURSVD3	C0	0
JMUSIZE	D0	D0
JMUSP241	C	F1
JMUSP255	C	FF
JMUSTART	0	
JMUSUBPL	C	0
JMUTOD	B0	0
JMUUSRID	10	

IATYJNT information

IATYJNT programming interface information

IATYJNT is a programming interface.

IATYJNT heading information

Common name:	JOB-NET CONTROL BLOCK (JNCB)
Macro ID:	IATYJNT
DSECT name:	JNSTART
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	JNCB Offset: 0 Length: 4
Storage attributes:	Main Storage: JESPOOL Auxiliary Storage: n/a
Size:	112 Bytes
Created by:	IATISNT
Pointed to by:	JNCBTOP in IATYTVT
Serialization:	NONE
Function:	One JNCB is created for each DJC NET in the system.

IATYJNT mapping

Table 375. Structure JNSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JNSTART	
0	(0)	SIGNED	4	JNNEXT	- JOB-NET FORWARD CHAIN POINTER #02542
4	(4)	CHARACTER	4	JNCBID	CONTROL BLOCK ID
8	(8)	CHARACTER	8	JNID	- JOB-NET IDENTIFIER
16	(10)	BITSTRING	12	JNNCBFDB	- NET CONTROL BLOCK FDB
28	(1C)	ADDRESS	2	JNCBSIZE	- SIZE OF JNCB
30	(1E)	SIGNED	2	JNTOTCNT	- TOTAL NUMBER OF JOBS IN NET (HEX)
32	(20)	SIGNED	2	JNCURCNT	- NUMBER OF JOBS COMPLETED (HEX)
34	(22)	BITSTRING	1	JNWTCONT	FCT'S WAITING FOR JNCB
35	(23)	BITSTRING	1	JNTRSVS	RESERVED FOR SERVICE
36	(24)	SIGNED	2	JNRESVD1	RESERVED FOR DEVELOPMENT
38	(26)	CHARACTER	1	JNFLAG1	- JOB-NET FLAGS 1
		DEFINITION OF JNFLAG1			
		1		JNDJINIT	"X'01'" - JOB NET INITIALIZATION IS IN PROGRESS
		.... ..1.		JNDJACT	"X'02'" - DJ IS ACTIVE ON THIS NET
		.... .1..		JNMISUCC	"X'04'" - THIS NET IS MISSING A SUCCESSOR
		.... 1...		JNMISUBN	"X'08'" - RELEASE SUB-NET NOT IN SYSTEM
		...1		JNNETCAN	"X'10'" - JOB-NET HAS BEEN CANCELED
		..1.		JNDJNOT	"X'20'" - THIS NET CANNOT BE DJ'ED
		.1..		JNDJED	"X'40'" - THIS NET HAS BEEN DJ'ED
		1...		JNFLUSH	"X'80'" - FLUSH PROCESSING REQUIRED
39	(27)	CHARACTER	1	JNFLAG2	- JOB-NET FLAGS 2
		DEFINITION OF JNFLAG2			
		1		JNUNRERR	"X'01'" UNRECOVERABLE ERROR RECOVERY

Table 375. Structure JNSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... ..1.		JNRECERR	"X'02'" RECOVERABLE ERROR RECOVERY
		.... .1..		JNNORECV	"X'04'" DO NOT DO ERROR RECOV
		.... 1...		JNNETDEL	"X'08'" COMP NET WAITING FOR DELETE
		...1		JNINTSNT	"X'10'" INTERCOM SENT FOR DELETE
		..1.		JNDLEVEL	"X'20'" Net has down level NCBs
40	(28)	CHARACTER	1	JNFLAG3	- JOB-NET FLAGS 3
	DEFINITION OF JNFLAG3				
		1		JNDJRSET	"X'01'" - DJ RESET CONTROL FLAG
		.... ..1.		JNTDSET	"X'02'" Net create time/date set 0004
44	(2C)	SIGNED	4	JNDFCB	- DFCB ADDR FOR THIS NET
	JNCB NET-CONTROL WORK AREAS				
48	(30)	ADDRESS	4	JNCBUSER	THE ADDRESS OF THE FCT THAT IS CURRENTLY HOLDING THIS JNCB
52	(34)	SIGNED	4	JNSAVPRV	- BUFFER ADDRESS SAVE AREA - PREVIOUS
56	(38)	SIGNED	4	JNSAVCUR	- BUFFER ADDRESS SAVE AREA - CURRENT
60	(3C)	BITSTRING	12	JNFDBSAV	FDB SAVE AREA
72	(48)	BITSTRING	12	JNFDBPRV	PREVIOUS FDB SAVE AREA
84	(54)	BITSTRING	4	JNCBRSVS	Reserved for IBM 0004
88	(58)	BITSTRING	8	JNCBTMDT	STCK value when DJC NET 0004 was created. 0004
96	(60)	BITSTRING	12	JNRCERRD	FDB FOR I/O ERROR RECOVERY PROCESSING
108	(6C)	SIGNED	2	JNPNDCNT	COUNT OF RESUBMITTED JOBS
110	(6E)	SIGNED	2	JNISACNT	NUMBER OF INPUT SERVICE RELATED FCTS ACTIVE ON THIS NET
	Define the old length (i.e. prior to APAR OY59185) for Dump Job. IATDJIN, before OY59185, assumes that the JNCB size won't change. It obtains storage based on what it knows the JNCB size is and then copies it including the length field.				
110	(6E)	X'70'	0	JNCBLENO	"*-JNSTART" LENGTH FOR DJ
	In-storage summary control block anchors				
112	(70)	ADDRESS	4	JNJSEBUF	ADDRESS OF DJC JOB SUMMARY ELEMENT BUFFER POOL
116	(74)	ADDRESS	4	JNJSEALC	ADDRESS OF ALLOCATED DJC JOB SUMMARY ELEMENT CHAIN FOR THIS NET
120	(78)	ADDRESS	4	JNJSEFRE	ADDRESS OF FREE DJC JOB SUMMARY ELEMENT CHAIN FOR THIS NET
124	(7C)	ADDRESS	4	JNNFTBUF	ADDRESS OF NCB FDB TABLE (NFT) FOR THE NCB BUFFERS ASSOCIATED WITH THIS NET
128	(80)	ADDRESS	4	JNNFTCBF	ADDRESS OF NFT BUFFER FOR THE CURRENT NFT ENTRY ASSOCIATED WITH THE NCB
132	(84)	ADDRESS	4	JNNFTCEN	ADDRESS OF NFT ENTRY ASSOCIATED WITH THE NCB
136	(88)	BITSTRING	1	JNEND(0)	- END OF CONTROL BLOCK
136	(88)	BITSTRING	1	JNSIZE(0)	-L'JNSIZE IS SIZE OF ENTRY

Table 376. Cross Reference for IATYJNT

Name	Offset	Hex Tag
JNCBID	4	D1D5C3C2
JNCBLENO	6E	70
JNCBRSVS	54	0
JNCBSIZE	1C	88
JNCBTMDT	58	0
JNCBUSER	30	
JNCURCNT	20	
JNDFCB	2C	
JNDJACT	26	2
JNDJED	26	40
JNDJINIT	26	1
JNDJNOT	26	20
JNDJRSET	28	1
JNDLEVEL	27	20
JNEND	88	
JNFDBPRV	48	0
JNFDBSAV	3C	0
JNFLAG1	26	
JNFLAG2	27	
JNFLAG3	28	
JNFLUSH	26	80
JNID	8	
JNINTSNT	27	10
JNISACNT	6E	0
JNJSEALC	74	
JNJSEBUF	70	
JNJSEFRE	78	
JNMISUBN	26	8
JNMISUCC	26	4
JNNCBFDB	10	
JNNETCAN	26	10
JNNETDEL	27	8
JNNEXT	0	
JNNFTBUF	7C	
JNNFTCBF	80	
JNNFTCEN	84	
JNNORECV	27	4
JNPNDCNT	6C	0
JNRCERRD	60	0
JNRECERR	27	2
JNRESVD1	24	
JNSAVCUR	38	0
JNSAVPRV	34	0
JNSIZE	88	
JNSTART	0	
JNTDSET	28	2

Table 376. Cross Reference for IATYJNT (continued)

Name	Offset	Hex Tag
JNTOTCNT	1E	
JNTRSVS	23	
JNUNRERR	27	1
JNWTCONT	22	0

IATYJOB information

IATYJOB programming interface information

IATYJOB is a programming interface.

IATYJOB heading information

Common name: Job Level Information

Macro ID: IATYJOB

DSECT name: IATYJOB

Owning component: JES3 (SC1BA)

Eye-catcher ID: NONE

Storage attributes: Main Storage: SUBPOOL ZERO
Auxiliary Storage: N/A
Subpool: ZERO
Key: 1 (JESKEY)
Residency: BELOW, ANY

Size: See Assembler Listing

Created by: IATIICM

Pointed to by: Contained Within IDD
(MACRO IATYIDD)

Serialization: None

Function: This macro contains job level information from the SWA control blocks (JCT, ACT).

IATYJOB mapping

Table 377. Structure IATYJOB

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATYJOB	
0	(0)	SIGNED	4	JBLTSOID	- TSO USER ID PTR
4	(4)	SIGNED	4	JBLACT#1	ADDRESS OF IDDACT#1 WHICH CONTAINS PROGRAMMER NAME, JOB TIME, AND JOB ACCTG INFO COPIED FROM THE FIRST JOB ACT
8	(8)	SIGNED	4	JBLACT#2	ADDRESS OF IDDACT#2 WHICH CONTAINS PROGRAMMER NAME, JOB TIME, AND JOB ACCTG INFO COPIED FROM THE SECOND JOB ACT
12	(C)	SIGNED	4	JBLSMFU	- PTR TO USER SMF AREA
16	(10)	CHARACTER	1	JBLRSVD1	RESERVED FOR DEVELOPMENT 0043
17	(11)	CHARACTER	1	JBLMSGCL	- JOB MESSAGE CLASS
18	(12)	CHARACTER	1	JBLPRTY	- JOB PRIORITY
19	(13)	CHARACTER	1	JBLCLASS	- JOB CLASS
20	(14)	BITSTRING	1	JBLFSTEP	- STEP NUM OF FIRST STP TO RUN
21	(15)	BITSTRING	1	JBLRSTRT	- JOB RESTART FLAGS

Table 377. Structure IATYJOB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
---------- 16710TAM Definition of JBLRSTRT 16710TAM ---------- 16710TAM					
		1...		JBLSTPRS	"X'80'" - Step restart specified 16710TAM
		.1..		JBLCHKRS	"X'40'" - Checkpoint restart specif'd 16710TAM
		.... 1...		JBLJRNL	"X'08'" Journal required 16710TAM 16710TAA
22	(16)	BITSTRING	1	JBLFLAG1	- JOB STATUS FLAG
---------- 16710TAM Definition of JBLFLAG1 16710TAM ---------- 16710TAM					
		1...		JBLADDRL	"X'80'" - ADDRSPC=REAL was specified 16710TAM 16710TAA
24	(18)	SIGNED	4	JBLRSVD	RESERVED FOR DEVELOPMENT
28	(1C)	SIGNED	4	JBLRSVS	RESERVED FOR SERVICE
32	(20)	SIGNED	4	JBLRSVU	RESERVED FOR USER
36	(24)	BITSTRING	1	JBLEND(0)	- END OF JOBL ENTRY 10#16710TAD

Table 378. Cross Reference for IATYJOB

Name	Offset	Hex Tag
IATYJOB	0	
JBLACT#1	4	0
JBLACT#2	8	0
JBLADDRL	16	80
JBLCHKRS	15	40
JBLCLASS	13	40
JBLEND	24	
JBLFLAG1	16	0
JBLFSTEP	14	0
JBLJRNL	15	8
JBLMSGCL	11	40
JBLPRTY	12	40
JBLRSTRT	15	0
JBLRSVD	18	0
JBLRSVD1	10	
JBLRSVS	1C	0
JBLRSVU	20	0
JBLSMFU	C	0
JBLSTPRS	15	80
JBLTSOID	0	0

IATYJPRT information

IATYJPRT heading information

Common name:	JCT DATA SPACE PAGE RELEASE TABLE
Macro ID:	IATYJPRT
DSECT name:	JPRTSTRT
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	JPRT Offset: 0 Length: 4
Storage attributes:	Main Storage: SUBPOOL 0 Auxiliary Storage: N/A
Size:	104 Bytes
Created by:	IATINJQ
Pointed to by:	JQXPAGRL in IATYJQX
Serialization:	NONE
Function:	This macro maps the page release table used for the JCT data space.

IATYJPRT mapping

Table 379. Structure JPRTSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JPRTSTRT	, JCT DATA SPACE PAGE RELEASE TABLE
0	(0)	CHARACTER	4	JPRTID	CONTROL BLOCK ID
4	(4)	SIGNED	4	JPRTTSIZ	TOTAL SIZE OF TABLE
8	(8)	SIGNED	4	JPRTSAVE(18)	SAVE AREA USED TO DSPSERV CALLS
80	(50)	SIGNED	4	JPRTRSVD(2)	RESERVED FOR DEVELOPMENT
88	(58)	SIGNED	4	JPRTRSVS(2)	RESERVED FOR SERVICE
96	(60)	SIGNED	4	JPRTRSVU(2)	RESERVED FOR USER
104	(68)	SIGNED	4	JPRTHEND(0)	END OF PAGE RELEASE TABLE HEADER
104	(68)	X'68'	0	JPRTHSIZ	"*-JPRTSTRT" SIZE OF PAGE RELEASE TABLE HEADER
				JCT DATA SPACE PAGE RELEASE TABLE DATA - THERE IS ONE BYTE FOR EACH JCT DATA SPACE PAGE.	
104	(68)	BITSTRING	1	JPRTDATA(0)	

Table 380. Cross Reference for IATYJPRT

Name	Offset	Hex Tag
JPRTDATA	68	
JPRTHEND	68	
JPRTHSIZ	68	68
JPRTID	0	D1D7D9E3
JPRTRSVD	50	0
JPRTRSVS	58	0
JPRTRSVU	60	0
JPRTSAVE	8	0
JPRTSTRT	0	
JPRTTSIZ	4	0

IATYJPSE information

IATYJPSE heading information

Common name:	JQE Priority Scan Element
Macro ID:	IATYJPSE
DSECT name:	JPSESTRT
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	JPSE Offset: 0 Length: 4
Storage attributes:	Main Storage: Any Subpool: 0 Key: 0
Size:	JPSESIZE bytes
Created by:	IATGRJX
Pointed to by:	JQXPSEHD in IATYJQX JQXPSEFR in IATYJQX JPSENEXT in IATYJPSE
Serialization:	None
Function:	This macro maps the data that is used to keep track of a JQE priority scan. When an FCT AENQ's on a priority, a JQE priority scan element is created and anchored from the appropriate priority queue header in the JQX (JQXPSEHD). When the end of a priority is reached or the priority is DEQ'd, the priority scan element is returned to the free pool.

IATYJPSE mapping

Table 381. Structure JPSESTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JPSESTRT	, JQX Priority Scan Element
0	(0)	CHARACTER	4	JPSEID	Control block id
4	(4)	ADDRESS	4	JPSENEXT	Address of next element in the queue
8	(8)	ADDRESS	4	JPSEFCT	Address of FCT associated with this element
12	(C)	ADDRESS	4	JPSEDSP	Address of DSP dictionary associated with this element
16	(10)	SIGNED	4	JPSEJBNO	Next job in priority scan This is a 32-bit unsigned integer from 1 to the equated definition of MAXIMUM_JOB_NUMBER_ALLOWED. A value of X'FFFFFFFF' indicates a marker for end of priority scan
20	(14)	BITSTRING	1	JPSEPRTY	Priority being scanned
	Definition of JPSEFLG1.				
21	(15)	BITSTRING	1	JPSEFLG1	Flag one
		1...		JPSEEXCL	"X'80'" Exclusive use of the priority was requested. If off, shared use of the priority was requested.
22	(16)	BITSTRING	2	JPSERSVD	Reserved for development
24	(18)	DBL WORD	8	JPSEEND(0)	End of an element
24	(18)	X'18'	0	JPSESIZE	"*-JPSESTRT" Size of an element
24	(18)	X'14'	0	JPSECNT	"20" Number of elements in an extent

Table 382. Cross Reference for IATYJPSE

Name	Offset	Hex Tag
JPSECNT	18	14
JPSEDSP	C	
JPSEEND	18	
JPSEEXCL	15	80
JPSEFCT	8	
JPSEFLG1	15	0
JPSEID	0	D1D7E2C5
JPSEJBNO	10	0
JPSENEXT	4	
JPSEPRTY	14	0
JPSERSVD	16	0
JPSESIZE	18	18
JPSESTRT	0	

IATYJQE information

IATYJQE programming interface information

The following field is **NOT** programming interface information:

- JQEXADDR

IATYJQE heading information

Common name:	JOB QUEUE ELEMENT
Macro ID:	IATYJQE
DSECT name:	JQESTART, JQE3STRT, JQE2STRT
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Main Storage: JES3 Private Area (Subpool 0) Auxiliary Storage: None
Size:	JQESIZE bytes
Created by:	IATINJQ
Pointed to by:	JQX0AD, JQX1AD, JQX2AD, JQX3AD, JQX4AD OF IATYJQX
Serialization:	N/A
Function:	Contains the storage resident job queue element.

IATYJQE mapping

Table 383. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

Table 384. Structure JQESTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JQESTART	

Table 384. Structure JQESTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	BITSTRING	12	JQEFDB	FDB FOR JCT I/O REQUESTS
12	(C)	SIGNED	4	JQEJNO	Job number
16	(10)	SIGNED	4	JQEPREV	Jobno previous job this PRTY
20	(14)	SIGNED	4	JQENEXT	Jobno next job this PRTY
24	(18)	BITSTRING	12	JQEJCTX	FDB for JCTX I/O requests
36	(24)	ADDRESS	4	JQEQCELA	Quickcell containing the JCT and JCTX combination
40	(28)	BITSTRING	1	JQEFLG1	CONTROL FLAG 1
	Definition of JQEFLG1.				
		1...		JQEALLOC	"X'80'" THIS JQE CURRENTLY ALLOCATED
		.1..		JQENORD	"X'40'" RO ACCESS PROHIBITED
		..1.		JQEDEL	"X'20'" ALLOW TYPE=DEL ONLY
		...1		JQEFREEZ	"X'10'" SAME AS JCTFREEZ
		.... 1...		JQEDJCOH	"X'08'" DJC OPERATOR HOLD
		.... .1..		JQEDJHLD	"X'04'" JCT IS IN NET HOLD
		.... ..1.		JQECAT	"X'02'" Catastrophic error on the JQE or JCT
		1		JQEMSG	"X'01'" Catastrophic error message issued
41	(29)	BITSTRING	1	JQEFLG2	CONTROL FLAG 2
	Definition of JQEFLG2.				
		1...		JQEDUPNM	"X'80'" JSS HAS MOVED THE JOB FROM THE DUPLICATE JOBNAME QUEUE
		.1..		JQEDJBYP	"X'40'" BYPASS DJ FOR THIS JOB -- WAS ALREADY PROCESSED BY DJ.
		..1.		JQEDSEL	"X'20'" DEMAND SELECT JOB
		...1		JQEFSS	"X'10'" JOB RUNS AS FSS ADDR SPACE
		.... 1...		JQESPHLD	"X'08'" JOB IS IN SPOOL HOLD
		.... .1..		JQESBOWN	"X'04'" 0 => JOB OWNER FROM JOBCARD OR PROPAGATED FROM SUBMITTOR 1 => USE SUBMITTOR AS OWNER (MAY BE / MAIN USER=)
		.... ..1.		JQEBELEF	"X'02'" Belated ending function scheduled for this job by JSS
		1		JQESCHEN	"X'01'" Job has a scheduling environment
44	(2C)	SIGNED	4	JQERESQ	ADDR OF RESQ
48	(30)	SIGNED	4	JQERWFCT	RW FCT ADDR
52	(34)	BITSTRING	1	JQERWENQ	RW ENQ BYTE
	Definition of JQERWENQ byte				
		1...		JQEJCTLK	"X'80'" JCT is in read/write mode. Holding FCT is in JQERWFCT.
53	(35)	BITSTRING	1	JQERSTFL	JOB RESTART REQUIREMENTS FLAG
	Definition of JQERSTFL (same as JVWRSTFL in IATYJVW)				
		1...		JQEPCRST	"X'80'" PROCLIB RESTART REQUIRED
		.1..		JQEOSEBY	"X'40'" BYPASS OSE BUILD

Table 384. Structure JQESTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		JQESOMAR	"X'20'" RQ FOR MAIN AND OUTSERV CHNS
54	(36)	BITSTRING	1	JQEFLG3	JQE Flag Three
		Definition of JQEFLG3.			
		1...		JQEMSNCM	"X'80'" C/I processing is complete for this job but main service is not complete
		.1..		JQERECLS	"X'40'" WLM reclassification is required for this job
		..1.		JQERECIP	"X'20'" WLM reclassification is in progress for this job
		...1		JQEDLYCK	"X'10'" Delay checkpointing is required for this job
		.... 1...		JQENDOFF	"X'08'" Reset DJ non-dumpable flags when this job ends.
		.... .1..		JQECIRES	"X'04'" CI was interrupted and rescheduled
		.... ..1.		JQERF302	"X'02'" Reserved flag
		1		JQERF301	"X'01'" Reserved flag
55	(37)	BITSTRING	1	JQEE70CQ	Last queue signalled for ENF70. See ENF70_QUEUE in IAZENF70 for valid values
56	(38)	BITSTRING	1	JQEFL1	SAME AS JCTFL1
57	(39)	BITSTRING	1	JQEFL2	SAME AS JCTFL2
58	(3A)	BITSTRING	1	JQEUCT	USE COUNT FOR R/O USERS
59	(3B)	BITSTRING	1	JQEPRTY	JOB PRIORITY
60	(3C)	BITSTRING	1	JQESTAT1	SEDSPNO FOR CURNT/NXT S.E.
61	(3D)	BITSTRING	1	JQESTAT2	SEFLAGS FOR CURNT/NXT S.E.
62	(3E)	BITSTRING	1	JQECLS	GMS JOB CLASS SEQ
63	(3F)	BITSTRING	1	JQEGRP	GMS EXRESC GROUP SEQ
64	(40)	CHARACTER	8	JQEORG	JOB ORIGIN 22
72	(48)	CHARACTER	8	JQEOUSID	OWNING USER ID D020
80	(50)	CHARACTER	8	JQETUSID	SUBMITTING TSO USERID 0618
88	(58)	CHARACTER	8	JQESCHCL	GMS JOB CLASS NAME
96	(60)	BITSTRING	1	JQESESEQ	CURRENT SE SEQUENCE NUMBER
97	(61)	BITSTRING	1	JQEQFLGS	JQE WAIT QUEUE INDICATORS
		Definition of JQEQFLGS. Note: IATGRJS, IATGRWJ, IATMFR5, IATMFS5, and IATUTDS must be updated if changes are made to JQEQFLGS.			
		1		JQEQRDY	"X'01'" THIS JQE IS WAITING FOR JSS 0181 SE SCHEDULING OR ENDING FUNCTION PROCESSING; THE JQE IS ON THE JSSREADY JQE CHAIN ANCHORED IN IATGRJS.
		.... ..1.		JQEQDSP	"X'02'" THIS JQE IS WAITING FOR THE 0181 DSP TO BE RELEASED FROM HOLD OR WAITING BECAUSE OF THE DSP USE COUNT LIMIT; THE JQE IS ON THE DSPJQEWQ JQE CHAIN ANCHORED IN THE DSP DICT. ENTRY FOR THE DSP NUMBER IN FIELD JQESTAT1.

Table 384. Structure JQESTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		11		JQEQRSQ	"X'03'" THIS JQE IS WAITING FOR JSS 0181 SCHEDULING BECAUSE AN RQ WAS NOT AVAILABLE; THE JQE IS ON THE JSSRSQWT JQE CHAIN ANCHORED IN IATGRJS.
		.... .1..		JQEQPLB	"X'04'" THIS JQE IS WAITING FOR JSS 0181 SCHEDULING BECAUSE A REQUIRED PROCLIB IS UNAVAILABLE; THE JQE IS ON THE JSSPLBWT JQE CHAIN ANCHORED IN IATGRJS.
		.... .1.1		JQEQMCG	"X'05'" THIS JQE IS WAITING FOR JSS 0181 SCHEDULING BECAUSE A MAIN, CLASS, OR GROUP WAS NOT AVAILABLE; THE JQE IS ON THE JSSMCGWT JQE CHAIN ANCHORED IN IATGRJS.
		.... .11.		JQEQTEMP	"X'06'" THIS JQE CAME FROM THE C/I 0181 DSP BACKLOG BUT WASN'T 0818 SCHEDULED DUE TO BEING 0818 REJECTED BY A USER EXIT; 0818 IT WILL RESIDE ON THE 0818 JSSTMPWQ QUEUE IN IATGRJS 0818 UNTIL ALL USE COUNT POSTS 0818 HAVE BEEN PROCESSED. 0818 0818
		.... .111		JQEQSMS	"X'07'" THIS JQE IS WAITING FOR SMS 0181 RESOURCES TO BECOME AVAILABLE. THE JQE IS ON THE JSSSMSWT CHAIN ANCHORED IN IATGRJS.
		.... 1...		JQEQNMPL	"X'08'" THIS JQE IS WAITING FOR A 0181 MAIN PROCESSOR TO BECOME 0181 AVAILABLE THAT CAN PERFORM 0181 THE LOCATE PROCESSING 0181 REQUIRED BY THE JOB. 0181 0181
		.... 1..1		JQEQDUPJ	"X'09'" THIS JQE IS WAITING FOR JSS TO SCHEDULE IT TO MAIN BECAUSE THERE IS ANOTHER JOB WITH THE SAME NAME ALREADY THERE.
		.... 1.1.		JQEQCIJ	"X'0A'" This JQE is waiting for 0082 JSAM buffer usage by C/I 0082 and POSTSCAN to drop to a 0082 reasonable level. The 0082 JQE is on the JSSCIJWQ 0082 chain anchored in IATGRJS.0082 0082
98	(62)	BITSTRING	1	JQESTATE	JQE Status Indicators 0082
	Definition of JQESTATE.				
		1...		JQEQWAIT	"X'80'" THIS JQE IS ON THE JQE QUEUE INDICATED BY THE OTHER FLAGS IN JQEQFLGS.
		.1..		JQEEFSCH	"X'40'" THIS JQE IS AWAITING ENDING FUNCTION PROCESSING BY JSS.
		..1.		JQEEFSUS	"X'20'" JSS SCHEDULING OF THE NEXT SE WAS SUSPENDED AFTER EF BECAUSE THE JQE/RQ WAS LOCKED
		...1		JQEJBUSY	"X'10'" THE JCT FOR THIS JOB WAS IN USE BY ANOTHER FUNCTION WHEN JSS ATTEMPTED TO SCHEDULE OR PERFORM ENDING FUNCTION; PLACE THE JQE ON THE READY Q WHEN THE JCT IS RELEASED
		.... 1...		JQERQPAS	"X'08'" THE CURRENT RQ IS TO BE USED FOR SCHEDULING OF THE NEXT SE (OUTSERV)
		.... .1..		JQEDSPND	"X'04'" THE DSP PENDING COUNT (DSPSCCT) WAS INCREMENTED FOR THIS JQE.
		.... ..1.		JQEERROR	"X'02'" THIS JQE WAS BEING PROCESSED WHEN A JSS ERROR OCCURRED

Table 384. Structure JQESTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1		JQEJSSUS	"X'01'" THIS JQE IS BEING PROCESSED BY JSS
99	(63)	BITSTRING	1	JQEFLRSV	RESERVED FOR DEVELOPMENT
100	(64)	SIGNED	4	JQETOD	TOD THAT THIS JQE WAS FIRST ADDED TO THE JOB QUEUE, FOR QUEUEING OF JQES BY AGE.
104	(68)	ADDRESS	4	JQEQNEXT	ADDRESS OF THE NEXT JQE ON THE JQE QUEUE INDICATED BY JQEQFLGS.
108	(6C)	ADDRESS	4	JQEQPREV	ADDRESS OF THE PREVIOUS JQE ON THE JQE QUEUE INDICATED BY JQEFLGS.
112	(70)	ADDRESS	4	JQERCEAD	RQ CHAINED SRF EXT. ADDRESS
116	(74)	SIGNED	2	JQEJDSCT	NO. OF JDS BUFFERS FOR JOB
118	(76)	SIGNED	2	JQEJSTCT	NO. OF JST BUFFERS FOR JOB
120	(78)	SIGNED	4	JQEQTOD	TIME OF DAY THIS JQE WAS ADDED TO THE JSS QUEUE INDICATED BY JQEQFLGS
124	(7C)	SIGNED	4	JQEOSEC4	Number of OSE buffers for the job
128	(80)	BITSTRING	1	JQEBACKD	THE NUMBER OF THE DSP WHERE THIS JQE WAS QUEUED WHEN IT WAS MOVED FROM THE WAIT QUEUE TO THE READY QUEUE
129	(81)	BITSTRING	1	JQERNDX	Recovery index for IATGRJX
130	(82)	SIGNED	2	JQERSVU1	RESERVED FOR USER
132	(84)	ADDRESS	4	JQEXADDR	JQE Extension address or zero
136	(88)	SIGNED	4	JQEWSIMX	Current maximum WSI value for job's SYSOUT data - used to copy between RQs
140	(8C)	BITSTRING	4	JQETIMON	Time job entered JES3 (copy from JCTTIMON)
144	(90)	BITSTRING	4	JQEDATON	Date job entered JES3 (copy from JCTDATON)
148	(94)	SIGNED	4	JQERSVD1	Reserved for IBM
152	(98)	ADDRESS	8	JQEEUECH	64-bit address of EUE chain
160	(A0)	SIGNED	4	JQEEND(0)	End of JQE
160	(A0)	X'A0'	0	JQESIZE	"JQEEND-JQESTART" Size of JQE

Table 385. Structure JQE2STRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JQE2STRT	
0	(0)	SIGNED	4	JQE2JIX	Index into JQE3/JQE4 table
0	(0)	X'4'	0	JQE2END	"*"
0	(0)	X'4'	0	JQE2SIZE	"JQE2END-JQE2STRT" Length of JQE2

Table 386. Structure JQE3STRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JQE3STRT	
0	(0)	CHARACTER	8	JQE3JNAM	THE JOB NAME
8	(8)	CHARACTER	8	JQE3JOWN	OWNER OF JOB
8	(8)	X'10'	0	JQE3END	"*"
8	(8)	X'10'	0	JQE3SIZE	"JQE3END-JQE3STRT" LENGTH OF JQE3

Table 387. Cross Reference for IATYJQE

Name	Offset	Hex Tag
JQEALLOC	28	80
JQEBACKD	80	0
JQEBELEF	29	2
JQECAT	28	2
JQECIRES	36	4
JQECLS	3E	0
JQEDATON	90	
JQEDEL	28	20
JQEDJBYP	29	40
JQEDJCOH	28	8
JQEDJHLD	28	4
JQEDLYCK	36	10
JQEDSEL	29	20
JQEDSPND	62	4
JQEDUPNM	29	80
JQEEFSCH	62	40
JQEEFSUS	62	20
JQEEND	A0	
JQEERROR	62	2
JQEEUECH	98	
JQEE70CQ	37	0
JQEFDB	0	0
JQEFLG1	28	0
JQEFLG2	29	0
JQEFLG3	36	0
JQEFLRSV	63	0
JQEFL1	38	0
JQEFL2	39	0
JQEFREEZ	28	10
JQEFSS	29	10
JQEGRP	3F	0
JQEJBUSY	62	10
JQEJCTLK	34	80
JQEJCTX	18	0
JQEJDSCT	74	0
JQEJNO	C	0
JQEJSSUS	62	1
JQEJSTCT	76	0
JQEMSG	28	1
JQEMSNCM	36	80
JQENDOFF	36	8
JQENEXT	14	0
JQENORD	28	40
JQEORG	40	40404040
JQEOSEBY	35	40
JQEOSEC4	7C	0

Table 387. Cross Reference for IATYJQE (continued)

Name	Offset	Hex Tag
JQEOUSID	48	40404040
JQEPCRST	35	80
JQEPREV	10	0
JQEPRTY	3B	0
JQEQCELA	24	
JQEQCIJ	61	A
JQEQDSP	61	2
JQEQDUPJ	61	9
JQEQFLGS	61	0
JQEQMCG	61	5
JQEQNEXT	68	
JQEQNMPL	61	8
JQEQPLB	61	4
JQEQPREV	6C	
JQEQRDY	61	1
JQEQRSQ	61	3
JQEQSMS	61	7
JQEQTEMP	61	6
JQEQTOD	78	0
JQEQWAIT	62	80
JQERCEAD	70	
JQERECIP	36	20
JQERECLS	36	40
JQERESQ	2C	0
JQERF301	36	1
JQERF302	36	2
JQERNDX	81	0
JQERQPAS	62	8
JQERSTFL	35	0
JQERSVD1	94	0
JQERSVU1	82	0
JQERWENQ	34	0
JQERWFCT	30	0
JQESBOWN	29	4
JQESCHCL	58	40404040
JQESCHEN	29	1
JQESESEQ	60	0
JQESIZE	A0	A0
JQESOMAR	35	20
JQESPHLD	29	8
JQESTART	0	
JQESTATE	62	0
JQESTAT1	3C	0
JQESTAT2	3D	0
JQETIMON	8C	
JQETOD	64	0

Table 387. Cross Reference for IATYJQE (continued)

Name	Offset	Hex Tag
JQETUSID	50	40404040
JQEUCT	3A	0
JQEWSIMX	88	0
JQEXADDR	84	
JQE2END	0	4
JQE2JIX	0	
JQE2SIZE	0	4
JQE2STRT	0	
JQE3END	8	10
JQE3JNAM	0	
JQE3JOWN	8	
JQE3SIZE	8	10
JQE3STRT	0	

IATYJQEX information

IATYJQEX heading information

Common name: Job Queue Element Extension (JQEX)

Macro ID: IATYJQEX

DSECT name: JQEX_START

Owning component: JES3 (SC1BA)

Eye-catcher ID: JQEX
Offset: 0
Length: 4

Storage attributes: Main Storage: Any
Subpool: 0
Key: 0

Size: JQEX_SIZE bytes

Created by: IATGRJXS

Pointed to by: JQEXADDR in IATYJQE

Serialization: None

Function: This macro maps the Job Queue Element Extension (JQEX) that contains information from the job's JCT while it is in certain phases of JES3 processing.

IATYJQEX mapping

Table 388. Structure JQEX_START

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JQEX_START	, Job Queue Element Extension
0	(0)	CHARACTER	4	JQEX_ID	Control block id
		Definition of JQEX_FLAG1			
4	(4)	BITSTRING	1	JQEX_FLAG1	JQEX flag one
		1...		JQEX_GETMAIN	"X'80'" This JQEX was GETMAINed (instead of from the cellpool)
		.1..		JQEX_MAININF	"X'40'" This JQEX contains information for use during main service

Table 388. Structure JQEX_START (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
5	(5)	BITSTRING	3	JQEX_RSVD1	Reserved for IBM
8	(8)	SIGNED	4	JQEX_COMMEND(0)	End of common information
		Information for use during main service.			
8	(8)	SIGNED	4	JQEX_MAINMASK	Main eligibility mask
12	(C)	CHARACTER	8	JQEX_SRVCLASS	Service class name
20	(14)	SIGNED	4	JQEX_WLMTOKEN	WLM classification token
		Delay times. The delay times from resource delay to operational delay correspond to the delay types in JQEX_DELAYTYP.			
24	(18)	SIGNED	4	JQEX_CONVDLY	Total C/I delay
28	(1C)	BITSTRING	12	JQEX_DLYSTART(0)	Start of delays represented represented by JQEX_DELAYTYP
28	(1C)	SIGNED	4	JQEX_RESCDLY	Total resource delay
32	(20)	SIGNED	4	JQEX_JESSCDLY	Total JES scheduling delay
36	(24)	SIGNED	4	JQEX_OPERDLY	Total operational delay
40	(28)	SIGNED	4	JQEX_CURDLYTM	Current delay time stamp
		Definition of JQEX_DELAYTYP. Delay types are in order from least restrictive to most restrictive.			
44	(2C)	BITSTRING	1	JQEX_DELAYTYP	Current delay type represented by time stamp in JQEX_CURDLYTM
44	(2C)	X'0'	0	JQEX_TYPNONE	"0" No delay
44	(2C)	X'1'	0	JQEX_TYPRESC	"1" Resource delay
44	(2C)	X'2'	0	JQEX_TYPJESSC	"2" JES scheduling delay
44	(2C)	X'3'	0	JQEX_TYPOPER	"3" Operational delay
		The delay reason code is the condition that caused the delay type in JQEX_DELAYTYP to be set. It provides more detailed information about the delay type. The delay reason codes are defined in macro IATYRQJS and are the same as the RQJSTAT reason codes used when a job is bypassed during MDS or GMS processing.			
45	(2D)	BITSTRING	1	JQEX_DELAYRSN	Delay reason
46	(2E)	BITSTRING	2	JQEX_RSVD2	Reserved for IBM
		End of JQEX.			
48	(30)	DBL WORD	8	JQEX_END(0)	End of element
48	(30)	X'30'	0	JQEX_SIZE	"JQEX_END-JQEX_START" Size of element
		Miscellaneous equates.			
48	(30)	X'64'	0	JQEX_PRIMSIZE	"100" Number of JQEX's in the primary extent
48	(30)	X'64'	0	JQEX_SECNSIZE	"100" Number of JQEX's in each secondary extent

Table 389. Cross Reference for IATYJQEX

Name	Offset	Hex Tag
JQEX_COMMEND	8	

Table 389. Cross Reference for IATYJQEX (continued)

Name	Offset	Hex Tag
JQEX_CONVDLY	18	0
JQEX_CURDLYTM	28	0
JQEX_DELAYRSN	2D	0
JQEX_DELAYTYP	2C	0
JQEX_DLYSTART	1C	
JQEX_END	30	
JQEX_FLAG1	4	0
JQEX_GETMAIN	4	80
JQEX_ID	0	D1D8C5E7
JQEX_JESSCDLY	20	0
JQEX_MAININF	4	40
JQEX_MAINMASK	8	0
JQEX_OPERDLY	24	0
JQEX_PRIMSIZE	30	64
JQEX_RESCDLY	1C	0
JQEX_RSVD1	5	0
JQEX_RSVD2	2E	0
JQEX_SECNSIZE	30	64
JQEX_SIZE	30	30
JQEX_SRVCLASS	C	40404040
JQEX_START	0	
JQEX_TYPJESSC	2C	2
JQEX_TYPNONE	2C	0
JQEX_TYPOPER	2C	3
JQEX_TYPRESC	2C	1
JQEX_WLMTOKEN	14	0

IATYJQX information

IATYJQX heading information

Common name: JCT ACCESS METHOD DATA AREA

Macro ID: IATYJQX

DSECT name: None

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Main Storage: JES3 NUCLEUS (IATGRJX)
Subpool: JESPOOL
Key: 1 (JESKEY)
Residency: Any

Size: 408 Bytes

Created by: IATINJQ

Pointed to by: TVTJQX IN IATYTVT

Serialization: JCT ACCESS METHOD

Function: JCT Access Method Data Area

IATYJQX mapping

Table 390. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

Table 391. Structure SRFSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SRFSTART	
0	(0)	BITSTRING	6	SRFTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	SRFCNT	USER COUNT.
8	(8)	CHARACTER	4	SRFID	File id.
12	(C)	BITSTRING	12	SRFCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	SRFVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	SRFDATA(0)	START OF USER DATA AREA.

Table 392. Structure JQXSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JQXSTART	
0	(0)	CHARACTER	4	JQXID	DIAGNOSTIC ID
4	(4)	ADDRESS	4	JQX0AD	ADDR JQE0
8	(8)	ADDRESS	4	JQX1AD	ADDR JQE1
12	(C)	ADDRESS	4	JQX2AD	ADDR JQE2
16	(10)	ADDRESS	4	JQX3AD	ADDR JQE3
20	(14)	ADDRESS	4	JQX4AD	ADDR JQE4
24	(18)	SIGNED	4	JQXJEND	END OF JQE4 TABLE
28	(1C)	SIGNED	4	JQXHINM	HI JOBNAME ADDR IN JQE3
32	(20)	SIGNED	4	JQXHIJQ	HI JQE ADDR IN JQE4
	JCT cache information				
36	(24)	ADDRESS	4	JQXPAGRL	JCT cache page release TABLE. INDICATES WHICH JCT cache pages contain allocated JCTs
40	(28)	ADDRESS	8	JQXJSTAD	Starting address for the JCT cache
48	(30)	ADDRESS	8	JQXJCTBA	JCT cache beginning address (Set by IARV64 when creating the JCT cache)
56	(38)	ADDRESS	8	JQXJCTEA	Ending address of the JCT cache.
64	(40)	SIGNED	4	JQXVRAEN(0)	END OF THE VRADATA PART OF THE JQX. THE JQX FROM JQXSTART TP JQXVRAEN IS MOVED TO THE VRA
64	(40)	X'40'	0	JQXVRALN	"*-JQXSTART" LENGTH OF JQX FOR VRADATA
64	(40)	ADDRESS	4	JQXJCPB	CPB address for JCT buffer pool used by IATXJCT svce
	JMF STATISTICS				
68	(44)	SIGNED	4	JQXREAD	TOTAL JCT JESREADS
72	(48)	SIGNED	4	JQXWRITE	TOTAL JCT AWRITES
76	(4C)	SIGNED	4	JQXJBADD	NUMBER OF JOBS ADDED TO THE JOB QUEUE (NUMBER OF IATXJCT TYPE=ADD REQUESTS)

Table 392. Structure JQXSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
80	(50)	SIGNED	4	JQXJBDEL	NUMBER OF JOBS DELETED FROM THE JOB QUEUE (NUMBER OF IATXJCT TYPE=DEL REQUESTS) 20#
84	(54)	SIGNED	4	JQXPGSIU	Number of JCT 64-bit store PAGES IN USE
88	(58)	SIGNED	4	JQXJQ4PG	NUMBER OF JQE4 PAGES IN USE
92	(5C)	SIGNED	4	JQXPGSRL	Number of JCT 64-bit store PAGES RELEASED SO FAR
		The FDB and SRF prefix data is used during JES3 initialization as input to the IATXJCT TYPE=ADD call.			
96	(60)	BITSTRING	1	JQXJCTPF	JCT SRF prefix for IATXJCT
96	(60)	X'60'	0	JQXSPADR	"JQXJCTPF,L'FDBSPADR" M.R FOR JCT ADD (WARM/HOT)
124	(7C)	SIGNED	2	JQXFXSZ	Length of fixed section of JCT entry based on JCT data set record length: JQXMXSZ - SRF_prefix_size - size_of_SE_array
126	(7E)	SIGNED	2	JQXRSVDE	Reserved for IBM
128	(80)	BITSTRING	12	JQXJXFDB	JCTX FDB
140	(8C)	BITSTRING	28	JQXJXPFX	JCTX SRF prefix
168	(A8)	SIGNED	4	JQXMXSZF	JCT + SE's + SRF prefix size as fullword
170	(AA)	SIGNED	2	JQXMXSZ	JCT + SE'S + SRF PREFIX SIZE
172	(AC)	SIGNED	2	JQXMXSZP	JCT size within the cellpool (JCT+SEs w/o prefix)
174	(AE)	SIGNED	2	JQXRSVD1	Reserved for IBM
176	(B0)	SIGNED	4	JQXJCTPS	JCT size in 64-bit cache (JCTMXSZ - SRF prefix + JCTXTOTL)
180	(B4)	SIGNED	4	JQXJCTCZ	Same as JQXJCTPS but without the SRF prefixes
180	(B4)	X'B6'	0	JQXJCTCH	"JQXJCTCZ+2,2" Same as halfword
184	(B8)	SIGNED	4	JQXWCT	WRITE ITERATION COUNT
188	(BC)	SIGNED	4	JQXJMAX	Total number of JCT records in the JCT data set
192	(C0)	SIGNED	4	JQXCNT	Total bytes needed by the JQE1 table
196	(C4)	ADDRESS	4	JQXCURNT	Number of JQEs in use
200	(C8)	ADDRESS	4	JQXHW	High watermark JQE total
204	(CC)	BITSTRING	1	JQXRSVDD	RESERVED FOR DEVELOPMENT
		FLAGS			
205	(CD)	BITSTRING	1	JQXFLG1	JQE/JCT CONTROL FLAG 1
		DEFINITION OF BITS IN JQXFLG1			
		1...		JQXINIT	"X'80'" JQE/JCT INIT COMPLETE
206	(CE)	BITSTRING	1	JQXFLG2	JQE/JCT CONTROL FLAG 2
		DEFINITION OF BITS IN JQXFLG2			
207	(CF)	BITSTRING	1	JQXFLG3	JQE/JCT CONTROL FLAG 3
		DEFINITION OF BITS IN JQXFLG3			

Table 392. Structure JQXSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
208	(D0)	SIGNED	4	JQXRESVS	RESERVED FOR SERVICE
212	(D4)	SIGNED	4	JQXRESVD	RESERVED FOR DEVELOPMENT
216	(D8)	SIGNED	4	JQXRESV4(2)	RESERVED FOR USER
PRIORITY LEVEL ACCESS CONTROL FIELDS					
224	(E0)	SIGNED	4	JQXPHEAD(16)	First job PRTY 0-15
288	(120)	SIGNED	4	JQXPTAIL(16)	Last job PRTY 0-15
352	(160)	ADDRESS	4	JQXPSEHD(16)	JQE priority scan element queue headers. There is one queue header for each priority. It contains a pointer to the first JQE priority scan element which represents an FCT scanning the JQE priority.
416	(1A0)	ADDRESS	4	JQXPSEFR	Address of first JQE priority scan element on the free queue
420	(1A4)	ADDRESS	4	JQXPENQ	"V(GRJXPENQ)" IATXPENQ (Priority ENQ) quick check routine address in IATGRJX
424	(1A8)	ADDRESS	4	JQXPENQ2	"V(GRJXPNQ2)" IATXPENQ (Priority ENQ) AENQ routine address in IATGRJX
428	(1AC)	ADDRESS	4	JQXPDEQ	"V(GRJXPDEQ)" IATXPDEQ (Priority DEQ) routine address in IATGRJX
432	(1B0)	ADDRESS	4	JQXSRCSV	"V(JQSRCHSV)" IATXJQE search function router routine address in IATGRJQS
436	(1B4)	ADDRESS	4	JQXJXSRV	"V(JQEXSERV)" IATXJQEX router routine address in IATGRJXS
440	(1B8)	ADDRESS	4	JQXJXCPB	JQEX cellpool block address
444	(1BC)	SIGNED	4	JQXRSVD2(6)	Reserved for IBM
468	(1D4)	SIGNED	2	JQXRSVD3	Reserved for IBM
470	(1D6)	SIGNED	2	JQXSECNT	Scheduler Element count
JQXPSTAT TO ADDRESS FLAG BYTES FOR A SPECIFIC PRIORITY: ASSUME R1=PRIORITY, R2=ADDRESS OF JQXPSTAT MH R1,=H'4' PRTY ENTRY SIZE AR R2,R1 ADDR PRTY STATUS WORD USING JQXPSTAT,R2 BASE FOR PRTY STATUS WORD ACCESS JQXPFL0-3 AS REQUIRED DROP R2 RESET					
472	(1D8)	SIGNED	4	JQXPSTAT(0)	PRTY STATUS (1 FLWD/PRTY)
472	(1D8)	BITSTRING	1	JQXPFL0	PRIORITY STATUS
DEFINITION OF BITS IN JQXPF0					
		1...		JQXPHOLD	"X'80'" PRTY IS HELD
		...1		JQXPRELH	"X'10'" PRIORITY RELEASED FROM HOLD
473	(1D9)	BITSTRING	1	JQXPFL1	RESERVED FOR SERVICE
474	(1DA)	BITSTRING	1	JQXPFL2	RESERVED FOR DEVELOPMENT
475	(1DB)	BITSTRING	1	JQXPFL3	RESERVED FOR USER
472	(1D8)	SIGNED	4	(16)	PRTY CONTROL WORDS
472	(1D8)	X'218'	0	JQXEND	"*" END OF JQX

Table 392. Structure JQXSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description

```
VARIABLE LENGTH CONTROL BLOCK STORAGE IS GETMAINED IN PAGES
ADDITIONAL BYTES FOR ALLIGNMENT MAY MAKE THE STORAGE SIZE
SLIGHTLY LARGER THAN INDICATED BY INDIVIDUAL CONTROL BLOCK
REQUIREMENT AS CALCULATED BY THE NUMBER OF ENTRIES.
Sizes of individual table entries are defined in IATINJQ,
which is also responsible for obtaining the tables and
storing table addresses in IATYJQX.
       JQE0 (PAGE RELEASE TABLE - 1 HALFWORD PER ALLOC PAGE)
       JQE1 (JQE ALLOCATION TABLE - 1 BIT PER JOB NUMBER)
       JQE2 (Job number table - 4 bytes per job number)
       JQE3 (JOB NAME TABLE - 2 DOUBLEWORDS PER JOB NUMBER)
       JQE4 (JQE ENTRY TABLE - 88 BYTES PER JOB NUMBER)
```

Table 393. Cross Reference for IATYJQX

Name	Offset	Hex Tag
JQXCNT	C0	0
JQXCURNT	C4	
JQXEND	1D8	218
JQXFLG1	CD	0
JQXFLG2	CE	0
JQXFLG3	CF	0
JQXFXSZ	7C	0
JQXHIJQ	20	0
JQXHINM	1C	0
JQXHW	C8	
JQXID	0	D1D8E740
JQXINIT	CD	80
JQXJBADD	4C	0
JQXJBDEL	50	0
JQXJCPB	40	
JQXJCTBA	30	
JQXJCTCH	B4	B6
JQXJCTCZ	B4	0
JQXJCTEA	38	
JQXJCTPF	60	0
JQXJCTPS	B0	0
JQXJEND	18	0
JQXJMAX	BC	0
JQXJQ4PG	58	0
JQXJSTAD	28	
JQXJXCPB	1B8	
JQXJXFDB	80	0
JQXJXPFX	8C	0
JQXJXSRV	1B4	
JQXMXSZ	AA	0
JQXMXSZF	A8	0
JQXMXSZP	AC	0
JQXPAGRL	24	
JQXPDEQ	1AC	
JQXPENQ	1A4	

Table 393. Cross Reference for IATYJQX (continued)

Name	Offset	Hex Tag
JQXPENQ2	1A8	
JQXPFL0	1D8	0
JQXPFL1	1D9	0
JQXPFL2	1DA	0
JQXPFL3	1DB	0
JQXPGSIU	54	0
JQXPGSRL	5C	0
JQXPHEAD	E0	0
JQXPHOLD	1D8	80
JQXPRELH	1D8	10
JQXPSEFR	1A0	
JQXPSEHD	160	
JQXPSTAT	1D8	
JQXPTAIL	120	0
JQXREAD	44	0
JQXRESVD	D4	0
JQXRESVS	D0	0
JQXRESV4	D8	0
JQXRSVDD	CC	0
JQXRSVDE	7E	
JQXRSVD1	AE	0
JQXRSVD2	1BC	0
JQXRSVD3	1D4	0
JQXSECNT	1D6	0
JQXSPADR	60	60
JQXSRCSV	1B0	
JQXSTART	0	
JQXVRAEN	40	
JQXVRALN	40	40
JQXWCT	B8	0
JQXWRITE	48	0
JQX0AD	4	
JQX1AD	8	
JQX2AD	C	
JQX3AD	10	
JQX4AD	14	
SRFCHN	C	0
SRFCNT	6	0
SRFDATA	1C	
SRFID	8	E2D9C640
SRFSTART	0	
SRFTRK	0	0
SRFVLID	18	0

IATYJSE information

IATYJSE heading information

Common name: DJC Job Summary Element

Macro ID: IATYJSE

DSECT name: JSESTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: JSH
Offset: 0
Length: 4

Storage attributes: Main Storage: JSESUBPL (subpool 8)
Auxiliary Storage: N/A
Subpool: JSESUBPL (subpool 8)
Key: 1
Residency: ANY

Size: 24 BYTES

Created by: IATDCNC - NCBTAAD routine
IATINST - STT Initialization

Pointed to by: JNJSEBUF in IATYJNT
JNJSECHN in IATYJNT
JSEHNEXT in IATYJSE
JSENEXT in IATYJSE

Serialization: NONE

Function: This macro is used to map the in-storage DJC Job Summary Buffers and Elements (JSEs). Each JSE buffer consists of multiple JSE entries. Each JSE entry contains summary information about a particular job in a DJC network.

IATYJSE mapping

Table 394. Structure JSEHSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JSEHSTRT	, DJC Job Summary Buffer Header
0	(0)	CHARACTER	4	JSEHID	Control Block Id
4	(4)	ADDRESS	4	JSEHNEXT	Address of next JSE buffer on the chain. This is a LIFO queue since we will only reference the JSE buffer header when we need to obtain a new JSE entry
8	(8)	SIGNED	4	JSEHTSIZ	Total size of this JSE buffer.
12	(C)	SIGNED	4	JSEHEND(0)	End of DJC Job Summary Buffer Header
12	(C)	X'C'	0	JSEHSIZE	"JSEHEND-JSEHSTRT" Size of DJC Job Summary Buffer Header
12	(C)	X'8'	0	JSESUBPL	"8" Subpool used for JSE buffer pools
		JSECOUNT is used to determine the number of JSE entries that will appear in a JSE buffer. The number of JSE entries in a buffer is computed as: JSECOUNT JSE buffer number The number of JSE entries per buffer will increase as the number of JSE buffers increases. When we reach ten JSE buffers, subsequent buffers will have JSEBFMAX JSE entries. This allows us to slowly increase the amount of storage needed for the JSEs as the size of the DJC net increases.			
12	(C)	X'A'	0	JSECOUNT	"10" JSE entry count multiplier
12	(C)	X'64'	0	JSEBFMAX	"100" Maximum number of JSE entries per buffer

Table 395. Structure JSESTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JSESTART	, DJC Job Summary Element
0	(0)	CHARACTER	4	JSEID	Control Block Id
4	(4)	ADDRESS	4	JSENEXT	Address of next JSE on the chain
		The following information duplicates the information that is kept in the NCB out on spool. This information is duplicated in-storage in order to avoid having to read the NCB.			
8	(8)	CHARACTER	8	JSEJOBNM	Job name
16	(10)	SIGNED	4	JSEJOBNO	Binary job number
20	(14)	BITSTRING	1	JSEFLAG1	JSE Flag One
		Definition of JSEFLAG1			
		1...		JSERF180	"X'80'" Reserved flag
		.1..		JSERF140	"X'40'" Reserved flag
		..1.		JSERF120	"X'20'" Reserved flag
		...1		JSERF110	"X'10'" Reserved flag
		.... 1...		JSERF108	"X'08'" Reserved flag
		.... .1..		JSERF104	"X'04'" Reserved flag
		.... ..1.		JSERF102	"X'02'" Reserved flag
		1		JSERF101	"X'01'" Reserved flag
21	(15)	BITSTRING	1	JSEFLAG2	JSE Flag Two
		Definition of JSEFLAG2			
		1...		JSERF280	"X'80'" Reserved flag
		.1..		JSERF240	"X'40'" Reserved flag
		..1.		JSERF220	"X'20'" Reserved flag
		...1		JSERF210	"X'10'" Reserved flag
		.... 1...		JSERF208	"X'08'" Reserved flag
		.... .1..		JSERF204	"X'04'" Reserved flag
		.... ..1.		JSERF202	"X'02'" Reserved flag
		1		JSERF201	"X'01'" Reserved flag
		The following fields are contained only in storage (i.e. they do not exist in the NCB).			
22	(16)	SIGNED	2	JSENCBNO	The NCB buffer number of the NCB that contains the checkpointed information for this DJC job.
24	(18)	SIGNED	4	JSEEND(0)	End of DJC Job Summary Element
24	(18)	X'18'	0	JSESIZE	"JSEEND-JSESTART" Size of DJC Job Summary Element

Table 396. Cross Reference for IATYJSE

Name	Offset	Hex Tag
JSEBFMAX	C	64
JSECOUNT	C	A
JSEEND	18	
JSEFLAG1	14	0

Table 396. Cross Reference for IATYJSE (continued)

Name	Offset	Hex Tag
JSEFLAG2	15	0
JSEHEND	C	
JSEHID	0	D1E2C840
JSEHNEXT	4	
JSEHSIZE	C	C
JSEHSTRT	0	
JSEHTSIZ	8	0
JSEID	0	D1E2C540
JSEJOBNM	8	40404040
JSEJOBNO	10	0
JSENCBNO	16	0
JSENEXT	4	
JSERF101	14	1
JSERF102	14	2
JSERF104	14	4
JSERF108	14	8
JSERF110	14	10
JSERF120	14	20
JSERF140	14	40
JSERF180	14	80
JSERF201	15	1
JSERF202	15	2
JSERF204	15	4
JSERF208	15	8
JSERF210	15	10
JSERF220	15	20
JSERF240	15	40
JSERF280	15	80
JSESIZE	18	18
JSESTART	0	
JSESUBPL	C	8

IATYJSQ information

IATYJSQ heading information

Common name: Job Select Queue Element

Macro ID: IATYJSQ

DSECT name: JSQSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: JSQ
Offset: 8
Length: 4

Storage attributes: Main Storage: IATCNSV - JESPOOL,
IATMSMC - JESPOOL,
IATSIEM - Subpool 230,
IATSIJS - Subpool 230,
Within S.A. - Subpool 230
Auxiliary Storage: N/A
Key: JESKEY
Residency: Any (Below for IATSIJS)

Size: JSQEND-JSQSTART

Created by: IATSIJS, IATSIEM and IATCNSV

Pointed to by: - Data portion of a staging area
- Imbedded within the JSA

Serialization: None

Function: Contains MVS/GMS job processing characteristics (job select,job termination,job requeue,etc.)
Fields marked "In" are filled in by IATSIJS and sent to the global; fields marked "Out" are filled in by the global and returned to IATSIJS.

IATYJSQ mapping

Table 397. Structure RABTKGRP

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	RABTKGRP	
RECORD ALLOCATION BLOCK LOGICAL TRACK GROUP ENTRY					
0	(0)	SIGNED	2	RABRECCT	COUNT OF RECORDS THIS T.G.
2	(2)	BITSTRING	0	RABSPADR(0)	M.R OF LOGICAL TRACK GROUP
2	(2)	BITSTRING	2	RABSPMOD	M.R - EXTENT NUMBER
4	(4)	BITSTRING	1	RABSPREC	M.R - SPOOL RECORD NUMBER
4	(4)	X'8'	0	RABTGEND	"*" END OF TRACK GROUP
4	(4)	X'8'	0	RABTGSIZ	"RABTGEND-RABTKGRP" SIZE OF ONE TRK GRP

Table 398. Structure RABSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	RABSTART	
USAM RECORD ALLOCATION BLOCK					
0	(0)	CHARACTER	4	RABID	RAB DATA AREA IDENTIFIER
4	(4)	BITSTRING	1	RABFLAG1	RAB FLAG BYTE ONE
DEFINITION OF RABFLAG1					
		1...		RABNAV	"X'80'" NO RECORDS AVAILABLE
		.1..		RABDSTRY	"X'40'" RAB HAS BEEN DESTROYED (XRABD)
		..1.		RABCLOSE	"X'20'" RAB HAS BEEN CLOSED (THIS FLAG IS A FOOTPRINT ONLY)
		...1		RABRERAP	"X'10'" RAB REFRESH REQUESTED BY-0074 IATXRABP ROUTINE 0074
		.... 1...		RABDABND	"X'08'" RAB DESTROY ABEND OCCURRED
		.... .1..		RABDJBTR	"X'04'" A JBT HAS BEEN READ
		.... ..1.		RABMTNAV	"X'02'" RAB empty with RABNAV=OFF

Table 398. Structure RABSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
5	(5)	BITSTRING	1	RABTRKG1	NO. TRKGRPS AVAIL (RABTGRPS)
6	(6)	BITSTRING	1	RABTRKG2	TRKGRPS SECONDARY ALLOC COUNT
7	(7)	BITSTRING	1	RABRSVD1	RESERVED FOR DEVELOPMENT
8	(8)	BITSTRING	6	RABTATAD	M.R OF JOB OR DS TAT
14	(E)	SIGNED	2	RABSPNDX	SPOOL PARTITION INDEX
16	(10)	SIGNED	4	RABGMAIN	SAVE AREA FOR GETMAINED STORE
		1...		RABRRERE	"X'80'" HIGH ORDER BIT OF RABGMAIN 0 - RRE OK 1 - RRE NOT AVAILABLE
20	(14)	SIGNED	4	RABPOSTQ	DSS'S WAITING FOR RECORDS
24	(18)	SIGNED	4	RABVALID	RECORD VALIDATION FIELD
28	(1C)	SIGNED	4	RABRRECB	ECB FOR RAB REFRESH.
		.1..		RABPPOST	"X'40'" POST FLAG FOR RABRRECB
	RAB TRACK GROUP ENTRIES				
32	(20)	BITSTRING	0	RABALLGP(0)	RAB TRACK GROUP ENTRY AREA
32	(20)	BITSTRING	8	RABACTGP	ACTIVE TRACK GROUP ENTRY
40	(28)	BITSTRING	1	RABTGRPS(9)	AVAILABLE TRACK GROUP ENTRIES
40	(28)	X'70'	0	RABEND	"*" END OF RAB
40	(28)	X'70'	0	RABSIZE	"RABEND-RABSTART" SIZE OF RAB
	IATYFDB FILE DESCRIPTION BLOCK THE FDB HAS BEEN PREVIOUSLY GENERATED IATYEQU JES3 STANDARD EQUATES JES3 STANDARD EQUATES 01 Change Activity: $TA= z2.1.0 HJS7790 110523 PD0PK: z 2.1.0 GENERAL EQUATES				
40	(28)	X'0'	0	NOP	"0" NO OPERATION
40	(28)	X'F'	0	ALWAYS	"15" Unconditional branch 0084
		1111 1111		FF	"X'FF'" ALL BITS ON
40	(28)	X'F0'	0	CHARZERO	"C'0'" CHARACTER ZERO
40	(28)	X'F9'	0	CHARNINE	"C'9'" CHARACTER NINE
40	(28)	X'C1'	0	CHARA	"C'A'" CHARACTER A
40	(28)	X'C6'	0	CHARF	"C'F'" CHARACTER F
40	(28)	X'6B'	0	CHARCMMA	"C','" CHARACTER COMMA
	AFTER COMPARE INSTRUCTIONS				
40	(28)	X'2'	0	GT	"2" A HIGH
40	(28)	X'4'	0	LT	"4" A LOW
40	(28)	X'7'	0	NE	"7" A NOT EQUAL B
40	(28)	X'8'	0	EQ	"8" A EQUAL B
40	(28)	X'B'	0	GE	"11" A NOT LOW
40	(28)	X'D'	0	LE	"13" A NOT HIGH
	AFTER LOGICAL INSTRUCTIONS				
40	(28)	X'1'	0	NZNBOROW	"1" Not zero, no borrow
40	(28)	X'1'	0	NZCARRY	"1" Not zero, carry
40	(28)	X'4'	0	NZBORROW	"4" Not zero, borrow

Table 398. Structure RABSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
40	(28)	X'4'	0	NZNCARRY	"4" Not zero, no carry
40	(28)	X'5'	0	LNZERO	"5" Not zero
40	(28)	X'2'	0	ZNBORROW	"2" Zero, no borrow
40	(28)	X'2'	0	ZCARRY	"2" Zero, carry
40	(28)	X'8'	0	ZBORROW	"8" Zero, borrow
40	(28)	X'8'	0	ZNCARRY	"8" Zero, no carry
40	(28)	X'A'	0	LZERO	"10" Zero
40	(28)	X'C'	0	BORROW	"12" Borrow
40	(28)	X'3'	0	NOBORROW	"3" No borrow
40	(28)	X'3'	0	CARRY	"3" Carry
40	(28)	X'C'	0	NOCARRY	"12" No carry
AFTER ARITHMETIC INSTRUCTIONS					
40	(28)	X'1'	0	OV	"1" OVERFLOW
40	(28)	X'2'	0	PLUS	"2" PLUS
40	(28)	X'4'	0	MINUS	"4" MINUS
40	(28)	X'7'	0	NZERO	"7" NOT ZERO
40	(28)	X'8'	0	ZERO	"8" ZERO
40	(28)	X'8'	0	ZEROS	"8" ZERO
40	(28)	X'B'	0	NMINUS	"11" NOT MINUS
40	(28)	X'E'	0	NOV	"14" NOT OVERFLOW
40	(28)	X'D'	0	NPLUS	"13" NOT PLUS
AFTER TEST UNDER MASK INSTRUCTIONS					
40	(28)	X'1'	0	ALLON	"1" ALL ON
40	(28)	X'4'	0	MIXED	"4" MIXED
40	(28)	X'5'	0	NALLOFF	"5" ALLON+MIXED
40	(28)	X'8'	0	ALLOFF	"8" ALL OFF
40	(28)	X'C'	0	NALLON	"12" ALLOFF+MIXED
AFTER TEST AND SET INSTRUCTION					
40	(28)	X'4'	0	LOCKED	"4" ONE I.E. LOCKED
40	(28)	X'8'	0	UNLOCKED	"8" ZERO I.E. UNLOCKED
AFTER LOAD REAL ADDRESS INSTRUCTION.					
40	(28)	X'8'	0	INREAL	"8" PAGE IS IN REAL STORAGE
40	(28)	X'7'	0	NOTIREAL	"7" PAGE NOT IN REAL STORAGE
40	(28)	X'4'	0	SEGTBINV	"4" SEGMENT TABLE ENTRY INVALID
40	(28)	X'2'	0	PAGTBINV	"2" PAGE TABLE ENTRY INVALID
40	(28)	X'1'	0	LENTHINV	"1" LENGTH INVALID
AFTER TEST PROTECTION INSTRUCTION.					
40	(28)	X'E'	0	NTRANSNA	"14" NOT Translation not available
40	(28)	X'D'	0	NNOACCSS	"13" NOT (Fetching not permitted; Storing not permitted)

Table 398. Structure RABSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
40	(28)	X'B'	0	NPAGPRTD	"11" NOT (Fetching permitted; Storing not permitted)
40	(28)	X'8'	0	ALLACC	"8" Fetching permitted; Storing permitted
40	(28)	X'7'	0	NALLACC	"7" NOT (Fetching permitted; Storing permitted)
40	(28)	X'4'	0	PAGPRTD	"4" Fetching permitted; Storing not permitted
40	(28)	X'2'	0	NOACCESS	"2" Fetching not permitted; Storing not permitted
40	(28)	X'1'	0	TRANSNA	"1" Translation not available
	SYMBOLS USED FOR ACCESS REGISTER MODE				
40	(28)	X'200'	0	ARMODON	"512" TURN ACCESS REGISTER MODE ON
40	(28)	X'0'	0	ARMODOFF	"0" TURN ACCESS REGISTER MODE OFF
	Data Space Related Equates				
		....		DSPCMXSZ	"X'80000000'" Maximum data space size (2 Gigabytes)
	JES3 SYSTEM LIMITS				
40	(28)	X'20'	0	J3MAXMP	"32" MAXIMUM NUMBER OF MAIN PROCESSORS IN A SINGLE JES3 COMPLEX
TRACE TABLE SIZES ARE SPECIFIED IN BYTES					
40	(28)	X'21000'	0	J3TRCSZ	"135168" SIZE OF EVENT TRACE TABLE
40	(28)	BITSTRING	0	J3NUCTRC	"X'30000'" Size of Nuc path trace table
40	(28)	X'F018'	0	J3AUXTRC	"61464" SIZE OF AUX PATH TRACE TABLE
40	(28)	X'3FF'	0	J3TRCMAX	"1023" MAXIMUM SIZE OF USER DATA IN A TRACE ENTRY, IN WORDS
40	(28)	X'F423F'	0	MAXIMUM_JOB_NUMBER_ALLOWED	"999999" This is the largest job number allowed in the system.
40	(28)	X'FFFE'	0	MAXIMUM_COMPATIBLE_JOB	"65534" This is the largest job number containable in two bytes and therefore fallback-compatible with a release not supporting job numbers greater than 65534.
40	(28)	X'FFFF'	0	ACTIVE_LIMIT	"65535" This is the largest number of JES managed or WLM managed jobs that can be concurrently active on a single main.
40	(28)	X'7FFF'	0	MAXIMUM_JOBS_IN_DJC_NET	"32767" This is the maximum number of jobs that a single DJC net can contain.
40	(28)	BITSTRING	0	MAX_OSE_SEQ	"X'7FFFFFFF'" Maximum OSE sequence number
40	(28)	BITSTRING	0	MAX_SRF_SEQ	"X'FFFF'" Maximum value of SRFCNT after OW55574. This is also the maximum OSE sequence number before the introduction of the OSECNT4 field in HJS7740, 07369SZA or when compatibility 07369SZA with older releases is 07369SZA being enforced. 07369SZA

Table 398. Structure RABSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
40	(28)	BITSTRING	0	MAX_OSE_SEQ_DYNAL	"X'7FFFFF80'" Maximum value of OSECNT4 for which new SYSOUT data sets may be dynamically allocated. If a dynamic allocation is attempted when a job has OSE sequence numbers greater than this value, an abend S1FB-6E is issued.
40	(28)	BITSTRING	0	MAX_OSE_OLD_DYNAL	"X'FFF0'" Maximum OSE sequence number 07369SZA for new dynamic alloca- 07369SZA tions when compatibility 07369SZA with older releases is 07369SZA being enforced. 07369SZA
		The following equates are all used for decisions and actions related to job limits, but specifically are used for different purposes.			
40	(28)	BITSTRING	0	MAXIMUM_JOB_NUMBER_MASK	"X'FFFF'" This mask is used to clear the high order bytes from a word after placing a compatible job number into the low order bytes using an ICM with a mask of B'0011'.
40	(28)	X'FFFF'	0	SPECIAL_JOB_XFFFF	"65535" As a compatible job number, indicates that the job number lives in a four byte field.
40	(28)	X'F423F'	0	UNLIMITED_DSP_COUNT	"999999" As a DSP count this value indicates an "unlimited" count.
40	(28)	BITSTRING	0	UNLIMITED_JOB_COUNT	"X'FFFFFFFF'" As a job count this value indicates an "unlimited" count such as a display count on certain commands with N=ALL.
40	(28)	X'FFFF'	0	UNLIMITED_JOB_COUNT2	"65535" Same as UNLIMITED_JOB_COUNT except that it is for fields that must remain 2 bytes.
40	(28)	X'10'	0	JOB_NUMBER_SHIFT	"16" To load a compatible job number into the low order bytes of a fullword and clear the other bytes, it is possible to ICM the job number with a mask of B'1100' and then shift it to the right using this equate. This must be done instead of clearing the target register before the ICM in cases where the target register is also a base address; e.g.: ICM R2,B'1100',xxx(R2).
		SYMBOLS USED TO SET OR CLEAR A HIGH ORDER BIT			
		....		EQUHOBON	"X'80000000'" HIGH ORDER BIT ON
40	(28)	BITSTRING	0	EQUHOBOF	"X'7FFFFFFF'" HIGH ORDER BIT OFF
		SYMBOLS USED FOR SECURITY			
40	(28)	X'50'	0	SECTKNLN	"80" CURRENT LENGTH OF SECURITY TOKEN
40	(28)	X'50'	0	TKNMAPLN	"80" CURRENT LENGTH OF THE MAPPED TOKEN RETURNED FROM TOKNMAP
40	(28)	X'F0'	0	SAFMSGSP	"240" SUBPOOL USED FOR MESSAGES 0063 RETURNED BY SAF AND USER EXITS 58 + 59
40	(28)	X'F0'	0	SAFEXTSP	"240" SUBPOOL USED FOR RETURNING EXTRACTED INFORMATION FROM THE SECURITY PRODUCT

Table 398. Structure RABSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		Subpool shared between the IATINTK and IATNUC tasks. Storage that needs to be obtained by one task and freed by the other task should be obtained in this subpool. Subpool zero cannot be used since subpool zero is not shared between these tasks.			
40	(28)	X'9'	0	INTK_SHARED_SUBPOOL	"9" Shared subpool
		Functional equates for the PLO instruction.			
40	(28)	X'0'	0	PLO_CL	"0" Compare and Load, 32 bit
40	(28)	X'1'	0	PLO_CLG	"1" Same, 64 bit
40	(28)	X'2'	0	PLO_CLGR	"2" Same, 64 bit, some operands in registers
40	(28)	X'3'	0	PLO_CLX	"3" Same, 128 bit
40	(28)	X'4'	0	PLO_CS	"4" Compare and Swap, 32 bit
40	(28)	X'5'	0	PLO_CSG	"5" Same, 64 bit
40	(28)	X'6'	0	PLO_CSGR	"6" Same, 64 bit, some operands in registers
40	(28)	X'7'	0	PLO_CSX	"7" Same, 128 bit
40	(28)	X'8'	0	PLO_DCS	"8" Double Compare and Swap, 32 bit
40	(28)	X'9'	0	PLO_DCSG	"9" Same, 64 bit
40	(28)	X'A'	0	PLO_DCSGR	"10" Same, 64 bit, some operands in registers
40	(28)	X'B'	0	PLO_DCSX	"11" Same, 128 bit
40	(28)	X'C'	0	PLO_CSST	"12" Compare and Swap and Store, 32 bit
40	(28)	X'D'	0	PLO_CSSTG	"13" Same, 64 bit
40	(28)	X'E'	0	PLO_CSSTGR	"14" Same, 64 bit, some operands in registers
40	(28)	X'F'	0	PLO_CSSTX	"15" Same, 128 bit
40	(28)	X'10'	0	PLO_CSDST	"16" Compare and Swap and Double Store, 32 bit
40	(28)	X'11'	0	PLO_CSDSTG	"17" Same, 64 bit
40	(28)	X'12'	0	PLO_CSDSTGR	"18" Same, 64 bit, some operands in registers
40	(28)	X'13'	0	PLO_CSDSTX	"19" Same, 128 bit
40	(28)	X'14'	0	PLO_CSTST	"20" Compare and Swap and Triple Store, 32 bit
40	(28)	X'15'	0	PLO_CSTSTG	"21" Same, 64 bit
40	(28)	X'16'	0	PLO_CSTSTGR	"22" Same, 64 bit, some operands in registers
40	(28)	X'17'	0	PLO_CSTSTX	"23" Same, 128 bit

Table 399. Structure JMRXENT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JMRXENT	Revert to control section 16108TAA in effect prior to 16108TAA the invocation of other 16108TAA mapping macros 16108TAA

Table 400. Structure JSQSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JSQSTART	
		NOTE: FIELDS JSQLNG AND JSQMPC MUST REMAIN AT THEIR RESPECTIVE OFFSETS FOR SSI PROCESSING.			
0	(0)	SIGNED	2	JSQLNG	LENGTH OF JSQ
2	(2)	BITSTRING	1	JSQRSV1	Reserved
		Definition of JSQVER and version constants that are used to fill in both JSQVER and JSQOVER.			
3	(3)	BITSTRING	1	JSQVER	In Version number
3	(3)	X'0'	0	JSQIVER	"0" Initial version number
3	(3)	X'1'	0	JSQVER01	"1" Version number for HJS6606
3	(3)	X'2'	0	JSQVER02	"2" Version number starting at HJS6608
3	(3)	X'3'	0	JSQVER03	"3" Version number starting at HJS7703
3	(3)	X'4'	0	JSQVER04	"4" Version number for HJS7705
3	(3)	X'5'	0	JSQVER05	"5" Version number for HJS7790
3	(3)	X'5'	0	JSQCVER	"JSQVER05" Current version number
4	(4)	SIGNED	4	JSQMPC	ADDR ASSOCIATED MPC
8	(8)	CHARACTER	4	JSQID	- ID FOR VALIDITY CHK
12	(C)	SIGNED	4	JSQJSA	ADDR ASSOCIATED JSA 0260
16	(10)	BITSTRING	1	JSQFLG1	- JSQ POST
		DEFINITION OF BITS IN JSQFLG1 (JSQ POST)			
		1...		JSQDSEL	"X'80'" - DEMAND SELECT
		.1..		JSQNSEL	"X'40'" - NORMAL SELECT
		..1.		JSQEOT	"X'20'" - END OF TASK
		...1		JSQEOJ	"X'10'" - END OF JOB
		.... 1...		JSQEOM	"X'08'" - END OF MEMORY
		.... .1..		JSQJREQ	"X'04'" - JOB REQUEUE
		.... ..1.		JSQSICF	"X'02'" S INIT CMD FAIL
		1		JSQTJSEL	"X'01'" EOM B4 SELECT RESPONSE RCVD
17	(11)	BITSTRING	1	JSQFLG2	- GMS FLAG
		DEFINITION OF BITS IN JSQFLG2			
		1...		JSQSELC	"X'80'" THIS JSQ IN ERROR
		.1..		JSQJERR	"X'40'" - ERROR ON JOB INIT
		..1.		JSQPINIT	"X'20'" - STOP THIS INIT
		...1		JSQDJOB	"X'10'" - THIS IS A DEMAND SELECTED JOB
		.... 1...		JSQJRNL	"X'08'" - THIS JOB REQUIRES JOURNAL
		.... .1..		JSQRJPJB	"X'04'" THIS IS AN RJP JOB
		.... ..1.		JSQRESP	"X'02'" - RESPOND TO ACK
		1		JSQJINIT	"X'01'" THIS IS A JES3 INITIATOR
18	(12)	BITSTRING	1	JSQFLG3	- GMS FLAG

Table 400. Structure JSQSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF BITS IN JSQFLG3			
		1...		JSQSTAP	"X'80'" - PURGE THIS JSQ
		.1..		JSQINCR	"X'40'" - INCREMENT GMS COUNTERS
		..1.		JSQCIGMS	"X'20'" - JOB CANCL OR RESTART IN GMS
		...1		JSQFLUSH	"X'10'" - JOB FLUSHED OFF MAIN
		.... 1...		JSQITERM	"X'08'" UNSOLICITED INIT TERM
		.... .1..		JSQJRST	"X'04'" JOB WAS JES3 RESTARTED ON MAIN
		.... ..1.		JSQOPF	"X'02'" WTO FOR START CMD FAIL
		1		JSQGERR	"X'01'" CURRENT JSQ AT TIME OF ABEND
19	(13)	BITSTRING	1	JSQFLG4	- JOB REQUEUE FLAG
		DEFINITION OF BITS IN JSQFLG4 (JOB REQUEUE)			
		1...		JSQSR	"X'80'" - STEP RESTART
		.1..		JSQCR	"X'40'" - CHECKPOINT RESTART
		..1.		JSQCN	"X'20'" - CONTINUE RESTART
		...1		JSQJH	"X'10'" - PUT JOB IN HOLD
		.... 1...		JSQWARM	"X'08'" - WARMSTART JOB
20	(14)	BITSTRING	1	JSQFLG5	- 0368
		DEFINITION OF BITS IN JSQFLG5 0			
		1...		JSQUSRJB	"X'80'" - UNDEFINED USER FROM RACF 0368
		.1..		JSQNOJLG	"X'40'" JESMSGLG logging suppressed
		..1.		JSQWLMIN	"X'20'" In This is a WLM managed initiator
		...1		JSQDMBAT	"X'10'" In/Out Demand batch (result of the *F,J=xxxxx,RUN command)
		.... 1...		JSQLRL10	"X'08'" Locates done on JES3 R10 or up (SMS Unit Aff SSI supported)
		.... .1..		JSQNETSV	"X'04'" In This is a NETSERV
		.... ..1.		JSQGDGBS	"X'02'" GDGBIAS=STEP specified for job class
		1		JSQF5R01	"X'01'" Reserved for IBM
21	(15)	BITSTRING	1	JSQFLG6	Flag byte 6
		DEFINITION OF BITS IN JSQFLG6			
		1...		JSQJFAL	"X'80'" JOB FAILED INDICATOR
		.1..		JSQCFAL	"X'40'" JOB FAILED-CONDITIONS CODES
		..1.		JSQABND	"X'20'" JOB ABENDED (JCTABEND=ON)
		...1		JSQDESEL	"X'10'" In Deselect request
		.... 1...		JSQRSPDS	"X'08'" Out This JSQ is a response to an original job select that was overridden by a deselect and should be ignored
		.... .1..		JSQEOMRQ	"X'04'" - Requeue entered for premature end of memory
		.... ..1.		JSQF6R02	"X'02'" Reserved for IBM

Table 400. Structure JSQSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1		JSQF6R01	"X'01'" Reserved for IBM
22	(16)	BITSTRING	1	JSQJDF1	- EQ JDABFLG1
23	(17)	BITSTRING	1	JSQJDF2	- EQ JDABFLG2
24	(18)	BITSTRING	1	JSQJDF3	- EQ JDABFLG3
		.... 1...		JSQVRFY	"X'08'" EQ JDABVRFY - PASSWORD VERIFICATION NOT REQUIRED
		.... .1..		JSQENCP	"X'04'" PASSWORD IN ENCRYPTED FORM
25	(19)	BITSTRING	1	JSQJDF4	- EQ JDABFLG4
26	(1A)	BITSTRING	1	JSQLIMF	EQ JDABLIMF
THE DEFINITIONS OF THE FSS TYPES ARE IN IATYFSS.					
27	(1B)	BITSTRING	1	JSQFSTYP	TYPE OF FUNCTIONAL SUBSYSTEM
28	(1C)	CHARACTER	8	JSQINIT	In Initiator task name; this value is also the job class group name or the NETSERV name
36	(24)	CHARACTER	8	JSQJNAME	Out Job name
44	(2C)	BITSTRING	8	JSQJDVT	- JDVT NAME
52	(34)	SIGNED	2	JSQSTMT	- LAST OUTPUT STMT NR
54	(36)	SIGNED	2	JSQWARNI	- WARNING INCRE PERCENTAGES CARDS, LINES, BYTES, PAGES
56	(38)	SIGNED	2	JSQSTEP	- JOB STEP (JOB REQUEUE)
58	(3A)	BITSTRING	1	JSQNSTEP	NO. OF STEPS IN THIS JOB
59	(3B)	BITSTRING	1	JSQFLG7	FLAG 7
DEFINITION OF BITS IN JSQFLG7					
		1...		JSQJSAB	"X'80'" JSAB WAS CREATED
		.1..		JSQAPPC	"X'40'" REQUEST FOR APPC INITIATOR
60	(3C)	BITSTRING	1	JSQFLG8	FLAG 8
DEFINITION OF BITS IN JSQFLG8					
		1...		JSQTINIT	"X'80'" JES3 SHOULD RESTART THIS INITIATOR BEING TERMINATED BY THE SYSTEM
		.1..		JSQARMI	"X'40'" Notify ARM of job term
		..1.		JSQRF820	"X'20'" RESERVED FLAG
		...1		JSQRF810	"X'10'" RESERVED FLAG
		.... 1...		JSQRF808	"X'08'" RESERVED FLAG
		.... .1..		JSQRF804	"X'04'" RESERVED FLAG
		.... ..1.		JSQRF802	"X'02'" RESERVED FLAG
		1		JSQRF801	"X'01'" RESERVED FLAG
61	(3D)	ADDRESS	1	JSQOVER	Out Output version
62	(3E)	SIGNED	2	JSQRSVD1	RESERVED FOR DEVELOPMENT
64	(40)	SIGNED	4	JSQJCC	- JOB COMPLETION CODE
68	(44)	SIGNED	4	JSQACTL	- ACTUAL LINE COUNT
68	(44)	X'44'	0	JSQLNCDS	"JSQACTL,16" - LINES/CARDS ACTUALS/MAX
72	(48)	SIGNED	4	JSQACTC	- ACTUAL CARD COUNT
76	(4C)	SIGNED	4	JSQMAXL	- MAXIMUM LINE COUNT

Table 400. Structure JSQSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
80	(50)	SIGNED	4	JSQMAXC	- MAXIMUM CARD COUNT
84	(54)	SIGNED	4	JSQACTB	ACTUAL BYTE COUNT
84	(54)	X'54'	0	JSQBYPGS	"JSQACTB,16" BYTES/PAGES ACTUALS/MAX
88	(58)	SIGNED	4	JSQACTP	ACTUAL PAGE COUNT
92	(5C)	SIGNED	4	JSQMAXB	MAXIMUM BYTE COUNT
96	(60)	SIGNED	4	JSQMAXP	MAXIMUM PAGE COUNT
100	(64)	BITSTRING	8	JSQJBID	JES3 JOBID
108	(6C)	SIGNED	4	JSQCIERR	CI ERROR CODE (SAME AS RQCIERR)
112	(70)	BITSTRING	6	JSQSTRAC	- SPOOL ADDRESS FOR JESYSMSG
118	(76)	BITSTRING	6	JSQJTRAC	- SPOOL ADDRESS FOR JOURNAL
124	(7C)	BITSTRING	6	JSQBTRAC	- SPOOL ADDRESS FOR JCBLOCK
130	(82)	BITSTRING	1	JSQTRKG1	PRIMARY TRKGRP ALLOCATION
131	(83)	BITSTRING	1	JSQTRKG2	SECONDARY TRKGRP ALLOCATION
132	(84)	BITSTRING	6	JSQTTRAC	M.R OF FIRST JST
138	(8A)	BITSTRING	112	JSQRAB	RECORD ALLOC BLOCK
250	(FA)	BITSTRING	9	JSQCPWD(0)	CURRENT LENGTH/PASSWORD
250	(FA)	BITSTRING	1	JSQCPLN	CURRENT PASSWORD LENGTH
251	(FB)	BITSTRING	8	JSQCPAS	CURRENT PASSWORD
259	(103)	BITSTRING	9	JSQNPWD(0)	NEW LENGTH/PASSWORD
259	(103)	BITSTRING	1	JSQNPLN	NEW PASSWORD LENGTH
260	(104)	BITSTRING	8	JSQNPAS	NEW PASSWORD
	JSQSNAME and JSQCLPC get their values during the SSI part of job termination processing. These values will be put into JMRSNAME and JMRSCLPC during main service job termination proceesing. They will then become part of MSGIAT6108.				
250	(FA)	CHARACTER	8	JSQSNAME	The name of the failing job step if a PROC was not called. Otherwise, the name of the job step that called the failing PROC.
258	(102)	CHARACTER	8	JSQSCLPC	If a PROC was called, the name of the failing PROC step. Otherwise, blanks.
268	(10C)	CHARACTER	8	JSQCLASS	JES3 CLASS
	The JSQJMR field has been replaced by JSQJMR1 as of HJS7790. For compatibility reasons, it is not yet being retired. The JSQ may get sent to another main at HJS7780 (or prior), and it will continue to reference JSQJMR. Eventually, when the lowest JES3 level of HJS7780 is out of service, the JSQJMR can then be retired. In the meantime, JES3 must use the JSQ version (JSQVER05) to determine whether to reference JSQJMR or JSQJMR1.				
276	(114)	BITSTRING	1	JSQJMR	JOB MGMT RECORD used until JSQVER05
276	(114)	X'124'	0	JSQNJMR	"JSQJMR+JMRCPUID-JMRDATA,JMRRDR-JMRCPUID" Embedded CPU SID/MDL in JMR
276	(114)	X'14B'	0	JSQNJVR	"JSQJMR+JMRVERSN-JMRDATA,JMRSYSOC-JMRVERSN" Embedded JMR version #
332	(14C)	CHARACTER	8	JSQRACU	PROPAGATED USERID
340	(154)	CHARACTER	8	JSQRACG	PROPAGATED GROUPID
348	(15C)	SIGNED	4	JSQSYSCT	SYSMSG LINE COUNT
352	(160)	BITSTRING	80	JSQTOKEN	TOKEN

Table 400. Structure JSQSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
432	(1B0)	CHARACTER	8	JSQNODE	NODE
440	(1B8)	SIGNED	4	JSQDSCNT	DATA SET COUNT
IATYCNDB_1:;					
444	(1BC)	SIGNED	4	JSQCNDB(0)	IATYCNDB.27: based variable for storage mapping
444	(1BC)	SIGNED	4		Four byte console id 0176
448	(1C0)	CHARACTER	4		IATYCNDB eyecatcher
452	(1C4)	ADDRESS	4		IATYCNDB version
456	(1C8)	BITSTRING	8		Reserved for development
464	(1D0)	BITSTRING	8		Console Name 0176
472	(1D8)	BITSTRING	24		Reserved for development
496	(1F0)	SIGNED	2		Reserved for development
498	(1F2)	BITSTRING	40		Reserved for development
538	(21A)	SIGNED	2	JSQASID	Job's ASID
540	(21C)	CHARACTER	8	JSQJTOK(0)	Job token for ARM
540	(21C)	BITSTRING	8	JSQITOD	Job input or main service arrival time stamp
JSQ maximum completion code information, by design, matches the mapping in the network job trailer. Consult NJE Formats and Protocols before adding a new type.					
548	(224)	BITSTRING	4	JSQMAXRC(0)	--+ Maximum Job Return Code
548	(224)	BITSTRING	1	JSQMXIND	| Job completion indicator
549	(225)	BITSTRING	3	JSQMAXCC	--+ Completion code
The following information is present at HJS6608 and higher (JSQOVER>=2).					
552	(228)	SIGNED	4	JSQWISEQ	In Sequence number of a WLM initiator, for an explanation see SVTWISEQ
The following information is present at HJS6606 and higher (JSQOVER>=1).					
556	(22C)	CHARACTER	16	JSQSCHEN	Out Scheduling environment
The following information is present at HJS6608 and higher (JSQOVER>=2).					
572	(23C)	CHARACTER	8	JSQSRVCL	In/Out Service class When selection is called by a WLM managed initiator this field contains the service class. It is updated by IATMSMS to contain the service class of the job as determined during classification even if the initiator is JES managed.
580	(244)	CHARACTER	8	JSQNETNM	Out DJC net name
588	(24C)	SIGNED	4	JSQWLMCT	Out WLM classification token
The following information is present at HJS7703 and higher (JSQOVER>=3).					
592	(250)	BITSTRING	4	JSQSRMTK	Out WLM supplied SRM token

Table 400. Structure JSQSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
The following information is present at HJS6608 and higher (JSQOVER>=2).					
596	(254)	SIGNED	4	JSQRHLD	Out Duration job was ineligible due to being held. ** Note ** This is not the duration the job was in a JES3 hold. It is the sum of operational delay and JES scheduling delay. The terminology "held" is used here as it is used by WLM.
600	(258)	SIGNED	4	JSQRRSC	Out Duration job was ineligible for selection due to unsatisfied resource requirements
604	(25C)	SIGNED	4	JSQRTOC	Out Duration job was in CI
608	(260)	ADDRESS	1	JSQPRTY	Out Job priority used for classification
609	(261)	BITSTRING	1	JSQOFLG1	Out Flags
		1...		JSQSRVCH	"X'80'" Service class for job was changed
		.1..		JSQSJBRQ	"X'40'" Selected job was requeued for execution
		..1.		JSQO1R20	"X'20'" Reserved for IBM
		...1		JSQO1R10	"X'10'" Reserved for IBM
		.... 1...		JSQO1R08	"X'08'" Reserved for IBM
		.... .1..		JSQO1R04	"X'04'" Reserved for IBM
		.... ..1.		JSQO1R02	"X'02'" Reserved for IBM
		1		JSQO1R01	"X'01'" Reserved for IBM
610	(262)	BITSTRING	22	JSQRSVD2	Reserved for IBM
The following fields are present at HJS7705 and 0 higher (JSQOVER>=4).					
632	(278)	BITSTRING	8	JSQMTRAC	- Spool address for JESMSG
640	(280)	SIGNED	4	JSQJMLCT	JESMSGLG line count
644	(284)	SIGNED	4	JSQJMBCT	JESMSGLG byte count
648	(288)	SIGNED	4	JSQSMBCT	JESYSMSG byte count
652	(28C)	SIGNED	4	JSQMJDSN	JESMSGLG JDS NOTE information
656	(290)	SIGNED	4	JSQSJDSN	JESYSMSG JDS NOTE information
660	(294)	SIGNED	4	JSQSPVLU	JESMSGLG & JESYSMSG spinoff value (see JSQSPFLG)
664	(298)	BITSTRING	1	JSQSPFLG	JESMSGLG & JESYSMSG spinoff flag byte
Definition of JSQSPFLG NOTE: Flag JSQSPFLG must be defined identical to MEMSPFLG and RQSPFLG.					
		1...		JSQSPIN	"X'80'" Job is eligible to SPINOFF JESMSGLG and JESYSMSG ds
		.1..		JSQSTIMI	"X'40'" SPINOFF by time interval (in seconds)
		..1.		JSQSTIMD	"X'20'" SPINOFF by TOD (in sec)
		...1		JSQSLINE	"X'10'" SPINOFF by line interval
		.... 1...		JSQNOSPN	"X'08'" NOSPIN specified
		.... .1..		JSQSUPRS	"X'04'" SUPPRESS specified
		.... ..1.		JSQSPF02	"X'02'" Reserved for IBM

Table 400. Structure JSQSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1		JSQSPF01	"X'01'" Reserved for IBM
665	(299)	BITSTRING	3	JSQRSVD3	Reserved for IBM
668	(29C)	BITSTRING	112	JSQJMRAB	JESMSGLG Record Alloc Block
780	(30C)	BITSTRING	112	JSQSMRAB	JESYSMSG Record Alloc Block
892	(37C)	BITSTRING	12	JSQJSMAD	FDB of the Job Symbol Table containing the system symbol table from the system on which conversion took place
904	(388)	BITSTRING	4	JSQINTOD	TOD copy from JQETOD
908	(38C)	BITSTRING	8	JSQRSVD4	Reserved for IBM
916	(394)	BITSTRING	1	JSQJMR1	Job Management Record, area added at HJS77790 (JSQVER05)
916	(394)	X'3A4'	0	JSQNJMR1	"JSQJMR1+JMRCPUID-JMRDATA,JMRRDR-JMRCPUID" Embedded CPU SID/MDL in JMR
916	(394)	X'3CB'	0	JSQNJVR1	"JSQJMR1+JMRVERSN-JMRDATA,JMRSYSOC-JMRVERSN" Embedded JMR version #
916	(394)	X'428'	0	JSQEND	"*"

Table 401. Cross Reference for IATYJSQ

Name	Offset	Hex Tag
ACTIVE_LIMIT	28	FFFF
ALLACC	28	8
ALLOFF	28	8
ALLON	28	1
ALWAYS	28	F
ARMODOFF	28	0
ARMODON	28	200
BORROW	28	C
CARRY	28	3
CHARA	28	C1
CHARCMMA	28	6B
CHARF	28	C6
CHARNINE	28	F9
CHARZERO	28	F0
DSPCMXSZ	28	0
EQ	28	8
EQUHOBOF	28	FFFFFF
EQUHOBON	28	0
FF	28	FF
GE	28	B
GT	28	2
INREAL	28	8
INTK_SHARED_SUBPOOL	28	9
JMRXENT	0	
JOB_NUMBER_SHIFT	28	10
JSQABND	15	20
JSQACTB	54	0
JSQACTC	48	0

Table 401. Cross Reference for IATYJSQ (continued)

Name	Offset	Hex Tag
JSQACTL	44	0
JSQACTP	58	0
JSQAPPC	3B	40
JSQARMI	3C	40
JSQASID	21A	0
JSQBTRAC	7C	0
JSQBYPGS	54	54
JSQCFAL	15	40
JSQCIERR	6C	0
JSQCIGMS	12	20
JSQCLASS	10C	
JSQCN	13	20
JSQCNDB	1BC	
JSQCPAS	FB	
JSQCPLN	FA	
JSQCPWD	FA	
JSQCR	13	40
JSQCVER	3	5
JSQDESEL	15	10
JSQDJOB	11	10
JSQDMBAT	14	10
JSQDSCNT	1B8	
JSQDSEL	10	80
JSQENCP	18	4
JSQEND	394	428
JSQEOJ	10	10
JSQEOM	10	8
JSQEOMRQ	15	4
JSQEOT	10	20
JSQFLG1	10	0
JSQFLG2	11	0
JSQFLG3	12	0
JSQFLG4	13	0
JSQFLG5	14	0
JSQFLG6	15	0
JSQFLG7	3B	0
JSQFLG8	3C	0
JSQFLUSH	12	10
JSQFSTYP	1B	0
JSQF5R01	14	1
JSQF6R01	15	1
JSQF6R02	15	2
JSQGDGBS	14	2
JSQGERR	12	1
JSQID	8	D1E2D840
JSQINCR	12	40

Table 401. Cross Reference for IATYJSQ (continued)

Name	Offset	Hex Tag
JSQINIT	1C	F0F04040
JSQINTOD	388	
JSQITERM	12	8
JSQITOD	21C	0
JSQIVER	3	0
JSQJBID	64	0
JSQJCC	40	0
JSQJDF1	16	0
JSQJDF2	17	0
JSQJDF3	18	0
JSQJDF4	19	0
JSQJDVT	2C	0
JSQJERR	11	40
JSQJFAL	15	80
JSQJH	13	10
JSQJINIT	11	1
JSQJMBCT	284	0
JSQJMLCT	280	0
JSQJMR	114	0
JSQJMRAB	29C	0
JSQJMR1	394	0
JSQJNAME	24	F0F04040
JSQJREQ	10	4
JSQJRNL	11	8
JSQJRST	12	4
JSQJSA	C	0
JSQJSAB	3B	80
JSQJSMAD	37C	
JSQJTOK	21C	
JSQJTRAC	76	0
JSQLIMF	1A	0
JSQLNCDS	44	44
JSQLNG	0	0
JSQLRL10	14	8
JSQMAXB	5C	0
JSQMAXC	50	0
JSQMAXCC	225	
JSQMAXL	4C	0
JSQMAXP	60	0
JSQMAXRC	224	
JSQMJDSN	28C	0
JSQMPC	4	0
JSQMTRAC	278	0
JSQMXIND	224	
JSQNETNM	244	
JSQNETSV	14	4

Table 401. Cross Reference for IATYJSQ (continued)

Name	Offset	Hex Tag
JSQNJMR	114	124
JSQNJMR1	394	3A4
JSQNJVR	114	14B
JSQNJVR1	394	3CB
JSQNODE	1B0	
JSQNOJLG	14	40
JSQNOSPN	298	8
JSQNPAS	104	
JSQNPLN	103	
JSQNPWD	103	
JSQNSEL	10	40
JSQNSTEP	3A	0
JSQOFLG1	261	
JSQOPF	12	2
JSQOVER	3D	
JSQO1R01	261	1
JSQO1R02	261	2
JSQO1R04	261	4
JSQO1R08	261	8
JSQO1R10	261	10
JSQO1R20	261	20
JSQPINIT	11	20
JSQPRTY	260	
JSQRAB	8A	0
JSQRACG	154	
JSQRACU	14C	
JSQRESP	11	2
JSQRF801	3C	1
JSQRF802	3C	2
JSQRF804	3C	4
JSQRF808	3C	8
JSQRF810	3C	10
JSQRF820	3C	20
JSQRHLD	254	
JSQRJPJB	11	4
JSQRRSC	258	
JSQRSPDS	15	8
JSQRSVD1	3E	
JSQRSVD2	262	
JSQRSVD3	299	
JSQRSVD4	38C	
JSQRSV1	2	0
JSQRTOC	25C	
JSQSCHEN	22C	
JSQSCLPC	102	40404040
JSQSELC	11	80

Table 401. Cross Reference for IATYJSQ (continued)

Name	Offset	Hex Tag
JSQSICF	10	2
JSQSJBRQ	261	40
JSQSJDSN	290	0
JSQSLINE	298	10
JSQSMBCT	288	0
JSQSMRAB	30C	0
JSQSNAME	FA	40404040
JSQSPFLG	298	
JSQSPF01	298	1
JSQSPF02	298	2
JSQSPIN	298	80
JSQSPVLU	294	0
JSQSR	13	80
JSQSRMTK	250	
JSQSRVCH	261	80
JSQSRVCL	23C	
JSQSTAP	12	80
JSQSTART	0	
JSQSTEP	38	0
JSQSTIMD	298	20
JSQSTIMI	298	40
JSQSTMT	34	0
JSQSTRAC	70	0
JSQSUPRS	298	4
JSQSYSCT	15C	0
JSQTINIT	3C	80
JSQTJSEL	10	1
JSQTOKEN	160	
JSQTRKG1	82	1
JSQTRKG2	83	2
JSQTTRAC	84	0
JSQUSRJB	14	80
JSQVER	3	0
JSQVER01	3	1
JSQVER02	3	2
JSQVER03	3	3
JSQVER04	3	4
JSQVER05	3	5
JSQVRFY	18	8
JSQWARM	13	8
JSQWARNI	36	0
JSQWISEQ	228	
JSQWLMCT	24C	
JSQWLMIN	14	20
J3AUXTRC	28	F018
J3MAXMP	28	20

Table 401. Cross Reference for IATYJSQ (continued)

Name	Offset	Hex Tag
J3NUCTRC	28	30000
J3TRCMAX	28	3FF
J3TRCSZ	28	21000
LE	28	D
LENTHINV	28	1
LNZERO	28	5
LOCKED	28	4
LT	28	4
LZERO	28	A
MAX_OSE_OLD_DYNAL	28	FFF0
MAX_OSE_SEQ	28	FFFFFF
MAX_OSE_SEQ_DYNAL	28	FFFF80
MAX_SRF_SEQ	28	FFFF
MAXIMUM_COMPATIBLE_JOB	28	FFFE
MAXIMUM_JOB_NUMBER_ALLOWED	28	F423F
MAXIMUM_JOB_NUMBER_MASK	28	FFFF
MAXIMUM_JOBS_IN_DJC_NET	28	7FFF
MINUS	28	4
MIXED	28	4
NALLACC	28	7
NALLOFF	28	5
NALLON	28	C
NE	28	7
NMINUS	28	B
NNOACCSS	28	D
NOACCESS	28	2
NOBORROW	28	3
NOCARRY	28	C
NOP	28	0
NOTIREAL	28	7
NOV	28	E
NPAGPRTD	28	B
NPLUS	28	D
NTRANSNA	28	E
NZBORROW	28	4
NZCARRY	28	1
NZERO	28	7
NZNBOROW	28	1
NZNCARRY	28	4
OV	28	1
PAGPRTD	28	4
PAGTBINV	28	2
PLO_CL	28	0
PLO_CLG	28	1
PLO_CLGR	28	2
PLO_CLX	28	3

Table 401. Cross Reference for IATYJSQ (continued)

Name	Offset	Hex Tag
PLO_CS	28	4
PLO_CSDST	28	10
PLO_CSDSTG	28	11
PLO_CSDSTGR	28	12
PLO_CSDSTX	28	13
PLO_CSG	28	5
PLO_CSGR	28	6
PLO_CSST	28	C
PLO_CSSTG	28	D
PLO_CSSTGR	28	E
PLO_CSSTX	28	F
PLO_CSTST	28	14
PLO_CSTSTG	28	15
PLO_CSTSTGR	28	16
PLO_CSTSTX	28	17
PLO_CSX	28	7
PLO_DCS	28	8
PLO_DCSG	28	9
PLO_DCSGR	28	A
PLO_DCSX	28	B
PLUS	28	2
RABACTGP	20	
RABALLGP	20	
RABCLOSE	4	20
RABDABND	4	8
RABDJBTR	4	4
RABDSTRY	4	40
RABEND	28	70
RABFLAG1	4	
RABGMAIN	10	
RABID	0	
RABMTNAV	4	2
RABNAV	4	80
RABPOSTQ	14	
RABPPOST	1C	40
RABRECCT	0	
RABRERAP	4	10
RABRRECB	1C	
RABRRERE	10	80
RABRSVD1	7	
RABSIZE	28	70
RABSPADR	2	
RABSPMOD	2	
RABSPNDX	E	
RABSPREC	4	
RABSTART	0	

Table 401. Cross Reference for IATYJSQ (continued)

Name	Offset	Hex Tag
RABTATAD	8	
RABTGEND	4	8
RABTGRPS	28	
RABTGSIZ	4	8
RABTKGRP	0	
RABTRKG1	5	
RABTRKG2	6	
RABVALID	18	
SAFEXTSP	28	F0
SAFMSGSP	28	F0
SECTKNLN	28	50
SEGTBINV	28	4
SPECIAL_JOB_XFFFF	28	FFFF
TKNMAPLN	28	50
TRANSNA	28	1
UNLIMITED_DSP_COUNT	28	F423F
UNLIMITED_JOB_COUNT	28	FFFFFF
UNLIMITED_JOB_COUNT2	28	FFFF
UNLOCKED	28	8
ZBORROW	28	8
ZCARRY	28	2
ZERO	28	8
ZEROS	28	8
ZNBORROW	28	2
ZNCARRY	28	8

IATYJST information

IATYJST programming interface information

IATYJST is a programming interface.

IATYJST heading information

Common name: JOB SUMMARY TABLE

Macro ID: IATYJST

DSECT name: JSTSTART, JSTENTRY

Owning component: JES3 (SC1BA)

Eye-catcher ID: JST (JSTSTART)
Offset: 8
Length: 4

Storage attributes: Main Storage: JSAM and USAM Buffers
Auxiliary Storage: JES3 SPOOL

Size: JSTSTART - JSTFSIZ
JSTENTRY - JSTVSIZ

Created by: IATIIP1
IATIIDY (DYNAMIC ALLOCATION)
IATIIP0 (CATALOG JST)
IATISJB (SKELETON FIRST BUFFER)
IATMDMO (MDS MOUNT JOBS)
IATMDSB (DEVICE FENCE JOBS)

Pointed to by:	RQJSTFDB in IATYRSQ JCTSUFDB in IATYJCT
Serialization:	None
Function:	DESCRIBES JOB UNIT, VOLUME, AND DATA SET REQUIREMENTS

IATYJST mapping

Table 402. Structure JSTSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JSTSTART	
0	(0)	BITSTRING	6	JSTTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	JSTCNT	USER COUNT.
8	(8)	CHARACTER	4	JSTID	File id.
12	(C)	BITSTRING	12	JSTCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	JSTVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	JSTDATA(0)	START OF USER DATA AREA.
28	(1C)	CHARACTER	8	JSTJBNAM	JOB NAME
36	(24)	CHARACTER	8	JSTMPNAM	NAME OF MAIN WHERE JOB SETUP
44	(2C)	SIGNED	4	JSTMAINF	JOB ELIGIBILITY AFTER FETCH
48	(30)	SIGNED	4	JSTMAINV	JOB ELIGIBILITY AFTER VERFY
52	(34)	SIGNED	4	JSTVUMPC	CURRENT HOST ALLOCATION MASK
56	(38)	SIGNED	2	JSTDYCNT	NO. OF DYNAMIC ALLOC REQSTS
		JST25SMF MUST HAVE 2,4 ALIGNMENT			
58	(3A)	SIGNED	2	JST25SMF(0)	START OF MDS SMF TYP 25 DATA
58	(3A)	BITSTRING	1	JST25FG1	JST25FG1 SMF FLAG 1 OF 2
		1...		JST25DYA	"X'80'" DYNAMIC ALLOCATION JST
		.1..		JST25CAT	"X'40'" CATALOG ALLOCATION JST
		..1.		JST25ATO	"X'20'" AUTO ALLOC TIME JST FETCHED
59	(3B)	BITSTRING	1	JST25FG2	JST25FG2 SMF FLAG 2 OF 2
60	(3C)	BITSTRING	4	JST25NTF	NUMBER OF TAPES FETCHED
64	(40)	BITSTRING	4	JST25NDF	NUMBER OF DISK VOLUMES FETCH
68	(44)	BITSTRING	4	JST25FST	TOD FETCH START
72	(48)		4	JST25FSD	DATE FETCH START
76	(4C)	BITSTRING	4	JST25SST	TOD *S,S ISSUED (0 IF AL=A)
80	(50)		4	JST25SSD	DATE *S,S ISSUED (0 IF AL=A)
84	(54)	BITSTRING	4	JST25NTM	NUMBER OF TAPES MOUNTED
88	(58)	BITSTRING	4	JST25NDM	NMBR OF DISK VOLUMES MOUNTED
92	(5C)	BITSTRING	4	JST25NMV	NUMBER OF MSS VOLUMES REQ'D
96	(60)	BITSTRING	4	JST25MST	TOD FIRST MOUNT MSG ISSUED
100	(64)		4	JST25MSD	DATE FIRST MOUNT MSG ISSUED
104	(68)	BITSTRING	4	JST25VVT	TOD JOB VERIFIED
108	(6C)		4	JST25VVD	DATE JOB VERIFIED
108	(6C)	X'70'	0	JST25END	"*" END OF MDS SMF DATA
112	(70)	BITSTRING	0	JST25SIZ(0)	SIZE OF MDS SMF DATA
112	(70)	BITSTRING	12	JSTPARM	FDB OF PARAMETER BUFFER
124	(7C)	BITSTRING	12	JSTCATFD	CATALOG SETUP FDB
136	(88)	BITSTRING	12	JSTJVTFD	JVT FDB

Table 402. Structure JSTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
148	(94)	BITSTRING	12	JSTTRSV1	0633
160	(A0)	BITSTRING	1	JSTIDD	INTERPRETER LIFE OF WORK FDB
160	(A0)	X'A0'	0	JSTFNCJB	"JSTIDD,4" 4-byte device fence job number; overlays JSTIDD for device fence jobs only
172	(AC)	BITSTRING	12	JSTDCHN	1ST DJST CHECKPOINT ANCHOR. COPIED TO RQDYJFDB FOR USE DURING THE FIRST FASTPATH DYNAMIC ALLOCATION REQUEST. ALSO REFERENCE JSTPDJST.
184	(B8)	SIGNED	2	JSTFIXL	SIZE OF JST SUM HDR FIXED
186	(BA)	SIGNED	2	JSTHSTN	HIGH STEP NO. IN THIS BUFFER
188	(BC)	SIGNED	2	JST1STP	REL. NMBR OF 1ST STEP ENTRY
190	(BE)	SIGNED	2	JSTLOWE	LOW ENTRY NUMBER
192	(C0)	SIGNED	2	JSTHIGHE	HIGH ENTRY NUMBER
192	(C0)	X'C0'	0	JSTFNCJC	"JSTHIGHE,2" Compatible with JSTFNCJB - see IATXJBNO macro; overlays JSHIHE for device dence jobs only
194	(C2)	BITSTRING	1	JSTMAIN	ID OF MAIN WHERE JOB SETUP
195	(C3)	BITSTRING	1	JSTHFLG1	JSTHFLG1 JST HEADER FLAG1
		1...		JSTFETCH	"X'80'" FETCH PROCESSING COMPLETE
		.1..		JSTALLOC	"X'40'" IF ALLOC=M, START SETUP DONE
		..1.		JSTMOUNT	"X'20'" MOUNT MSGS HAVE BEEN ISSUED
		...1		JSTVRFYD	"X'10'" VERIFY PROCESSING COMPLETE
		.... 1...		JSTBRKDN	"X'08'" SETUP PROCESSING COMPLETE
		.... .1..		JSTRH104	"X'04'" RESERVED FLAG
		.... ..1.		JSTRH102	"X'02'" RESERVED FLAG
		1		JSTRH101	"X'01'" RESERVED FLAG
196	(C4)	BITSTRING	1	JSTHFLG2	JSTHFLG2 JST HEADER FLAG2
		1...		JSTMSSRF	"X'80'" JOB REFERENCES MSS VUA'S
		.1..		JSTHINCL	"X'40'" JOB INCL IN MDS DPTH CT
		..1.		JSTDYACT	"X'20'" ACTIVE DYNALLOC IN THIS JST
		...1		JSTMSSIN	"X'10'" JOB CONTAINS 'INVISIBLE' MSVGP REFERENCES
		.... 1...		JSTPDJST	"X'08'" DJST IS EMPTY(PREALLOCATED) DJST TRACK GROUPS HAVE BEEN ALLOCATED BY INPUT SERVICE (JSTDCHN) BUT THE DJST HAS NOT BEEN INITIALIZED.
		.... .1..		JSTJRSMS	"X'04'" JOB REQUIRES SMS RESOURCES (SET WHEN THERE IS A JST ENTRY THAT CONTAINS AN SMS MANAGED DATASET)
		.... ..1.		JSTCNSMS	"X'02'" SMS WAS INACTIVE AT THE 0483 TIME C/I PROCESSING WAS 0483 PERFORMED 0483
		1		JSTDMDAL	"X'01'" JOB CONTAINS AT LEAST ONE DEMAND ALLOCATION REQUEST
197	(C5)	BITSTRING	1	JSTHFLG3	JSTHFLG3 JST HEADER FLAG3
		1...		JSTSNONE	"X'80'" SETUP = NONE
		.1..		JSTSIHWS	"X'40'" SETUP = IHWS
		..1.		JSTSJOB	"X'20'" SETUP = JOB
		...1		JSTSUSER	"X'10'" SETUP = USER OVERRIDES
		.... 1...		JSTFNONE	"X'08'" FETCH = NONE
		.... .1..		JSTFSET	"X'04'" FETCH = SETUP

Table 402. Structure JSTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... ..1.		JSTFALL	"X'02'" FETCH = ALL
		1		JSTFUSER	"X'01'" FETCH = USER OVERRIDES
198	(C6)	BITSTRING	1	JSTHFLG4	JSTHFLG4 JST HEADER FLAG4
		1...		JSTHWALL	"X'80'" HWS ALL UNITS
		.1..		JSTHWTAP	"X'40'" HWS TAPE UNITS
		..1.		JSTHWDSK	"X'20'" HWS DISK UNITS
		...1		JSTRH410	"X'10'" RESERVED FLAG
		.... 1...		JSTNOXP	"X'08'" NO EXPIRATION DATE CHECK
		.... .1..		JSTHWMSS	"X'04'" MSS HIGH WATERMARK SPECIFIED
		.... ..1.		JSTSDGNM	"X'02'" HONOR SDGXX UNITNAME
		1		JSTNORNG	"X'01'" BYPASS RING CHECK FOR JOB
199	(C7)	BITSTRING	1	JSTVERSN	VERSION NUMBER OF JST
DEFINITION OF JSTVERSN					
199	(C7)	X'2'	0	JSTCURR	"JSTSP421" VERSION NUMBER FOR THIS REL 0658
199	(C7)	X'1'	0	JSTSP312	"1" VERSION INDICATOR FOR SP312
199	(C7)	X'2'	0	JSTSP421	"2" VERSION INDICATOR FOR SP421 0658
200	(C8)	SIGNED	4	JSTRVCHN	REVERSE JST CHAIN
204	(CC)	SIGNED	4	JSTHUSER	RESERVED FOR USER
208	(D0)	SIGNED	4	JSTFEND(0)	END OF JST TABLE HEADER
208	(D0)	BITSTRING	1	JSTFSIZ(0)	FIXED SIZE OF JST HEADER

Table 403. Structure JSTENTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JSTENTRY	
0	(0)	SIGNED	2	JSTVARL	SIZE OF THIS JST ENTRY
2	(2)	BITSTRING	1	JSTENTID	JSTENTID STEP ENTRY ID
2	(2)	X'0'	0	JSTNULL	"0" NULL ENTRY
2	(2)	X'4'	0	JSTSTEP	"4" STEP ENTRY
2	(2)	X'8'	0	JSTDD	"8" DD ENTRY
2	(2)	X'10'	0	JSTULIST	"16" UNITNAME LIST ENTRY
		1111 .111		JSTEOB	"X'F7'" END OF BUFFER
		1111 1111		JSTEOF	"X'FF'" END OF ENTIRE JST
3	(3)	BITSTRING	1	JSTSTPNO	STEP NUMBER
4	(4)	SIGNED	4	JSTSCT(0)	SWA ADDR/TTR OF SCT
4	(4)	SIGNED	4	JSTVOLT	SWA ADDR/TTR OF VOLT
8	(8)	BITSTRING	12	JSTFDDYN	FDB OF DYNAMIC ALLOC BUFFER
20	(14)	SIGNED	2		ALIGN TO FULLWORD
22	(16)	SIGNED	2	JSTSNXT	REL. NMBR OF NEXT STEP
24	(18)	SIGNED	2	JSTHWTOP	REL. NO. OF HWATER CHN START
26	(1A)	SIGNED	2	JSTSCURR	REL. NO. OF THIS JST ENTRY
28	(1C)	CHARACTER	8	JSTSTNM	STEP NAME
36	(24)	CHARACTER	8	JSTPRNM	PROC STEP NAME
44	(2C)	BITSTRING	1	JSTSFLG1	JSTSFLG1 JST STEP FLAG1

Table 403. Structure JSTENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
DEFINITION OF JSTSFLG1.					
		1...		JSTSMULT	"X'80'" MULTIPLE UNIT ALLOC EXISTS
		.1..		JSTDSSTK	"X'40'" THE SMS DATA SET STACKING EXIT WAS INVOKED FOR THIS STEP.
45	(2D)	BITSTRING	1	JSTRSVD3	RESERVED FOR DEVELOPMENT
46	(2E)	SIGNED	2	JSTDDR	SYSSYSX OF DEVICE IN DDR
48	(30)	SIGNED	4	JSTSMSAV	SMS AVAILABILITY MAIN MASK
52	(34)	SIGNED	4	JSTSMSCN	SMS CONNECTIVITY MAIN MASK
56	(38)	SIGNED	4	JSTRSVDS	RESERVED FOR SERVICE
60	(3C)	SIGNED	4	JSTSTUSR(6)	RESERVED FOR USER
84	(54)	BITSTRING	12	JSTSWRK1	MDS WORK AREA
96	(60)	BITSTRING	8	JSTSMSTK	SMS RESOURCE STATUS TOKEN
104	(68)	BITSTRING	12	JSTFRFDB	FDB OF REUSE JST CHAIN
116	(74)	SIGNED	4	JSTSEND(0)	END OF STEP SUMMARY ENTRY
116	(74)	BITSTRING	1	JSTSSIZ(0)	SIZE OF ENTRY
JST DD ENTRY					
0	(0)	SIGNED	2		ENTRY SIZE (JSTVARL)
2	(2)	BITSTRING	1		DD ENTRY ID (JSTENTID)
3	(3)	CHARACTER	1	JSTLABEL	A=AL,B=BLP,N=NL,S=SL,X=NSL
4	(4)	SIGNED	4	JSTDSNAD	MDS DSNAME ENTRY ADDRESS
8	(8)	SIGNED	4	JSTSETAD	ALLOCATION SETUNIT ENTRY ADDRESS
12	(C)	SIGNED	4	JSTVOLAD	WORKAREA VOLUME ENTRY ADDRESS
16	(10)	BITSTRING	1	JSTJVTX(0)	FIRST JVT ENTRY
IATYJVT TYPE=JST JOB VOLUME TABLE RECORD 01 CHANGE ACTIVITY: $SF= z1.4.0 HJS7707 020205 PD0TN: z 1.4.0 0					
16	(10)	BITSTRING	6	JSTVOLID(0)	VOLUME SERIAL NUMBER
16	(10)	BITSTRING	2		Compatible with &VTJNUM - see IATXJBNO macro
18	(12)	BITSTRING	2		JST ID
20	(14)	BITSTRING	2		JVT ID
22	(16)	BITSTRING	1		STEP NUMBER
23	(17)	BITSTRING	1		REL. VOL. POS. IN DD
24	(18)	BITSTRING	2		PTR TO JST ENTRY
26	(1A)	BITSTRING	2		Reserved for IBM
28	(1C)	SIGNED	4		Binary job number
32	(20)	BITSTRING	1		JVTFLAG1 ENTRY FLAG BYTE 1
33	(21)	BITSTRING	1		JVTFLAG2 ENTRY FLAG BYTE 2
34	(22)	BITSTRING	1		JVTFLAG3 ENTRY FLAG BYTE 3
36	(24)	SIGNED	4		RESERVED FOR SERVICE
40	(28)	SIGNED	4	(0)	END OF JVT ENTRY END OF JVT GENERATION
40	(28)	BITSTRING	24	JSTTRSV2	RESERVED FOR DEVELOPMENT 0633
64	(40)	BITSTRING	1	JSTDRSV1	RESERVED FOR SERVICE 2604

Table 403. Structure JSTENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
65	(41)	BITSTRING	1	JSTMSERR	JSTMSERR IATMDMS DM450 ERROR CODE
		MDMSSDEL ERROR CODES			
65	(41)	X'4'	0	JSTMSJST	"4" JST SETVOL POINTER ZERO
65	(41)	X'5'	0	JSTMSVLM	"5" SETVOL SVX POINTER ZERO
65	(41)	X'6'	0	JSTMSHX1	"6" SVXHUSCT NEGATIVE
65	(41)	X'7'	0	JSTMSSVX	"7" SVXUSCT NEGATIVE
65	(41)	X'8'	0	JSTMSMSU	"8" MSUVUALC NEGATIVE
65	(41)	X'9'	0	JSTMSPAT	"9" PATVUALC NEGATIVE
65	(41)	X'A'	0	JSTMSSDG	"10" SDGVUALC NEGATIVE
65	(41)	X'B'	0	JSTMSHX2	"11" SVXUSCT NEGATIVE ON SWITCH TO HOXL
66	(42)	SIGNED	2	JSTJVT	REL ENTRY NO. IN JVT
68	(44)	SIGNED	2	JST2UNAF	INDEX OF NEXT ENTRY IN SECONDARY UNIT AFF CHAIN
72	(48)	DBL WORD	8	(0)	
72	(48)	CHARACTER	8	JSTTYPE	DEVICE TYPE FROM UNIT PARM
80	(50)	CHARACTER	8	JSTDDNM	DD NAME
88	(58)	SIGNED	2	JSTRPN	RELATIVE POSITION NUMBER
90	(5A)	SIGNED	2	JSTDEV	DEVICE ASSIGNED BY MDS
90	(5A)	X'5B'	0	JSTSDG	"JSTDEV+1,1" ASSIGNED MSS SDG
92	(5C)	BITSTRING	1	JSTDFLG1	JSTDFLG1 FLAG 1
		DEFINITION OF JSTDFLG1.			
		1...		JSTTA	"X'80'" TAPE DEVICE
		.1..		JSTDA	"X'40'" DIRECT ACCESS DEVICE
		..1.		JSTUR	"X'20'" UNIT RECORD DEVICE
		...1		JSTGR	"X'10'" GRAPHIC DEVICE
		.... 1...		JSTMS	"X'08'" MSS VIRTUAL DEVICE
93	(5D)	BITSTRING	1	JSTDFLG2	JSTDFLG2 FLAG 2
		DEFINITION OF JSTDFLG2.			
		1...		JSTOLD	"X'80'" DISP=OLD
		.1..		JSTNEW	"X'40'" DISP=NEW
		..1.		JSTSHR	"X'20'" DISP=SHR
		...1		JSTMOD	"X'10'" DISP=MOD
		.... 1...		JSTDEFER	"X'08'" UNIT=(,,DEFER) SPECIFIED
		.... .1..		JSTRING	"X'04'" RING REQUIRED FOR TAPE
		.... ..1.		JSTSMS	"X'02'" DATASET IS SMS MANAGED (NOTE: THE JSTSMS FLAG APPLIES ONLY TO SMS DASD.)
		1		JSTMULTI	"X'01'" MULTI ALOC TO SERIAL DEV
94	(5E)	BITSTRING	1	JSTDFLG3	JSTDFLG3 FLAG 3
		DEFINITION OF JSTDFLG3.			
		1...		JSTVOLFD	"X'80'" VOLUME FOUND IN SYSUNITS
		.1..		JSTDMD	"X'40'" DEMAND ALLOCATION

Table 403. Structure JSTENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		JSTSCR	"X'20'" SCRATCH VOLUME REQUIRED
		...1		JSTNOMNT	"X'10'" NO VOLUME PREMOUNT REQUIRED
		.... 1...		JSTNODEV	"X'08'" NO UNIQUE DEVICE REQUIRED
		.... .1..		JSTMNTD	"X'04'" REQ'D VOLUME MNTD ON DEVICE
		.... ..1.		JSTVLEXC	"X'02'" VOLS USED ON DEV NON SHRABLE
		1		JSTPREUS	"X'01'" PREVIOUS DEVICE USE IN STEP
95	(5F)	BITSTRING	1	JSTDFLG4	JSTDFLG4 FLAG 4
		DEFINITION OF JSTDFLG4.			
		1...		JSTSTPDL	"X'80'" DEALLOCATED VIA STEP TERM
		.1..		JSTMDSAL	"X'40'" ENTRY ALLOCATED BY MDS
		..1.		JSTMDSDL	"X'20'" ENTRY DE-ALLOCATED BY MDS
		...1		JSTDSINC	"X'10'" LAST USE OF DATASET BY JOB
		.... 1...		JSTDVINC	"X'08'" LAST USE OF DEVICE BY JOB
		.... .1..		JSTVLINC	"X'04'" LAST USE OF VOL(S) BY JOB. FOR SMS MANAGED DATASETS, THIS FLAG IS SET BASED ON A DUMMY VOLSER THAT IS GENERATED FOR CHAINING PURPOSES. THE DUMMY VOLSER CONSISTS OF A HEXADECIMAL "FF" FOLLOWED BY THE FIRST FIVE CHARACTERS OF THE DATASET NAME.
		.... ..1.		JSTDDINC	"X'02'" LAST USE OF DD IN STEP
		1		JSTDKMSG	"X'01'" KEEP MSG ON VOL-LST-USE
96	(60)	BITSTRING	1	JSTDFLG5	JSTDFLG5 FLAG 5
		DEFINITION OF JSTDFLG5.			
		1...		JSTMSVGP	"X'80'" MSVGP= SPECIFIED
		.1..		JSTHSTEX	"X'40'" HOSTEXCL UNITNAME SPECIFIED
		..1.		JSTSDGXX	"X'20'" SDG NAME HONORED FOR ENTRY
		...1		JSTSUBUS	"X'10'" SUBSQ USE OF DEV IN STP
		.... 1...		JSTINVIS	"X'08'" ENTRY IS 'INVISIBLE' TO MDS JST ACCESS - CLEARED BY MSVC VOLUME SELECT
		.... .1..		JSTPRSV	"X'04'" ENT REF PRS/RSV VOLUME
		.... ..1.		JSTMSSDL	"X'02'" MSS ENTRY DEALLOCATED
		1		JSTSOFTX	"X'01'" NON-SHR DUE TO HWS CHN
97	(61)	BITSTRING	1	JSTDFLG6	JSTDFLG6 FLAG 6
		DEFINITION OF JSTDFLG6.			
		1...		JSTDUNAF	"X'80'" UNIT AFFINITY SPECIFIED
		.1..		JSTDVRDD	"X'40'" VOL=REF=DD SPECIFIED
		..1.		JSTDVRDS	"X'20'" VOL=REF=DSN SPECIFIED
		...1		JSTDDCBR	"X'10'" DCB=DSNAME SPECIFIED
		.... 1...		JSTBDSAL	"X'08'" BYPASS DATA SET ALLOCATION 0421 FOR THIS DATA SET (I.E 0421 DON'T BUILD A SETDSN ENTRY) 0421
		.... .1..		JSTDSMDS	"X'04'" USE DATA SET NAME IN MDS
		.... ..1.		JSTVRPAS	"X'02'" PASSED DATASET
		1		JSTDPAR	"X'01'" PARALLEL MOUNT REQUEST

Table 403. Structure JSTENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
98	(62)	BITSTRING	1	JSTDFLG7	JSTDFLG7 FLAG 7
	DEFINITION OF JSTDFLG7.				
		1...		JSTDPCAT	"X'80'" POTENTIAL CATLG REQUEST
		.1..		JSTDISAM	"X'40'" DSORG=IS SPECIFIED
		..1.		JSTDCCAT	"X'20'" CONCATENATED DD REQ
		...1		JSTDGDSN	"X'10'" GENERATED DSN
		.... 1...		JSTDJOBL	"X'08'" JOBLIB DD REQUEST
		.... .1..		JSTDJSCT	"X'04'" JOBCAT/STEPCAT REQUEST
		.... ..1.		JSTDCATC	"X'02'" CONCATENATED PRIV CATLG
		1		JSTDGDGS	"X'01'" GDG SINGLE REQUEST
99	(63)	BITSTRING	1	JSTDFLG8	JSTDFLG8 FLAG 8
	DEFINITION OF JSTDFLG8.				
		1...		JSTCIALL	"X'80'" ENTRY ALLOCATED BY INTERPRTR
		.1..		JSTCART	"X'40'" CARTRIDGE TAPE REQUEST
		..1.		JSTHWSPL	"X'20'" DD ENTRY SPLIT OFF BY HWS
		...1		JSTDMDCH	"X'10'" DEMAND SCAN COMPLETE $$$$
		.... 1...		JSTSCRAL	"X'08'" MSVC SCRATCH ALLOC DONE
		.... .1..		JSTSMSMM	"X'04'" SMS MANAGED MOUNTABLE REQ.
		.... ..1.		JSTDSSCN	"X'02'" DATA SET ALREADY SCANNED BY IATMDIQ (IN STORAGE ONLY)
		1		JSTUNLOD	"X'01'" NO TAPE DEVICE UNLOAD REQ'D
100	(64)	BITSTRING	1	JSTDFLU1	JSTDFLU1 USE COUNT AND FETCH FLAG
		1111 111.		JSTUCMSK	"X'FE'" USE COUNT MASK USED TO RESET THE USE COUNT BITS
		1...		JSTDVUIN	"X'80'" DEVICE (SYSUNITS) USE COUNT HAS BEEN INCREMENTED
		.1..		JSTDVUDC	"X'40'" DEVICE (SYSUNITS) USE COUNT HAS BEEN DECREMENTED
		..1.		JSTDSUIN	"X'20'" DATA SET (SETDSN) USE COUNT HAS BEEN INCREMENTED
		...1		JSTDSUDC	"X'10'" DATA SET (SETDSN) USE COUNT HAS BEEN DECREMENTED
		.... 1...		JSTDVMVD	"X'08'" INDICATES THAT THE JSTDVUIN BIT HAS BEEN MOVED TO A PRIOR JST DD ENTRY ON THE DEVICE CHAIN BECAUSE THE LAST JST DD ENTRY ON THE DEVICE CHAIN WAS DYNAMICALLY DEALLOCATED
		.... .1..		JSTDUING	"X'04'" GDG BASE (SETDSN) USE COUNT HAS BEEN INCREMENTED
		.... ..1.		JSTDUDCG	"X'02'" GDG BASE (SETDSN) USE COUNT HAS BEEN DECREMENTED
		1		JSTUFECH	"X'01'" / MAIN FETCH PARM (1=YES)
101	(65)	BITSTRING	1	JSTDFLU2	JSTDFLU2 FLAG
	DEFINITION OF JSTDFLU2				
		1...		JSTMVBYP	"X'80'" DD CALLS FOR SPECIFIC AND NON-SPECIFIC P/R DASD VOLS; LET MVS FIGURE OUT UNITS

Table 403. Structure JSTENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.1..		JSTADR4	"X'40'" 4 DIGIT DEVICE NUMBER IS USED IN JSTUADR
		..1.		JSTDYNAL	"X'20'" THIS IS A DYNAMIC ALLOCATION
		...1		JSTSETGB	"X'10'" THIS JOB SET THE POINTER TO GDG BASE SETDSN
		.... 1...		JSTUASSI	"X'08'" UNIT AFF SSI INVOKED
		.... .1..		JSTLIST	"X'04'" THIS DD HAS A LIST ENTRY
		.... ..1.		JSTPUDIS	"X'02'" PREV USE OF DATASET IN STEP
102	(66)	BITSTRING	1	JSTERRCD	JSTERRCD MDS ERROR CODES 0269
		DEFINITIONS FOR MDS ALLOCATION ERROR CODES 0			
102	(66)	X'4'	0	JSTERR1	"4" TYPE DOESN'T EXIST
102	(66)	X'8'	0	JSTERR2	"8" NOT ENOUGH DEVICES
102	(66)	X'C'	0	JSTERR3	"12" DMD WITH NO MAIN SPEC'D
102	(66)	X'10'	0	JSTERR4	"16" MULTI VOL REQ FOR PRS VOL
102	(66)	X'14'	0	JSTERR5	"20" PRS VOL NOT ON THIS MAIN
102	(66)	X'18'	0	JSTERR6	"24" PRS VOL NOT ON THIS TYPE
102	(66)	X'1C'	0	JSTERR7	"28" VOLUME ON INELIGIBLE MSS
102	(66)	X'20'	0	JSTERR8	"32" VOLUME REF INCOMPATIBLE DEV
102	(66)	X'24'	0	JSTERR9	"36" MOUNT NEEDED, SDEPTH ZERO 0013
102	(66)	X'24'	0	JSTERMX	"JSTERR9" MAXIMUM VALUE OF JSTERRCD 0013
		DEFINITIONS FOR MDS SYSTEM ERROR CODES 0			
102	(66)	X'4'	0	JSTSER1	"4" ATTEMPTING TO DECREMENT SYSUNITS USE COUNT THAT IS ALREADY ZERO
102	(66)	X'8'	0	JSTSER2	"8" ATTEMPTING TO DECREMENT SETDSN USE COUNT THAT IS ALREADY ZERO
102	(66)	X'C'	0	JSTSER3	"12" NO SETVOL ENTRY FOUND 0269
102	(66)	X'10'	0	JSTSER4	"16" ATTEMPTING TO DECREMENT SETVOL ALLOCATION COUNT THAT IS ALREADY ZERO
102	(66)	X'14'	0	JSTSER5	"20" ATTEMPTING TO DECREMENT SETVOL FETCH COUNT THAT IS ALREADY ZERO
102	(66)	X'18'	0	JSTSER6	"24" DUPLICATE SETUNITS ENTRY ON VOLUME VERIFY CHAIN
102	(66)	X'1C'	0	JSTSER7	"28" ATTEMPTING TO INCREMENT SYSUNITS USE CNT THAT HAS ALREADY BEEN INCREMENTED
102	(66)	X'20'	0	JSTSER8	"32" ATTEMPTING TO DECREMENT THE SYSUNITS USE COUNT AND JST INDICATES CNT HAS NOT BEEN INCREMENTED OR HAS ALREADY BEEN DECREMENTED
102	(66)	X'24'	0	JSTSER9	"36" ATTEMPTING TO DECREMENT THE SYSUNITS USE COUNT AND RQ CONTROL COUNT IS ZERO
102	(66)	X'28'	0	JSTSER10	"40" ATTEMPTING TO INCREMENT A SETDSN USE COUNT THAT HAS ALREADY BEEN INCREMENTED
102	(66)	X'2C'	0	JSTSER11	"44" ATTEMPTING TO DECREMENT THE SETDSN USE COUNT AND JST INDICATES COUNT HAS NOT BEEN INCREMENTED OR HAS ALREADY BEEN DECREMENTED

Table 403. Structure JSTENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
102	(66)	X'30'	0	JSTSER12	"48" ATTEMPTING TO DECREMENT THE SETDSN USE COUNT AND THE RQ CONTROL COUNT IS ZERO
102	(66)	X'34'	0	JSTSER13	"52" ATTEMPTING TO INCREMENT THE SETVOL FETCH CONTROL CNT IN THE JST BEYOND THE MAX
102	(66)	X'38'	0	JSTSER14	"56" ATTEMPTING TO DECREMENT THE SETVOL FETCH CNT AND THE JST FETCH COUNT IS ZERO
102	(66)	X'3C'	0	JSTSER15	"60" ATTEMPTING TO DECREMENT THE SETVOL FETCH COUNT AND RQ CONTROL COUNT IS ZERO
102	(66)	X'40'	0	JSTSER16	"64" ATTEMPTING TO INCREMENT THE SETVOL ALLOCATION COUNT IN JST BEYOND THE MAX
102	(66)	X'44'	0	JSTSER17	"68" ATTEMPTING TO DECREMENT THE SETVOL ALLOCATION CNT AND JST ALLOC COUNT IS ZERO
102	(66)	X'48'	0	JSTSER18	"72" ATTEMPTING TO DECREMENT THE SETVOL ALLOCATION CNT AND RQ CONTROL COUNT IS ZERO
103	(67)	BITSTRING	1	JSTMFAIL	JSTMFAIL ALLOCATION FAILURE FLAGS
		DEFINITION OF JSTMFAIL.			
		1...		JSTDVNAL	"X'80'" DEVICE ALLOCATION FAILURE
		.1..		JSTDSNAL	"X'40'" DSNAME ALLOCATION FAILURE
		..1.		JSTVLNAL	"X'20'" VOLUME ALLOCATION FAILURE
		...1		JSTVUNAL	"X'10'" UNAVAILABLE VOLUME
		.... 1...		JSTMNTPD	"X'08'" VOLUME MOUNT PENDING
		.... .1..		JSTVDNAL	"X'04'" VOLUME'S DEVICE FAILURE
		.... ..1.		JSTGBNAL	"X'02'" GDG BASE ALLOCATION FAILURE
		WHENEVER JSTUADR IS SET, THE BIT JSTADR4 IN JSTDFLU2 MUST BE SET.			
104	(68)	CHARACTER	4	JSTUADR	4 DIGIT DEVICE NUMBER
104	(68)	X'68'	0	JST3ADR	"JSTUADR,3" 3 DIGIT DEVICE NUMBER
108	(6C)	SIGNED	2	JSTVLSEQ	JVT SEQUENCE NUMBER OF VOLUME THAT FAILED ALLOC
110	(6E)	SIGNED	2	JSTLSTEN	INDEX OF UNITNAME LIST ENTRY
112	(70)	SIGNED	2	JSTDUSER	RESERVED FOR USER
116	(74)	SIGNED	4	JSTSHEND(0)	END OF SHORT ENTRY
116	(74)	BITSTRING	0	JSTSHSIZ(0)	SIZE OF SHORT ENTRY
116	(74)	SIGNED	4	JSTSIOT(0)	SWA ADDRESS OF SIOT DURING POSTSCAN
116	(74)	SIGNED	4	JSTJFCB(0)	SWA ADDRESS OF JFCB DURING POSTSCAN
116	(74)	SIGNED	4	JSTSETNM	SETNAMES ADDRESS DURING MAIN LIMITING AND SOFT ALLOCATION
120	(78)	SIGNED	2	JSTDBRF	ID OF REF'D JST ENTRY
122	(7A)	SIGNED	2	JSTDFRF1	IMMEDIATE FORWARD REF
124	(7C)	SIGNED	2	JSTDFRF2	IATIIP1 UNIT AFF FWD CHAIN IATMDMS FORWARD CHAIN SAVE
126	(7E)	SIGNED	2	JSTDBRF1	IMMEDIATE BACKWARD REF
128	(80)	SIGNED	2	JSTDBRF2	IATIIP1 UNIT AFF BKWD CHAIN IATMDMS BACKWARD CHAIN SAVE

Table 403. Structure JSTENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
128	(80)	X'7A'	0	JSTDTHRD	"JSTDFRF1" REL. NMBR OF NXT USR OF DEV
130	(82)	BITSTRING	1	JSTDSIZE	LENGTH OF DSNAME
130	(82)	CHARACTER	45	JSTDSNAM	DATASET NAME
175	(AF)	BITSTRING	1	JSTMEDIA	MEDIA TYPE OF REQUEST
176	(B0)	SIGNED	2	JSTHWNXT	REL. NO. OF NXT HWATR DDNTRY
176	(B0)	BITSTRING	1	JSTVLFCT	NUMBER OF TIMES A VOL FETCH COUNT WAS INCREMENTED WITHOUT A CORRESPONDING DECREMENT
177	(B1)	BITSTRING	1	JSTVLACT	NUMBER OF TIMES A VOL ALLOC COUNT WAS INCREMENTED WITHOUT A CORRESPONDING DECREMENT
178	(B2)	BITSTRING	1	JSTNUMUN	HIGH WATER SETUP UNIT COUNT
179	(B3)	BITSTRING	1	JSTRSVDB	RESERVED BYTE
176	(B0)	SIGNED	4	JSTMSSMN	MAIN MASK FOR EXTRA SDG ALLOC FOR HWS
180	(B4)	BITSTRING	6	JSTSCRVL	SCRATCH VOLSER REPLACED BY MSVC VOLUME SELECT
186	(BA)	SIGNED	2	JSTUTBIN	HWS UTB INDEX
188	(BC)	SIGNED	4		RESERVED FOR JES3 SERVICE
192	(C0)	BITSTRING	8		RESERVED FOR DEVELOPMENT
200	(C8)	SIGNED	4	JSTVEND(0)	END OF FULL ENTRY
200	(C8)	BITSTRING	1	JSTVSIZ(0)	SIZE OF FULL ENTRY
		JST UNITNAME LIST ENTRY			
0	(0)	SIGNED	2		ENTRY SIZE (JSTVARL)
2	(2)	BITSTRING	1		UNIT LIST ENTRY ID -JSTENTID
3	(3)	BITSTRING	1		UNUSED
4	(4)	SIGNED	2	JSTLSNXT	INDEX OF NEXT LIST ENTRY
6	(6)	SIGNED	2	JSTDDIND	
		THE FOLLOWING NAME/FLAG FIELDS ARE REPEATED FOR EACH UNITNAME IN THE LIST ENTRY. IF THERE ARE MORE NAMES THAN WILL FIT IN AN ENTRY, ADDITIONAL ENTRIES WILL BE CREATED.			
8	(8)	CHARACTER	8	JSTULNAM	UNIT NAME
16	(10)	BITSTRING	1	JSTULFL1	FLAG BYTE NUMBER 1
		1...		JSTULAST	"X'80'" LAST UNIT NAME FOR REQUEST
		.1..		JSTELAST	"X'40'" LAST UNIT NAME IN THIS UNIT NAME LIST ENTRY
17	(11)	BITSTRING	1	JSTULFL2	FLAG BYTE NUMBER 2
18	(12)	BITSTRING	1	JSTLEND(0)	END OF NAME AND ASSOC FLAGS
18	(12)	BITSTRING	1	JSTLSIZE(0)	LENGTH OF NAME/FLAGS

Table 404. Cross Reference for IATYJST

Name	Offset	Hex Tag
JSTADR4	65	40
JSTALLOC	C3	40
JSTBDSAL	61	8
JSTBRKDN	C3	8
JSTCART	63	40

Table 404. Cross Reference for IATYJST (continued)

Name	Offset	Hex Tag
JSTCATFD	7C	
JSTCHN	C	0
JSTCIALL	63	80
JSTCNSMS	C4	2
JSTCNT	6	0
JSTCURR	C7	2
JSTDA	5C	40
JSTDATA	1C	
JSTDBRF	78	
JSTDBRF1	7E	
JSTDBRF2	80	
JSTDCATC	62	2
JSTDCCAT	62	20
JSTDCHN	AC	
JSTDD	2	8
JSTDDCBR	61	10
JSTDDINC	5F	2
JSTDDIND	6	
JSTDDNM	50	
JSTDDR	2E	
JSTDEFER	5D	8
JSTDEV	5A	
JSTDFLG1	5C	
JSTDFLG2	5D	
JSTDFLG3	5E	
JSTDFLG4	5F	
JSTDFLG5	60	
JSTDFLG6	61	
JSTDFLG7	62	
JSTDFLG8	63	
JSTDFLU1	64	
JSTDFLU2	65	
JSTDFRF1	7A	
JSTDFRF2	7C	
JSTDGDGS	62	1
JSTDGDSN	62	10
JSTDISAM	62	40
JSTDJOBL	62	8
JSTDJSCT	62	4
JSTDKMSG	5F	1
JSTDMD	5E	40
JSTDMDAL	C4	1
JSTDMDCH	63	10
JSTDPAR	61	1
JSTDPCAT	62	80
JSTDRSV1	40	

Table 404. Cross Reference for IATYJST (continued)

Name	Offset	Hex Tag
JSTDSINC	5F	10
JSTDSIZE	82	
JSTDSMDS	61	4
JSTDSNAD	4	
JSTDSNAL	67	40
JSTDSNAM	82	
JSTDSSCN	63	2
JSTDSSTK	2C	40
JSTDSUDC	64	10
JSTDSUIN	64	20
JSTDTHRD	80	7A
JSTDUDCG	64	2
JSTDUING	64	4
JSTDUNAF	61	80
JSTDUSER	70	
JSTDVINC	5F	8
JSTDVMVD	64	8
JSTDVNAL	67	80
JSTDVRDD	61	40
JSTDVRDS	61	20
JSTDVUDC	64	40
JSTDVUIN	64	80
JSTDYACT	C4	20
JSTDYCNT	38	
JSTDYNAL	65	20
JSTELAST	10	40
JSTENTID	2	
JSTENTRY	0	
JSTEOB	2	F7
JSTEOF	2	FF
JSTERMX	66	24
JSTERRCD	66	
JSTERR1	66	4
JSTERR2	66	8
JSTERR3	66	C
JSTERR4	66	10
JSTERR5	66	14
JSTERR6	66	18
JSTERR7	66	1C
JSTERR8	66	20
JSTERR9	66	24
JSTFALL	C5	2
JSTFDDYN	8	
JSTFEND	D0	
JSTFETCH	C3	80
JSTFIXL	B8	

Table 404. Cross Reference for IATYJST (continued)

Name	Offset	Hex Tag
JSTFNCJB	A0	A0
JSTFNCJC	C0	C0
JSTFNONE	C5	8
JSTFRFDB	68	
JSTFSET	C5	4
JSTFSIZ	D0	
JSTFUSER	C5	1
JSTGBNAL	67	2
JSTGR	5C	10
JSTHFLG1	C3	
JSTHFLG2	C4	
JSTHFLG3	C5	
JSTHFLG4	C6	
JSTHIGHE	C0	
JSTHINCL	C4	40
JSTHSTEX	60	40
JSTHSTN	BA	
JSTHUSER	CC	
JSTHWALL	C6	80
JSTHWDSK	C6	20
JSTHWMSS	C6	4
JSTHWNXT	B0	
JSTHWSPL	63	20
JSTHWTAP	C6	40
JSTHWTOP	18	
JSTID	8	D1E2E340
JSTIDD	A0	
JSTINVIS	60	8
JSTJBNAM	1C	
JSTJFCB	74	
JSTJRSMS	C4	4
JSTJVT	42	
JSTJVTFD	88	
JSTJVTX	10	
JSTLABEL	3	
JSTLEND	12	
JSTLIST	65	4
JSTLOWE	BE	
JSTLSIZE	12	
JSTLSNXT	4	
JSTLSTEN	6E	
JSTMAIN	C2	
JSTMAINF	2C	
JSTMAINV	30	
JSTMDSAL	5F	40
JSTMDSDL	5F	20

Table 404. Cross Reference for IATYJST (continued)

Name	Offset	Hex Tag
JSTMEDIA	AF	
JSTMFAIL	67	
JSTMNTD	5E	4
JSTMNTPD	67	8
JSTMOD	5D	10
JSTMOUNT	C3	20
JSTMPNAM	24	
JSTMS	5C	8
JSTMSERR	41	
JSTMSHX1	41	6
JSTMSHX2	41	B
JSTMSJST	41	4
JSTMSMSU	41	8
JSTMSPAT	41	9
JSTMSSDG	41	A
JSTMSSDL	60	2
JSTMSSIN	C4	10
JSTMSSMN	B0	
JSTMSSRF	C4	80
JSTMSSVX	41	7
JSTMSVGP	60	80
JSTMSVLM	41	5
JSTMULTI	5D	1
JSTMVBYP	65	80
JSTNEW	5D	40
JSTNODEV	5E	8
JSTNOMNT	5E	10
JSTNORNG	C6	1
JSTNOXP	C6	8
JSTNULL	2	0
JSTNUMUN	B2	
JSTOLD	5D	80
JSTPARM	70	
JSTPDJST	C4	8
JSTPREUS	5E	1
JSTPRNM	24	
JSTPRSV	60	4
JSTPUDIS	65	2
JSTRH101	C3	1
JSTRH102	C3	2
JSTRH104	C3	4
JSTRH410	C6	10
JSTRING	5D	4
JSTRPN	58	
JSTRSVDB	B3	
JSTRSVDS	38	

Table 404. Cross Reference for IATYJST (continued)

Name	Offset	Hex Tag
JSTRSVD3	2D	
JSTRVCHN	C8	
JSTSCR	5E	20
JSTSCRAL	63	8
JSTSCRVL	B4	
JSTSCT	4	
JSTSCURR	1A	
JSTSDG	5A	5B
JSTSDGNM	C6	2
JSTSDGXX	60	20
JSTSEND	74	
JSTSER1	66	4
JSTSER10	66	28
JSTSER11	66	2C
JSTSER12	66	30
JSTSER13	66	34
JSTSER14	66	38
JSTSER15	66	3C
JSTSER16	66	40
JSTSER17	66	44
JSTSER18	66	48
JSTSER2	66	8
JSTSER3	66	C
JSTSER4	66	10
JSTSER5	66	14
JSTSER6	66	18
JSTSER7	66	1C
JSTSER8	66	20
JSTSER9	66	24
JSTSETAD	8	
JSTSETGB	65	10
JSTSETNM	74	
JSTSFLG1	2C	
JSTSHEND	74	
JSTSHR	5D	20
JSTSHSIZ	74	
JSTSIHWS	C5	40
JSTSIOT	74	
JSTSJOB	C5	20
JSTSMS	5D	2
JSTSMSAV	30	
JSTSMSCN	34	
JSTSMSMM	63	4
JSTSMSTK	60	
JSTSMULT	2C	80
JSTSNONE	C5	80

Table 404. Cross Reference for IATYJST (continued)

Name	Offset	Hex Tag
JSTSNXT	16	
JSTSOFTX	60	1
JSTSP312	C7	1
JSTSP421	C7	2
JSTSSIZ	74	
JSTSTART	0	
JSTSTEP	2	4
JSTSTNM	1C	
JSTSTPDL	5F	80
JSTSTPNO	3	
JSTSTUSR	3C	
JSTSUBUS	60	10
JSTSUSER	C5	10
JSTSWRK1	54	
JSTTA	5C	80
JSTTRK	0	0
JSTTRSV1	94	
JSTTRSV2	28	
JSTTYPE	48	
JSTUADR	68	
JSTUASSI	65	8
JSTUCMSK	64	FE
JSTUFECH	64	1
JSTULAST	10	80
JSTULFL1	10	
JSTULFL2	11	
JSTULIST	2	10
JSTULNAM	8	
JSTUNLOD	63	1
JSTUR	5C	20
JSTUTBIN	BA	
JSTVARL	0	
JSTVDNAL	67	4
JSTVEND	C8	
JSTVERSN	C7	
JSTVLACT	B1	
JSTVLEXC	5E	2
JSTVLFCT	B0	
JSTVLID	18	0
JSTVLINC	5F	4
JSTVLNAL	67	20
JSTVLSEQ	6C	
JSTVOLAD	C	
JSTVOLFD	5E	80
JSTVOLID	10	
JSTVOLT	4	

Table 404. Cross Reference for IATYJST (continued)

Name	Offset	Hex Tag
JSTVRFYD	C3	10
JSTVRPAS	61	2
JSTVSIZ	C8	
JSTVUMPC	34	
JSTVUNAL	67	10
JST1STP	BC	
JST2UNAF	44	
JST25ATO	3A	20
JST25CAT	3A	40
JST25DYA	3A	80
JST25END	6C	70
JST25FG1	3A	
JST25FG2	3B	
JST25FSD	48	
JST25FST	44	
JST25MSD	64	
JST25MST	60	
JST25NDF	40	
JST25NDM	58	
JST25NMV	5C	
JST25NTF	3C	
JST25NTM	54	
JST25SIZ	70	
JST25SMF	3A	
JST25SSD	50	
JST25SST	4C	
JST25VVD	6C	
JST25VVT	68	
JST3ADR	68	68

IATYJTS information

IATYJTS programming interface information

The following field is **NOT** programming interface information:

- JTSLIST

IATYJTS heading information

Common name:	JOB TRACK ALLOCATION TABLE SEARCH BLOCK (JTS)
Macro ID:	IATYJTS
DSECT name:	JTSSTART
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	JTS Offset: 0 Length: 4

Storage attributes:	Auxiliary Storage: N/A Subpool: 0 (JESPOOL) Key: 1 (JESKEY) Residency: ANY
Size:	JTSSIZE
Created by:	N/A
Pointed to by:	N/A
Serialization:	YES
Function:	DESCRIBES JOB AND DATASET TAT SEARCH PARAMETER LIST

IATYJTS mapping

Table 405. Structure JTSSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JTSSTART	
		JOB AND DATASET TAT SEARCH PARAMETER LIST			
0	(0)	CHARACTER	4	JTSID	DATA AREA IDENTIFIER
4	(4)	BITSTRING	1	JTSEXOPT	EXTENT OPTIONS
		1...		JTSEXALL	"X'80'" - EXT=ALL
		.1..		JTSEXDRN	"X'40'" - EXT=DRAINED
		..1.		JTSEXUNV	"X'20'" - EXT=UNAVAIL
		...1		JTSEXHLD	"X'10'" - EXT=HELD
		.... 1...		JTSEXLST	"X'08'" - EXT=LIST
5	(5)	BITSTRING	1	JTSGPOPT	GROUP OPTIONS
		1...		JTSGPALL	"X'80'" - GRPS=ALL
		.1..		JTSGPFRS	"X'40'" - GRPS=FIRST
		..1.		JTSGPTAT	"X'20'" - GRPS=TAT
6	(6)	BITSTRING	1	JTSFLAGS	INTERNAL PROCESSING FLAGS
		1...		JTSSUMEX	"X'80'" - EXTLIST= SPECIFIED
		.1..		JTSSUMSP	"X'40'" - SPBLIST= SPECIFIED
		..1.		JTSEOD	"X'20'" - EOD INDICATOR
		...1		JTSUNVDA	"X'10'" - UNAVAILABLE DATA SET
		.... 1...		JTSDMJDS	"X'08'" - JCT points to dummy JDS This flag is also used in IATIQPG to indicate that TATs for a dummy JDS have been found.
7	(7)	BITSTRING	1	JTSRSVD	RESERVED FOR DEVELOPMENT
8	(8)	ADDRESS	4	JTSJCT	JCT ADDRESS
12	(C)	SIGNED	4	JTSJDSOF	RESUME OFFSET IN WORK FDB
16	(10)	BITSTRING	12	JTSJDSDB	JDS FDB
28	(1C)	BITSTRING	28	JTSJBTFD	TAT FDB
56	(38)	SIGNED	4	JTSGRPCT	LOGICAL TRACK GROUP COUNT
60	(3C)	ADDRESS	4	JTSLIST	EXTLIST/SPBLIST TABLE ADDRESS
60	(3C)	X'40'	0	JTSEND	"*"

Table 405. Structure JTSSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
60	(3C)	X'40'	0	JTSSIZE	"JTSEND-JTSSTART"

Table 406. Cross Reference for IATYJTS

Name	Offset	Hex Tag
JTSDMJDS	6	8
JTSEND	3C	40
JTSEOD	6	20
JTSEXALL	4	80
JTSEXDRN	4	40
JTSEXHLD	4	10
JTSEXLST	4	8
JTSEXOPT	4	
JTSEXUNV	4	20
JTSFLAGS	6	
JTSGPALL	5	80
JTSGPFRS	5	40
JTSGPOPT	5	
JTSGPTAT	5	20
JTSGRPCT	38	
JTSID	0	
JTSJBTFD	1C	
JTSJCT	8	
JTSJDSDB	10	
JTSJDSOF	C	
JTSLIST	3C	
JTSRSVD	7	
JTSSIZE	3C	40
JTSSTART	0	
JTSSUMEX	6	80
JTSSUMSP	6	40
JTSUNVDA	6	10

IATYJUSF information

IATYJUSF heading information

Common name: JESXCF User State Field

Macro ID: IATYJUSF

DSECT name: JUSSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Main Storage: None
Virtual Storage: None
Auxiliary Storage: None

Size: JUSSIZE

Created by: N/A

Pointed to by: N/A

Serialization: N/A

Function: Generates a mapping of the JESXCF user state field.

IATYJUSF mapping

Table 407. Structure JUSSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JUSSTART	, JESXCF User State Information
The following four bytes of the user state field are reserved for JESXCF. Do not define these first four bytes for JES3's use.					
0	(0)	BITSTRING	1	JUSJXFG1	JESXCF Flag One
Definition of JUSJXFG1.					
		1...		JUSCONAC	"X'80'" JESXCF connection is active (if off, connection is not active)
1	(1)	BITSTRING	3	JUSJSXC2	Used by JESXCF
The following four fields are used to map the JES portion of the user state.					
4	(4)	BITSTRING	1	JUSJSFG1	JES Flag One
Definition of JUSJSFG1.					
		1...		JUSAMRCG	"X'80'" All active mains have reconnected to the Global
		.1..		JUSHS140	"X'40'" Reserved for development
		..1.		JUSJS120	"X'20'" Reserved for development
		...1		JUSJS110	"X'10'" Reserved for development
		.... 1...		JUSJS108	"X'08'" Reserved for development
		.... .1..		JUSJS104	"X'04'" Reserved for development
		.... ..1.		JUSJS102	"X'02'" Reserved for development
		1		JUSJS101	"X'01'" Reserved for development
5	(5)	BITSTRING	1	JUSJSFG2	JES Flag Two
Definition of JUSJSFG2.					
		1...		JUSJS280	"X'80'" Reserved for development
		.1..		JUSJS240	"X'40'" Reserved for development
		..1.		JUSJS220	"X'20'" Reserved for development
		...1		JUSJS210	"X'10'" Reserved for development
		.... 1...		JUSJS208	"X'08'" Reserved for development
		.... .1..		JUSJS204	"X'04'" Reserved for development
		.... ..1.		JUSJS202	"X'02'" Reserved for development
		1		JUSJS201	"X'01'" Reserved for development
6	(6)	BITSTRING	1	JUSJSFG3	JES Flag Three
Definition of JUSJSFG3.					
		1...		JUSJS380	"X'80'" Reserved for service
		.1..		JUSJS340	"X'40'" Reserved for service

Table 407. Structure JUSSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		JUSJS320	"X'20'" Reserved for service
		...1		JUSJS310	"X'10'" Reserved for service
		.... 1...		JUSJS308	"X'08'" Reserved for service
		.... .1..		JUSJS304	"X'04'" Reserved for service
		.... ..1.		JUSJS302	"X'02'" Reserved for service
		1		JUSJS301	"X'01'" Reserved for service
7	(7)	BITSTRING	1	JUSJSFG4	JES Flag Four
		Definition of JUSJSFG4.			
		1...		JUSJS480	"X'80'" Reserved for service
		.1..		JUSJS440	"X'40'" Reserved for service
		..1.		JUSJS420	"X'20'" Reserved for service
		...1		JUSJS410	"X'10'" Reserved for service
		.... 1...		JUSJS408	"X'08'" Reserved for service
		.... .1..		JUSJS404	"X'04'" Reserved for service
		.... ..1.		JUSJS402	"X'02'" Reserved for service
		1		JUSJS401	"X'01'" Reserved for service
		The following 21 bytes in the JES portion of the JESXCF user state are not mapped yet.			
8	(8)	BITSTRING	21	JUSJESRS	Reserved for JES
		JESXCF User State Common Section. Shared between JESXCF, JES2, and JES3. Modifications to this section requires changes to the JESXCF component.			
29	(1D)	BITSTRING	1	JUPCOMON(0)	
29	(1D)	BITSTRING	1	JUSCMFG1	Common section flag one
		Definition of JUSCMFG1.			
		1...		JUSCM180	"X'80'" Reserved for development
		.1..		JUSCM140	"X'40'" Reserved for development
		..1.		JUSCM120	"X'20'" Reserved for development
		...1		JUSCM110	"X'10'" Reserved for development
		.... 1...		JUSCM108	"X'08'" Reserved for development
		.... .1..		JUSCM104	"X'04'" Reserved for development
		.... ..1.		JUSCM102	"X'02'" Reserved for development
		1		JUSCM101	"X'01'" Reserved for development
30	(1E)	BITSTRING	1	JUSCMFG2	Common section flag two
		Definition of JUSCMFG2.			
		1...		JUSCM280	"X'80'" Reserved for development
		.1..		JUSCM240	"X'40'" Reserved for development
		..1.		JUSCM220	"X'20'" Reserved for development
		...1		JUSCM210	"X'10'" Reserved for development
		.... 1...		JUSCM208	"X'08'" Reserved for development
		.... .1..		JUSCM204	"X'04'" Reserved for development
		.... ..1.		JUSCM202	"X'02'" Reserved for development

Table 407. Structure JUSSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1		JUSCM201	"X'01'" Reserved for development
31	(1F)	BITSTRING	1	JUSCMFG3	Common section flag three
		Definition of JUSCMFG3.			
		1...		JUSCM380	"X'80'" Reserved for development
		.1..		JUSCM340	"X'40'" Reserved for development
		..1.		JUSCM320	"X'20'" Reserved for development
		...1		JUSCM310	"X'10'" Reserved for development
		.... 1...		JUSCM308	"X'08'" Reserved for development
		.... .1..		JUSCM304	"X'04'" Reserved for development
		.... ..1.		JUSCM302	"X'02'" Reserved for development
		1		JUSCM301	"X'01'" Reserved for development
		End of JESXCF User State Information.			
32	(20)	BITSTRING	1	JUSEND(0)	End of user state info
32	(20)	X'20'	0	JUSSIZE	"JUSEND-JUSSTART" Size of user state info
		Make sure that the user state field is exactly 32 bytes.			
32	(20)	BITSTRING	0	(0)	Don't go over 32
32	(20)	BITSTRING	1	(0)	Don't go under 32

Table 408. Cross Reference for IATYJUSF

Name	Offset	Hex Tag
JUPCOMON	1D	
JUSAMRCG	4	80
JUSCMFG1	1D	0
JUSCMFG2	1E	0
JUSCMFG3	1F	0
JUSCM101	1D	1
JUSCM102	1D	2
JUSCM104	1D	4
JUSCM108	1D	8
JUSCM110	1D	10
JUSCM120	1D	20
JUSCM140	1D	40
JUSCM180	1D	80
JUSCM201	1E	1
JUSCM202	1E	2
JUSCM204	1E	4
JUSCM208	1E	8
JUSCM210	1E	10
JUSCM220	1E	20
JUSCM240	1E	40
JUSCM280	1E	80

Table 408. Cross Reference for IATYJUSF (continued)

Name	Offset	Hex Tag
JUSCM301	1F	1
JUSCM302	1F	2
JUSCM304	1F	4
JUSCM308	1F	8
JUSCM310	1F	10
JUSCM320	1F	20
JUSCM340	1F	40
JUSCM380	1F	80
JUSCONAC	0	80
JUSEND	20	
JUSHS140	4	40
JUSJESRS	8	0
JUSJSFG1	4	0
JUSJSFG2	5	0
JUSJSFG3	6	0
JUSJSFG4	7	0
JUSJSXC2	1	
JUSJS101	4	1
JUSJS102	4	2
JUSJS104	4	4
JUSJS108	4	8
JUSJS110	4	10
JUSJS120	4	20
JUSJS201	5	1
JUSJS202	5	2
JUSJS204	5	4
JUSJS208	5	8
JUSJS210	5	10
JUSJS220	5	20
JUSJS240	5	40
JUSJS280	5	80
JUSJS301	6	1
JUSJS302	6	2
JUSJS304	6	4
JUSJS308	6	8
JUSJS310	6	10
JUSJS320	6	20
JUSJS340	6	40
JUSJS380	6	80
JUSJS401	7	1
JUSJS402	7	2
JUSJS404	7	4
JUSJS408	7	8
JUSJS410	7	10
JUSJS420	7	20
JUSJS440	7	40

Table 408. Cross Reference for IATYJUSF (continued)

Name	Offset	Hex Tag
JUSJS480	7	80
JUSJXFG1	0	
JUSSIZE	20	20
JUSSTART	0	

IATYJVD information

IATYJVD programming interface information

The following fields are **NOT** programming interface information:

- JVDDMJV
- JVDDSPEP
- JVDIJOB
- JVDJVDR
- JVDJVQAD
- JVDUX14
- JVDVIOAR
- JVDVIOEX
- JVDVIWAD
- JVDVJOB
- JVDVMSG
- JVDVSRE
- JVDVSRV
- JVDVTAT
- JVDXVIOA

IATYJVD heading information

Common name:	JES3 JOB validation/restart data CSECT
Macro ID:	IATYJVD
DSECT name:	JVDSTART
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	JVD Offset: JVDID Length: 4
Storage attributes:	Auxiliary Storage: N/A Subpool: 0 Key: 1 (JESKEY) Residency: ANY
Size:	JVDSIZE
Created by:	IATINJV
Pointed to by:	R13 under INJOBVAL FCT, JVWJVDAD in IATYJVD
Serialization:	NONE
Function:	Used to pass information to the job validation and restart modules.

IATYJVD mapping

Table 409. Structure JVDSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JVDSTART	
0	(0)	SIGNED	4	JVDREGS(18)	REGISTER SAVE AREA
72	(48)	CHARACTER	4	JVDID	DATA AREA IDENTIFIER
76	(4C)	ADDRESS	4	JVDFCTAD	FCT ADDRESS
80	(50)	ADDRESS	4	JVDJVQAD	JVQ ADDRESS
84	(54)	ADDRESS	4	JVDJVWAD	ADDRESS OF JVW FOR CURRENT JOB
88	(58)	ADDRESS	4	JVDVIWAD	Address of Job Validation I/O Work Area (VIW)
92	(5C)	ADDRESS	4	JVDDSPEP	ADDRESS OF DSP JBVAL EP TABLE
96	(60)	ADDRESS	4	JVDSRCPB	ADDRESS OF SRV DESC CELL POOL BLOCK
MODULE/SUBROUTINE ENTRY POINT ADDRESSES SUPPLIED BY IATINJV					
100	(64)	ADDRESS	4	JVDVMSG	IATINJV - IATXVMSG EP
104	(68)	ADDRESS	4	JVDJVDR	IATJVDR - IATJVDR MODULE START ADDRESS
108	(6C)	ADDRESS	4	JVDDMJV	IATDMJV - ADDRESS OF IATDMJV EP TABLE
112	(70)	ADDRESS	4	JVDVJOB	IATDMJV - JOB SPOOL VALIDATION EP
116	(74)	ADDRESS	4	JVDVFDB	IATDMJV - IATXVFDB EP
120	(78)	ADDRESS	4	JVDVTAT	IATDMJV - IATXVTAT EP
124	(7C)	ADDRESS	4	JVDVSRV	IATDMJV - IATXVSRV EP
128	(80)	ADDRESS	4	JVDVSRE	IATDMJV - IATXVSRE EP
132	(84)	ADDRESS	4	JVDIJOB	IATDMJV - Initial Job Spool Validation E.P.
136	(88)	ADDRESS	4	JVDUX14	IATUX14 - IATUX14 MODULE START ADDRESS
140	(8C)	ADDRESS	4	JVDXVIOA	IATDMVIO - Job Validation I/O Services E.P.
JVDSTAT --- RESTART/VALIDATION DSP STATUS INDICATORS					
144	(90)	BITSTRING	1	JVDSTAT	
		1...		JVDSINIT	"X'80'" DSP INITIALIZATION IN PROGRESS
		.1..		JVDSJOBS	"X'40'" JOB SELECT IN PROGRESS
		..1.		JVDSJOBV	"X'20'" JOB VALIDATION IN PROGRESS
		...1		JVDSJOBT	"X'10'" JOB CLEANUP IN PROGRESS
		.... 1...		JVDSTERM	"X'08'" DSP TERMINATION IN PROGRESS
		.... .1..		JVDSFAIL	"X'04'" DSP FAILSOFT RECOVERY IN PROGRESS
		.... ..1.		JVDSABN2	"X'02'" DSP FAILSOFT FAILURE
JVDOPT --- INITIALIZATION OPTIONS INDICATORS					
145	(91)	BITSTRING	1	JVDOPT	
		1...		JVDSPALL	"X'80'" SPOOL SPACE MUST BE REALLOCATED
		.1..		JVDSPCHK	"X'40'" ENSURE SPOOL SPACE ALREADY ALLOCATED
		..1.		JVDANALS	"X'20'" PERFORM ANALYSIS OF SPOOL RECS

Table 409. Structure JVDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		...1		JVDRSTRT	"X'10'" PERFORM JOB RESTART

```
 Parameter Lists.
VDVIOAR IATXVIO FUNC=ADD_READ, IATXVIO ADD_READ parm list
```

```
     $S5= SDSFASST HJS7760 080720 PD0TN: z 1.11.0
        IATXVIO FUNC=ADD_READ, IATXVIO ADD_READ List Form X
```

148	(94)	SIGNED	4	JVDVIOAR(0)	IATXVIO ADD_READ List Form
148	(94)	ADDRESS	4		FDB address
152	(98)	ADDRESS	4		Root FDB address
156	(9C)	ADDRESS	4		Description address
160	(A0)	CHARACTER	4		Control block id
164	(A4)	ADDRESS	4		Job name address
168	(A8)	ADDRESS	4		Job id address
168	(A8)	X'18'	0	JVDVIASZ	"*-JVDVIOAR" Size of parameter list

```
VDVIOEX IATXVIO FUNC=EXTRACT, IATXVIO EXTRACT parm list
```

```
     $S5= SDSFASST HJS7760 080720 PD0TN: z 1.11.0
        IATXVIO FUNC=EXTRACT, IATXVIO EXTRACT List Form X
```

172	(AC)	SIGNED	4	JVDVIOEX(0)	IATXVIO EXTRACT List Form
172	(AC)	SIGNED	4		Search argument
176	(B0)	ADDRESS	4		Output root FDB address
180	(B4)	ADDRESS	4		Output description address
184	(B8)	ADDRESS	4		Output FDB pointer address
184	(B8)	X'10'	0	JVDVIESZ	"*-JVDVIOEX" Size of parameter list
188	(BC)	BITSTRING	1	JVDRSVD1(2)	RESERVED FOR DEVELOPMENT
192	(C0)	SIGNED	4	JVDRSVD2(2)	RESERVED FOR DEVELOPMENT
200	(C8)	SIGNED	4	JVDRSVS1(2)	RESERVED FOR SERVICE
208	(D0)	SIGNED	4	JVDRSVU1(2)	RESERVED FOR USER
208	(D0)	X'D8'	0	JVDEND	"*"
208	(D0)	X'D8'	0	JVDSIZE	"JVDEND-JVDSTART" SIZE OF JVD

Table 410. Cross Reference for IATYJVD

Name	Offset	Hex Tag
JVDANALS	91	20
JVDDMJV	6C	
JVDDSPEP	5C	
JVDEND	D0	D8
JVDFCTAD	4C	
JVDID	48	
JVDIJOB	84	
JVDJVDR	68	
JVDJVQAD	50	
JVDJVWAD	54	
JVDOPT	91	
JVDREGS	0	

Table 410. Cross Reference for IATYJVD (continued)

Name	Offset	Hex Tag
JVDRSTRT	91	10
JVDRSVD1	BC	
JVDRSVD2	C0	
JVDRSVS1	C8	
JVDRSVU1	D0	
JVDSABN2	90	2
JVDSFAIL	90	4
JVDSINIT	90	80
JVDSIZE	D0	D8
JVDSJOBS	90	40
JVDSJOBT	90	10
JVDSJOBV	90	20
JVDSPALL	91	80
JVDSPCHK	91	40
JVDSRCPB	60	
JVDSTART	0	
JVDSTAT	90	
JVDSTERM	90	8
JVDUX14	88	
JVDVFDB	74	
JVDVIASZ	A8	18
JVDVIESZ	B8	10
JVDVIOAR	94	
JVDVIOEX	AC	
JVDVIWAD	58	
JVDVJOB	70	
JVDVMSG	64	
JVDVSRE	80	
JVDVSRV	7C	
JVDVTAT	78	
JVDXVIOA	8C	

IATYJVL information

IATYJVL heading information

Common name: Job Validation/Restart Error Logout Data Area

Macro ID: IATYJVL

DSECT name: JVLSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: JVL
Offset: 0
Length: 4

Storage attributes: Main Storage: JESPOOL
Auxiliary Storage: N/A

Size: JVLSIZE

Created by: IATINLG

Pointed to by: R13 in the INJOBSNP FCT

Serialization: None

Function: The Job Validation/Restart Error Logout Data Area (JVL) is used to pass information to the job snap modules from the INJOBSNP FCT driver module, IATINLG. It contains the pointers to routines and the data areas used by the job snap modules.

IATYJVL mapping

Table 411. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

Table 412. Structure JVLSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JVLSTART	
0	(0)	SIGNED	4	JVLREGS(18)	SAVE AREA
72	(48)	CHARACTER	4	JVLID	DATA AREA IDENTIFIER
76	(4C)	ADDRESS	4	JVLFCTA	INJOBSNP FCT ADDRESS
80	(50)	ADDRESS	4	JVLJVQAD	ADDRESS OF JVQ
84	(54)	ADDRESS	4	JVLJVWAD	ADDRESS OF CURRENT JVW
88	(58)	ADDRESS	4	JVLJVLG	IATJVLG MODULE ADDRESS
92	(5C)	ADDRESS	4	JVLDMLG	IATDMLG EP ADDRESS
96	(60)	ADDRESS	4	JVLSJOB	IATJVLG JOB SNAP EP ADDRESS
100	(64)	ADDRESS	4	JVLPRNT	SNAP PRINT LINE ROUTINE
104	(68)	ADDRESS	4	JVLSNPRT	CNTL BLK SNAP ROUTINE
108	(6C)	ADDRESS	4	JVLSRV	CURRENT SRV ENTRY SAVE AREA
112	(70)	ADDRESS	4	JVLSRVBL	CURRENT SRV BLOCK SAVE AREA
116	(74)	SIGNED	4	JVLSRVCT	CURRENT SRV COUNT
120	(78)	SIGNED	2	JVLSOFST	SUPPRESSED OFFSET START
122	(7A)	SIGNED	2	JVLEOFST	SUPPRESSED OFFSET END
124	(7C)	SIGNED	4	JVLRSRV	RESERVED FOR DEVELOPMENT
128	(80)	DBL WORD	8	JVLWORK	CONVERSION WORK AREA
JVLWKFDB --- SINGLE RECORD FILE WORK FDB					
136	(88)	BITSTRING	1	JVLWKFDB	SINGLE RECORD FILE WORK FDB
JVLISTAT --- IATINLG CURRENT FUNCTION (JESTAE FOOTPRINT)					
148	(94)	BITSTRING	1	JVLISTAT	
148	(94)	X'1'	0	JVLDOPN	"1" OPEN OF JES3SNAP
148	(94)	X'2'	0	JVLLOAD	"2" LOADING SNAP MODULES
148	(94)	X'3'	0	JVLREQ	"3" WAITING FOR A JOB
148	(94)	X'4'	0	JVLACTV	"4" JOB SNAP PROCESSING ACTIVE
148	(94)	X'5'	0	JVLDONE	"5" JOB SNAP COMPLETE
148	(94)	X'6'	0	JVLDEL	"6" DELETING SNAP MODULES
148	(94)	X'7'	0	JVLDCLS	"7" CLOSE OF JES3SNAP

Table 412. Structure JVLSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
JVLJSTAT --- IATJVLG CURRENT FUNCTION (JESTAE FOOTPRINT)					
149	(95)	BITSTRING	1	JVLJSTAT	
149	(95)	X'1'	0	JVLJVWFM	"1" FORMATTING THE JVW
149	(95)	X'2'	0	JVLJVWSP	"2" PROCESSING THE JVW SNAP
149	(95)	X'3'	0	JVLJVWST	"3" PROCESSING STATUS INDICATORS
149	(95)	X'4'	0	JVLQMSG	"4" PRINTING QUEUED JOB MESSAGES
149	(95)	X'5'	0	JVLDMCLD	"5" CALLED DMLG FOR SPOOL SNAP
JVLDSTAT --- IATDMLG CURRENT FUNCTION (JESTAE FOOTPRINT)					
150	(96)	BITSTRING	1	JVLDSTAT	
150	(96)	X'1'	0	JVLDSUM	"1" SPOOL SUMMARY PROCESSING
150	(96)	X'2'	0	JVLDREC	"2" SPOOL RECORD PROCESSING
150	(96)	X'3'	0	JVLUNKS	"3" UNKNOWN SRV PROCESSING
JVLFLAG1 --- SNAP INDICATORS					
151	(97)	BITSTRING	1	JVLFLAG1	
		1...		JVLRETRY	"X'80'" INJV JESTAE ROUTINE IN CONTROL
		.1..		JVLDESCR	"X'40'" SUMMARY DESCRIPTOR MSG NEEDED
		..1.		JVLUNSRV	"X'20'" UNKNOWN SRV FOUND FOR JOB
152	(98)	SIGNED	4	JVLRSVDD(2)	RESERVED FOR DEVELOPMENT
160	(A0)	SIGNED	4	JVLRSVDS(2)	RESERVED FOR SERVICE
168	(A8)	SIGNED	4	JVLRSVDU(2)	RESERVED FOR USER
JES3SNAP PRINT LINE					
176	(B0)	SIGNED	4	JVLREC(0)	
176	(B0)	ADDRESS	2	JVLBDW(2)	BLOCK DESCRIPTOR WORD
180	(B4)	ADDRESS	2	JVLRDW(2)	RECORD DESCRIPTOR WORD
184	(B8)	CHARACTER	121	JVLLINE	PRINT LINE AREA
184	(B8)	X'131'	0	JVLLEND	"*"
305	(131)	CHARACTER	121	JVLMSGWK	MESSAGE WORK AREA
426	(1AA)	CHARACTER	121	JVLSLINE	LINES SUPPRESSED MSG WORK AREA
547	(223)	BITSTRING	1	JVLRSVD1	RESERVED FOR DEVELOPMENT
JES3SNAP WRITE PARAMETER LIST WRITE JVLWRITE,SF,JVLDCB,JVLREC,MF=L					
548	(224)	SIGNED	4	JVLWRITE	EVENT CONTROL BLOCK
552	(228)	BITSTRING	1		TYPE FIELD
553	(229)	BITSTRING	1		TYPE FIELD
554	(22A)	ADDRESS	2		LENGTH
556	(22C)	ADDRESS	4		DCB ADDRESS
560	(230)	ADDRESS	4		ADDRESS OF 64-BIT PTR
564	(234)	ADDRESS	4		RECORD POINTER WORD
JES3SNAP OPEN PARAMETER LIST JVLOPEN OPEN (JVLDCB,OUTPUT),MF=L					

Table 412. Structure JVLSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
568	(238)	SIGNED	4	JVLOPEN(0)	ALIGN LIST TO WORD
568	(238)	ADDRESS	1		Option byte
569	(239)	ADDRESS	3		DCB or ACB address
JES3SNAP DCB JVLDCB DCB DDNAME=JES3SNAP,DEVD=DA,DSORG=PS,MACRF=W,RECFM=VBA, BLKSIZE=882,LRECL=125,SYNAD=JVLBR14 DATA CONTROL BLOCK					
572	(23C)	SIGNED	4	JVLDCB(0)	ORIGIN ON WORD BOUNDARY DIRECT ACCESS DEVICE INTERFACE
572	(23C)	BITSTRING	16		FDAD, DVTBL
588	(24C)	ADDRESS	4		KEYLEN, DEVT, TRBAL COMMON ACCESS METHOD INTERFACE
592	(250)	ADDRESS	1		BUFNO, NUMBER OF BUFFERS
593	(251)	ADDRESS	3		BUFCB, BUFFER POOL CONTROL BLOCK
596	(254)	ADDRESS	2		BUFL, BUFFER LENGTH
598	(256)	BITSTRING	2		DSORG, DATA SET ORGANIZATION
600	(258)	ADDRESS	4		IOBAD FOR EXCP OR RESERVED FOUNDATION EXTENSION
604	(25C)	BITSTRING	1		BFTEK, BFALN, DCBE INDICATORS
605	(25D)	ADDRESS	3		EODAD (END OF DATA ROUTINE ADDRESS)
608	(260)	BITSTRING	1		RECFM (RECORD FORMAT)
609	(261)	ADDRESS	3		EXLST (EXIT LIST ADDRESS) FOUNDATION BLOCK
612	(264)	CHARACTER	8		DDNAME
620	(26C)	BITSTRING	1		OFLGS (OPEN FLAGS)
621	(26D)	BITSTRING	1		IFLGS (IOS FLAGS)
622	(26E)	BITSTRING	2		MACR (MACRO FORMAT) BSAM-BPAM-QSAM INTERFACE
624	(270)	BITSTRING	1		OPTCD, OPTION CODES
625	(271)	ADDRESS	3		CHECK OR INTERNAL QSAM SYNCHRONIZING RTN.
628	(274)	ADDRESS	4		SYNAD, SYNCHRONOUS ERROR RTN. (3 BYTES)
632	(278)	SIGNED	2		INTERNAL ACCESS METHOD FLAGS
634	(27A)	ADDRESS	2		BLKSIZE, BLOCK SIZE
636	(27C)	SIGNED	4		INTERNAL ACCESS METHOD FLAGS
640	(280)	ADDRESS	4		INTERNAL ACCESS METHOD USE BSAM-BPAM INTERFACE
644	(284)	ADDRESS	1		NCP, MAX NUM OF OUTSTANDING READ/WRITES
645	(285)	ADDRESS	3		EOBR, INTERNAL ACCESS METHOD USE
648	(288)	ADDRESS	4		EOBW, INTERNAL ACCESS METHOD USE
652	(28C)	ADDRESS	1	(2)	FLAGS AND EITHER DIRCT OR BUFOFF
654	(28E)	ADDRESS	2		LRECL
656	(290)	ADDRESS	4		CNTRL, NOTE, POINT
JES3SNAP OPEN SYNAD EXIT ROUTINE					

Table 412. Structure JVLSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
CONVERT A HEXADECIMAL VALUE TO PRINTABLE HEX ROUTINE JVLACVX ACVX , GENERATE PRINTABLE HEX $TD= J3SPLDTA HJS7790 110817 RD0DJ: z 2.1.0					
662	(296)	SIGNED	2	JVLACVX(0)	ALIGNMENT
686	(2AE)	SIGNED	2	S0011(3)	WORK AREA
692	(2B4)	SIGNED	2	T0011(5)	WORK AREA
702	(2BE)	CHARACTER	16	V0011	XLATE TABLE
ON ENTRY R1 POINTS TO TARGET WORD, ON EXIT R1 POINTS TO PRINTABLE					
702	(2BE)	X'2CE'	0	JVLEND	"*" END OF THE JVL
702	(2BE)	X'2CE'	0	JVLSIZE	"JVLEND-JVLSTART" SIZE OF THE JVL DATA AREA

Table 413. Cross Reference for IATYJVL

Name	Offset	Hex Tag
JVLACTV	94	4
JVLACVX	296	
JVLBDW	B0	
JVLDCB	23C	
JVLDCLS	94	7
JVLDEL	94	6
JVLDESCR	97	40
JVLDMCLD	95	5
JVLDMLG	5C	
JVLDONE	94	5
JVLDOPN	94	1
JVLDREC	96	2
JVLDSTAT	96	0
JVLDSUM	96	1
JVLEND	2BE	2CE
JVLEOFST	7A	0
JVLFCTA	4C	
JVLFLAG1	97	0
JVLID	48	D1E5D340
JVLISTAT	94	0
JVLJSTAT	95	0
JVLJVLG	58	
JVLJVQAD	50	
JVLJVWAD	54	
JVLJVWFM	95	1
JVLJVWSP	95	2
JVLJVWST	95	3
JVLLEND	B8	131
JVLLINE	B8	40404040
JVLLOAD	94	2
JVLMSGWK	131	40404040

Table 413. Cross Reference for IATYJVL (continued)

Name	Offset	Hex Tag
JVLOPEN	238	
JVLPRNT	64	
JVLQMSG	95	4
JVLRDW	B4	
JVLREC	B0	
JVLREGS	0	0
JVLREQ	94	3
JVLRETRY	97	80
JVLRSRV	7C	0
JVLRSVDD	98	0
JVLRSVDS	A0	0
JVLRSVDU	A8	0
JVLRSVD1	223	0
JVLSIZE	2BE	2CE
JVLSJOB	60	
JVLSLINE	1AA	40404040
JVLSNPRT	68	
JVLSOFST	78	0
JVLSRV	6C	
JVLSRVBL	70	
JVLSRVCT	74	0
JVLSTART	0	
JVLUNKS	96	3
JVLUNSRV	97	20
JVLWKFDB	88	0
JVLWORK	80	0
JVLWRITE	224	0
S0011	2AE	0
T0011	2B4	0
V0011	2BE	F0F1F2F3

IATYJVQ information

IATYJVQ heading information

Common name: JES3 initialization job validation queue control

Macro ID: IATYJVQ

DSECT name: JVQSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: JVQ
Offset: JVQID
Length: 4

Storage attributes: Auxiliary Storage: N/A
Subpool: 0 (JESPOOL)
Key: 1 (JESKEY)
Residency: ANY

Size: JVQSIZE

Created by: IATINJR

Pointed to by: JVDJVQAD in IATYJVD, JVLJVQAD in IATYJVL, JVWJVQAD in IATYJVW

Serialization: NONE

Function: Maps the data area used to communicate between JSS during JES3 initialization and the JOB VALIDATION and SNAP FCTS.

IATYJVQ mapping

Table 414. Structure JVQSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JVQSTART	
0	(0)	CHARACTER	4	JVQID	DATA AREA IDENTIFIER
4	(4)	ADDRESS	4	JVQSNAPA	ADDRESS OF SNAP WORK AREA
8	(8)	ADDRESS	4	JVQJVWAD	ADDRESS OF JVW AREA
12	(C)	SIGNED	4	JVQJVWSZ	SIZE OF THE JVW AREA
16	(10)	ADDRESS	4	JVQDSPEP	ADDRESS OF DSP JBVAL EP TABLE
20	(14)	ADDRESS	4	JVQSRCPB	ADDRESS OF SRV DESC CELL POOL BLOCK
24	(18)	ADDRESS	4	JVQVICPB	Address of the Job Validation I/O Element (VIO) cell pool block
28	(1C)	ADDRESS	4	JVQXVIOA	Address of the Job Validation I/O Services module (IATDMVIO)
32	(20)	SIGNED	2	JVQDSPLN	SIZE OF THE DSP JBVAL EP TABLE
34	(22)	SIGNED	2	JVQDSPCT	NUMBER OF DSP JBVAL TABLE ENTRIES
36	(24)	SIGNED	2	JVQFCTCT	NUMBER OF JOB PROCESSING FCTS COMPLETE
38	(26)	SIGNED	2	JVQFCTAT	NUMBER OF JOB PROCESSING FCTS ATTACHED
40	(28)	SIGNED	2	JVQJVWCT	NUMBER OF JVW ELEMENTS CONSTRUCTED
42	(2A)	SIGNED	2	JVQJCTSZ	SIZE OF EACH JCT RECORD
JVQOPT --- JES3 INITIALIZATION OPTION INDICATORS					
44	(2C)	BITSTRING	1	JVQOPT	
		1...		JVQSPALL	"X'80'" SPOOL SPACE MUST BE REALLOCATED
		.1..		JVQSPCHK	"X'40'" ENSURE SPOOL SPACE ALREADY ALLOCATED
		..1.		JVQANALS	"X'20'" PERFORM ANALYSIS OF SPOOL RECORDS
		...1		JVQRSTRT	"X'10'" PERFORM JOB RESTART
JVQSTAT --- IATINJR STATUS INDICATORS					
45	(2D)	BITSTRING	1	JVQSTAT	
		1...		JVQJCTER	"X'80'" ERROR(S) ENCOUNTERED READING JCT
		.1..		JVQDSABL	"X'40'" JOB CANCEL/SYSTEM DISABLE REQUESTED
		..1.		JVQSNPAT	"X'20'" INJOBSNP FCT HAS BEEN ATTACHED
		...1		JVQNOSNP	"X'10'" ATTACH OF INJOBSNP NOT ALLOWED
		.... 1...		JVQSNPER	"X'08'" INJOBSNP FAILURE

Table 414. Structure JVQSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... .1..		JVQDLALL	"X'04'" Operator replied CONT(INUE),ALL to the IAT4174 WTOR
JVQECF --- IATINJR/IATINJV COMMUNICATIONS ECF					
46	(2E)	BITSTRING	1	JVQECF	
		1...		JVQEJVWJ	"X'80'" JVQJVWJQ IS NOT EMPTY
		.1..		JVQEJVWW	"X'40'" JVQJVWWQ IS NOT EMPTY
		..1.		JVQEJVWT	"X'20'" JVQJVWTQ IS NOT EMPTY
		...1		JVQEJVWS	"X'10'" JVQJVWSQ IS NOT EMPTY
		.... 1...		JVQETERM	"X'08'" TERMINATE THE IATINJV FCTS
		.... .1..		JVQESTRM	"X'04'" TERMINATE THE IATINLG FCT
		.... ..1.		JVQEFCTT	"X'02'" AN FCT TERMINATED
		1		JVQEFCTF	"X'01'" AN FCT FAILED TO INITIALIZE
JVQACTN - IATINJR WTOR ACTIONS					
47	(2F)	BITSTRING	1	JVQACTN	WTOR ACTIONS
		1...		JVQSNPAL	"X'80'" OPERATOR REQUESTED SNAP, ALL TO IAT4174
		.1..		JVQHOLD	"X'40'" OPERATOR REQUESTED HOLD, ALL TO IAT4140
		..1.		JVQCANCL	"X'20'" OPERATOR REQUESTED CANCEL, ALL TO IAT4140
QUEUE HEADS FOR JOB VALIDATION WORK AREAS					
48	(30)	ADDRESS	4	JVQJVWWQ	JVW'S WAITING FOR AN IATINJV FCT
52	(34)	ADDRESS	4	JVQJVWTQ	JVW'S WAITING FOR JOB TERM PROCESSING
56	(38)	ADDRESS	4	JVQJVWJQ	JVW'S WAITING FOR A JOB
60	(3C)	ADDRESS	4	JVQJVWSQ	JVW'S WAITING FOR THE IATINLG FCT
JCT DATA SET PROCESSING WORK FIELDS					
64	(40)	ADDRESS	4	JVQJCTBF	PTR TO JSAM BUFFER FOR JCT UPDATING
68	(44)	SIGNED	4	JVQLOWMR	FIRST JCT RECORD NUMBER (R OF M.R)
72	(48)	SIGNED	4	JVQHIGHR	Last used JCT record number as determined by IATINJQ
76	(4C)	SIGNED	4	JVQSIOMR	RECORD NUMBER OF LAST RECORD READ
80	(50)	SIGNED	4	JVQJOBQA	TOD HIGHEST JOB NO ADDED TO QUEUE
84	(54)	SIGNED	4	JVQJOBQN	JOB NUMBER OF HIGHEST JOB ADDED
88	(58)	SIGNED	2	JVQDATSZ	SIZE OF DAT FOR JCT INPUT
90	(5A)	SIGNED	2	JVQDATPG	NUMBER OF DATS PER 4K PAGE
92	(5C)	ADDRESS	4	JVQIOAD	ADDRESS OF DMC/DAT AREA
96	(60)	SIGNED	4	JVQIOSIZ	LENGTH OF DMC/DAT AREA
100	(64)	SIGNED	4	JVQDMCSZ	OFFSET TO START OF DAT AREA
104	(68)	ADDRESS	4	JVQDMCFQ	HEAD OF FREE DMC QUEUE
108	(6C)	SIGNED	2	JVQDMCFC	NUMBER OF DMCS ON THE JVQDMCFQ
110	(6E)	SIGNED	2	JVQJCTTK	NUMBER OF JCTS ON EACH TRACK
112	(70)	ADDRESS	4	JVQDMCPH	HEAD OF PENDING DMC QUEUE
116	(74)	ADDRESS	4	JVQDMCPT	TAIL OF PENDING DMC QUEUE

Table 414. Structure JVQSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
120	(78)	ADDRESS	4	JVQSYSLH	Pointer to chain of IATYSYSL build areas
124	(7C)	ADDRESS	4	JVQSYSLE	Pointer to chain of IATYSYSL build entries, sorted by time
128	(80)	SIGNED	4	JVQRSVD1(2)	RESERVED FOR DEVELOPMENT
136	(88)	SIGNED	4	JVQRSVS1(2)	RESERVED FOR SERVICE
144	(90)	SIGNED	4	JVQRSVU1(2)	RESERVED FOR USER
152	(98)	BITSTRING	1	JVQSECLS	XSEC PARM LIST AREA FOR IATINJR 0460
152	(98)	X'860'	0	JVQEND	"*"
152	(98)	X'860'	0	JVQSIZE	"JVQEND-JVQSTART"

Table 415. Cross Reference for IATYJVQ

Name	Offset	Hex Tag
JVQACTN	2F	
JVQANALS	2C	20
JVQCANCL	2F	20
JVQDATPG	5A	
JVQDATSZ	58	
JVQDLALL	2D	4
JVQDMCFC	6C	
JVQDMCFQ	68	
JVQDMCPH	70	
JVQDMCPT	74	
JVQDMCSZ	64	
JVQDSABL	2D	40
JVQDSPCT	22	
JVQDSPEP	10	
JVQDSPLN	20	
JVQECF	2E	
JVQEFCTF	2E	1
JVQEFCTT	2E	2
JVQEJVWJ	2E	80
JVQEJVWS	2E	10
JVQEJVWT	2E	20
JVQEJVWW	2E	40
JVQEND	98	860
JVQESTRM	2E	4
JVQETERM	2E	8
JVQFCTAT	26	
JVQFCTCT	24	
JVQHIGHR	48	
JVQHOLD	2F	40
JVQID	0	
JVQIOAD	5C	
JVQIOSIZ	60	
JVQJCTBF	40	

Table 415. Cross Reference for IATYJVQ (continued)

Name	Offset	Hex Tag
JVQJCTER	2D	80
JVQJCTSZ	2A	
JVQJCTTK	6E	
JVQJOBQA	50	
JVQJOBQN	54	
JVQJVWAD	8	
JVQJVWCT	28	
JVQJVWJQ	38	
JVQJVWSQ	3C	
JVQJVWSZ	C	
JVQJVWTQ	34	
JVQJVWWQ	30	
JVQLOWMR	44	
JVQNOSNP	2D	10
JVQOPT	2C	
JVQRSTRT	2C	10
JVQRSVD1	80	
JVQRSVS1	88	
JVQRSVU1	90	
JVQSECLS	98	
JVQSIOMR	4C	
JVQSIZE	98	860
JVQSNAPA	4	
JVQSNPAL	2F	80
JVQSNPAT	2D	20
JVQSNPER	2D	8
JVQSPALL	2C	80
JVQSPCHK	2C	40
JVQSRCPB	14	
JVQSTART	0	
JVQSTAT	2D	
JVQSYSLE	7C	
JVQSYSLH	78	
JVQVICPB	18	
JVQXVIOA	1C	

IATYJVT information

IATYJVT programming interface information

IATYJVT is a programming interface.

IATYJVT heading information

Common name: JOB VOLUME TABLE RECORD

Macro ID: IATYJVT

DSECT name: JVTSTART (FIXED SECTION), JVTENTRY (VARIABLE ENTRY)

Owning component: JES3 (SC1BA)

Eye-catcher ID: JVT
Offset: 8
Length: 4

Storage attributes: Auxiliary Storage: SPOOL
Subpool: 230
Key: 1 (JESKEY)
Residency: ANY

Size: JVTHSIZ (FOR JVTSTART)
JVTESIZ (FOR JVTENTRY)

Created by: IATIIDY,
IATIIP0X,
IATIIPR

Pointed to by: JSTJVTFD IN IATYJST

Serialization: VIA MDSVGET MACRO

Function: THIS DATA AREA CONTAINS LISTS OF VOLUMES AND FLAGS AND IS USED TO PRE-ALLOCATE VOLUMES FOR A JOB. USED WITH THE JST. EACH ENTRY IS ASSOCIATED WITH A JST ENTRY. THE FIRST JVT ENTRY ASSOCIATED WITH EACH JST ENTRY IS COPIED INTO THE JST ENTRY.

IATYJVT mapping

Table 416. Structure IATYJVT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATYJVT	

Table 417. Structure JVTSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JVTSTART	
0	(0)	BITSTRING	6	JVTTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	JVTCNT	USER COUNT.
8	(8)	CHARACTER	4	JVTID	File id.
12	(C)	BITSTRING	12	JVTCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	JVTVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	JVTDATA(0)	START OF USER DATA AREA.
28	(1C)	SIGNED	2	JVTLNGTH	LENGTH OF HEADER + ENTRIES
30	(1E)	SIGNED	2	JVTHJES3	RESERVED FOR JES3
32	(20)	SIGNED	4	JVTRVCHN	REVERSE JVT CHAIN
36	(24)	SIGNED	2	JVTHDRL	LENGTH OF HEADER AREA
38	(26)	SIGNED	2	JVTENTL	LENGTH OF EACH ENTRY
40	(28)	SIGNED	2	JVTLOW	LOWEST ENTRY NO. IN THIS REC
42	(2A)	SIGNED	2	JVTHIGH	HIGHEST ENTRY NO. IN THIS RE
44	(2C)	BITSTRING	1	JVTHFLG	JVTHFLG FLAG BYTE
		DEFINITION OF JVTHFLG			
		1...		JVTCMPLT	"X'80'" C/I JVT PROCESSING IS COMPLETE. SET AFTER POSTSCAN PROCESSING IS COMPLETE AND JUST BEFORE THE LAST TIME THE JVT IS WRITTEN.
45	(2D)	BITSTRING	1	JVTHFLG2	JVTHFLG2 FLAG BYTE 2
48	(30)	SIGNED	4	JVTHEND(0)	END OF JVT HEADER
48	(30)	BITSTRING	1	JVTHSIZ(0)	HDR SIZE USED FOR JVT BUILD

Table 418. Structure JVTENTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JVTENTRY	
0	(0)	BITSTRING	6	JVTVLSER(0)	VOLUME SERIAL NUMBER
0	(0)	BITSTRING	2	JVTJNUMC	Compatible with &VTJNUM - see IATXJBNO macro
2	(2)	BITSTRING	2	JVTJSIDX	JST ID
4	(4)	BITSTRING	2	JVTJVIDX	JVT ID
6	(6)	BITSTRING	1	JVTSTPNO	STEP NUMBER
7	(7)	BITSTRING	1	JVTVLSEQ	REL. VOL. POS. IN DD
8	(8)	BITSTRING	2	JVTJSTID	PTR TO JST ENTRY
10	(A)	BITSTRING	2	JVTRSVDD	Reserved for IBM
12	(C)	SIGNED	4	JVTJNUM	Binary job number
16	(10)	BITSTRING	1	JVTFLAG1	JVTFLAG1 ENTRY FLAG BYTE 1
		1...		JVTMOUNT	"X'80'" VOLUME IS MOUNTED
		.1..		JVTMATCH	"X'40'" VOLUME IS MATCHED
		..1.		JVTFIRST	"X'20'" VOLUME IS FIRST OF GROUP
		...1		JVTDUMMY	"X'10'" DUMMY JVT ENTRY
		.... 1...		JVTLSTVL	"X'08'" LAST VOLUME OF DD
		.... .1..		JVTUNAFF	"X'04'" UNIT AFF FOR THIS VOL
		.... ..1.		JVTLSTUS	"X'02'" LAST USE OF VOL IN JOB
		1		JVTSTRLS	"X'01'" VOL RELEASABLE AT STEP END
17	(11)	BITSTRING	1	JVTFLAG2	JVTFLAG2 ENTRY FLAG BYTE 2
		1...		JVTPRMNT	"X'80'" VOL PREVIOUSLY MOUNTED
		.1..		JVTPRES	"X'40'" VOL PERMANENTLY RESIDENT
		..1.		JVTJSTAL	"X'20'" JVTJSTID IS JST (NOT IJS)
		...1		JVTFSTUS	"X'10'" 1ST USE OF VOLUME IN JOB
		.... 1...		JVTFL208	"X'08'" Reserved for IBM 0030
		.... .1..		JVTVLNAL	"X'04'" VOLUME ALLOCATION FAILURE
		.... ..1.		JVTVDNAL	"X'02'" VOLUME'S DEVICE FAILURE
		1		JVTSCRCH	"X'01'" SCRATCH VOLUME
18	(12)	BITSTRING	1	JVTFLAG3	JVTFLAG3 ENTRY FLAG BYTE 3
		1...		JVTLSTJJ	"X'80'" LAST JVT FOR JST ENTRY
20	(14)	SIGNED	4	JVTRSVDS	RESERVED FOR SERVICE
24	(18)	SIGNED	4	JVTEEND(0)	END OF JVT ENTRY
24	(18)	BITSTRING	1	JVTESIZ(0)	ENTRY SIZE FOR BUILD

Table 419. Cross Reference for IATYJVT

Name	Offset	Hex Tag
IATYJVT	0	
JVTCHN	C	0
JVTCMPLT	2C	80
JVTCNT	6	0
JVTDATA	1C	
JVTDUMMY	10	10
JVTEEND	18	
JVTENTL	26	
JVTENTRY	0	

Table 419. Cross Reference for IATYJVT (continued)

Name	Offset	Hex Tag
JVTESIZ	18	
JVTFIRST	10	20
JVTFLAG1	10	
JVTFLAG2	11	
JVTFLAG3	12	
JVTFL208	11	8
JVTFSTUS	11	10
JVTHDRL	24	
JVTHEND	30	
JVTHFLG	2C	
JVTHFLG2	2D	
JVTHIGH	2A	
JVTHJES3	1E	
JVTHSIZ	30	
JVTID	8	D1E5E340
JVTJNUM	C	
JVTJNUMC	0	
JVTJSIDX	2	
JVTJSTAL	11	20
JVTJSTID	8	
JVTJVIDX	4	
JVTLNGTH	1C	
JVTLOW	28	
JVTLSTJJ	12	80
JVTLSTUS	10	2
JVTLSTVL	10	8
JVTMATCH	10	40
JVTMOUNT	10	80
JVTPRES	11	40
JVTPRMNT	11	80
JVTRSVDD	A	
JVTRSVDS	14	
JVTRVCHN	20	
JVTSCRCH	11	1
JVTSTART	0	
JVTSTPNO	6	
JVTSTRLS	10	1
JVTTRK	0	0
JVTUNAFF	10	4
JVTVDNAL	11	2
JVTVLID	18	0
JVTVLNAL	11	4
JVTVLSEQ	7	
JVTVLSER	0	

IATYJVW information

IATYJVW programming interface information

IATYJVW is a programming interface.

IATYJVW heading information

Common name:	Job Validation/Restart Work Area
Macro ID:	IATYJVW
DSECT name:	JVWSTART
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	JVW Offset: JVWID Length: 4
Storage attributes:	Auxiliary Storage: N/A Subpool: 0 (JESPOOL) Key: 1 (JESKEY) Residency: ANY
Size:	See Assembler Listing
Created by:	IATINJR
Pointed to by:	JVDJVWAD in IATYJVD JVQJVWAD in IATYJVQ JVLJVWAD in IATYJVL JVQJVWWQ in IATYJVQ JVQJVWTQ in IATYJVQ JVQJVWJQ in IATYJVQ JVQJVWSQ in IATYJVQ JVWNEXT in IATYJVW
Serialization:	NONE
Function:	Used to represent jobs during validation and restart processing. NOTE: Any changes or additions to the flag bytes JVWSTA1 - JVWSTA8 must be reflected in the module which formats them (IATJVLG).

IATYJVW mapping

Table 420. Structure SRFSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SRFSTART	
0	(0)	BITSTRING	6	SRFTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	SRFCNT	USER COUNT.
8	(8)	CHARACTER	4	SRFID	File id.
12	(C)	BITSTRING	12	SRFCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	SRFVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	SRFDATA(0)	START OF USER DATA AREA.

Table 421. Structure JVWSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	JVWSTART	
0	(0)	CHARACTER	4	JVWID	DATA AREA IDENTIFIER
4	(4)	ADDRESS	4	JVWJVDAD	BACK PTR TO JVD FOR INJV FCT
8	(8)	ADDRESS	4	JVWNEXT	PTR TO NEXT QUEUED JVW ON JVQJVWTQ, JVQJVWWQ, JVQJVWSQ, OR JVQJVWJQ

Table 421. Structure JVWSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
12	(C)	ADDRESS	4	JVWJDSTB	Address of the JDS Spool 19634TKC work area 19634TKC
16	(10)	ADDRESS	4	JVWSRVAD	Address of the SRV Table 19634TKC Header and Entries 19634TKC
20	(14)	ADDRESS	4	JVWJCT	Address of the JCT copy 19634TKC area 19634TKA
24	(18)	SIGNED	2	JVWJDTSZ	Size of the JDS Spool Table 19634TKM
26	(1A)	SIGNED	2	JVWJCTSZ	JCT maximum size 19634TKM
28	(1C)	SIGNED	4	JVWWORK	Fullwork work area 19634TKC
32	(20)	DBL WORD	8	JVWWORKD	Doubleword scratch pad area 19634TKC
40	(28)	DBL WORD	8	JVWCONVD	Doubleword conversion work 19634TKC area 19634TKA
		JOB SPECIFIC INFORMATION Note: this section is cleared each time this 19634TKA JVW is used to represent a job 19634TKA			
48	(30)	SIGNED	4	JVWJOBDT(0)	START OF JOB RELATED DATA
48	(30)	CHARACTER	8	JVWJOBNM	JOB NAME
56	(38)	CHARACTER	8	JVWJOBID	JOB ID
64	(40)	ADDRESS	4	JVWMSGQ	HEAD OF MESSAGE BUFFER QUEUE
68	(44)	ADDRESS	4	JVWMSGQE	TAIL OF MESSAGE BUFFER QUEUE
72	(48)	CHARACTER	8	JVWSYSTM	MAIN NAME IF JOB IS ACTIVE
80	(50)	CHARACTER	8	JVWFSSID	FSID OF C/I FSS PROCESSING THIS JOB
88	(58)	BITSTRING	12	JVWJCFDB	JCT SPOOL RECORD FDB
100	(64)	ADDRESS	4	JVWJCTXA	JCTX buffer address 19634TKC
104	(68)	BITSTRING	12	JVWJCXFD	JCTX FDB
116	(74)	ADDRESS	4	JVWJCXTK	IATXVIO token associated with the JCTX
120	(78)	BITSTRING	28	JVWJCTPF	JCT spool record prefix
148	(94)	BITSTRING	28	JVWJCXPF	JCTX spool record prefix
176	(B0)	BITSTRING	12	JVWJDFDB	JDAB SPOOL RECORD FDB
188	(BC)	ADDRESS	4	JVWJDAB	JDAB BUFFER ADDRESS (ZERO IF JDAB NOT AVAILABLE)
192	(C0)	ADDRESS	4	JVWJDATK	IATXVIO token associated with the JDAB
196	(C4)	BITSTRING	12	JVWJMFDB	JMR SPOOL RECORD FDB
208	(D0)	ADDRESS	4	JVWJMR	JMR BUFFER ADDRESS (ZERO IF JMR NOT AVAILABLE)
212	(D4)	ADDRESS	4	JVWJMRTK	IATXVIO token associated with the JMR
216	(D8)	BITSTRING	12	JVWJSFDB	JST SPOOL RECORD FDB
228	(E4)	BITSTRING	12	JVWDJFDB	DJST SPOOL RECORD FDB
240	(F0)	BITSTRING	12	JVWRTFDB	ROOT SPOOL RECORD FDB
252	(FC)	ADDRESS	4	JVWRESQ	RESQUEUE ADDRESS FOR JOB
256	(100)	ADDRESS	4	JVWJQEX	JQEX address for job
260	(104)	ADDRESS	4	JVWRCEAD	ADDRESS OF THE RQ CHAINED SINGLE RECORD FILE EXTENSION (RCE) 2#19634TKD
264	(108)	ADDRESS	4	JVWJDSFR	First JDS buffer address 19634TKD
268	(10C)	SIGNED	2	JVWJDSCT	NUMBER OF JDS BUFFERS FOR THE JOB
270	(10E)	SIGNED	2	JVWDSTCT	Number of JDS entries with data set TATs in this JDS buffer

Table 421. Structure JVWSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
272	(110)	SIGNED	2	JVWDOICT	Number of JDS entries with 09611S2A DOIs to be read in this 09611S2A JDS buffer 09611S2A
274	(112)	SIGNED	2	JVWSECNT	Counter for number of SE'S 19634TKM
276	(114)	ADDRESS	4	JVWTATFR	Address of first TAT buffer being processed in the current IATXVTAT request
280	(118)	ADDRESS	4	JVWTATLS	Address of last TAT buffer being processed in the current IATXVTAT request
JVWRSTFL --- JOB RESTART FLAGS (SAME AS JQERSTFL)					
284	(11C)	BITSTRING	1	JVWRSTFL	JOB RESTART FLAG (SAME AS JQERSTFL)
		1...		JVWPCRST	"X'80'" PROCLIB RESTART REQUIRED
		.1..		JVWOSEBY	"X'40'" BYPASS OSE BUILD
		..1.		JVWSOMAR	"X'20'" JOB HAS A SPINOFF DATA SET ON MAIN. PUT JOB ON BOTH MAIN AND OUTSERV QUEUES
JVWSTA1 --- JOB VALIDATION/RESTART STATUS INDICATORS BYTE 1					
285	(11D)	BITSTRING	1	JVWSTA1	
		1...		JVWCBERR	"X'80'" SPOOL RECORD ERROR DETECTED
		.1..		JVWVFAIL	"X'40'" ABEND DURING JOB VALIDATION
		..1.		JVWPREVD	"X'20'" JCT DELETE PREVIOUSLY FLAGGED
		...1		JVWREPSP	"X'10'" JOB HAS DATA ON A REPLACED SPOOL DATA SET
		.... 1...		JVWDELSP	"X'08'" JOB HAS DATA ON A DELETED SPOOL DATA SET
		.... .1..		JVWSPERR	"X'04'" SPOOL SPACE REALLOCATION INCOMPLETE
		.... ..1.		JVWDUPTK	"X'02'" DUPLICATE TRACKS DETECTED
		1		JVWDSPAB	"X'01'" ACTIVE DSP TERMINATED BY FAILSOFT
285	(11D)	X'FF'	0	JVWST1ER	"JVWPREVD+JVWVFAIL+JVWDELSP+JVWREPSP+ JVWCBER R+JVWSPERR+JV"
JVWSTA2 --- JOB VALIDATION/RESTART STATUS INDICATORS BYTE 2					
286	(11E)	BITSTRING	1	JVWSTA2	
		1...		JVWUNVSP	"X'80'" JOB HAS DATA ON AN UNAVAIL. SPOOL DATA SET
		.1..		JVWHLDSP	"X'40'" DATA ON HELD SPOOL DATA SET
		..1.		JVWUNJBT	"X'20'" JOBTAT OR JDS WAS UNAVAILABLE OR INVALID
		...1		JVWACTMN	"X'10'" JOB IS ACTIVE ON MAIN
		.... 1...		JVWACTCI	"X'08'" JOB IS ACTIVE IN A C/I FSS
		.... .1..		JVWSNPDN	"X'04'" SNAP OF JOB DATA COMPLETED
		.... ..1.		JVWACPRG	"X'02'" JOB WAS ACTIVE IN PURGE
		1		JVWJCTER	"X'01'" SEVERE JCT ERROR --- DO NOT USE
286	(11E)	X'2'	0	JVWST2ER	"JVWACPRG" JVWSTA2 ERROR CONDITIONS CHECKED BY IATINJR

Table 421. Structure JVWSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
JVWSTA3 --- JOB VALIDATION/RESTART STATUS INDICATORS BYTE 3					
287	(11F)	BITSTRING	1	JVWSTA3	
		1...		JVWISDRV	"X'80'" JDAB HAS AN EXTRA SE (ISDRVR)
		.1..		JVWDUPOT	"X'40'" DUPLICATE TRACKS POTENTIAL
		..1.		JVWDUPID	"X'20'" DUPLICATE SRV ENTRY FOUND
		...1		JVWMSGNA	"X'10'" DIAGNOSTIC MESSAGES LOST DUE TO A VIRTUAL STORAGE SHORTAGE
		.... 1...		JVWJCTUP	"X'08'" JCT FOR THE JOB HAS BEEN MODIFIED
		.... .1..		JVWJCTIE	"X'04'" JCT READ ERROR - DO NOT USE
		.... ..1.		JVWJCTVE	"X'02'" JCT INITIAL VALIDATION FAILED
		1		JVWJCTNU	"X'01'" JCT RECORD HAS NEVER BEEN USED
287	(11F)	X'6'	0	JVWST3ER	"JVWJCTIE+JVWJCTVE" JVWSTA3 ERROR CONDITIONS CHECKED BY IATINJR
JVWSTA4 --- JOB VALIDATION/RESTART STATUS INDICATORS BYTE 4					
288	(120)	BITSTRING	1	JVWSTA4	
		1...		JVWREADQ	"X'80'" JVW IS ON THE JCT READ QUEUE
		.1..		JVWREADA	"X'40'" JCT INPUT IN PROGRESS
		..1.		JVWWAITQ	"X'20'" JVW IS ON THE FCT WAIT QUEUE
		...1		JVWACTIV	"X'10'" JOB VALIDATION IN PROGRESS
		.... 1...		JVWTERMQ	"X'08'" JVW IS ON THE TERMINATION QUEUE
		.... .1..		JVWTERMA	"X'04'" JVW TERMINATION IN PROGRESS
		.... ..1.		JVWSNAPQ	"X'02'" JVW IS ON THE SNAP QUEUE
		1		JVWSNAPA	"X'01'" JVW SNAP IS IN PROGRESS
JVWSTA5 --- JOB VALIDATION/RESTART STATUS INDICATORS BYTE 5					
289	(121)	BITSTRING	1	JVWSTA5	
		1...		JVWBADNO	"X'80'" JCT HAS AN INVALID JOB NUMBER
		.1..		JVWJDBUP	"X'40'" JOB'S JDAB HAS BEEN MODIFIED
		..1.		JVWJMRUP	"X'20'" JOB'S JMR HAS BEEN MODIFIED
		...1		JVWJDSUP	"X'10'" JDS ENTRY HAS BEEN MODIFIED
		.... 1...		JVWOSERR	"X'08'" OUTPUT SERVICE JOB VALIDATION ERROR
		.... .1..		JVWIRAUP	"X'04'" USE COUNT IN IRA HAS BEEN UPDATED
		.... ..1.		JVWJQEAE	"X'02'" JQE ALLOCATION ERROR
		1		JVWOPJCL	"X'01'" JDS ENTRY HAS OUTPUT JCL REFERENCES
289	(121)	X'8A'	0	JVWST5ER	"JVWBADNO+JVWOSERR+JVWJQEAE" JVWSTA5 ERROR CONDITIONS CHECKED BY IATINJR
JVWSTA6 --- JOB VALIDATION/RESTART STATUS INDICATORS BYTE 6					
290	(122)	BITSTRING	1	JVWSTA6	
		1...		JVWJCTWE	"X'80'" JCT WRITE ERROR
		.1..		JVWDANAL	"X'40'" JOB DELETED THRU ANALYSIS

Table 421. Structure JVWSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		JVWMNTAT	"X'20'" JOB OBTAINS SPOOL SPACE SINGLE TRACK TABLE (STT)
		...1		JVWOSESO	"X'10'" OSE SCHEDULED OR DATA SET PROCESSED
		.... 1...		JVWRETER	"X'08'" JOB RETENTION ERROR IN IATINJR
		.... .1..		JVWDELET	"X'04'" JOB MARKED DELETE ONLY BY IATINJR
		.... ..1.		JVWACTLC	"X'02'" JOB IS ACTIVE IN LOCATE
290	(122)	X'C0'	0	JVWST6ER	"JVWJCTWE+JVWDANAL" JVWSTA6 ERROR CONDITIONS CHECKED BY IATINJR
		1		JVWBYSTT	"X'01'" BYPASS IATXVFDB STT CHECK
JVWSTA7 --- DSP VALIDATION/RESTART MODULES STATUS INDICATORS JVWSTA7 cannot be used to contain flags for job validation errors because IATJVDR clears JVWSTA7 after a job validation module gets control.					
291	(123)	BITSTRING	1	JVWSTA7	
		1...		JVWVRR	"X'80'" DSP VALIDATION/RESTART RECURSION FLAG
		.1..		JVWXGRQ	"X'40'" RQ BUILT BY DSP VALIDATION / RESTART
		..1.		JVWUSECT	"X'20'" DSP USE COUNT UPDATED BY VALIDATION/RESTART
		...1		JVWSIJER	"X'10'" A severe error occurred in initial job spool validation processing (in DMJVIJOB)
JVWSTA8 --- JOB VALIDATION/RESTART STATUS INDICATORS BYTE 8					
292	(124)	BITSTRING	1	JVWSTA8	
		1...		JVWSPIN	"X'80'" JDS entry has unprocessed Spinoff output
		.1..		JVWFNCIN	"X'40'" The job is using a function from a higher release of JES3 that is incompatible with this release
		..1.		JVWNJCTX	"X'20'" JCTEXVAL is ON but no FDB 20091TKC exists for the JCTX 20091TKA
		...1		JVWS8X10	"X'10'" Reserved
		.... 1...		JVWS8X08	"X'08'" Reserved
		.... .1..		JVWS8X04	"X'04'" Reserved
		.... ..1.		JVWS8X02	"X'02'" Reserved
		1		JVWS8X01	"X'01'" Reserved
292	(124)	X'60'	0	JVWST8ER	"JVWFNCIN+JVWNJCTX" JVWSTA8 error conditions 20091TKC checked by IATINJR
JVWFUNC --- JOB VALIDATION/RESTART CURRENT FUNCTION					
293	(125)	BITSTRING	1	JVWFUNC	
293	(125)	X'1'	0	JVWFJCT	"1" JCT fixed segment validation
293	(125)	X'2'	0	JVWFJCTE	"JVWFJCT+1" JCT S.E. entry validation
293	(125)	X'3'	0	JVWFJSTA	"JVWFJCTE+1" JCT status
293	(125)	X'4'	0	JVWFIJOB	"JVWFJSTA+1" Initial job spool space validation (IATDMJV)

Table 421. Structure JVWSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
293	(125)	X'5'	0	JVWFCBIO	"JVWFIJOB+1" Initiate control block I/O processing
293	(125)	X'6'	0	JVWFVJOB	"JVWFCBIO+1" Spool space validation (IATDMJV)
293	(125)	X'7'	0	JVWFJDA	"JVWFVJOB+1" JDAB fixed segment validation
293	(125)	X'8'	0	JVWFJDAE	"JVWFJDA+1" JDAB S.E. entry validation
293	(125)	X'9'	0	JVWFJMR	"JVWFJDAE+1" JMR validation
293	(125)	X'A'	0	JVWFDSP	"JVWFJMR+1" JCT/JDAB S.E. DSP processing
293	(125)	X'B'	0	JVWFDSPV	"JVWFDSP+1" DSP job validation module
293	(125)	X'C'	0	JVWFVEND	"JVWFDSPV+1" Job validation cleanup
293	(125)	X'D'	0	JVWFVICL	"JVWFVEND+1" IATXVIO CLEANUP processing
293	(125)	X'E'	0	JVWFDONE	"JVWFVICL+1" Job validation complete
293	(125)	X'F'	0	JVWSYSL	"JVWFDONE+1" SYSLOG processing
293	(125)	X'10'	0	JVWFJCTX	"JVWSYSL+1" JCTX validation
293	(125)	X'10'	0	JVWFRTMX	"JVWFJCTX" The highest function for which retry processing will be performed during recovery processing
294	(126)	SIGNED	2	JVWRSVDU	RESERVED FOR USER
JVWVALPM --- DSP VALIDATION PARAMETER LIST. THESE FIELDS ARE SETUP PRIOR TO INVOKING A DSP VALIDATION MODULE (FOR A SPECIFIC JCT SE ENTRY).					
296	(128)	SIGNED	4	JVWVALPM(0)	START OF PARAMETERS
296	(128)	ADDRESS	4	JVWACTSE	ADDR OF ACTIVE JCT SE ENTRY
300	(12C)	ADDRESS	4	JVWACTDE	ADDR OF ACTIVE DSP DICT. ENTRY
304	(130)	ADDRESS	4	JVWJCTSE	ADDR OF JCT SE ENTRY FOR THIS DSP
308	(134)	ADDRESS	4	JVWJDASE	ADDR OF JDAB SE ENTRY FOR THIS DSP. ZERO IF THE JDAB IS NOT AVAILABLE
312	(138)	ADDRESS	4	JVWDSPAD	ADDR OF DSP DICTIONARY ENTRY
316	(13C)	CHARACTER	8	JVWDSPNM	DSP DICTIONARY NAME
324	(144)	SIGNED	4	JVWDOCNT	Count of JDS entries using 09611S2C dynamic output that need 09611S2C OSEs built 09611S2A
328	(148)	ADDRESS	4	JVWSBLDE	IATYSYSL build entry
332	(14C)	BITSTRING	1	JVWJDSSQ	JDS entry sequence number 12190S5A
333	(14D)	BITSTRING	3	JVWRSVS2	Reserved for IBM 12190S5A
336	(150)	SIGNED	4	JVWRSVS1(4)	Reserved for IBM 12190S5C
352	(160)	SIGNED	4	JVWRSVU1(2)	RESERVED FOR USER
FILE DESCRIPTION BLOCKS USED DURING JOB VALIDATION IATYFDB TYPE=JBT WORK JBT FDB					
360	(168)	SIGNED	4	(0)	FULLWORD ALIGNMENT
360	(168)	BITSTRING	28	JVWWKJBT(0)	START OF FDB BASIC SECTION
360	(168)	BITSTRING	6		FDBSPMOD/REC - SPOOL RECORD ADDRESS
366	(16E)	BITSTRING	3		FDBFLAG0/FDBFLAGS/FDBSPFL1
369	(171)	BITSTRING	3		RESERVED START OF JBT FDB EXTENSION
372	(174)	SIGNED	2		FDBRECCT - AVAIL RECORD COUNT

Table 421. Structure JVWSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
374	(176)	BITSTRING	6		FDBJTSPA - AVAIL RECORD ADDRESS
380	(17C)	BITSTRING	4		FDBVALID - FILE VALIDATION TOKEN
384	(180)	SIGNED	2		FDBSPNDX - PARTITION INDEX
386	(182)	BITSTRING	2		FDBJTFLG/RESERVED
	IATYFDB TYPE=JBT CURRENT JBT FDB				
388	(184)	SIGNED	4	(0)	FULLWORD ALIGNMENT
388	(184)	BITSTRING	28	JVWCUJBT(0)	START OF FDB BASIC SECTION
388	(184)	BITSTRING	6		FDBSPMOD/REC - SPOOL RECORD ADDRESS
394	(18A)	BITSTRING	3		FDBFLAG0/FDBFLAGS/FDBSPFL1
397	(18D)	BITSTRING	3		RESERVED START OF JBT FDB EXTENSION
400	(190)	SIGNED	2		FDBRECCT - AVAIL RECORD COUNT
402	(192)	BITSTRING	6		FDBJTSPA - AVAIL RECORD ADDRESS
408	(198)	BITSTRING	4		FDBVALID - FILE VALIDATION TOKEN
412	(19C)	SIGNED	2		FDBSPNDX - PARTITION INDEX
414	(19E)	BITSTRING	2		FDBJTFLG/RESERVED
	IATYFDB TYPE=SRF WORK SRF FDB				
416	(1A0)	SIGNED	4	(0)	FULLWORD ALIGNMENT
416	(1A0)	BITSTRING	12	JVWWKFDB(0)	START OF FDB BASIC SECTION
416	(1A0)	BITSTRING	6		FDBSPMOD/REC - SPOOL RECORD ADDRESS
422	(1A6)	BITSTRING	3		FDBFLAG0/FDBFLAGS/FDBSPFL1
425	(1A9)	BITSTRING	3		RESERVED
	IATYFDB TYPE=SRF WORK SRF FDB (SAVE OF CHAIN FDB)				
428	(1AC)	SIGNED	4	(0)	FULLWORD ALIGNMENT
428	(1AC)	BITSTRING	12	JVWCHFDB(0)	START OF FDB BASIC SECTION
428	(1AC)	BITSTRING	6		FDBSPMOD/REC - SPOOL RECORD ADDRESS
434	(1B2)	BITSTRING	3		FDBFLAG0/FDBFLAGS/FDBSPFL1
437	(1B5)	BITSTRING	3		RESERVED
	IATYFDB TYPE=SRF WORK SRF FDB RESERVED FOR USER				
440	(1B8)	SIGNED	4	(0)	FULLWORD ALIGNMENT
440	(1B8)	BITSTRING	12	JVWWKUSR(0)	START OF FDB BASIC SECTION
440	(1B8)	BITSTRING	6		FDBSPMOD/REC - SPOOL RECORD ADDRESS
446	(1BE)	BITSTRING	3		FDBFLAG0/FDBFLAGS/FDBSPFL1
449	(1C1)	BITSTRING	3		RESERVED
	IATYFDB TYPE=SRF CHAIN SRF FDB RESERVED FOR USER				
452	(1C4)	SIGNED	4	(0)	FULLWORD ALIGNMENT
452	(1C4)	BITSTRING	12	JVWCHUSR(0)	START OF FDB BASIC SECTION
452	(1C4)	BITSTRING	6		FDBSPMOD/REC - SPOOL RECORD ADDRESS
458	(1CA)	BITSTRING	3		FDBFLAG0/FDBFLAGS/FDBSPFL1
461	(1CD)	BITSTRING	3		RESERVED

Table 421. Structure JVWSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
IATYFDB TYPE=SRF Work SRF FDB #2 09611S2A					
464	(1D0)	SIGNED	4	(0)	FULLWORD ALIGNMENT
464	(1D0)	BITSTRING	12	JVWWKFD2(0)	START OF FDB BASIC SECTION
464	(1D0)	BITSTRING	6		FDBSPMOD/REC - SPOOL RECORD ADDRESS
470	(1D6)	BITSTRING	3		FDBFLAG0/FDBFLAGS/FDBSPFL1
473	(1D9)	BITSTRING	3		RESERVED
---------- 09611S2A					
476	(1DC)	SIGNED	2	JVWREPEX(8)	EXTENT INDEX LIST FOR REPLACED EXTENTS
492	(1EC)	SIGNED	2	JVWDELEX(8)	EXTENT INDEX LIST FOR DELETED EXTENTS
508	(1FC)	SIGNED	2	JVWHLDEX(8)	EXTENT INDEX LIST FOR HELD EXTENTS
524	(20C)	SIGNED	2	JVWUNVEX(8)	EXTENT INDEX LIST FOR UNAVAILABLE EXTENTS
540	(21C)	BITSTRING	8	JVWSTCKL	Low SYSLOG time stamp 14176T1A
548	(224)	BITSTRING	8	JVWSTCKH	High SYSLOG time stamp 14176T1A
556	(22C)	BITSTRING	6	JVWSYSPA	SYSLOG data set spool addr 14176T1A
562	(232)	SIGNED	2	JVWRMLFT	Room left in SYSLOG buffer 14176T1A
564	(234)	SIGNED	4	JVWRSVS4(3)	Reserved for IBM 14176T1A
JVWVFDB --- IATXVFDB, IATXVSRV, AND IATXVTAT PARM LIST IATXVFDB MF=L $S2= SDSB HJS7750 071018 PD0TN: z 1.10.0 09611S2A					
576	(240)	ADDRESS	4	JVWVFDB	FDB ADDRESS
580	(244)	ADDRESS	4		ADDRESS OF ROOT M.R
584	(248)	ADDRESS	4		DESCRIPTION ADDRESS
588	(24C)	CHARACTER	4		SPOOL RECORD ID
588	(24C)	X'10'	0	JVWVFDBL	"*-JVWVFDB" LENGTH OF JVWVFDB
---------- 09611S2A JVWDOTPM - IATXDOT parameter list 09611S2A ---------- 09611S2A $TK= J3SCALE HJS77A0 130529 PD0PK: z 2.2.0 $TK= J3SCALE HJS77A0 130827 PD0PK: z 2.2.0 19228TKA $TK= J3SCALE HJS77A0 140411 RD0DJ: z 2.2.0 19572TKA IATXDOT MF=L IATXDOT parameter list					
592	(250)	DBL WORD	8	JVWDOTPM(0)	Start of IATXDOT parm list 19228TKC
592	(250)	BITSTRING	1		DOTPFUNC - Function code
593	(251)	BITSTRING	1		Reserved for IBM
594	(252)	SIGNED	2		DOTPBUFN - JDS buffer num
596	(254)	ADDRESS	4		DOTPRCEA - RCE address 19572TKM
600	(258)	ADDRESS	4		DOTPRSQA - RQ or JCT addr 19572TKM
604	(25C)	ADDRESS	4		DOTPDOIA - DOI address 19572TKM
608	(260)	ADDRESS	8		DOTPPREV - Prev DOT address 19228TKA
616	(268)	ADDRESS	4		DOTPJDSA - JDS entry addr
616	(268)	X'1C'	0	JVWDOTPL	"*-JVWDOTPM" Length of parameter list 09611S2A
JVWJOUT --- IWASPOUT PARAMETER LIST CONSTRUCTION AREA.					

Table 421. Structure JVWSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
620	(26C)	SIGNED	2	JVWJOUT(2)	QSAM BDW
624	(270)	SIGNED	2	JVWJOUTD(2)	QSAM RDW
628	(274)	CHARACTER	1	JVWJOUTC	CARRIAGE CONTROL CHARACTER
629	(275)	CHARACTER	120	JVWJOUTT	MESSAGE TEXT AREA
629	(275)	X'81'	0	JVWJOUTL	"*-JVWJOUT" LENGTH OF IWASPOUT BUILD AREA

```
JVWWTO --- WTO PARAMETER LIST CONSTRUCTION AREA.
       WTO MF=L
```

752	(2F0)	SIGNED	4	JVWWTO(0)	
752	(2F0)	ADDRESS	2		TEXT LENGTH
754	(2F2)	BITSTRING	2		MCSFLAGS
756	(2F4)	CHARACTER	53		
772	(304)	X'7C'	0	JVWWTOL	"*-JVWWTO" LENGTH OF WTO PARM LIST

```
JVWCSS IS THE CSS WORK AREA
```

876	(36C)	BITSTRING	1	JVWCSS	CSS PASSED TO IATDMCS

```
JVWGRAS --- GRAS_Parameter_List Construction area.
```

980	(3D4)	SIGNED	4	(0)	
980	(3D4)	BITSTRING	1	JVWGRAS	
980	(3D4)	X'3F8'	0	JVWFEND	"*" END OF JOB RELATED DATA
980	(3D4)	X'3C8'	0	JVWJOBDL	"JVWFEND-JVWJOBDT" LENGTH OF JOB RELATED DATA
980	(3D4)	X'3F8'	0	JVWFSIZE	"JVWFEND-JVWSTART" LENGTH OF JVW FIXED AREA

```
------------------------------------------------------------- 19634TKC
 JVWSRVCT 19634TKC
                                                              19634TKC
   This equate is set to the count of SRV entries that we 19634TKC
   will include in the JVW. This number, 61, is based on 19634TKC
   a calculation made pre-V2R2 when the JVW was fixed at 4K 19634TKC
   and the SRV entries were sandwiched between the JDS Spool 19634TKA
   Address Work Area and a copy of the JCT. The number of 19634TKA
   SRV entries depended on the sizes of the work area and 19634TKA
   the JCT. With the addition of the JCTX in V2R2, we busted 19634TKA
   out of the 4K limit. We decided to extend beyond 4K 19634TKA
   rather than reduce the count of SRV entries. The count 19634TKA
   was considered inviolable. As such, it became more 19634TKA
   convenient to simply establish a constant to hold the 19634TKA
   count of SRV entries. 19634TKA
------------------------------------------------------------- 19634TKA
```

980	(3D4)	X'3D'	0	JVWSRVCT	"61" Max count of SRV Entries 19634TKA

```
------------------------------------------------------------- 19634TKA
 JVW VARIABLE SECTION -- This area follows the fixed section 19634TKA
                         and contains the JDS Spool Address 19634TKA
                         Area, the Spool Record Descriptor 19634TKA
                         Table (SRV), the JCT and JCTX 19634TKA
------------------------------------------------------------- 19634TKA
```

Table 422. Cross Reference for IATYJVW

Name	Offset	Hex	Tag
JVWACPRG	11E		2
JVWACTCI	11E		8

Table 422. Cross Reference for IATYJVW (continued)

Name	Offset	Hex Tag
JVWACTDE	12C	
JVWACTIV	120	10
JVWACTLC	122	2
JVWACTMN	11E	10
JVWACTSE	128	
JVWBADNO	121	80
JVWBYSTT	122	1
JVWCBERR	11D	80
JVWCHFDB	1AC	
JVWCHUSR	1C4	
JVWCONVD	28	
JVWCSS	36C	0
JVWCUJBT	184	
JVWDANAL	122	40
JVWDELET	122	4
JVWDELEX	1EC	
JVWDELSP	11D	8
JVWDJFDB	E4	
JVWDOCNT	144	
JVWDOICT	110	
JVWDOTPL	268	1C
JVWDOTPM	250	
JVWDSPAB	11D	1
JVWDSPAD	138	
JVWDSPNM	13C	
JVWDSTCT	10E	
JVWDUPID	11F	20
JVWDUPOT	11F	40
JVWDUPTK	11D	2
JVWFCBIO	125	5
JVWFDONE	125	E
JVWFDSP	125	A
JVWFDSPV	125	B
JVWFEND	3D4	3F8
JVWFIJOB	125	4
JVWFJCT	125	1
JVWFJCTE	125	2
JVWFJCTX	125	10
JVWFJDA	125	7
JVWFJDAE	125	8
JVWFJMR	125	9
JVWFJSTA	125	3
JVWFNCIN	124	40
JVWFRTMX	125	10
JVWFSIZE	3D4	3F8
JVWFSSID	50	

Table 422. Cross Reference for IATYJVW (continued)

Name	Offset	Hex Tag
JVWFUNC	125	
JVWFVEND	125	C
JVWFVICL	125	D
JVWFVJOB	125	6
JVWGRAS	3D4	0
JVWHLDEX	1FC	
JVWHLDSP	11E	40
JVWID	0	
JVWIRAUP	121	4
JVWISDRV	11F	80
JVWJCFDB	58	
JVWJCT	14	
JVWJCTER	11E	1
JVWJCTIE	11F	4
JVWJCTNU	11F	1
JVWJCTPF	78	
JVWJCTSE	130	
JVWJCTSZ	1A	
JVWJCTUP	11F	8
JVWJCTVE	11F	2
JVWJCTWE	122	80
JVWJCTXA	64	
JVWJCXFD	68	
JVWJCXPF	94	
JVWJCXTK	74	
JVWJDAB	BC	
JVWJDASE	134	
JVWJDATK	C0	
JVWJDBUP	121	40
JVWJDFDB	B0	
JVWJDSCT	10C	
JVWJDSFR	108	
JVWJDSSQ	14C	
JVWJDSTB	C	
JVWJDSUP	121	10
JVWJDTSZ	18	
JVWJMFDB	C4	
JVWJMR	D0	
JVWJMRTK	D4	
JVWJMRUP	121	20
JVWJOBDL	3D4	3C8
JVWJOBDT	30	
JVWJOBID	38	
JVWJOBNM	30	
JVWJOUT	26C	
JVWJOUTC	274	

Table 422. Cross Reference for IATYJVW (continued)

Name	Offset	Hex Tag
JVWJOUTD	270	
JVWJOUTL	275	81
JVWJOUTT	275	
JVWJQEAE	121	2
JVWJQEX	100	
JVWJSFDB	D8	
JVWJVDAD	4	
JVWMNTAT	122	20
JVWMSGNA	11F	10
JVWMSGQ	40	
JVWMSGQE	44	
JVWNEXT	8	
JVWNJCTX	124	20
JVWOPJCL	121	1
JVWOSEBY	11C	40
JVWOSERR	121	8
JVWOSESO	122	10
JVWPCRST	11C	80
JVWPREVD	11D	20
JVWRCEAD	104	
JVWREADA	120	40
JVWREADQ	120	80
JVWREPEX	1DC	
JVWREPSP	11D	10
JVWRESQ	FC	
JVWRETER	122	8
JVWRMLFT	232	0
JVWRSTFL	11C	
JVWRSVDU	126	
JVWRSVS1	150	
JVWRSVS2	14D	
JVWRSVS4	234	
JVWRSVU1	160	
JVWRTFDB	F0	
JVWSBLDE	148	
JVWSECNT	112	
JVWSIJER	123	10
JVWSNAPA	120	1
JVWSNAPQ	120	2
JVWSNPDN	11E	4
JVWSOMAR	11C	20
JVWSPERR	11D	4
JVWSPIN	124	80
JVWSRVAD	10	
JVWSRVCT	3D4	3D
JVWSTART	0	

Table 422. Cross Reference for IATYJVW (continued)

Name	Offset	Hex Tag
JVWSTA1	11D	
JVWSTA2	11E	
JVWSTA3	11F	
JVWSTA4	120	
JVWSTA5	121	
JVWSTA6	122	
JVWSTA7	123	
JVWSTA8	124	
JVWSTCKH	224	0
JVWSTCKL	21C	0
JVWST1ER	11D	FF
JVWST2ER	11E	2
JVWST3ER	11F	6
JVWST5ER	121	8A
JVWST6ER	122	C0
JVWST8ER	124	60
JVWSYSL	125	F
JVWSYSPA	22C	
JVWSYSTM	48	
JVWS8X01	124	1
JVWS8X02	124	2
JVWS8X04	124	4
JVWS8X08	124	8
JVWS8X10	124	10
JVWTATFR	114	
JVWTATLS	118	
JVWTERMA	120	4
JVWTERMQ	120	8
JVWUNJBT	11E	20
JVWUNVEX	20C	
JVWUNVSP	11E	80
JVWUSECT	123	20
JVWVALPM	128	
JVWVFAIL	11D	40
JVWVFDB	240	
JVWVFDBL	24C	10
JVWVRR	123	80
JVWWAITQ	120	20
JVWWKFDB	1A0	
JVWWKFD2	1D0	
JVWWKJBT	168	
JVWWKUSR	1B8	
JVWWORK	1C	
JVWWORKD	20	
JVWWTO	2F0	
JVWWTOL	304	7C

Table 422. Cross Reference for IATYJVW (continued)

Name	Offset	Hex Tag
JVWXGRQ	123	40
SRFCHN	C	0
SRFCNT	6	0
SRFDATA	1C	
SRFID	8	E2D9C640
SRFSTART	0	
SRFTRK	0	0
SRFVLID	18	0

IATYLCA information

IATYLCA heading information

Common name: Locate Communication Area

Macro ID: IATYLCA

DSECT name: LCASTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: LCA
Offset: 4
Length: 4

Storage attributes: Main Storage: SUBPOOL 0
Auxiliary Storage: STAGING AREA

Size: LCAHSIZE - Size of LCA Header
LCALCRSZ - Size of Locate Request LCA
LCAJCNSZ - Size of Job Cancel LCA
LCAJCCSZ - Size of Job Cancel Complete LCA

Created by: IATLVIN

Pointed to by: LDALRLCA IN IATYLDA
LDACNLCA IN IATYLDA
LDACCLCA IN IATYLDA

Serialization: NONE

Function: Provides mapping for the data area used to communicate between the global locate FCT and local locate FCT.

IATYLCA mapping

Table 423. Structure LCASTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	LCASTART	, Locate Communication Area
0	(0)	SIGNED	2	LCASIZE	Size of LCA (Must be first half word for staging area routines)
2	(2)	SIGNED	2	LCAHRSDA	Reserved for Development
4	(4)	CHARACTER	4	LCAID	Control Block ID
8	(8)	ADDRESS	4	LCANEXT	Address of Next LCA on chain
12	(C)	BITSTRING	1	LCAVERSN	Version Number
	Definition of LCAVERSN				
12	(C)	X'1'	0	LCASP312	"1" LCA is at SP312 level 0398
12	(C)	X'1'	0	LCACURVN	"LCASP312" Current LCA version number 0249

Table 423. Structure LCASTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
13	(D)	BITSTRING	1	LCATYPE	Type of Communication
	Definition of LCATYPE				
13	(D)	X'1'	0	LCALOCRQ	"1" Locate Request (Global to Local)
13	(D)	X'2'	0	LCALCRSP	"2" Locate Response (Local to Global)
13	(D)	X'3'	0	LCACANCL	"3" Job Cancel Request (Global to Local)
13	(D)	X'4'	0	LCACNCMP	"4" Job Cancel Request Complete (Local to Global)
14	(E)	BITSTRING	1	LCAHFLG1	LCA Header Flag One
	Definition of LCAHFLG1				
		1...		LCARABND	"X'80'" Locate Request LCA caused a DM111 abend
		.1..		LCARH140	"X'40'" Reserved Flag
		..1.		LCARH120	"X'20'" Reserved Flag
		...1		LCARH110	"X'10'" Reserved Flag
		.... 1...		LCARH108	"X'08'" Reserved Flag
		.... .1..		LCARH104	"X'04'" Reserved Flag
		.... ..1.		LCARH102	"X'02'" Reserved Flag
		1		LCARH101	"X'01'" Reserved Flag
15	(F)	BITSTRING	1	LCAHRSDB	Reserved for Development
16	(10)	SIGNED	4	LCAHRSVD(2)	Reserved for Development
24	(18)	SIGNED	4	LCAHRSVS(2)	Reserved for Service
32	(20)	SIGNED	4	LCAHRSVU(2)	Reserved for User
40	(28)	SIGNED	4	LCAHEND(0)	End of LCA Header
40	(28)	X'28'	0	LCAHSIZE	"LCAHEND-LCASTART" Size of LCA Header
	Locate Communication Area Data Follows Format of Locate Request LCA				
40	(28)	SIGNED	4	LCALCRST(0)	Locate Request LCA
40	(28)	SIGNED	4	LCARJBNO	Binary Job Number
44	(2C)	BITSTRING	6	LCALVSSP	LVS Spool Address
50	(32)	BITSTRING	6	LCASCHFS	SMS Scheduling Information Dataset First Spool Address
56	(38)	BITSTRING	6	LCASCHLS	SMS Scheduling Information Dataset Last Spool Address
62	(3E)	BITSTRING	6	LCAJOBFS	SMS Job Information Dataset First Spool Address
68	(44)	BITSTRING	112	LCARAB	Record Allocation Block (RAB)
180	(B4)	SIGNED	4	LCALCREN(0)	End of Locate Request LCA
180	(B4)	X'B4'	0	LCALCRSZ	"LCALCREN-LCASTART" Size of Locate Request LCA
	Format of Locate Response LCA				
	Locate Response (LRS) Data is variable size and mapped by macro IATYLRS. Format of Job Cancel LCA				

Table 423. Structure LCASTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
40	(28)	SIGNED	4	LCAJCNST(0)	Job Cancel LCA
40	(28)	SIGNED	4	LCAJJBNO	Binary Job Number
44	(2C)	SIGNED	4	LCAJCNEN(0)	End of Job Cancel LCA
44	(2C)	X'2C'	0	LCAJCNSZ	"LCAJCNEN-LCASTART" Size of Job Cancel LCA
		Format of Job Cancel Complete LCA			
40	(28)	SIGNED	4	LCAJCCST(0)	Job Cancel Complete LCA
40	(28)	SIGNED	4	LCACJBNO	Binary Job Number
44	(2C)	SIGNED	4	LCAJCCEN(0)	End of Job Cancel Complete LCA
44	(2C)	X'2C'	0	LCAJCCSZ	"LCAJCCEN-LCASTART" Size of Job Cancel Complete LCA

Table 424. Cross Reference for IATYLCA

Name	Offset	Hex Tag
LCACANCL	D	3
LCACJBNO	28	0
LCACNCMP	D	4
LCACURVN	C	1
LCAHEND	28	
LCAHFLG1	E	0
LCAHRSDA	2	0
LCAHRSDB	F	0
LCAHRSVD	10	0
LCAHRSVS	18	0
LCAHRSVU	20	0
LCAHSIZE	28	28
LCAID	4	D3C3C140
LCAJCCEN	2C	
LCAJCCST	28	
LCAJCCSZ	2C	2C
LCAJCNEN	2C	
LCAJCNST	28	
LCAJCNSZ	2C	2C
LCAJJBNO	28	0
LCAJOBFS	3E	0
LCALCREN	B4	
LCALCRSP	D	2
LCALCRST	28	
LCALCRSZ	B4	B4
LCALOCRQ	D	1
LCALVSSP	2C	0
LCANEXT	8	
LCARAB	44	0
LCARABND	E	80
LCARH101	E	1

Table 424. Cross Reference for IATYLCA (continued)

Name	Offset	Hex Tag
LCARH102	E	2
LCARH104	E	4
LCARH108	E	8
LCARH110	E	10
LCARH120	E	20
LCARH140	E	40
LCARJBNO	28	0
LCASCHFS	32	0
LCASCHLS	38	0
LCASIZE	0	0
LCASP312	C	1
LCASTART	0	
LCATYPE	D	0
LCAVERSN	C	0

IATYLCP information

IATYLCP heading information

Common name: Locate Checkpoint Area

Macro ID: IATYLCP

DSECT name: LCPMSTRT, LCPJSTRT

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Main Storage: N/A
Auxiliary Storage: JSAM BUFFER JES3 SPOOL

Size: LCPHSIZE - Size of LCP Header
LCPMSIZE - Size of LCP Main Proc. Entry
LCPJSIZE - Size of LCP Job Entry

Created by: IATINLC

Pointed to by: LDALCPFD IN IATYLDA
CKLCPFDB IN CHECKPOINT DATA AREA

Serialization: None

Function: Defines the checkpoint job information for jobs that have been sent to a local processor for locate processing.

IATYLCP mapping

Table 425. Structure LCPSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	LCPSTART	
0	(0)	BITSTRING	6	LCPTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	LCPCNT	USER COUNT.
8	(8)	CHARACTER	4	LCPID	File id.
12	(C)	BITSTRING	12	LCPCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	LCPVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	LCPDATA(0)	START OF USER DATA AREA.
28	(1C)	SIGNED	4	LCPHRSVD(2)	Reserved for Development

Table 425. Structure LCPSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
36	(24)	SIGNED	4	LCPHRSVS(2)	Reserved for Service
44	(2C)	SIGNED	4	LCPHEND(0)	End of LCP Header
44	(2C)	X'2C'	0	LCPHSIZE	"LCPHEND-LCPSTART" Size of LCP Header

Table 426. Structure LCPMSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	LCPMSTRT	, Locate Checkpoint Main Processor Entry
0	(0)	CHARACTER	8	LCPMPNAM	Main processor name
8	(8)	SIGNED	2	LCPMPNXT	Relative Offset (from the start of the LCP buffer) of the next LCP Main Processor Entry in this LCP Buffer
10	(A)	SIGNED	2	LCPJB1ST	Relative Offset (from the start of the LCP buffer) of the first allocated LCP Job Entry in this LCP Buffer
12	(C)	SIGNED	2	LCPFR1ST	Relative Offset (from the start of the LCP buffer) of the first free LCP Job Entry in this LCP buffer
14	(E)	SIGNED	2	LCPMRSVU	Reserved for user
16	(10)	SIGNED	4	LCPMRSVD(2)	Reserved for development
24	(18)	SIGNED	4	LCPMRSVS(2)	Reserved for service
32	(20)	SIGNED	4	LCPMEND(0)	End of LCP Main Proc. Entry
32	(20)	X'20'	0	LCPMSIZE	"LCPMEND-LCPMSTRT" Size of LCP Main Proc. Entry

Table 427. Structure LCPJSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	LCPJSTRT	, Locate Checkpoint Job Entry
0	(0)	SIGNED	4	LCPJOBNO	Binary Job Number
4	(4)	SIGNED	2	LCPJBNXT	Relative Offset (from the start of the LCP buffer) of the next LCP Job Entry in this LCP buffer
6	(6)	SIGNED	2	LCPJRSVU	Reserved for user
8	(8)	SIGNED	4	LCPJRSVD(2)	Reserved for Development
16	(10)	SIGNED	4	LCPJRSVS(2)	Reserved for Service
24	(18)	SIGNED	4	LCPJEND(0)	End of LCP Job Entry
24	(18)	X'18'	0	LCPJSIZE	"LCPJEND-LCPJSTRT" Size of LCP Job Entry

Table 428. Cross Reference for IATYLCP

Name	Offset	Hex Tag
LCPCHN	C	0
LCPCNT	6	0
LCPDATA	1C	
LCPFR1ST	C	0
LCPHEND	2C	
LCPHRSVD	1C	0
LCPHRSVS	24	0

Table 428. Cross Reference for IATYLCP (continued)

Name	Offset	Hex Tag
LCPHSIZE	2C	2C
LCPID	8	D3C3D740
LCPJBNXT	4	0
LCPJB1ST	A	0
LCPJEND	18	
LCPJOBNO	0	0
LCPJRSVD	8	0
LCPJRSVS	10	0
LCPJRSVU	6	0
LCPJSIZE	18	18
LCPJSTRT	0	
LCPMEND	20	
LCPMPNAM	0	40404040
LCPMPNXT	8	0
LCPMRSVD	10	0
LCPMRSVS	18	0
LCPMRSVU	E	0
LCPMSIZE	20	20
LCPMSTRT	0	
LCPSTART	0	
LCPTRK	0	0
LCPVLID	18	0

IATYLCR information

IATYLCR heading information

Common name: Locate Restart Record

Macro ID: IATYLCR

DSECT name: LCRSTART, LCRJSTRT

Owning component: JES3 (SC1BA)

Eye-catcher ID: LCR
Offset: 0
Length: 4

Storage attributes: Main Storage: SUBPOOL 241
Auxiliary Storage: N/A

Size: LCRHSIZE - Size of Locate Restart Record Header
LCRJSIZE - Size of Locate Restart Record Job Entry

Created by: IATLVIN - Locate FCT Driver,
IATMSDR - START,MAINNAME,FLUSH Processing

Pointed to by: LDALCR IN IATYLDA
LCRNEXT IN IATYLCR

Serialization: None

Function: The LCR contains information about jobs active in Locate on a local processor during Main Connect processing. For Main processor flush (*START,MAINNAME,FLUSH), the LCR is contains information about the main that was flushed.

IATYLCR mapping

Table 429. Structure LCRSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	LCRSTART	, Locate Restart Record Header
0	(0)	CHARACTER	4	LCRID	Control Block Id
4	(4)	SIGNED	2	LCRSIZE	Total size of LCR including the job entries
6	(6)	SIGNED	2	LCRJBCNT	Number of Locate Restart Record job entries
8	(8)	ADDRESS	4	LCRNEXT	Address of next Locate Restart Record
12	(C)	ADDRESS	4	LCRMPC	Address of Main Processor Control Table (in global processor only)
16	(10)	CHARACTER	8	LCRMAIN	Name of Main Processor being restarted
24	(18)	BITSTRING	1	LCRHFLG1	Locate Restart Record Flag One
	Definition of LCRHFLG1				
		1...		LCRMCONN	"X'80'" Main Connect LCR
		.1..		LCRMFLSH	"X'40'" Main Flush LCR
		..1.		LCRRFL20	"X'20'" Reserved Flag
		...1		LCRRFL10	"X'10'" Reserved Flag
		.... 1...		LCRRFL08	"X'08'" Reserved Flag
		.... .1..		LCRRFL04	"X'04'" Reserved Flag
		.... ..1.		LCRRFL02	"X'02'" Reserved Flag
		1		LCRRFL01	"X'01'" Reserved Flag
25	(19)	BITSTRING	3	LCRHRSVD	Reserved for Development
28	(1C)	SIGNED	4	LCRHEND(0)	End of Locate Restart Record Header
28	(1C)	X'1C'	0	LCRHSIZE	"LCRHEND-LCRSTART" Size of Locate Restart Record Header

Table 430. Structure LCRJSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	LCRJSTRT	, Locate Restart Record Job Entry
0	(0)	SIGNED	4	LCRJOBNO	Job number of job active in Locate processing
4	(4)	SIGNED	4	LCRJRSVD	Reserved for Development
8	(8)	SIGNED	4	LCRJEND(0)	End of Locate Restart Record Job entry
8	(8)	X'8'	0	LCRJSIZE	"LCRJEND-LCRJSTRT" Size of Locate Restart Record Job entry
8	(8)	X'0'	0	LCRSUBPL	"0" Subpool for LCR

Table 431. Cross Reference for IATYLCR

Name	Offset	Hex Tag
LCRHEND	1C	
LCRHFLG1	18	0
LCRHRSVD	19	0
LCRHSIZE	1C	1C
LCRID	0	D3C3D940
LCRJBCNT	6	0

Table 431. Cross Reference for IATYLCR (continued)

Name	Offset	Hex Tag
LCRJEND	8	
LCRJOBNO	0	0
LCRJRSVD	4	0
LCRJSIZE	8	8
LCRJSTRT	0	
LCRMAIN	10	40404040
LCRMCONN	18	80
LCRMFLSH	18	40
LCRMPC	C	
LCRNEXT	8	
LCRRFL01	18	1
LCRRFL02	18	2
LCRRFL04	18	4
LCRRFL08	18	8
LCRRFL10	18	10
LCRRFL20	18	20
LCRSIZE	4	0
LCRSTART	0	
LCRSUBPL	8	0

IATYLCT information

IATYLCT heading information

Common name: Locate Control Table

Macro ID: IATYLCT

DSECT name: LCTMSTRT, LCTSTART, LCTATPRM

Owning component: JES3 (SC1BA)

Eye-catcher ID: MLCT
Offset: 0
Length: 4

Storage attributes: Main Storage: Subpool 0
Auxiliary Storage: N/A

Size: LCTMSIZE (for LCTMSTRT),
LCTSIZE (for LCTSTART)
LCTATSIZ (for LCTATPRM)

Created by: IATLVAT - Locate Subtask Maintenance
IATLVMT - Locate Master Task

Pointed to by: LCTNEXT IN IATYLCT
LCTATLCT IN IATYLCT
LDAMLCT IN IATYLDA
LDALCT IN IATYLDA

Serialization: NONE

Function: The LCT contains data used by each Locate subtask. It is also used by the Locate FCT to communicate with each Locate subtask.

IATYLCT mapping

Table 432. Structure LCTMSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	LCTMSTRT	, Master Locate Control Table
0	(0)	CHARACTER	4	LCTMID	Control Block Id
4	(4)	SIGNED	4	LCTMECB	Master Task ECB
8	(8)	ADDRESS	4	LCTMTCB	Locate Master Task TCB
12	(C)	ADDRESS	4	LCTMTVT	Transfer Vector Table (TVT) address
16	(10)	ADDRESS	4	LCTATLCT	LCT for the subtask that is being attached
20	(14)	ADDRESS	4	LCTAD4F4	IEFAB4F4 entry point
24	(18)	ADDRESS	4	LCTAD4F5	IEFAB4F5 entry point
28	(1C)	BITSTRING	1	LCTMFLG1	Master LCT Flag One
		Definition of LCTMFLG1			
		1...		LCTATCMP	"X'80'" Locate Subtask Attach Complete
		.1..		LCTANCMP	"X'40'" Locate Subtask Attach not successfully completed
		..1.		LCTMABND	"X'20'" Locate Master Task Abend
		...1		LCTMINIT	"X'10'" Locate Master Task Initialization Complete
		.... 1...		LCTESTEN	"X'08'" ESTAE entered (reset after a successful ATTACH has been performed)
		.... .1..		LCTETXPR	"X'04'" ETXR processing being performed
		.... ..1.		LCTATTPR	"X'02'" ATTACH processing being performed
		1		LCTRF101	"X'01'" Reserved flag
29	(1D)	BITSTRING	3	LCTMRSVD	Reserved for development
		Parameter Lists for the Locate Master Task Note: The storage for the parameter lists must be reinitialized prior to use since they occupy the same location in storage.			
32	(20)	SIGNED	4	LCTMPARM(0)	Start of parameter lists
		ATTACH Parameter List LCTMATTA ATTACH SF=L ATTACH parameter list MACDATE 11/11/91			
32	(20)	SIGNED	4	LCTMATTA(0)	
32	(20)	ADDRESS	4		DE OR EPLOC ADDRESS
36	(24)	ADDRESS	4		DCB ADDRESS
40	(28)	ADDRESS	4		NEW FORMAT + ECB ADDR
44	(2C)	ADDRESS	4		GSPL OR GSPV
48	(30)	ADDRESS	4		SHSPV OR SHSPL
52	(34)	ADDRESS	4		EXIT ROUTINE ADDRESS
56	(38)	ADDRESS	2		DPMOD VALUE
58	(3A)	ADDRESS	1		LPMOD VALUE
59	(3B)	ADDRESS	1		STATUS BYTE
60	(3C)	ADDRESS	4	(2)	EP NAME SPACE
68	(44)	ADDRESS	4		ADDRESS OF JSCB

Table 432. Structure LCTMSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
72	(48)	ADDRESS	4		(E)STAI PARM LIST
76	(4C)	ADDRESS	4		EXIT ADDRESS
80	(50)	ADDRESS	4		TASKLIB
84	(54)	ADDRESS	1		FLAG BYTE
85	(55)	ADDRESS	1		TASK ID
86	(56)	ADDRESS	2		PARM LIST LENGTH
88	(58)	ADDRESS	4		SUBPOOL LIST ADDRESS/VALUE
92	(5C)	ADDRESS	1		SET FLAGS
93	(5D)	ADDRESS	1		SET UP FORMAT NUMBER
94	(5E)	BITSTRING	10		RESERVED BYTES FOR FUTURE
94	(5E)	X'48'	0	LCTMATSZ	"*-LCTMATTA" Size of ATTACH parameter list
ESTAE Parameter List					
LCTMESTA ESTAE MF=L ESTAE parameter list					
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	1	LCTMESTA	FLAGS FOR TCB,PURGE,ASYNCH, AND CANCEL
33	(21)	ADDRESS	3		FIELD NO LONGER USED
36	(24)	ADDRESS	4		PARM. LIST ADDR. NOT SPECIFIED
40	(28)	ADDRESS	4		TCB NOT SPECIFIED
44	(2C)	ADDRESS	1		FLAGS
45	(2D)	ADDRESS	1		THIRD FLAG BYTE
46	(2E)	ADDRESS	2		RESERVED
48	(30)	ADDRESS	4		TOKEN VALUE AREA
52	(34)	ADDRESS	4		EXIT ADDR NOT SPECD
52	(34)	X'18'	0	LCTMESSZ	"*-LCTMESTA" Size of ESTAE parameter list
SDUMP Parameter List					
LCTMSDMP SDUMP MF=L SDUMP parameter list					
32	(20)	SIGNED	4	LCTMSDMP(0)	SDUMP PARAMETER LIST
32	(20)	ADDRESS	1		FLAG BYTE
33	(21)	ADDRESS	1		FLAG BYTE
34	(22)	ADDRESS	1		FLAG BYTE
35	(23)	ADDRESS	1		FLAG BYTE
36	(24)	ADDRESS	4		ADDRESS OF DCB
40	(28)	ADDRESS	4		ADDRESS OF STORAGE LIST
44	(2C)	ADDRESS	4		ADDRESS OF USER DATA
48	(30)	ADDRESS	4		ADDRESS OF ECB/SRB
52	(34)	ADDRESS	2		CURRENT ASID
54	(36)	ADDRESS	2		OTHER ASID
56	(38)	ADDRESS	4		ADDRESS OF ASID LIST
60	(3C)	ADDRESS	4		ADDRESS OF SUMLIST/SUMLSTA LIST

Table 432. Structure LCTMSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
64	(40)	ADDRESS	4		RESERVED
68	(44)	ADDRESS	4		RESERVED
68	(44)	X'28'	0	LCTMSDSZ	"*-LCTMSDMP" Size of SDUMP parameter list
104	(68)	SIGNED	4	LCTMEND(0)	End of Master Locate Control Table
104	(68)	X'68'	0	LCTMSIZE	"LCTMEND-LCTMSTRT" Size of Master Locate Control Table

Table 433. Structure LCTSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	LCTSTART	, Locate Control Table
0	(0)	CHARACTER	4	LCTID	Control Block Identifier
4	(4)	ADDRESS	4	LCTNEXT	Address of next LCT in chain
8	(8)	ADDRESS	4	LCTMODEP	Module IATLVLC entry point, used for debugging purposes only
12	(C)	SIGNED	4	LCTRESVD(3)	Reserved for Development
Control Blocks (non spool related)					
24	(18)	ADDRESS	4	LCTTVT	TVT address for subtask
28	(1C)	ADDRESS	4	LCTLET	Locate Entrance Table (LET) address of current request being processed
32	(20)	ADDRESS	4	LCTTCB	Locate Subtask TCB address
36	(24)	ADDRESS	4	LCTJSCB	Locate Subtask JSCB address Note: this is the address of the JSCB storage, not the JSCB prefix. To address the JSCB prefix, use TCBJSCBB.
40	(28)	ADDRESS	4	LCTSEL	Service Entrance List address for SSISERV (Local Locate subtask only)
44	(2C)	ADDRESS	4	LCTSSIPM	Parameter list for SSI requests
48	(30)	ADDRESS	4	LCTSSOB	Subsystem Option Block (SSOB)
52	(34)	ADDRESS	4	LCTCSSSA	SSOB Extension (SSSA) for SMS Catalog Services
56	(38)	ADDRESS	4	LCTVSSSA	SSOB Extension (SSSA) for SMS VOLREF Services
60	(3C)	ADDRESS	4	LCTUVR	Unit Verification parameter list address
Control Blocks (Spool related)					
64	(40)	ADDRESS	4	LCTBLK	Block Spooler parameter list (BLK) address
68	(44)	ADDRESS	4	LCTRAB	Record Allocation Block (RAB) address of current request being processed
72	(48)	ADDRESS	4	LCTSCACB	Access Method Control Block (ACB) address for the SMS Scheduling Information Dataset
76	(4C)	ADDRESS	4	LCTJBACB	Access Method Control Block (ACB) address for the SMS Job Information Dataset
80	(50)	ADDRESS	4	LCTSCRPL	Request Parameter List (RPL) address for the SMS Scheduling Information Dataset

Table 433. Structure LCTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
84	(54)	ADDRESS	4	LCTJBRPL	Request Parameter List (RPL) address for the SMS Job Information Dataset
88	(58)	ADDRESS	4	LCTSCDSS	Dataset Status Block (DSS) address for the SMS Scheduling Information Dataset
92	(5C)	ADDRESS	4	LCTJBDSS	Dataset Status Block (DSS) address for the SMS Job Information Dataset
96	(60)	ADDRESS	4	LCTSCDEB	Data Extent Block (DEB) address for the SMS Scheduling Information Dataset
100	(64)	ADDRESS	4	LCTJBDEB	Data Extent Block (DEB) address for the SMS Job Information Dataset
104	(68)	ADDRESS	4	LCTSCSDM	Spool Data Management Parameter (SDM) address for SMS Scheduling Info. Dataset
108	(6C)	ADDRESS	4	LCTJBSDM	Spool Data Management Parameter (SDM) address for SMS Job Information Dataset
112	(70)	ADDRESS	4	LCTSPAFS	JES3 Spool Access Facility Parameter List for SMS Scheduling Information Dataset
116	(74)	ADDRESS	4	LCTSPAFJ	JES3 Spool Access Facility Parameter List for SMS Job Information Dataset
	Locate Response Related Data				
120	(78)	ADDRESS	4	LCTLRSWK	Locate Response Work Area (Used to create LRS's)
124	(7C)	ADDRESS	4	LCTLRS	Locate Response (LRS) address (Global Locate subtask only)
128	(80)	ADDRESS	4	LCTLRSLA	Last Locate Response (LRS) in chain of LRS's (Global Locate subtask only)
132	(84)	ADDRESS	4	LCTCRLRS	Address of the current LRS Fixed or Data entry in the current LRS buffer. It is set to zero when a new LRS buffer is initialized
136	(88)	ADDRESS	4	LCTFXLRS	Address of the current LRS Fixed entry in the current LRS buffer. It is set to zero when a new LRS buffer is initialized
140	(8C)	ADDRESS	4	LCTFRESP	Address of next free space in the LRS Work Area to allocate a new LRS Fixed or LRS Data entry
144	(90)	SIGNED	2	LCTLRSSQ	Locate Response Staging Area sequence number
146	(92)	SIGNED	2	LCTMXRSZ	Maximum LRS size
148	(94)	SIGNED	2	LCTAMTLF	Amount of room left in LRS Work Area to allocate new LRS entries
150	(96)	SIGNED	2	LCTLRSVD	Reserved for Development
	Locate Request Table (LVS) Related Information				
152	(98)	ADDRESS	4	LCTLVS	Locate Request (LVS) address (in storage buffers)
156	(9C)	ADDRESS	4	LCTLALVS	Last LVS buffer accessed
160	(A0)	SIGNED	4	LCTLVCID	LVS Cellpool Identifier Note: This cellpool is also used for the SMS Job Information dataset
164	(A4)	SIGNED	2	LCTNXCAT	Relative LVS number of the next Catalog LVS entry

Table 433. Structure LCTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
166	(A6)	SIGNED	2	LCTNXDSN	Relative LVS number of the next Dataset LVS entry
168	(A8)	SIGNED	2	LCTCRLVS	Relative LVS number of the current LVS entry
170	(AA)	SIGNED	2	LCTLVRSD	Reserved for Development
	Catalog Management Related Data				
172	(AC)	ADDRESS	4	LCTCTGPL	Catalog Parameter List (CTGPL) address
176	(B0)	ADDRESS	4	LCTCTGP2	Second Catalog Parameter List (CTGPL) address
180	(B4)	ADDRESS	4	LCTCTGWA	Catalog Work Area (CTGWA) address
184	(B8)	ADDRESS	4	LCTCTGW2	Second Catalog Work Area (CTGWA) address
188	(BC)	ADDRESS	4	LCTPCTVL	Preallocated Catalog Volume List (CTGVL) address
192	(C0)	ADDRESS	4	LCTPCTV2	Second Preallocated Catalog Volume List (CTGVL) address
196	(C4)	ADDRESS	4	LCTGCTVL	GETMAINed Catalog Volume List (CTGVL) address
200	(C8)	ADDRESS	4	LCTGCTV2	Second GETMAINed Catalog Volume List (CTGVL) address
204	(CC)	ADDRESS	4	LCTCTGCV	Catalog Control Volume List (CTGCV) address
208	(D0)	ADDRESS	4	LCTCTGC2	Second Catalog Control Volume List (CTGCV) address
212	(D4)	ADDRESS	4	LCTCTGFL	Catalog Field Parameter List (CTGFL) address
216	(D8)	SIGNED	2	LCTCVSZ1	Size of First GETMAINed Catalog Volume List
218	(DA)	SIGNED	2	LCTCVSZ2	Size of Second GETMAINed Catalog Volume List
220	(DC)	BITSTRING	18	LCTCLU(8)	Catalog Locate Unit Work Area (CLU) - large enough to contain 8 unit types
220	(DC)	X'90'	0	LCTCLUSZ	"*-LCTCLU" Size of CLU
	Catalog Allocation/Unallocation Work Area				
364	(16C)	ADDRESS	4	LCTALLOC	Catalog Allocate Parameter List address
368	(170)	ADDRESS	4	LCTUNALC	Catalog Unallocate Parameter List address
372	(174)	SIGNED	2	LCTDVIDX	Device index for allocation of user catalogs
374	(176)	SIGNED	2	LCTVTIDX	Locate Subtask Vector Table (LSVT) index.
376	(178)	CHARACTER	8	LCTDDNAM	DDNAME used to allocate | | user catalogs: | ----------> LDADDCNT in printable hex ----------> Characters "J3"
376	(178)	X'17A'	0	LCTDDNUM	"LCTDDNAM+2,6" Number portion of DDNAME
	Routine Addresses				
384	(180)	ADDRESS	4	LCTCETXR	Common ETXR Entry Point (within IATLVMT)

Table 433. Structure LCTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
388	(184)	ADDRESS	4	LCTAB4F4	IEFAB4F4 Entry Point
392	(188)	ADDRESS	4	LCTAB4F5	IEFAB4F5 Entry Point
	Spool Addresses				
396	(18C)	BITSTRING	6	LCTLVSFS	LVS First Spool address
402	(192)	BITSTRING	6	LCTSCHFS	SMS Scheduling Information Dataset First Spool address
408	(198)	BITSTRING	6	LCTSCHLS	SMS Scheduling Information Dataset Last Spool address
414	(19E)	BITSTRING	6	LCTJOBFS	SMS Job Information Dataset First Spool address
420	(1A4)	BITSTRING	1	LCTRSPAD	Reserved for spool address
	Save Areas				
428	(1AC)	SIGNED	4	LCTSAVE(18)	Save Area
500	(1F4)	SIGNED	4	LCTSPSSV(18)	Save Area for SPAF used for SMS Scheduling Information Dataset
572	(23C)	SIGNED	4	LCTSPJSV(18)	Save Area for SPAF used for SMS Job Information Dataset
	IATLVLC Save Area Chaining Control Area Each save area consists of the following: (1) Pointer to next free or previous allocated save area (2) Caller's return address (3) Called subroutine entry point 0 (4) Caller's registers R2 thru R10 0 The LVLCLINK macro in IATLVLC is used to establish entry and exit linkage for a called subroutine. Initially, the LVLCLINK macro must be invoked to initialize the save area chains and to establish LCTFRSAV as the pointer to the first free save area.				
644	(284)	ADDRESS	4	LCTALSAV	Address of first allocated save area
648	(288)	ADDRESS	4	LCTFRSAV	Address of first free save area
652	(28C)	ADDRESS	4	LCTSAVWK	Work area for LVLCLINK macro (used to save register one)
656	(290)	BITSTRING	48	LCTRGSV1	Save area one 0595
704	(2C0)	BITSTRING	48	LCTRGSV2	Save area two 0595
752	(2F0)	BITSTRING	48	LCTRGSV3	Save area three 0595
800	(320)	BITSTRING	48	LCTRGSV4	Save area four 0595
848	(350)	BITSTRING	1	LCTRGSV5	Save area five 0595
	Event Control Blocks (ECBs)				
896	(380)	SIGNED	4	LCTECB	Locate subtask ECB
900	(384)	SIGNED	4	LCTATECB	ECB used by Locate Master task to wait for Locate subtask ATTACH completion
	Miscellaneous Data				
904	(388)	DBL WORD	8	LCTUSETM	Time of last use (from STCK instruction)
904	(388)	X'388'	0	LCTUSET	"LCTUSETM,4" Usable portion of LCTUSETM
912	(390)	SIGNED	4	LCTJOBNO	Job number of the job currently being processed

Table 433. Structure LCTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
916	(394)	SIGNED	4	LCTLOCNT	Number of Locate requests performed by this subtask
920	(398)	SIGNED	2	LCTGENCT	Number of generations currently existing in GDG
922	(39A)	SIGNED	2	LCTGDGLM	Maximum number of generations allowed in GDG (GDG Limit)
924	(39C)	CHARACTER	44	LCTDSNSV	Dataset name save area. Contains referenced dataset for a VOL=REF request.
968	(3C8)	CHARACTER	44	LCTDSNS2	Dataset name save area for referencing dataset for a VOL=REF request.
1012	(3F4)	SIGNED	4	LCTWORK(3)	Miscellaneous Work Area
	GDG Work Area				
1024	(400)	DBL WORD	8	LCTDWORK	Dword work area (for CVD) 18531TAC
1028	(404)		4	LCTPKGEN	Current generation number 18531TAC being processed (packed 18531TAC decimal format) 18531TAC
1032	(408)		4	LCTINCR	Increment for getting next 18531TAC relative generation no. 18531TAC
1036	(40C)	CHARACTER	7	LCTGENWK	Start of generation append 18531TAC
1036	(40C)	X'40E'	0	LCTGENNO	"LCTGENWK+2,3" Generation number (EBCDIC) 18531TAA
1036	(40C)	X'410'	0	LCTGENLT	"LCTGENWK+4,1" Last generation no. digit 18531TAA
	Flags				
1043	(413)	BITSTRING	1	LCTFLAG1	Flag Byte One
	Definition of LCTFLAG1				
		1...		LCTBUSY	"X'80'" Subtask is busy
		.1..		LCTMSCAT	"X'40'" Private catalog being allocated is an MSS catalog
		..1.		LCTGDGAL	"X'20'" GDG-all processing
		...1		LCTSPECU	"X'10'" Special unit count assignment needs to be done
		.... 1...		LCTSMSDS	"X'08'" The current dataset is an SMS managed dataset
		.... .1..		LCTTERMC	"X'04'" Locate Subtask Termination Complete - set by ETXR
		.... ..1.		LCTABEND	"X'02'" Locate Subtask abended
		1		LCTFINIS	"X'01'" Subtask finished with current request - used by local Locate FCT to determine which subtask completed
1044	(414)	BITSTRING	1	LCTFLAG2	Flag Byte Two
	Definition of LCTFLAG2				
		1...		LCTLLRSB	"X'80'" Last LRS buffer being sent
		.1..		LCTLOCRQ	"X'40'" A Locate request needs to be processed
		..1.		LCTNRMTM	"X'20'" Normal termination request
		...1		LCTNODMP	"X'10'" Don't take SDUMP in ESTAE

Table 433. Structure LCTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		LCTLSTFX	"X'08'" Last LRS entry created was a LRS Fixed entry (as opposed to an LRS Data entry)
		.... .1..		LCTSDSN	"X'04'" Single dataset name Locate request by a DSP
		.... ..1.		LCTOCVOL	"X'02'" Catalog being processed is an OS CVOL. Do not open this catalog (used by the LCALLOC routine).
		1		LCTALORD	"X'01'" GDGALL allocation order 18531TAC 0 - LIFO processing 18531TAA 1 - FIFO processing 18531TAA
1045	(415)	BITSTRING	1	LCTFLAG3	Flag Byte Three
		Definition of LCTFLAG3			
		1...		LCTRF380	"X'80'" Reserved Flag
		.1..		LCTRF340	"X'40'" Reserved Flag
		..1.		LCTRF320	"X'20'" Reserved Flag
		...1		LCTRF310	"X'10'" Reserved Flag
		.... 1...		LCTRF308	"X'08'" Reserved Flag
		.... .1..		LCTRF304	"X'04'" Reserved Flag
		.... ..1.		LCTRF302	"X'02'" Reserved Flag
		1		LCTRF301	"X'01'" Reserved Flag
1046	(416)	BITSTRING	1	LCTMSRSD(2)	Reserved for IBM
		Parameter Lists for the Locate Subtask Note: The storage for the parameter lists must be reinitialized prior to use since they occupy the same location in storage.			
1048	(418)	SIGNED	4	LCTSPARM(0)	Start of parameter lists
		Parameter List passed to Initialize Catalog Management Control Blocks Routine (LCINITCM).			
1048	(418)	SIGNED	4	LCTINITC(8)	Init. Catalog Management Control Blocks Parmlist
		CPOOL Parameter List			
		LCTCPP CPOOL BUILD,MF=L MVS Cellpool parameter list			
1048	(418)	SIGNED	2	LCTCPP(0)	
1048	(418)	ADDRESS	4		.PRIMARY CELL COUNT
1052	(41C)	ADDRESS	4		.SECONDARY CELL COUNT
1056	(420)	ADDRESS	4		.CELL SIZE
1060	(424)	ADDRESS	1		.SUBPOOL ID
1061	(425)	ADDRESS	1		.KEY
1062	(426)	BITSTRING	2		
1064	(428)	ADDRESS	4		.TCB ADDRESS
1068	(42C)	BITSTRING	24		.HEADER
1092	(444)	SIGNED	2	CPOOL_BUILD_0011(0)	
1092	(444)	X'2C'	0	LCTCPPSZ	"*-LCTCPP" Size of CPOOL parameter list

Table 433. Structure LCTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
DEQ Parameter List					
LCTDEQ DEQ (,,,), DEQ parameter list MF=L MACRO-DATE = 03/16/2015					
1048	(418)	SIGNED	4	(0)	ESTABLISH A FULLWORD BOUNDARY
1048	(418)	X'418'	0	LCTDEQ	"*" X02113
1048	(418)	ADDRESS	1		PELLAST flag byte. X02113
1049	(419)	ADDRESS	1		PELMILEN - RNAME length.
1050	(41A)	BITSTRING	1		
PELFLAG - flag byte 2.					
1051	(41B)	ADDRESS	1		PELRET - return code byte.
1052	(41C)	ADDRESS	4		QNAME ADDRESS
1056	(420)	ADDRESS	4		RNAME ADDRESS
1056	(420)	X'C'	0	LCTDEQSZ	"*-LCTDEQ" Size of DEQ parameter list
ENQ Parameter List					
LCTENQ ENQ (,,,,), ENQ parameter list MF=L MACRO-DATE = 03/16/15					
1048	(418)	SIGNED	4	(0)	ESTABLISH A FULLWORD BOUNDARY
1048	(418)	X'418'	0	LCTENQ	"*" X02113
1048	(418)	ADDRESS	1		PELLAST flag byte. X02113
1049	(419)	ADDRESS	1		PELMILEN - RNAME length.
1050	(41A)	BITSTRING	1		
PELFLAG - flag byte 2.					
1051	(41B)	ADDRESS	1		PELRET - return code byte.
1052	(41C)	ADDRESS	4		QNAME ADDRESS
1056	(420)	ADDRESS	4		RNAME ADDRESS
1056	(420)	X'C'	0	LCTENQSZ	"*-LCTENQ" Size of ENQ parameter list
ESTAE Parameter LIST					
LCTESTAE ESTAE MF=L ESTAE parameter list					
1048	(418)	SIGNED	4	(0)	
1048	(418)	ADDRESS	1	LCTESTAE	FLAGS FOR TCB,PURGE,ASYNCH, AND CANCEL
1049	(419)	ADDRESS	3		FIELD NO LONGER USED
1052	(41C)	ADDRESS	4		PARM. LIST ADDR. NOT SPECIFIED
1056	(420)	ADDRESS	4		TCB NOT SPECIFIED
1060	(424)	ADDRESS	1		FLAGS
1061	(425)	ADDRESS	1		THIRD FLAG BYTE
1062	(426)	ADDRESS	2		RESERVED

Table 433. Structure LCTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1064	(428)	ADDRESS	4		TOKEN VALUE AREA
1068	(42C)	ADDRESS	4		EXIT ADDR NOT SPECD
1068	(42C)	X'18'	0	LCTESTSZ	"*-LCTESTAE" Size of ESTAE parameter list

```
WTO Parameter List for Message IAT4350.
```

```
LCTWTO WTO 'IAT4350 CALLING SEQUENCE: IATLVLC,ROUTINE2,ROUTINE3,ROU
              TINE4,ROUTINE5,ROUTINE6',
              ROUTCDE=2,
              DESC=4,
              MF=L
```

1048	(418)	SIGNED	4	LCTWTO(0)	
1048	(418)	ADDRESS	2		TEXT LENGTH
1050	(41A)	BITSTRING	2		MCSFLAGS
1052	(41C)	CHARACTER	53		
1130	(46A)	BITSTRING	2		DESCRIPTOR CODES
1132	(46C)	BITSTRING	2		ROUTING CODES
1132	(46C)	X'56'	0	LCTWTOSZ	"*-LCTWTO" Size of WTO parameter list

```
Subtask ETXR - This routine is entered after the
subtask terminates. It is responsible for setting
up the proper registers, and branching to the common
ETXR routine in module IATLVMT to perform cleanup.
Registers on Entry:
   R0 - Control Program information
   R1 - TCB address of the task that terminated
   R2-12 - Unpredictable
   R13 - Control Program save area address
   R14 - Return address to the Control Program
   R15 - ETXR routine entry point
Registers on Exit:
   R0 - Unchanged
   R1 - Locate subtask LCT address
   R2-14 - Unchanged
   R15 - Common ETXR entry point
Note: The ETXR saves the control program registers
      in the save area provided by the Control
      Program. They are restored by the Common
      ETXR in IATLVMT.
```

1134	(46E)	SIGNED	2	LCTETXR(0)	Locate Subtask ETXR
0	(0)	X'E'	0	LCTEXSZ	"*-LCTETXR" Size of subtask ETXR
1148	(47C)	ADDRESS	4	LCTSELF	Address of subtask LCT
1152	(480)	DBL WORD	8	LCTEND(0)	End of Locate Control Table
1152	(480)	X'480'	0	LCTSIZE	"LCTEND-LCTSTART" Size of Locate Control Table

```
Miscellaneous Equates
```

1152	(480)	X'3'	0	LCTLVSPX	"3" Number of LVS buffers in primary extent
1152	(480)	X'3'	0	LCTLVSSX	"3" Number of LVS buffers in secondary extent
1152	(480)	X'200'	0	LCTVOLEN	"512" Standard Catalog Volume List (CTGVL) size
1152	(480)	X'800'	0	LCTGLWSZ	"2048" Size of LRS Work Area for JES3 Global Locate subtask
1152	(480)	X'800'	0	LCTCFWSZ	"2048" Size of LRS Work Area for C/I FSS Locate subtask
1152	(480)	X'0'	0	LCTLRDAT	"0" Request for LRS Data entry (LCGETLRS subroutine)

Table 433. Structure LCTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1152	(480)	X'4'	0	LCTLRFIX	"4" Request for LRS Fixed entry (LCGETLRS subroutine)

Table 434. Structure LCTATPRM

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	LCTATPRM	IATLVAT Parameters
0	(0)	SIGNED	2	LCTSUBCT	Number of Subtasks to Process
2	(2)	SIGNED	2	LCTATRSH	Reserved for Developement
4	(4)	ADDRESS	4	LCTADLCT	Locate Subtask LCT Address
8	(8)	SIGNED	4	LCTATRSF	Reserved for Developement
12	(C)	BITSTRING	1	LCTATEND(0)	End of Parameter List
12	(C)	X'C'	0	LCTATSIZ	"*-LCTATPRM" Size of Parameter List
IATLVAT Function Codes					
12	(C)	X'0'	0	LCTAINIT	"0" Initialize one or more Locate subtasks
12	(C)	X'4'	0	LCTREINS	"4" Reinstate a Locate subtask
12	(C)	X'8'	0	LCTATERM	"8" Abnormally terminate a Locate subtask
12	(C)	X'C'	0	LCTNTERM	"12" Normally terminate a Locate subtask
12	(C)	X'C'	0	LCTAMXEN	"12" Maximum Entry Reason

Table 435. Structure LCSAVE

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	LCSAVE	, IATLVLC Save Area 0595
0	(0)	ADDRESS	4	LCSAVCHN	Pointer to next free save 0595 area (if on the free save 0595 area chain) or the previous 0595 allocated save area (if on 0595 allocated save area chain) 0595 0595
4	(4)	ADDRESS	4	LCSAVRTN	Return address of caller 0595
8	(8)	ADDRESS	4	LCSAVREP	Entry point of called 0595 Routine (used for debugging 0595 purposes only) 0595 0595
12	(C)	SIGNED	4	LCSAVREG(0)	Registers R2 through R10 0595
12	(C)	SIGNED	4	LCSAVR2	Save area for register 2 0595
16	(10)	SIGNED	4	LCSAVR3	Save area for register 3 0595
20	(14)	SIGNED	4	LCSAVR4	Save area for register 4 0595
24	(18)	SIGNED	4	LCSAVR5	Save area for register 5 0595
28	(1C)	SIGNED	4	LCSAVR6	Save area for register 6 0595
32	(20)	SIGNED	4	LCSAVR7	Save area for register 7 0595
36	(24)	SIGNED	4	LCSAVR8	Save area for register 8 0595
40	(28)	SIGNED	4	LCSAVR9	Save area for register 9 0595
44	(2C)	SIGNED	4	LCSAVR10	Save area for register 10 0595 0595
48	(30)	SIGNED	4	LCSAVEND(0)	End of save area 0595
48	(30)	X'30'	0	LCSAVSIZ	"*-LCSAVE" Size of save area 0595
48	(30)	X'5'	0	LCMAXSAV	"5" Maximum number of save 0595 areas 0595

Table 436. Cross Reference for IATYLCT

Name	Offset	Hex Tag
CPOOL_BUILD_0011	444	
LCMAXSAV	30	5
LCSAVCHN	0	
LCSAVE	0	
LCSAVEND	30	
LCSAVREG	C	
LCSAVREP	8	
LCSAVRTN	4	
LCSAVR10	2C	0
LCSAVR2	C	0
LCSAVR3	10	0
LCSAVR4	14	0
LCSAVR5	18	0
LCSAVR6	1C	0
LCSAVR7	20	0
LCSAVR8	24	0
LCSAVR9	28	0
LCSAVSIZ	30	30
LCTABEND	413	2
LCTAB4F4	184	
LCTAB4F5	188	
LCTADLCT	4	
LCTAD4F4	14	
LCTAD4F5	18	
LCTAINIT	C	0
LCTALLOC	16C	
LCTALORD	414	1
LCTALSAV	284	
LCTAMTLF	94	0
LCTAMXEN	C	C
LCTANCMP	1C	40
LCTATCMP	1C	80
LCTATECB	384	0
LCTATEND	C	
LCTATERM	C	8
LCTATLCT	10	
LCTATPRM	0	
LCTATRSF	8	0
LCTATRSH	2	0
LCTATSIZ	C	C
LCTATTPR	1C	2
LCTBLK	40	
LCTBUSY	413	80
LCTCETXR	180	
LCTCFWSZ	480	800
LCTCLU	DC	0

Table 436. Cross Reference for IATYLCT (continued)

Name	Offset	Hex Tag
LCTCLUSZ	DC	90
LCTCPP	418	
LCTCPPSZ	444	2C
LCTCRLRS	84	
LCTCRLVS	A8	0
LCTCSSSA	34	
LCTCTGCV	CC	
LCTCTGC2	D0	
LCTCTGFL	D4	
LCTCTGPL	AC	
LCTCTGP2	B0	
LCTCTGWA	B4	
LCTCTGW2	B8	
LCTCVSZ1	D8	0
LCTCVSZ2	DA	0
LCTDDNAM	178	D1F3E7E7
LCTDDNUM	178	17A
LCTDEQ	418	418
LCTDEQSZ	420	C
LCTDSNSV	39C	40404040
LCTDSNS2	3C8	40404040
LCTDVIDX	174	0
LCTDWORK	400	0
LCTECB	380	0
LCTEND	480	
LCTENQ	418	418
LCTENQSZ	420	C
LCTESTAE	418	
LCTESTEN	1C	8
LCTESTSZ	42C	18
LCTETXPR	1C	4
LCTETXR	46E	
LCTEXSZ	0	E
LCTFINIS	413	1
LCTFLAG1	413	0
LCTFLAG2	414	0
LCTFLAG3	415	0
LCTFRESP	8C	
LCTFRSAV	288	
LCTFXLRS	88	
LCTGCTVL	C4	
LCTGCTV2	C8	
LCTGDGAL	413	20
LCTGDGLM	39A	0
LCTGENCT	398	0
LCTGENLT	40C	410

Table 436. Cross Reference for IATYLCT (continued)

Name	Offset	Hex Tag
LCTGENNO	40C	40E
LCTGENWK	40C	4D604040
LCTGLWSZ	480	800
LCTID	0	D3C3E340
LCTINCR	408	C
LCTINITC	418	0
LCTJBACB	4C	
LCTJBDEB	64	
LCTJBDSS	5C	
LCTJBRPL	54	
LCTJBSDM	6C	
LCTJOBFS	19E	0
LCTJOBNO	390	0
LCTJSCB	24	
LCTLALVS	9C	
LCTLET	1C	
LCTLLRSB	414	80
LCTLOCNT	394	0
LCTLOCRQ	414	40
LCTLRDAT	480	0
LCTLRFIX	480	4
LCTLRS	7C	
LCTLRSLA	80	
LCTLRSSQ	90	0
LCTLRSVD	96	0
LCTLRSWK	78	
LCTLSTFX	414	8
LCTLVCID	A0	0
LCTLVRSD	AA	0
LCTLVS	98	
LCTLVSFS	18C	0
LCTLVSPX	480	3
LCTLVSSX	480	3
LCTMABND	1C	20
LCTMATSZ	5E	48
LCTMATTA	20	
LCTMECB	4	0
LCTMEND	68	
LCTMESSZ	34	18
LCTMESTA	20	
LCTMFLG1	1C	0
LCTMID	0	D4D3C3E3
LCTMINIT	1C	10
LCTMODEP	8	
LCTMPARM	20	
LCTMRSVD	1D	0

Table 436. Cross Reference for IATYLCT (continued)

Name	Offset	Hex Tag
LCTMSCAT	413	40
LCTMSDMP	20	
LCTMSDSZ	44	28
LCTMSIZE	68	68
LCTMSRSD	416	0
LCTMSTRT	0	
LCTMTCB	8	
LCTMTVT	C	
LCTMXRSZ	92	0
LCTNEXT	4	
LCTNODMP	414	10
LCTNRMTM	414	20
LCTNTERM	C	C
LCTNXCAT	A4	0
LCTNXDSN	A6	0
LCTOCVOL	414	2
LCTPCTVL	BC	
LCTPCTV2	C0	
LCTPKGEN	404	C
LCTRAB	44	
LCTREINS	C	4
LCTRESVD	C	0
LCTRF101	1C	1
LCTRF301	415	1
LCTRF302	415	2
LCTRF304	415	4
LCTRF308	415	8
LCTRF310	415	10
LCTRF320	415	20
LCTRF340	415	40
LCTRF380	415	80
LCTRGSV1	290	0
LCTRGSV2	2C0	0
LCTRGSV3	2F0	0
LCTRGSV4	320	0
LCTRGSV5	350	0
LCTRSPAD	1A4	0
LCTSAVE	1AC	0
LCTSAVWK	28C	
LCTSCACB	48	
LCTSCDEB	60	
LCTSCDSS	58	
LCTSCHFS	192	0
LCTSCHLS	198	0
LCTSCRPL	50	
LCTSCSDM	68	

Table 436. Cross Reference for IATYLCT (continued)

Name	Offset	Hex Tag
LCTSDSN	414	4
LCTSEL	28	
LCTSELF	47C	
LCTSIZE	480	480
LCTSMSDS	413	8
LCTSPAFJ	74	
LCTSPAFS	70	
LCTSPARM	418	
LCTSPECU	413	10
LCTSPJSV	23C	0
LCTSPSSV	1F4	0
LCTSSIPM	2C	
LCTSSOB	30	
LCTSTART	0	
LCTSUBCT	0	0
LCTTCB	20	
LCTTERMC	413	4
LCTTVT	18	
LCTUNALC	170	
LCTUSET	388	388
LCTUSETM	388	0
LCTUVR	3C	
LCTVOLEN	480	200
LCTVSSSA	38	
LCTVTIDX	176	0
LCTWORK	3F4	0
LCTWTO	418	
LCTWTOSZ	46C	56

IATYLDA information

IATYLDA heading information

Common name: LOCATE DATA AREA (LDA)

Macro ID: IATYLDA

DSECT name: LDASTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Main Storage: IATLVDA
Auxiliary Storage: NONE

Size: LDASIZE

Created by: IATINLC

Pointed to by: TVTLDAAD
R13 IN MODULE IATLVIN

Serialization: NONE

Function: Provide mapping DSECT for the locate FCT data area.

IATYLDA mapping

Table 437. Structure IATLVDA

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATLVDA	
0	(0)	SIGNED	4	LDASTART(0)	BEGINNING OF DATA AREA

```
                JES3 MODULE ENTRY POINT IDENTIFIER
01 Change Activity:
   $SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0
```

0	(0)	CHARACTER	8		MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM

```
CONTROL BLOCK/ROUTINE ADDRESSES
```

36	(24)	ADDRESS	4	LDALCT	FIRST LOCATE CONTROL TABLE (LCT) ADDRESS
40	(28)	ADDRESS	4	LDAMLCT	MASTER LOCATE SUBTASK LCT ADDRESS
44	(2C)	ADDRESS	4	LDALSVT	LOCATE SUBTASK VECTOR TABLE (LSVT) ADDRESS
48	(30)	ADDRESS	4	LDALVAT	LOCATE SUBTASK MAINTENANCE MODULE (IATLVAT) ADDRESS
52	(34)	ADDRESS	4	LDALETQ	LOCATE ENTRANCE TABLE (LET) QUEUE
56	(38)	ADDRESS	4	LDALCFCT	LOCATE FCT'S FCT ENTRY
60	(3C)	ADDRESS	4	LDALOCAP	LVINCAPP LOCATE CONSOLE APPENDAGE
64	(40)	ADDRESS	4	LDALCR	LOCATE RESTART RECORD ADDRESS DURING MAIN CONNECT PROCESSING
68	(44)	ADDRESS	4	LDARSVDD(10)	RESERVED FOR DEVELOPMENT
108	(6C)	ADDRESS	4	LDARSVDS(10)	RESERVED FOR SERVICE
148	(94)	ADDRESS	4	LDARSVDU(10)	RESERVED FOR USER

```
LOCATE SUBTASK ATTACH/DETACH WORK AREA
THE LOCATE DSP REQUIRES CHECKING THE CLOCK TO
DETERMINE WHEN A SUBTASK CAN BE ATTACHED AND WHEN
A SUBTASK SHOULD BE DETACHED.
THE CURRENT SUBTASK ATTACH TIME INTERVAL IS
15 MINUTES. THE CURRENT SUBTASK DETACH TIME
INTERVAL IS 30 MINUTES.
EXPLANATION OF BELOW EQUATIONS:
LDAATIME - ATTACH TIME INTERVAL
LDADTIME - DETACH TIME INTERVAL
MULTIPLY THE TIME INTERVAL (ATTACH OR DETACH)
BY 60 (THE NUMBER OF SECONDS IN ONE MINUTE).
NEXT MULTIPLY BY THE CLOCK INTERVAL FOR SECONDS,
.953674 (1000000/1048576).
```

148	(94)	X'F'	0	LDAATIME	"15" ATTACH TIME INTERVAL
148	(94)	X'35A'	0	LDAATMIN	"LDAATIME*60*1000000/1048576" THE MINIMUM AMOUNT OF TIME THAT MUST ELAPSE IN ORDER TO CHANGE THE NUMBER OF ADDTIONAL LOCATE SUBTASKS THAT MAY BE ATTACHED
148	(94)	X'1E'	0	LDADTIME	"30" DETACH TIME INTERVAL
148	(94)	X'6B4'	0	LDADTMIN	"LDADTIME*60*1000000/1048576" THE MINIMUM AMOUNT OF TIME THAT MUST ELAPSE BEFORE A CHECK IS MADE TO DETACH A LOCATE SUBTASK

Table 437. Structure IATLVDA (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		TIME OF LAST LOCATE SUBTASK ATTACH			
192	(C0)	DBL WORD	8	LDAATTTM	THE TIME OF THE LAST LOCATE SUBTASK ATTACH (STCK VALUE)
192	(C0)	X'C0'	0	LDAATTT	"LDAATTTM,4" FIRST WORD OF TIME
		TIME OF LAST LOCATE SUBTASK DETACH PROCESSING			
200	(C8)	DBL WORD	8	LDADETTM	THE TIME OF THE LAST LOCATE SUBTASK DETACH PROCESSING BY LVINSDET (STCK VALUE)
200	(C8)	X'C8'	0	LDADETT	"LDADETTM,4" FIRST WORD OF TIME
		TIME OF CURRENT CLOCK			
208	(D0)	DBL WORD	8	LDACURTM	CURRENT TIME
208	(D0)	X'D0'	0	LDACURW1	"LDACURTM,4" FIRST WORD OF TIME
216	(D8)	SIGNED	4	LDAAWTRQ	AVERAGE NUMBER OF REQUESTS WAITING FOR A LOCATE SUBTASK
216	(D8)	X'2'	0	LDAWTFAC	"2" WEIGHTING FACTOR USED WHEN COMPUTING THE AVERAGE NUMBER OF LOCATE REQUESTS THAT NEED A LOCATE SUBTASK
220	(DC)	SIGNED	2	LDAATTCT	ATTACH COUNT - THE NUMBER OF SUBTASKS THAT CAN BE ATTACHED DURING THIS PASS
222	(DE)	SIGNED	2	LDARSVDH	RESERVED FOR DEVELOPMENT
		LOCATE COMMUNICATION AREA (LCA) WORK AREAS			
224	(E0)	BITSTRING	180	LDALRLCA	LOCATE REQUEST LCA WORK AREA
404	(194)	BITSTRING	44	LDACNLCA	JOB CANCEL LCA WORK AREA
448	(1C0)	BITSTRING	1	LDACCLCA	JOB CANCEL COMPLETE LCA WORK AREA
		MISCELLANEOUS DATA			
492	(1EC)	SIGNED	4	LDAMAINS	JOB MAIN MASK WHILE ATTEMPTING TO SCHEDULE THE JOB
496	(1F0)	BITSTRING	4	LDARMAIN	REJECT MAINS THAT HAVE HAD A PROBLEM WHICH CAN NOT BE SCHEDULED TO
500	(1F4)	SIGNED	4	LDAJOBNO	JOB NUMBER FROM CANCEL COMMAND IN BINARY FORM
504	(1F8)	CHARACTER	8	LDAJOBNE	JOB NUMBER FROM CANCEL COMMAND IN EBCDIC FORM
512	(200)	SIGNED	4	LDAJOBNS	NUMBER OF CHARACTERS FOR THE JOB NUMBER IN EBCDIC FORM
516	(204)	SIGNED	4	LDASSAVE	SAVE AREA FOR STORAGE ADDRESSES
520	(208)	SIGNED	4	LDASSIZE	SAVE AREA FOR STORAGE SIZE
524	(20C)	SIGNED	4	LDADDCNT	DD NAME COUNTER USED BY LOCATE SUBTASKS TO GENERATE UNIQUE DD NAMES FOR ALLOCATING CATALOGS
528	(210)	SIGNED	4	LDASAVE1	GENERAL SAVE AREA 1
532	(214)	SIGNED	4	LDASAVE2	GENERAL SAVE AREA 2
536	(218)	SIGNED	4	LDASREG1(13)	FIRST REGISTER SAVE AREA
588	(24C)	SIGNED	4	LDASREG2(18)	SECOND REGISTER SAVE AREA (MUST BE 72 BYTES LONG SINCE IATLVIN USES THIS SAVE AREA WHEN INVOKING IATSSXM)

Table 437. Structure IATLVDA (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
660	(294)	BITSTRING	12	LDALCPFD	LOCATE CHECKPOINT (LCP) FDB
672	(2A0)	BITSTRING	12	LDAATPRM	IATLVAT PARAMETER LIST
684	(2AC)	SIGNED	4	LDARVDD1(10)	RESERVED FOR DEVELOPMENT
724	(2D4)	SIGNED	4	LDARVDS1(10)	RESERVED FOR SERVICE
764	(2FC)	SIGNED	4	LDARVDU1(10)	RESERVED FOR USER
804	(324)	BITSTRING	0	LDAMGTXT(0)	COMMAND BUFFER
804	(324)	BITSTRING	1	(0)	...INITIALIZE TO ZEROES
1132	(46C)	SIGNED	4	(0)	ENSURE ALIGNMENT
	LOCATE FCT ECF				
1132	(46C)	BITSTRING	1	LDAECF	LOCATE FCT'S ECF
	DEFINITION OF LDAECF				
		1...		LDALOCRQ	"X'80'" LOCATE REQUEST NEEDS TO BE PROCESSED (A LET HAS BEEN ADDED TO THE LET QUEUE)
		.1..		LDASTAR	"X'40'" STAGING AREA HAS BEEN ADDED TO THE DESTINATION QUEUE
		..1.		LDASBTSK	"X'20'" LOCATE SUBTASK HAS COMPLETED PROCESSING
		...1		LDARESTR	"X'10'" LOCATE RESTART PROCESSING IS REQUIRED
		.... 1...		LDASABND	"X'08'" LOCATE SUBTASK HAS ABENDED
		.... .1..		LDACANCL	"X'04'" JOB HAS BEEN CANCELLED
		.... ..1.		LDAECF02	"X'02'" RESERVED FLAG
		1		LDAECF01	"X'01'" RESERVED FLAG
	LOCATE DATA AREA FLAGS				
1133	(46D)	BITSTRING	1	LDAFLAG1	RECURSION FLAG
	DEFINITION OF LDAFLAG1				
		1...		LDARECUR	"X'80'" GENERAL RECURSION INDICATOR
		.1..		LDARJCAN	"X'40'" LDACANCL - JOB CANCEL
		..1.		LDARSTAR	"X'20'" LDASTAR - STAGING AREA
		...1		LDARLSPR	"X'10'" LDASBTSK - LOCATE SUBTASK COMP
		.... 1...		LDARLOCR	"X'08'" LDALOCRQ - NEW LOCATE REQUEST
		.... .1..		LDARABND	"X'04'" LDASABND - LOCATE SUBTASK ABND
		.... ..1.		LDARREST	"X'02'" LDARESTR - LOCATE RESTART
		1		LDARRTRY	"X'01'" LVINRTRY - RETRY PROCESSING
1134	(46E)	BITSTRING	1	LDAFLAG2	FLAG BYTE
	DEFINITION OF LDAFLAG2				
		1...		LDAFCMD	"X'80'" FIRST CANCEL COMMAND
		.1..		LDAQCMD	"X'40'" QUEUED CANCEL COMMAND
		..1.		LDACLVAT	"X'20'" IATLVAT IN CONTROL
		...1		LDADIE	"X'10'" DISABLE THE LOCATE FUNCTION

Table 437. Structure IATLVDA (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		LDANOATT	"X'08'" DO NOT ALLOW ATTACHES
		.... .1..		LDASBATT	"X'04'" AT LEAST ONE SBTASK ATTCHED 0203
		.... ..1.		LDAOKSCH	"X'02'" OKAY TO SCHEDULE LOCATES 0260
		1		LDAFL201	"X'01'" RESERVED FLAG
1135	(46F)	BITSTRING	1	LDAFLAG3	RESERVED FOR SERVICE
		DEFINITION OF LDAFLAG3			
		1...		LDAFL380	"X'80'" RESERVED FLAG
		.1..		LDAFL340	"X'40'" RESERVED FLAG
		..1.		LDAFL320	"X'20'" RESERVED FLAG
		...1		LDAFL310	"X'10'" RESERVED FLAG
		.... 1...		LDAFL308	"X'08'" RESERVED FLAG
		.... .1..		LDAFL304	"X'04'" RESERVED FLAG
		.... ..1.		LDAFL302	"X'02'" RESERVED FLAG
		1		LDAFL301	"X'01'" RESERVED FLAG
		LOCATE FCT TRACE/DEBUG INFORMATION RECOVERY PROCESSING FOR THE LOCATE FCT IS DEPENDENT UPON THE INFORMATION IN THE LDAFUNC, LDARCODE, LDATRACE AND LDAPARM FIELDS. HIERARCHY OF RECOVERY RULES: 1. LDAFUNC - DETERMINES LOCATE FUNCTION THAT WAS UNDER CONTROL AT TIME OF FAILURE. IF LDAFUNC IS ZERO THEN LDARCODE, LDATRACE AND LDAPARM ARE INSIGNIFICANT. 2. LDARCODE - INDICATES A REASON CODE IF A DM111 OCCURRED. IF ZERO IATLVIN HAS ENCOUNTERED A UNEXPECTED ABEND. 3. LDATRACE/LDAPARM - INDICATES TRACE INFORMATION FOR THE SUBFUNCTIONS UNDER THE MAJOR LOCATE FUNCTION (LDAFUNC). LDATRACE WILL INDICATE THE SUBFUNCTION STATE WHILE LDAPARM CONTAINS INFORMATION TO RECOVERY FROM AT THAT STATE.			
1136	(470)	SIGNED	4	LDAPARM	SPECIFIC FUNCTION TRACE PARAMETER, DEFINES INFO WHICH QUALIFIED BY LDATRACE REQUIRES RECOVERY PROCESSING
		LDAFUNC DEFINES THE SPECIFIC LOCATE WORK POST (FUNCTION) THAT IS UNDER CONTROL. IF LDAFUNC IS ZERO THEN IATLVIN IS NOT PROCESSING ANY OF THE LOCATE WORK POSTS.			
1140	(474)	BITSTRING	1	LDAFUNC	FUNCTION IDENTIFIER
		DEFINITION OF LDAFUNC			
1140	(474)	X'1'	0	LDAFJCAN	"1" LVINJCAN - JOB CANCEL
1140	(474)	X'2'	0	LDAFSTAR	"2" LVINSTAR - STAGING AREA
1140	(474)	X'3'	0	LDAFLSPR	"3" LVINLSPR - LOCATE SUBTASK COMP
1140	(474)	X'4'	0	LDAFLOCR	"4" LVINLOCR - NEW LOCATE REQUEST
1140	(474)	X'5'	0	LDAFABND	"5" LVINABND - LOCATE SUBTASK ABND
1140	(474)	X'6'	0	LDAFREST	"6" LVINREST - LOCATE RESTART PROCESSING
1140	(474)	X'7'	0	LDAFRTRY	"7" LVINRTRY - RETRY PROCESSING

Table 437. Structure IATLVDA (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		LDATRACE IS USED TO TRACE LOGIC UNDER A MAJOR FUNCTION (LDAFUNC). FOR EXAMPLE, IF LDATRACE IS SET TO LDATSLOC THEN THE LOCATE FCT IS PROCESSING A LOCATE REQUEST STAR. THE LDAPARM WILL DEFINE THE LET THAT REQUIRES RECOVERY PROCESSING.			
1141	(475)	BITSTRING	1	LDATRACE	TRACE FLAG
1141	(475)	X'1'	0	LDATLCRQ	"1" STAGING AREA LOCATE REQUEST
1141	(475)	X'2'	0	LDATLCRP	"2" STAGING AREA LOCATE RESPONSE
1141	(475)	X'3'	0	LDATJOBC	"3" STAGING AREA JOB CANCEL
1141	(475)	X'4'	0	LDATJBCC	"4" STAGING AREA JOB CANCEL CMPLT
1141	(475)	X'5'	0	LDATWRTC	"5" WRTCHAIN PROCESSING
1141	(475)	X'6'	0	LDATNLCP	"6" NO LCP JOB ENTRY PROCESSING
		LDARCODE/LDARTRYC DEFINE THE DM111 REASON CODES. IF IATLVIN ENCOUNTERS AN DM111 CONDITION THE FOLLOWING IS DONE: 1. REGISTER 2 IS SET TO THE DM111 REASON CODE SO THAT THE IAT3713 BANNER SHOWS THE PROBLEM. 2. LDARCODE IS SET TO THE DM111 REASON CODE SO THAT LVINRTRY KNOWS ABOUT THE UNIQUE ABEND. 3. LVINRTRY MOVES THE ABEND CODE FROM LDARCODE TO LDARTRYC AND LDARCODE IS CLEARED. THIS IS DONE SO THAT A SUBSEQUENT ABEND IN LVINRTRY WILL CAUSE RECURSION PROCESSING TO RECOVER FOR THE PREVIOUS ERROR.			
1142	(476)	BITSTRING	1	LDARCODE	ABEND REASON CODE
1143	(477)	BITSTRING	1	LDARTRYC	COPIED ABEND REASON CODE USED IN SUBROUTINE LVINRTRY
1143	(477)	X'1'	0	LDAANLCT	"1" NO LCT ADDRESS WHEN LET ENTRY INDICATES SCHEDULED
1143	(477)	X'2'	0	LDAASEQZ	"2" STAGING AREA SPECIFIES ZERO SEQUENCE NUMBER
1143	(477)	X'3'	0	LDAASEQE	"3" STAGING AREA SPECIFIES AN EXISTING SEQUENCE NUMBER
1143	(477)	X'4'	0	LDAANLET	"4" NO LET ENTRY ON CHAIN TO DEQUEUE
1143	(477)	X'5'	0	LDAAISTA	"5" INVALID STAGING AREA FOUND
1143	(477)	X'6'	0	LDAAWRTC	"6" WRTCHAIN ERROR CHECKPOINTING THE LCP
1143	(477)	X'7'	0	LDAANOCP	"7" NO LCP CHECKPOINT DATASET
1143	(477)	X'8'	0	LDAANLCP	"8" NO LCP JOB ENTRY EXISTED FOR CHECKPOINT
1143	(477)	X'9'	0	LDAANSCH	"9" LOCATE SUBTASK ATTACHED BUT NO SCHEDULE OCCURRED
1143	(477)	X'A'	0	LDAAICIC	"10" INVALID CI FSS CANCEL COMMAND
1143	(477)	X'B'	0	LDAALSNF	"11" AN AVAILABLE LSVT ENTRY COULD NOT BE FOUND WHEN ATTEMPTING TO INITIALIZE A LOCATE SUBTASK
1143	(477)	X'C'	0	LDAAMAFL	"12" MASTER SUBTASK ATTACH FAILURE
1143	(477)	X'D'	0	LDAANGBL	"13" NO GLOBAL MPC FOUND
1143	(477)	X'E'	0	LDAAILCT	"14" INVALID LCT ADDRESS
1143	(477)	X'F'	0	LDAASXM1	"15" ERROR IN IATSSXM ON GLOBAL WHILE ATTEMPTING TO FREE STAGING AREAS DESTINED FOR LOCAL PROCESSOR (FUNCTION CODE SSXELV01)

Table 437. Structure IATLVDA (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1143	(477)	X'10'	0	LDAASXM2	"16" ERROR IN IATSSXM ON LOCAL WHILE ATTEMPTING TO FREE INACTIVE LOCATE STAGING AREAS DESTINED FOR THE GLOBAL (FUNCTION CODE SSXELV02)

```
        LOCATE FCT MESSAGE LIST AREA
LDAOUTM MESSAGE TEXT=LDAOMSG,
              MF=L
       $T6=z1.13.0 HJS7780 110309 PD0TN: z 1.13.0
```

1144	(478)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
1144	(478)	ADDRESS	4	LDAOUTM	Text Address
1148	(47C)	BITSTRING	2		Destination Disp and Mask
1150	(47E)	BITSTRING	1		ACTION flag
1151	(47F)	ADDRESS	1		Options Flag
1152	(480)	BITSTRING	2		Descriptor Codes
1154	(482)	SIGNED	2		Reserved 2 Bytes
1156	(484)	BITSTRING	17		Routing Codes
1173	(495)	BITSTRING	1	(3)	Reserved
1176	(498)	BITSTRING	1	(8)	Jobid
1184	(4A0)	BITSTRING	1	(8)	Jobname
1192	(4A8)	BITSTRING	1	(8)	Key
1200	(4B0)	ADDRESS	4		CNDB Address 1
1204	(4B4)	ADDRESS	4		CNDB Address 2
1208	(4B8)	ADDRESS	4		CNDB Address 3
1212	(4BC)	ADDRESS	4		CNDB Address 4
1216	(4C0)	ADDRESS	4		CNDB Address 5
1220	(4C4)	ADDRESS	4		MLWO Address
1224	(4C8)	BITSTRING	121	LDAOMSG(0)	OUTPUT MESSAGE AREA 0268
1224	(4C8)	BITSTRING	1	LDAMSIZE	MESSAGE SIZE
1225	(4C9)	BITSTRING	120	LDAMTEXT	MESSAGE TEXT 0268
1348	(544)	SIGNED	4	LDAEND(0)	END OF LOCATE DATA AREA
1348	(544)	X'544'	0	LDASIZE	"LDAEND-LDASTART" SIZE OF LOCATE DATA AREA

```
        MISCELLANEOUS EQUATES
```

1348	(544)	X'3'	0	LDACFLSB	"3" INITIAL NO. OF LOCATE SUBTASKS TO ATTACH IN A C/I FSS ADDRESS SPACE
1348	(544)	X'5'	0	LDAGLLSB	"5" INITIAL NO. OF LOCATE SUBTASKS TO ATTACH IN THE JES3 GLOBAL OR A JES3 LOCAL ADDRESS SPACE
1348	(544)	X'F'	0	LDAMXLJB	"15" MAXIMUM NUMBER OF JOBS THAT CAN BE SENT TO A JES3 LOCAL ADDRESS SPACE
1348	(544)	X'A'	0	LDAMXTSK	"10" MAXIMUM NO. OF LOCATE SUBTASKS THAT CAN BE ATTACHED

Table 438. Cross Reference for IATYLDA

Name	Offset	Hex Tag
IATLVDA	0	
LDAAICIC	477	A
LDAAILCT	477	E

Table 438. Cross Reference for IATYLDA (continued)

Name	Offset	Hex Tag
LDAAISTA	477	5
LDAALSNF	477	B
LDAAMAFL	477	C
LDAANGBL	477	D
LDAANLCP	477	8
LDAANLCT	477	1
LDAANLET	477	4
LDAANOCP	477	7
LDAANSCH	477	9
LDAASEQE	477	3
LDAASEQZ	477	2
LDAASXM1	477	F
LDAASXM2	477	10
LDAATIME	94	F
LDAATMIN	94	35A
LDAATPRM	2A0	0
LDAATTCT	DC	0
LDAATTT	C0	C0
LDAATTTM	C0	0
LDAAWRTC	477	6
LDAAWTRQ	D8	0
LDACANCL	46C	4
LDACCLCA	1C0	0
LDACFLSB	544	3
LDACLVAT	46E	20
LDACNLCA	194	0
LDACURTM	D0	0
LDACURW1	D0	D0
LDADDCNT	20C	0
LDADETT	C8	C8
LDADETTM	C8	0
LDADIE	46E	10
LDADTIME	94	1E
LDADTMIN	94	6B4
LDAECF	46C	0
LDAECF01	46C	1
LDAECF02	46C	2
LDAEND	544	
LDAFABND	474	5
LDAFCMD	46E	80
LDAFJCAN	474	1
LDAFLAG1	46D	0
LDAFLAG2	46E	0
LDAFLAG3	46F	0
LDAFLOCR	474	4
LDAFLSPR	474	3

Table 438. Cross Reference for IATYLDA (continued)

Name	Offset	Hex Tag
LDAFL201	46E	1
LDAFL301	46F	1
LDAFL302	46F	2
LDAFL304	46F	4
LDAFL308	46F	8
LDAFL310	46F	10
LDAFL320	46F	20
LDAFL340	46F	40
LDAFL380	46F	80
LDAFREST	474	6
LDAFRTRY	474	7
LDAFSTAR	474	2
LDAFUNC	474	0
LDAGLLSB	544	5
LDAJOBNE	1F8	40404040
LDAJOBNO	1F4	0
LDAJOBNS	200	0
LDALCFCT	38	
LDALCPFD	294	0
LDALCR	40	
LDALCT	24	
LDALETQ	34	
LDALOCAP	3C	
LDALOCRQ	46C	80
LDALRLCA	E0	0
LDALSVT	2C	
LDALVAT	30	
LDAMAINS	1EC	0
LDAMGTXT	324	
LDAMLCT	28	
LDAMSIZE	4C8	0
LDAMTEXT	4C9	0
LDAMXLJB	544	F
LDAMXTSK	544	A
LDANOATT	46E	8
LDAOKSCH	46E	2
LDAOMSG	4C8	
LDAOUTM	478	
LDAPARM	470	0
LDAQCMD	46E	40
LDARABND	46D	4
LDARCODE	476	0
LDARECUR	46D	80
LDARESTR	46C	10
LDARJCAN	46D	40
LDARLOCR	46D	8

Table 438. Cross Reference for IATYLDA (continued)

Name	Offset	Hex Tag
LDARLSPR	46D	10
LDARMAIN	1F0	FFFFFFFF
LDARREST	46D	2
LDARRTRY	46D	1
LDARSTAR	46D	20
LDARSVDD	44	
LDARSVDH	DE	0
LDARSVDS	6C	
LDARSVDU	94	
LDARTRYC	477	0
LDARVDD1	2AC	0
LDARVDS1	2D4	0
LDARVDU1	2FC	0
LDASABND	46C	8
LDASAVE1	210	0
LDASAVE2	214	0
LDASBATT	46E	4
LDASBTSK	46C	20
LDASIZE	544	544
LDASREG1	218	0
LDASREG2	24C	0
LDASSAVE	204	0
LDASSIZE	208	0
LDASTAR	46C	40
LDASTART	0	
LDATJBCC	475	4
LDATJOBC	475	3
LDATLCRP	475	2
LDATLCRQ	475	1
LDATNLCP	475	6
LDATRACE	475	0
LDATWRTC	475	5
LDAWTFAC	D8	2

IATYLMLC information

IATYLMLC programming interface information

IATYLMLC is a programming interface.

IATYLMLC heading information

Common name: Local Module Load and Call Request Area

Macro ID: IATYLMLC

DSECT name: LMLCSTRT

Owning component: JES3 (SC1BA)

Eye-catcher ID:	LMLC Offset: 0 Length: 4
Storage attributes:	Main Storage: Any Subpool: 0 Key: 0 Data Space: None
Size:	LMLC SIZE bytes
Created by:	Callers of JSERV to the DSTLMLC destq
Pointed to by:	Embedded in IATYSTA
Serialization:	None
Function:	This macro contains the Local Module Load and Call Area within a staging area and represents a module that the global wishes the local to invoke to perform a unit of work.

IATYLMLC mapping

Table 439. Structure LMLCSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	LMLCSTRT	
0	(0)	ADDRESS	2	LMLCLEN	Length of entire LMLC (including parameter string) - used for JSERV
2	(2)	CHARACTER	4	LMLCID	Eye catcher
6	(6)	ADDRESS	1	LMLCVER	Version number
6	(6)	X'1'	0	LMLCVR01	"1" Initial version
6	(6)	X'1'	0	LMLCCVER	"LMLCVR01" Current version
7	(7)	ADDRESS	1	LMLCRV01	Reserved for IBM
8	(8)	CHARACTER	8	LMLCMOD	Name of module to be called
16	(10)	SIGNED	4	LMLCRV02	Reserved for IBM
20	(14)	SIGNED	4	LMLCRV03	Reserved for IBM
24	(18)	SIGNED	4	LMLCRV04	Reserved for IBM
28	(1C)	SIGNED	4	LMLCRV05	Reserved for IBM
32	(20)	CHARACTER	1	LMLCPARM(0)	Start of parameter string (variable)
32	(20)	X'20'	0	LMLCFSIZ	"LMLCPARM-LMLCSTRT" Size of LMLC fixed section

Table 440. Cross Reference for IATYLMLC

Name	Offset	Hex Tag
LMLCCVER	6	1
LMLCFSIZ	20	20
LMLCID	2	
LMLCLEN	0	
LMLCMOD	8	
LMLCPARM	20	
LMLCRV01	7	
LMLCRV02	10	
LMLCRV03	14	
LMLCRV04	18	
LMLCRV05	1C	
LMLCSTRT	0	
LMLCVER	6	

Table 440. Cross Reference for IATYLMLC (continued)

Name	Offset	Hex Tag
LMLCVR01	6	1

IATYLRS information

IATYLRS programming interface information

The following field is **NOT** programming interface information:

- LRSDSSEQ

IATYLRS heading information

Common name: LOCATE RESPONSE

Macro ID: IATYLRS

DSECT name: LRSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: LRS
Offset: 0
Length: 4

Storage attributes: Main Storage: SUBPOOL 0, STAGING AREA
Auxiliary Storage: N/A

Size: 64 Bytes

Created by: IATIIP0X
IATLVIN
IATLVLC

Pointed to by: IDDCLRS IN IATYIDD
LCTLRS IN IATYLCT
LCTLRSLA IN IATYLCT
LCTLRSWK IN IATYLCT
LETLRS IN IATYLET
LRSNEXT IN IATYLRS

Serialization: None

Function: The LRS contains information that is returned to the requestor of locate services. This includes:
(1) Information from the catalog pertaining to a particular dataset
(2) Error information if a locate request fails
(3) Job related information

IATYLRS mapping

Table 441. Structure LRSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	LRSTART	
0	(0)	SIGNED	4	LRSHDR(0)	LOCATE RESPONSE HEADER
0	(0)	SIGNED	2	LRSSIZE	TOTAL SIZE OF RESPONSE AREA
2	(2)	SIGNED	2	LRSDISP1	DISPLACEMENT OF FIRST LRS FIXED ENTRY OR ZERO IF NONE IN THIS LRS BUFFER
4	(4)	CHARACTER	4	LRSID	CONTROL BLOCK ID
8	(8)	ADDRESS	4	LRSNEXT	ADDRESS OF NEXT LRS
12	(C)	SIGNED	4	LRSJOBNO	BINARY JOB NUMBER
16	(10)	SIGNED	2	LRSSEQNO	LRS SEQUENCE NUMBER
18	(12)	BITSTRING	1	LRSHFLG	HEADER FLAG BYTE

Table 441. Structure LRSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF LRSHFLG			
		1...		LRSCAERR	"X'80'" CATALOG ALLOCATE ERROR
		.1..		LRSENDJB	"X'40'" LRS BUFFER REPRESENTS THE END OF LOCATE PROCESSING FOR THIS JOB
		..1.		LRSLSABN	"X'20'" LOCATE SUBTASK ABENDED WHILE PROCESSING THIS JOB
		...1		LRSGDGRN	"X'10'" GDG QUALIFIER ERROR
		.... 1...		LRSHFL08	"X'08'" RESERVED FLAG
		.... .1..		LRSHFL04	"X'04'" RESERVED FLAG
		.... ..1.		LRSHFL02	"X'02'" RESERVED FLAG
		1		LRSHFL01	"X'01'" RESERVED FLAG
19	(13)	BITSTRING	1	LRSRSVD1	RESERVED FOR DEVELOPMENT
20	(14)	SIGNED	4	LRSCAERC(0)	CATALOG ALLOCATION ERROR RETURN AND REASON CODES, VALID IF LRSCAERR IS SET
20	(14)	SIGNED	2	LRSCAERT	CATALOG ALLOCATION ERROR RETURN CODE
22	(16)	SIGNED	2	LRSCAERS	CATALOG ALLOCATION ERROR REASON CODE
24	(18)	SIGNED	4	LRSRSVS	RESERVED FOR SERVICE
28	(1C)	SIGNED	4	LRSHEND(0)	END OF RESPONSE HEADER
28	(1C)	X'1C'	0	LRSHSIZE	"LRSHEND-LRSHDR" SIZE OF LRS HEADER
		INDIVIDUAL RESPONSE AREA - Each response area contains a fixed entry plus one or more variable length data entries. - Beginning with V2R2, the fixed entry has been extended. Flag LRSFIXEX will indicate that the extended version is in use and field LRSXFXLN will contain the fixed entry length. - For an LRS generated by a previous level of JES3, the flag LRSFIXEX will not be set and the equate LRSFXLEN can be used for the length. - THE TYPE OF DATA ENTRY IS INDICATED BY LRSKEYD			
28	(1C)	SIGNED	4	LRSENTRY(0)	INDIVIDUAL RESPONSE ENTRY
28	(1C)	SIGNED	2	LRSDISP	DISPLACEMENT OF NEXT LRS FIXED ENTRY FROM BEGINNING OF THE LRS BUFFER
30	(1E)	SIGNED	2	LRSRECN	LVS NUMBER OF THE REQUEST
32	(20)	BITSTRING	1	LRSFLG1	FLAG BYTE
		DEFINITION OF LRSFLG1			
		1...		LRSRERR	"X'80'" ERROR IN LOCATE INPUT DATA
		.1..		LRSGDG	"X'40'" GDG ALL REQUEST
		..1.		LRSPASS	"X'20'" PASSWORD FAILURE
		...1		LRSABRT	"X'10'" REQUEST ABORTED
		.... 1...		LRSIOER	"X'08'" I/O ERROR SEARCHING CATALOG
		.... .1..		LRSNOUN	"X'04'" NO UNIT TYPE AVAILABLE
		.... ..1.		LRSCVOL	"X'02'" CATALOG NOT AVAILABLE
		1		LRSNF	"X'01'" DSN NOT FOUND IN CATALOG
33	(21)	BITSTRING	1	LRSFLG2	FLAG BYTE 2
		DEFINITION OF LRSFLG2			

Table 441. Structure LRSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		LRSLFXBF	"X'80'" LRS FIXED ENTRY IS THE LAST LRS ENTRY IN THE CURRENT LRS BUFFER
		.1..		LRSLFXRQ	"X'40'" LRS FIXED ENTRY IS THE LAST LRS ENTRY FOR THE CURRENT LOCATE REQUEST (LVS)
		..1.		LRSRFDNF	"X'20'" THE REFERENCED DATASET OF VOL=REF REQUEST WAS NOT FOUND. THIS FLAG IS SET WHEN LRSNF IS SET.
		...1		LRSDMYNF	"X'10'" THIS IS A DUMMY LOCATE RESPONSE BUILT AS A RESULT OF A DATA SET NOT FOUND CONDITION
		.... 1...		LRSSPBUF	"X'08'" ONE OR MORE OF THE LRS DATA ENTRIES ASSOCIATED WITH THIS LRS FIXED ENTRY SPAN INTO THE NEXT BUFFER(S).
		.... .1..		LRSFIXEX	"X'04'" LRS extended fixed entry is used
		.... ..1.		LRSFL202	"X'02'" RESERVED FLAG
		1		LRSFL201	"X'01'" RESERVED FLAG
34	(22)	BITSTRING	1	LRSFLG3	FLAG BYTE 3
		DEFINITION OF LRSFLG3			
		1...		LRSHSME1	"X'80'" HSM CATALOG LOCATE ERROR
		.1..		LRSHSME2	"X'40'" HSM ERROR
		..1.		LRSSMSDS	"X'20'" SMS MANAGED DATASET
		...1		LRSSMSMM	"X'10'" SMS MANAGED MOUNTABLE
		.... 1...		LRSLIST	"X'08'" ENTRY HAS A LIST INDEX
		.... .1..		LRSUSJCL	"X'04'" USE THE INFORMATION SPECIFIED IN THE JCL
		.... ..1.		LRSFL302	"X'02'" RESERVED FLAG
		1		LRSFL301	"X'01'" RESERVED FLAG
35	(23)	CHARACTER	1	LRSLRC	LOCATE RETURN CODE OR UNIT VERIFICATION RETURN CODE
		DEFINITION OF LRSLRC (CATALOG MGMT. ERRORS ONLY).			
35	(23)	X'4'	0	LRSCOPEN	"4" CATALOG OPEN FAILURE
35	(23)	X'8'	0	LRSENTNX	"8" ENTRY DOES NOT EXIST
35	(23)	X'18'	0	LRSERRIO	"24" I/O ERROR
35	(23)	X'20'	0	LRSBPARM	"32" BAD PARAMETER LIST
35	(23)	X'24'	0	LRSCATNE	"36" CATALOG NEEDED
35	(23)	X'28'	0	LRSLGRVL	"40" LARGER VOLUME LIST (CTGVL) IS NEEDED
35	(23)	X'2C'	0	LRSWRKAR	"44" WORK AREA FAILURE
35	(23)	X'38'	0	LRSPASWD	"56" PASSWORD PROTECTION ERROR
35	(23)	X'44'	0	LRSOCVOL	"68" OS CVOL NEEDED
35	(23)	X'74'	0	LRSCABAL	"116" CATALOG "OUT OF BALANCE"
35	(23)	X'78'	0	LRSGDGQE	"120" GDG QUALIFIER ERROR
35	(23)	X'BC'	0	LRSTPCNO	"188" STEPCAT NOT OPEN
35	(23)	X'D6'	0	LRSEHSM2	"214" HSM RELATED ERROR (TYPE 2)
35	(23)	X'DA'	0	LRSEHSM1	"218" HSM RELATED ERROR (TYPE 1)
36	(24)	CHARACTER	1	LRSHSMRC	SECOND RETURN CODE (FOR HSM ERRORS)

Table 441. Structure LRSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
37	(25)	BITSTRING	1	LRSGDLIM	Compatable GDG limit from catalog management. Maximum value of 255.
38	(26)	SIGNED	2	LRSDSSEQ	DATA SET SEQUENCE NUMBER
38	(26)	SIGNED	2	LRSLSTEN	INDEX OF IJS LIST ENTRY
38	(26)	X'C'	0	LRSFXLEN	"*-LRSENTRY" Length of LRS fixed entry for previous levels. Extended area not used.
		Fixed entry extension. - Exists when flag LRSFIXEX is set. - Use field LRSXFXLN rather than equate LRSFXLEN for the length of the LRS fixed entry.			
40	(28)	SIGNED	2	LRSXFXLN	Length of LRS fixed entry
42	(2A)	SIGNED	2	LRSGDLME	GDG limit from catalog management (GDGLIMTE)
44	(2C)	SIGNED	4	LRSXRSVD	Reserved for IBM
48	(30)	BITSTRING	1	LRSFXEND(0)	END OF FIXED LRS ENTRY
48	(30)	X'14'	0	LRSXFXSZ	"LRSFXEND-LRSENTRY" Size of extended LRS fixed entry
		LRS DATA ENTRY FORMAT - COMMON SECTION			
48	(30)	BITSTRING	1	LRSDATA(0)	START OF RESPONSE DATA
48	(30)	CHARACTER	1	LRSKEYD	KEY TYPE
		DEFINITION OF LRSKEYD			
48	(30)	X'1'	0	LRSMSGK	"1" VARIABLE LENGTH MESSAGE FOLLOWS
48	(30)	X'2'	0	LRSEOJK	"2" END-OF-JOB DATA FOLLOWS
48	(30)	X'3'	0	LRSDSNK	"3" 44 BYTE DSNAME FOLLOWS
48	(30)	X'4'	0	LRSVOLK	"4" 6 BYTE VOLUME SERIAL FOLLOWS
48	(30)	X'5'	0	LRSUNITK	"5" 8 BYTE UNIT TYPE FOLLOWS
48	(30)	X'6'	0	LRSSERRK	"6" SMS ERROR INFORMATION FOLLOWS
48	(30)	X'7'	0	LRSSTCLK	"7" STORAGE CLASS INFORMATION FOLLOWS
48	(30)	X'8'	0	LRSDTCLK	"8" DATA CLASS INFORMATION FOLLOWS
48	(30)	X'9'	0	LRSMGCLK	"9" MANAGEMENT CLASS INFORMATION FOLLOWS
48	(30)	X'A'	0	LRSUNITL	"10" UNITNAME LIST FOLLOWS
49	(31)	BITSTRING	1	LRSEXTCT	MISCELLANEOUS COUNT FIELD
50	(32)	BITSTRING	1	LRSDFLG1	DATA FLAG BYTE ONE
		DEFINITION OF LRSDFLG1			
		1...		LRSLDTBF	"X'80'" LRS DATA ENTRY IS THE LAST LRS ENTRY IN THE CURRENT LRS BUFFER
		.1..		LRSLDTRQ	"X'40'" LRS DATA ENTRY IS THE LAST LRS ENTRY FOR THE CURRENT LOCATE REQUEST (LVS). FOR GDG-ALL REQUESTS, THIS IS THE LAST LRS ENTRY FOR THE CURRENT GENERATION.
		..1.		LRSMMNCT	"X'20'" SMS MANAGED MOUNTABLE, LRS CONTAINS UNIT INFORMATION ONLY. (VOL=SER SPECIFIED)
		...1		LRSULIST	"X'10'" THERE'S A UNITNAME LIST ENTRY FOR THIS REQUEST

Table 441. Structure LRSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		LRSDF208	"X'08'" RESERVED FLAG
		.... .1..		LRSDF204	"X'04'" RESERVED FLAG
		.... ..1.		LRSDF202	"X'02'" RESERVED FLAG
		1		LRSDF201	"X'01'" RESERVED FLAG
51	(33)	BITSTRING	1	LRSDRSVD	RESERVED FOR DEVELOPMENT
52	(34)	CHARACTER	2	LRSENTCT	COUNT OF DATA AREAS FOLLOWING
54	(36)	BITSTRING	1	LRSDACEN(0)	END OF LRS DATA COMMON SECTION
54	(36)	X'6'	0	LRSDACLN	"*-LRSDATA" LENGTH OF LRS DATA COMMON SECTION
		LRS UNIT ENTRY DATA			
54	(36)	CHARACTER	8	LRSUNITD	UNIT TYPE
54	(36)	X'E'	0	LRSUNLEN	"*-LRSDATA" LRS UNIT ENTRY LENGTH
		LRS DATASET ENTRY DATA			
54	(36)	CHARACTER	44	LRSDSND	DATASET NAME
98	(62)	CHARACTER	8	LRSDSNQ	GDG DATASET RELATIVE LEVEL
98	(62)	X'3A'	0	LRSDSLEN	"*-LRSDATA" LRS DATASET NAME ENTRY LENGTH
		LRS VOLUME ENTRY DATA NOTE: LRSENTCT CONTAINS THE NUMBER OF VOLSERS.			
54	(36)	CHARACTER	6	LRSVOLD	VOLUME SERIAL NUMBER
54	(36)	X'C'	0	LRSVOLEN	"*-LRSDATA" LRS VOLUME ENTRY LENGTH
		LRS MESSAGE ENTRY DATA NOTE: LRSENTCT CONTAINS THE NUMBER OF MESSAGES.			
54	(36)	BITSTRING	2	LRSLNMSG	LENGTH OF MESSAGE
56	(38)	BITSTRING	1	LRSMSG(0)	VARIABLE LENGTH MESSAGE
56	(38)	X'8'	0	LRSMSGLN	"*-LRSDATA" LRS MESSAGE ENTRY LENGTH
		LRS END-OF-JOB ENTRY DATA			
54	(36)	BITSTRING	6	LRSSSFSP	FIRST SPOOL ADDRESS OF SMS SCHEDULING INFORMATION DATASET
60	(3C)	BITSTRING	6	LRSSSLSP	LAST SPOOL ADDRESS OF SMS SCHEDULING INFORMATION DATASET
66	(42)	BITSTRING	1	LRSRAB	RECORD ALLOCATION BLOCK (RAB)
66	(42)	X'82'	0	LRSEOJLN	"*-LRSDATA" LRS END-OF-JOB ENTRY LENGTH
		LRS SMS ERROR ENTRY DATA			
54	(36)	BITSTRING	1	LRSSFUNC	SMS FUNCTION THAT ENCOUNTERED THE ERROR
		DEFINITION OF LRSSFUNC			
		1...		LRSSMCAT	"X'80'" SMS CATALOG SERVICES
		.1..		LRSSMVRF	"X'40'" SMS VOLREF SERVICES
55	(37)	BITSTRING	1	LRSSRSVD	RESERVED FOR DEVELOPMENT
56	(38)	SIGNED	4	LRSSRETC	SMS RETURN CODE

Table 441. Structure LRSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
60	(3C)	SIGNED	4	LRSSREAS	SMS REASON CODE
64	(40)	SIGNED	4	LRSSPAFR	JES3 SPOOL ACCESS FACILITY RETURN CODE
68	(44)	SIGNED	4	LRSFSRET	FAILING SERVICE RETURN CODE
72	(48)	SIGNED	4	LRSFSRES	FAILING SERVICE REASON CODE
72	(48)	X'1C'	0	LRSSERLN	"*-LRSDATA" LRS SMS ERROR ENTRY LENGTH
	LRS STORAGE CLASS DATA				
54	(36)	BITSTRING	2	LRSLNSTC	LENGTH OF STORAGE CLASS
56	(38)	BITSTRING	1	LRSSTRCL(0)	VARIABLE LENGTH STORAGE CLASS
56	(38)	X'8'	0	LRSSTCLN	"*-LRSDATA" LRS STORAGE CLASS ENTRY LENGTH
	LRS DATA CLASS DATA				
54	(36)	BITSTRING	2	LRSLNDTC	LENGTH OF DATA CLASS
56	(38)	BITSTRING	1	LRSDATCL(0)	VARIABLE LENGTH DATA CLASS
56	(38)	X'8'	0	LRSDTCLN	"*-LRSDATA" LRS DATA CLASS ENTRY LENGTH
	LRS MANAGEMENT CLASS DATA				
54	(36)	BITSTRING	2	LRSLNMGC	LENGTH OF MANAGEMENT CLASS
56	(38)	BITSTRING	1	LRSMGMCL(0)	VARIABLE LENGTH MANAGEMENT CLASS
56	(38)	X'8'	0	LRSMGCLN	"*-LRSDATA" LRS MANAGEMENT CLASS ENTRY LENGTH
	LRS UNITNAME LIST DATA NOTE: LRSENTCT CONTAINS THE NUMBER OF UNITNAMES				
54	(36)	CHARACTER	8	LRSULNAM	UNIT NAME
54	(36)	X'E'	0	LRSULLEN	"*-LRSDATA" LRS UNITNAME LIST LENGTH
	MISCELLANEOUS INFORMATION COMBINED FLAG EQUATES FOR IATIIP0X CHECKING				
178	(B2)	X'B9'	0	LRSERR1A	"LRSRERR+LRSPASS+LRSABRT+LRSIOER+LRSNF"
178	(B2)	X'6'	0	LRSERR1B	"LRSNOUN+LRSCVOL"
178	(B2)	X'C0'	0	LRSERR2	"LRSHSME1+LRSHSME2"
178	(B2)	X'BF'	0	LRSERR1	"LRSERR1A+LRSERR1B" 30

Table 442. Cross Reference for IATYLRS

Name	Offset	Hex Tag
LRSABRT	20	10
LRSBPARM	23	20
LRSCABAL	23	74
LRSCAERC	14	
LRSCAERR	12	80
LRSCAERS	16	0
LRSCAERT	14	0
LRSCATNE	23	24

Table 442. Cross Reference for IATYLRS (continued)

Name	Offset	Hex Tag
LRSCOPEN	23	4
LRSCVOL	20	2
LRSDACEN	36	
LRSDACLN	36	6
LRSDATA	30	
LRSDATCL	38	
LRSDFLG1	32	
LRSDF201	32	1
LRSDF202	32	2
LRSDF204	32	4
LRSDF208	32	8
LRSDISP	1C	
LRSDISP1	2	
LRSDMYNF	21	10
LRSDRSVD	33	
LRSDSLEN	62	3A
LRSDSND	36	
LRSDSNK	30	3
LRSDSNQ	62	
LRSDSSEQ	26	
LRSDTCLK	30	8
LRSDTCLN	38	8
LRSEHSM1	23	DA
LRSEHSM2	23	D6
LRSENDJB	12	40
LRSENTCT	34	
LRSENTNX	23	8
LRSENTRY	1C	
LRSEOJK	30	2
LRSEOJLN	42	82
LRSERRIO	23	18
LRSERR1	B2	BF
LRSERR1A	B2	B9
LRSERR1B	B2	6
LRSERR2	B2	C0
LRSEXTCT	31	
LRSFIXEX	21	4
LRSFLG1	20	
LRSFLG2	21	
LRSFLG3	22	
LRSFL201	21	1
LRSFL202	21	2
LRSFL301	22	1
LRSFL302	22	2
LRSFSRES	48	0
LRSFSRET	44	0

Table 442. Cross Reference for IATYLRS (continued)

Name	Offset	Hex Tag
LRSFXEND	30	
LRSFXLEN	26	C
LRSGDG	20	40
LRSGDGQE	23	78
LRSGDGRN	12	10
LRSGDLIM	25	
LRSGDLME	2A	
LRSHDR	0	
LRSHEND	1C	
LRSHFLG	12	
LRSHFL01	12	1
LRSHFL02	12	2
LRSHFL04	12	4
LRSHFL08	12	8
LRSHSIZE	1C	1C
LRSHSME1	22	80
LRSHSME2	22	40
LRSHSMRC	24	
LRSID	4	D3D9E240
LRSIOER	20	8
LRSJOBNO	C	0
LRSKEYD	30	
LRSLDTBF	32	80
LRSLDTRQ	32	40
LRSLFXBF	21	80
LRSLFXRQ	21	40
LRSLGRVL	23	28
LRSLIST	22	8
LRSLNDTC	36	
LRSLNMGC	36	
LRSLNMSG	36	
LRSLNSTC	36	
LRSLRC	23	
LRSLSABN	12	20
LRSLSTEN	26	
LRSMGCLK	30	9
LRSMGCLN	38	8
LRSMGMCL	38	
LRSMMNCT	32	20
LRSMSG	38	
LRSMSGK	30	1
LRSMSGLN	38	8
LRSNEXT	8	
LRSNF	20	1
LRSNOUN	20	4
LRSOCVOL	23	44

Table 442. Cross Reference for IATYLRS (continued)

Name	Offset	Hex Tag
LRSPASS	20	20
LRSPASWD	23	38
LRSRAB	42	
LRSRECN	1E	
LRSRERR	20	80
LRSRFDNF	21	20
LRSRSVD1	13	0
LRSRSVS	18	0
LRSSEQNO	10	0
LRSSERLN	48	1C
LRSSERRK	30	6
LRSSFUNC	36	
LRSSIZE	0	
LRSSMCAT	36	80
LRSSMSDS	22	20
LRSSMSMM	22	10
LRSSMVRF	36	40
LRSSPAFR	40	0
LRSSPBUF	21	8
LRSSREAS	3C	0
LRSSRETC	38	0
LRSSRSVD	37	
LRSSSFSP	36	
LRSSSLSP	3C	
LRSSTCLK	30	7
LRSSTCLN	38	8
LRSSTRCL	38	
LRSTART	0	
LRSTPCNO	23	BC
LRSULIST	32	10
LRSULLEN	36	E
LRSULNAM	36	
LRSUNITD	36	
LRSUNITK	30	5
LRSUNITL	30	A
LRSUNLEN	36	E
LRSUSJCL	22	4
LRSVOLD	36	
LRSVOLEN	36	C
LRSVOLK	30	4
LRSWRKAR	23	2C
LRSXFXLN	28	
LRSXFXSZ	30	14
LRSXRSVD	2C	

IATYLSVT information

IATYLSVT heading information

Common name:	Locate Subtask Vector Table
Macro ID:	IATYLSVT
DSECT name:	LSVTSTRT, LSVTNTRY
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	LSVT Offset: 0 Length: 4
Storage attributes:	Main Storage: Subpool 0 Auxiliary Storage: N/A
Size:	LSVTHSIZ - Size of LSVT Header LSVTESIZ - Size of LSVT Entry
Created by:	LVAT
Pointed to by:	LDALSVT IN IATYLDA
Serialization:	None
Function:	

IATYLSVT mapping

Table 443. Structure LSVTSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	LSVTSTRT	, Locate Subtask Vector Table
0	(0)	CHARACTER	4	LSVTID	Control Block Identifier
4	(4)	SIGNED	4	LSVTHRSD(2)	Reserved for Development
12	(C)	SIGNED	4	LSVTHRSS(2)	Reserved for Service
20	(14)	SIGNED	4	LSVTHEND(0)	End of LSVT Header
20	(14)	X'14'	0	LSVTHSIZ	"LSVTHEND-LSVTSTRT" Size of LSVT Header

Table 444. Structure LSVTNTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	LSVTNTRY	, Locate Subtask Vector Table Entry
0	(0)	ADDRESS	4	LSVTLCT	Locate Subtask Control Table (LCT) Address. A fullword of X"FFFFFFFF" indicates the end of the LSVT.
4	(4)	ADDRESS	4	LSVTTCB	Locate Subtask TCB Address
8	(8)	SIGNED	4	LSVTEEND(0)	End of LSVT Entry
8	(8)	X'8'	0	LSVTESIZ	"LSVTEEND-LSVTNTRY" Size of LSVT Entry

Table 445. Cross Reference for IATYLSVT

Name	Offset	Hex Tag
LSVTEEND	8	
LSVTESIZ	8	8
LSVTHEND	14	
LSVTHRSD	4	0
LSVTHRSS	C	0
LSVTHSIZ	14	14

Table 445. Cross Reference for IATYLSVT (continued)

Name	Offset	Hex Tag
LSVTID	0	D3E2E5E3
LSVTLCT	0	
LSVTNTRY	0	
LSVTSTRT	0	
LSVTTCB	4	

IATYMDS information

IATYMDS programming interface information

The following fields are **NOT** programming interface information:

- *
- *
- MDARSVA
- MDBKDSN
- MDBKVLM
- MDDSNRCH
- MDFAILSF
- MDGMSCHK
- MDJSTERR
- MDJSTGET
- MDJSTRD
- MDJSTREL
- MDJSTWRT
- MDJVTGET
- MDMCRVLM
- MDMSGBLD
- MDMSGRTE
- MDSALERR
- MDSCNAME
- MDSCNECT
- MDSDSBLD
- MDSDYCHN
- MDSDYNDR
- MDSERROR
- MDSFENCE
- MDSIOERR
- MDSJUN
- MDSNCBPT
- MDSRSCAL
- MDSSYSAD
- MDSTRACE
- MDSUPCAT

- MDSVLBLD
- MDSYSACH
- MDUAFDYN
- MDUX71CL
- MDXTCTAD
- MDYDEQRQ
- MDYFNDSA
- 2
- 2

IATYMDS heading information

Common name:	MAIN DEVICE SCHEDULER TABLE
Macro ID:	IATYMDS
DSECT name:	MDSTART
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	IATMDDA Offset: 0 Length: 8
Storage attributes:	Auxiliary Storage: N/A Subpool: 0 Key: 1 (JESKEY) Residency: ANY
Size:	MDS1SIZE (IF MSGS=NO), MDS1SIZE+MDS2SIZE (IF MSGS=YES)
Created by:	IATINMD (VIA ALOAD)
Pointed to by:	MDSPARM IN IATYTVT
Serialization:	NONE
Function:	THIS IS THE MAIN DEVICE SCHEDULER DATA AREA, WHICH MAPS THE STORAGE IN DATA CSECT IATMDDA. IT CONTAINS FLAGS, FIELDS AND MESSAGES USED BY MDS.

IATYMDS mapping

Table 446. Structure MDSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	MDSTART	
		JES3 MODULE ENTRY POINT IDENTIFIER 01 Change Activity: $SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0			
0	(0)	CHARACTER	8		MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM
		RESQUEUE GROUP CHAIN ORIGIN FIELDS			
36	(24)	SIGNED	4	MDCHAINS(0)	START OF MDS CHAINS
36	(24)	SIGNED	4	MDFETCHQ	START OF FETCH CHAIN
40	(28)	SIGNED	4	MDVOLWTQ	START OF VOLUME WAIT CHAIN

Table 446. Structure MDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
44	(2C)	SIGNED	4	MDALLOCQ	START OF ALLOCATE CHAIN
48	(30)	SIGNED	4	MDVOLUAQ	START OF UNAVAILABLE CHAIN
52	(34)	SIGNED	4	MDVERFYQ	START OF VERIFY CHAIN
56	(38)	SIGNED	4	MDERRORQ	START OF ERROR CHAIN
60	(3C)	SIGNED	4	MDBRKDNQ	START OF BREAKDOWN CHAIN
64	(40)	SIGNED	4	MDRSTRTQ	START OF RESTART CHAIN
68	(44)	SIGNED	4	MDYNALOQ	START OF DYNAMIC ALLOC CHAIN
		ECF AND FLAG AREA			
72	(48)	ADDRESS	4	MDSECFAD	ADDRESS OF MDS ECF AREA
76	(4C)	BITSTRING	6	MDSECFAR	CONTIGUOUS MDS ECF AREA
76	(4C)	X'4C'	0	MDSECF	"MDSECFAR,1" MDS ECF
		1...		MDSBK	"X'80'" BREAKDOWN POST BIT
		.1..		MDSMSG	"X'40'" MESSAGE POST BIT
		..1.		MDSAL	"X'20'" ALLOC POST BIT(SEE MDSALECF)
		...1		MDSVFY	"X'10'" VERIFY POST BIT
		.... 1...		MDSRST	"X'08'" RESTART POST BIT
		.... .1..		MDSFE	"X'04'" FETCH POST BIT
		.... ..1.		MDSASYNC	"X'02'" ASYNCRONOUS PROCESSING REQ'D
		1		MDSIPOST	"X'01'" INTERNAL PROCESSING REQ'D
76	(4C)	X'4D'	0	MDSSSECF	"MDSECFAR+1,1" Asynchronous event/SSI ECF
		1...		MDSDAL	"X'80'" DYNAMIC ALLOCATION SSI
		.1..		MDSDUL	"X'40'" DYNAMIC UNALOCATION SSI
		..1.		MDSCDD	"X'20'" CHANGE DDNAME SSI
		...1		MDSVER	"X'10'" VERIFY RESPONSE
		.... 1...		MDSSAL	"X'08'" STATIC ALLOCATION SSI
		.... .1..		MDSCNQ	"X'04'" CHG DSN ENQ USE ATTR SSI
		.... ..1.		MDSVRL	"X'02'" EARLY VOL REL SSI
		1		MDSWLMEV	"X'01'" Work-Load Manager Event
		1111 1111		MDSSSALL	"X'FF'" Used to post all functions
76	(4C)	X'4E'	0	MDSIECF	"MDSECFAR+2,1" INTERNAL ECF
		1...		MDSAMAR	"X'80'" MDS ASYNC REQUEST QUEUED
		.1..		MDSIDYFE	"X'40'" DYNAMIC ALLOCATION IN FETCH
		..1.		MDSIDYAL	"X'20'" DYNAMIC ALLOCATION IN ALLOC
		...1		MDSCKWT	"X'10'" Re-write the checkpoint
		.... 1...		MDSITIME	"X'08'" MSS TIMER EXPIRED
		.... .1..		MDSMSVAR	"X'04'" MSS VARY OCCURRED
		.... ..1.		MDSIDYVE	"X'02'" DYNAMIC ALLOCATION IN VERFY
		1		MDSIDYNQ	"X'01'" WORK ON DYN SA QUEUE
76	(4C)	X'4F'	0	MDSALECF	"MDSECFAR+3,1" ALLOCATION DESCRIPTION BYTE POSTER OF MDSAL BIT IN MDSECF SHOULD ALSO SET ONE OR MORE BITS IN THIS BYTE IF A RESOURCE BECAME AVAIL.
		1...		MDSDEVAV	"X'80'" SETUP DEVICE AVAILABLE POST
		.1..		MDSVOLAV	"X'40'" VOLUME AVAILABLE POST
		..1.		MDSDTSAV	"X'20'" DATASET AVAILABLE POST

Table 446. Structure MDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		...1		MDSVFYDN	"X'10'" VERIFY PROCESSING COMPLETE
		.... 1...		MDSFNCDN	"X'08'" DEVICE DEDICATION DONE
76	(4C)	X'50'	0	MDSR1ECF	"MDSECFAR+4,1" RESERVED FOR DEVELOPMENT
76	(4C)	X'51'	0	MDSR2ECF	"MDSECFAR+5,1" RESERVED FOR SERVICE
	MDS FLAGS				
82	(52)	BITSTRING	1	MDAFLG1	MDAFLG1 MDSALLOC FLAG BYTE 1
		1...		MDAPRS	"X'80'" PERM RES VOLUME REFERENCE
		.1..		MDAMULDD	"X'40'" 2ND-NTH UNIT - MULT UNIT DD
		..1.		MDAMULST	"X'20'" RETRY MULTI-UNIT DD PROCESSING DUE TO UNIT LIST
83	(53)	BITSTRING	1	MDAFLG2	MDAFLG2 MDSALLOC FLAG BYTE 2
	DEFINITION OF MDAFLG2				
		1...		MDARECYC	"X'80'" JOB RECYCLED THRU ALLOC
		.1..		MDASPCMN	"X'40'" SINGLE PROCESSOR SPECIFIED
		..1.		MDAOPMNT	"X'20'" OPERATOR MOUNTING REQUIRED
84	(54)	BITSTRING	1	MDBFLG1	MDBFLG1 MDSBRKDN FLAG BYTE 1
	DEFINITION OF MDBFLG1				
		1...		MDBJOBRK	"X'80'" JOB BREAKDOWN PROCESSING
		.1..		MDBSTBRK	"X'40'" STEP BREAKDOWN PROCESSING
		..1.		MDBDDBRK	"X'20'" DD BREAKDOWN PROCESSING
		...1		MDBSTPFD	"X'10'" JST STEP ENTRY FOUND
		.... 1...		MDBPJSS	"X'08'" JSS SHOULD BE POSTED
		.... .1..		MDBJFTCH	"X'04'" SEND JOB TO FETCH QUEUE
		.... ..1.		MDBJERRQ	"X'02'" SEND JOB TO ERROR QUEUE
		1		MDBPOS	"X'01'" POST OUTPUT SERVICE
85	(55)	BITSTRING	1	MDBFLG2	MDBFLG2 MDSBRKDN FLAG BYTE 2
	DEFINITION OF MDBFLG2				
		1...		MDBJVLRL	"X'80'" JOB BKDN VOLUME RELEASE ONLY
		.1..		MDBSVLRL	"X'40'" STEP END ONLY VOLUME RELEASE
		..1.		MDBMSSDL	"X'20'" MSS DEALLOCATION ENTERED
		...1		MDBDYNDL	"X'10'" DYNAMIC DEALLOC DONE
		.... 1...		MDBDYJOB	"X'08'" JOB BKDN FOR DYNALLOC
		.... .1..		MDBTASCR	"X'04'" DEALLOC SCRATCH TAPES
		.... ..1.		MDBWRTJS	"X'02'" MDSVGET WRITE JST ON ERROR
		1		MDBUFDY	"X'01'" UNAL FOR FAILED DYN ALLOC
86	(56)	BITSTRING	1	MDBFLG3	MDBFLG3 MDSBRKDN FLAG BYTE 3
		1...		MDBTPBRK	"X'80'" STEP BREAKDOWN FOR APPC-TRANSACTION PROGRAM (TP)
		.1..		MDBFLWRT	"X'40'" FAILSOFT SHOULD WRITE JST
87	(57)	BITSTRING	1	MDDFLG1	MDDFLG1 MDOP FLAG BYTE

Table 446. Structure MDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF MDDFLG1			
		1...		MDDMULT	"X'80'" MULTIPLE FIELD IN INPUT CMD
		.1..		MDDINQ	"X'40'" INPUT COMMAND IS INQUIRY
		..1.		MDDMOD	"X'20'" INPUT COMMAND IS MODIFY
88	(58)	BITSTRING	1	MDDFLG2	MDDFLG2 MDSDRIVR FLAG BYTE
		DEFINITION OF MDDFLG2			
		1...		MDDFLJST	"X'80'" FAILSOFT INVOKED MDSJST
		.1..		MDDFAILS	"X'40'" FAILSOFT RECOVERY ACTIVE
		..1.		MDDNOTAP	"X'20'" SKIP RQTAPUT IN FAILSOFT
		...1		MDDNODSN	"X'10'" SKIP SETDSN DELETE IN FAILSOFT
		.... 1...		MDDMSSJS	"X'08'" JSERV NEEDED FOR MSS REUSE INTERVAL VERIFY
		.... .1..		MDDOCKPT	"X'04'" ONLINE CHECKPOINT NEEDED
		.... ..1.		MDDNOMSS	"X'02'" DO NOT PROCESS MSS SSI POST UNTIL BREAKDOWN POST HAS BEEN HANDLED
		1		MDDPJSS	"X'01'" POST JSS (AFTER SUPUNIT VARY)
89	(59)	BITSTRING	1	MDFFLG1	MDFFLG1 MDSFETCH FLAG BYTE 1
		DEFINITION OF MDFFLG1			
		1...		MDFVNMTD	"X'80'" JOB USES UNMOUNTED VOLUME(S)
		.1..		MDFDYSCN	"X'40'" DYNALOC RQST VLM SCAN PASS
		..1.		MDFVLWT	"X'20'" JOB MUST WAIT FOR VOLS
		...1		MDFSKIP	"X'10'" SKIP NEXT CALL TO FETCH
		.... 1...		MDFMSSCN	"X'08'" MSS VOLUME SCAN IN PROGRESS
		.... .1..		MDFMSSER	"X'04'" INCOMPATIBLE MSS VOLUME
		.... ..1.		MDFOPMSG	"X'02'" FETCH MESSAGES WERE WRITTEN TO THE OPERATOR
90	(5A)	BITSTRING	1	MDFFLG2	MDFFLG2 MDSFETCH FLAG BYTE 2
		DEFINITION OF MDFFLG2			
		1...		MDFNVLM	"X'80'" NEW SETVOL ENTRY CREATED
91	(5B)	BITSTRING	2	MDSRSVD5	Reserved for development
93	(5D)	BITSTRING	1	MDSSVTYP	XTYPE OF 1ST DEV - MULTI-DD
94	(5E)	BITSTRING	1	MDSBFLG1	MDSBFLG1 MDSB FLAG BYTE 1
		DEFINITION OF MDSBFLG1			
		1...		MDSDSSCN	"X'80'" MDS DOING DS SCAN
		.1..		MDSGDJST	"X'40'" DJST READ IN FOR DS SCAN
		..1.		MDCRTRY	"X'20'" DYNALLOC CHAIN ROUTINE RETRYING AFTER ABEND
		...1		MDSBF110	"X'10'" RESERVED
		.... 1...		MDSBF108	"X'08'" RESERVED
		.... .1..		MDSBF104	"X'04'" RESERVED
		.... ..1.		MDSBF102	"X'02'" RESERVED

Table 446. Structure MDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1		MDSBF101	"X'01'" RESERVED
95	(5F)	BITSTRING	1	MDRFLG1	MDRFLG1 MDSREST FLAG BYTE 1
		DEFINITION OF MDRFLG1			
		1...		MDRFIRST	"X'80'" FIRST PASS RESTART COMPLETE
		.1..		MDRNOCON	"X'40'" NO CONNECT AFTER RESTART
		..1.		MDRSCAND	"X'20'" RESTART QUE SCANNED
		...1		MDRQPUTD	"X'10'" ALL JOBS PUT TO QUE'S
		.... 1...		MDRFSTST	"X'08'" ALL JOBS PUT TO QUE'S
		.... .1..		MDSSECND	"X'04'" THIS IS A SECONDARY MDS FCT ATTACHED FOR RESTART
		.... ..1.		MDSRTERM	"X'02'" SECONDARY MDS RESTART FCT TERMINATED
96	(60)	BITSTRING	1	MDRFLG2	MDRFLG2 MDSREST FLAG BYTE 2
		DEFINITION OF MDRFLG2			
		1...		MDRNOMPC	"X'80'" UNABLE TO LOCATE PROCESSOR
		.1..		MDRNODEV	"X'40'" UNABLE TO LOCATE DEVICE(S)
		..1.		MDRSETVL	"X'20'" SETVOL REBUILD REQUIRED
		...1		MDRALLOC	"X'10'" REALLOCATE RESOURCES
		.... 1...		MDRVERFY	"X'08'" VOLUME REVERIFY REQUIRED
		.... .1..		MDRDYNAL	"X'04'" DYNAMIC ALLOC JOBS EXIST
		.... ..1.		MDREQELG	"X'02'" ELIGIBILITY PASS REQUIRED
		1		MDRADYN	"X'01'" THIS DYNALLOC IS ACTIVE
97	(61)	BITSTRING	1	MDSFLG1	MDSFLG1 MDSSELCT FLAG BYTE 1
		DEFINITION OF MDSFLG1			
		1...		MDSSCAN	"X'80'" ALLOCATION SCAN IN PROGRESS
		.1..		MDSRSCUP	"X'40'" UPDATE RESOURCES IN RES Q
		..1.		MDSRSCAN	"X'20'" RESTART JOB SCAN
		...1		MDSALC	"X'10'" A JOB WAS SENT TO MDSALLOC
		.... 1...		MDSDYNAL	"X'08'" DYNAMIC ALLOC JOBS EXIST
		.... .1..		MDSASCS	"X'04'" JOB PASSED ARL PRE-ALLOC SCAN
		.... ..1.		MDSPRESC	"X'02'" JOB FAILED ARL PRE-ALLOC SCAN
		1		MDSDEVFL	"X'01'" JOB FAILED DEV ALLOCATION 0676
98	(62)	BITSTRING	1	MDSFLG2	MDSFLG2 MDSSELCT FLAG BYTE 2
		DEFINITION OF MDSFLG2			
		1...		MDSBAR	"X'80'" JOB IS ABOVE MAIN BARRIER
		.1..		MDSAGEON	"X'40'" AGING CANDIDATE
		..1.		MDSJSTIN	"X'20'" JST(S) IS IN CORE
		...1		MDSRSVD	"X'10'" RESOURCES RESERVED ON A MAIN
		.... 1...		MDSMTMSG	"X'08'" JOB REQUIRES OP MOUNT(S)
		.... .1..		MDSNONPR	"X'04'" JOB USES NON O/S PR VOLUME
		.... ..1.		MDSMDPTH	"X'02'" CURRENT MAIN AT DEPTH

Table 446. Structure MDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1		MDSCDPTH	"X'01'" JOBCLASS AT DEPTH
99	(63)	BITSTRING	1	MDSFLG3	MDSFLG3 MDSSELCT FLAG BYTE 3
		DEFINITION OF MDSFLG3			
		1...		MDSBARC	"X'80'" SYSUNIT BARRIER PROC. COMP.
		.1..		MDSVLRSV	"X'40'" VOLUME(S) ARE RESERVED
		..1.		MDSDSRSV	"X'20'" DATASET(S) ARE RESERVED
		...1		MDSDEFER	"X'10'" DEFERRED VOLUME MOUNT REQ'D
		THE VALUE OF THE NEXT FOUR BITS SHOULD NOT BE ALTERED, AS THEY ARE MAPPED IN THE SYSFLAG4 FIELD OF THE SYSUNITS TABLE ENTRIES, (IATYSYS).			
		.... 1...		MDSDVRTA	"X'08'" TAPE DEV'S RESERVED.
		.... .1..		MDSDVRDA	"X'04'" DASD DEV'S RESERVED.
		.... ..1.		MDSDVRUR	"X'02'" UNIT RECORD DEV'S RESERVED.
		1		MDSDVRGR	"X'01'" GRAPHICS DEV'S RESERVED.
99	(63)	X'F'	0	MDSDVRSV	"MDSDVRTA+MDSDVRDA+MDSDVRUR+MDSDVRGR"
100	(64)	BITSTRING	1	MDSFLG4	MDSFLG4 MDS Select Flag Byte 4
		Definition of MDSFLG4.			
		1...		MDSCOMFN	"X'80'" At least one connected and online main processor was found
		.1..		MDSDSCAN	"X'40'" DYNAMIC ALLOCATION BEING .. 06013SUA .. PROCESSED (PROVIDES .. 06013SUA ... SERIALIZATION WITH DDR) 06013SUA
101	(65)	BITSTRING	1	MDVFLG1	MDVFLG1 MDSVERFY FLAG BYTE 1
		DEFINITION OF MDVFLG1			
		1...		MDVREMNT	"X'80'" JOB REQ RE-ISSUEING MOUNTS
		.1..		MDVJFAIL	"X'40'" JOB IS TO BE CANCELLED
		..1.		MDVJRSTR	"X'20'" JOB IS TO BE RESTARTED
		...1		MDVMPRED	"X'10'" MAIN MASK REDUCED
102	(66)	BITSTRING	1	MDVFLG2	MDVFLG2 MDSVERFY FLAG BYTE 2
		DEFINITION OF MDVFLG2			
		1...		MDVDMNTD	"X'80'" DEVICE VERID IS 'MOUNTED'
		.1..		MDVDNACC	"X'40'" DEVICE NOT ACCESSABLE
103	(67)	BITSTRING	1	MDSGFLG1	MDSGFLG1 MDS GENERAL FLAG BYTE 1
		DEFINITION OF MDSGFLG1			
		1...		MDGSETAC	"X'80'" SETACC SETVOL ENTRIES EXIST
		.1..		MDGSETRS	"X'40'" SETRES ENTRY BUFFER(S) EXIST
		..1.		MDGPRON	"X'20'" ALL DEVICES OF TYPE ARE P/R
		...1		MDGPRVOL	"X'10'" SETVOL CREATED - P/R DEVICE 0741
		.... 1...		MDGCNTPR	"X'08'" COUNT P/R DEV'S IN ARL SCAN 0741

Table 446. Structure MDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... .1..		MDSYSRSV	"X'04'" SPECIFIC DEVICES WERE RESERVED DURING THIS ALLOCATION SCAN. THAT IS, THE SYSRSRV FLAG WAS SET IN AT LEAST ONE SYSUNITS ENTRY
		.... ..1.		MDGERROR	"X'02'" ERROR CONDITION DURING MDS PROCESSING
		1		MDGDGBAS	"X'01'" A DD ENTRY REQUIRES A GDG BASE ALLOCATION
104	(68)	BITSTRING	1	MDSGFLG2	MDSGFLG2 MDS GENERAL FLAG BYTE 2
	DEFINITION OF MDSGFLG2				
		1...		MDSGJCAT	"X'80'" JST ACCESS FOR JOB/STEP CAT
		.1..		MDSGCDYN	"X'40'" CURRENT JST IS DYNAM ALLOC
		..1.		MDSGJMDS	"X'20'" JST READ BY MDSJST SUBR
		...1		MDSGIOIQ	"X'10'" I/O ATTEMPT FROM INQUIRY
		.... 1...		MDSGIOMO	"X'08'" I/O ATTEMPT FROM MODIFY
		.... .1..		MDSGIODR	"X'04'" I/O ATTEMPT FROM DRIVER
		.... ..1.		MDSGJEOD	"X'02'" RETURN EOD ON FIRST MDSJGET
		1		MDSGRERR	"X'01'" JST READ ERR BUFFER RELEASE
105	(69)	BITSTRING	1	MDSGFLG3	MDSGFLG3 MDS GENERAL FLAG BYTE 3
	DEFINITION OF MDSGFLG3				
		1...		MDSGJSIN	"X'80'" JST ACCESS FOR SINGLE BUFFER
		.1..		MDSGEJOB	"X'40'" JSTGET EOD ON END OF JOB JST
		..1.		MDSGEDYN	"X'20'" JSTGET EOD ON END OF DYN JST
		...1		MDSGESTP	"X'10'" JSTGET EOD ON NEXT STEP
		.... 1...		MDSGJREL	"X'08'" JST RELEASE SPECIFIED
		.... .1..		MDSGJCHK	"X'04'" JST CHECKPOINT WRITE
		.... ..1.		MDSGJSTP	"X'02'" JST READ FOR STEP ENTRY
		1		MDSGMODO	"X'01'" JST MODONLY WRITE
106	(6A)	BITSTRING	1	MDSGFLG4	MDSGFLG4 MDS GENERAL FLAG BYTE 4
	DEFINITION OF MDSGFLG4				
		1...		MDGJSTRD	"X'80'" JST READ SUBROUTINE ACTIVE
		.1..		MDSSMSRC	"X'40'" JOB REQUIRES SMS RESOURCES
		..1.		MDSCNMSK	"X'20'" JOB USED CONNECT MASK FOR SMS
		...1		MDSCNSMS	"X'10'" SMS WAS INACTIVE AT THE 0483 TIME C/I PROCESSING WAS 0483 PERFORMED 0483
		.... 1...		MDSGBATC	"X'08'" BATCH JST BUFF. TO WRITE
		.... .1..		MDSGCSBT	"X'04'" CSBT USED TO READ BATCH JST BUFFERS
		.... ..1.		MDS5914	"X'02'" DEALLOCATION WAS PERFORMED, 0097 SO IAT5914 IS REQUIRED 0097
		1		MDSIVERL	"X'01'" Logging of initial verify messages was requested
107	(6B)	BITSTRING	2	MDXFLG1	RESERVED
112	(70)	SIGNED	4	MDSFLEND(0)	END OF ECF/FLAG BYTE AREA

Table 446. Structure MDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		INITIALIZATION OPTIONS			
112	(70)	SIGNED	2	MDSNAMCT	NUMBER OF SETNAMES ENTRIES
114	(72)	SIGNED	2	MDSRSVDD	RESERVED FOR DEVELOPMENT
116	(74)	SIGNED	4	MDSRSVDS	RESERVED FOR JES3 SERVICE
120	(78)	BITSTRING	1	MDSOPT2	SECOND MDS OPTION BYTE 0013
		1...		MDSSDZER	"X'80'" SDEPZERO=ERROR 0013
121	(79)	CHARACTER	3	MDSMSVCR(0)	MSVC/DYNALLOC VUA RESERVE
121	(79)	CHARACTER	2	MDSMSVCV	VUA RESERVE NUMERIC VALUE
123	(7B)	CHARACTER	1	MDSMSVCT	VUA RESERVE TYPE - COUNT (BLANK) OR PERCENT (%)
124	(7C)	SIGNED	4	MDSREUSE	MSS REUSETME HUNDREDTHS/SEC
128	(80)	SIGNED	2	MDOPRLIM	NO. TRYS ALLOWED TO REMOUNT
130	(82)	SIGNED	2	MDSRESRV(4)	RESERVED FOR DEVELOPMENT
138	(8A)	ADDRESS	1	MDSDSNSZ	SIZE OF DSN FOR MESSAGES
139	(8B)	BITSTRING	1	MDSOPTN	MDSOPTN MDS OPTION BYTE
		1...		MDSAUTO	"X'80'" AUTOMATIC ALLOCATION
		.1..		MDSFETCH	"X'40'" FETCH=YES SPECIFIED
		..1.		MDSDFRCT	"X'20'" DEFERCT=YES SPECIFIED
		...1		MDSFEPRD	"X'10'" FETCH MESSAGES FOR PERMRES OR RESERVED DASD ARE TO BE WRITTEN TO JESMSGLG
		.... 1...		MDSALPRD	"X'08'" ALLOCATION MESSAGES FOR PERMRES OR RESERVED DASD ARE TO BE WRITTEN TO JESMSGLG
		.... .1..		MDSFEMNT	"X'04'" FETCH MESSAGES FOR MOUNTABLE VOLUMES ARE TO BE WRITTEN TO JESMSGLG
		.... ..1.		MDSALMNT	"X'02'" ALLOCATION MESSAGES FOR MOUNTABLE VOLUMES ARE TO BE WRITTEN TO JESMSGLG
		1		MDSBKMNT	"X'01'" BREAKDOWN MESSAGES FOR MOUNTABLE VOLUMES ARE TO BE WRITTEN TO JESMSGLG
		CONTROL/WORK FIELDS			
140	(8C)	SIGNED	4	MDSFCT	MDS FCT POINTER
144	(90)	ADDRESS	4	MDXTCTAD	ADDRESS OF XTYPE COUNT TABLE USED DURING FETCH
148	(94)	SIGNED	4	MDSATMPT	NO. OF ALLOCATION ATTEMPTS
152	(98)	SIGNED	4	MDSSUCCS	NO. OF SUCCESSFUL ALLOCS
156	(9C)	SIGNED	4	MDSARLSC	NO. OF ALLOC ATTEMPTS SKIPPED DUE TO ARL PRE-ALLOC SCAN (SUM OF ALL ARLSCAN'S)
160	(A0)	SIGNED	4	MDSARLRF	NO. OF FAILED ALLOC ATTEMPTS DESPITE SUCCESSFUL ARL SCAN (SUM OF ALL ARLRFRSH'S)
164	(A4)	SIGNED	4	MDSNCBPT	JNCB POINTER FOR CURRENT JOB
168	(A8)	SIGNED	4	MDSGRPPT	GRP POINTER FOR CURRENT JOB
172	(AC)	SIGNED	4	MDSCLSPT	CLASS POINTER FOR CURENT JOB
176	(B0)	SIGNED	4	MDSSAVL1	MDSSELCT SAVE AREA
180	(B4)	SIGNED	4	MDSSAVL2	MDSSELCT SAVE AREA

Table 446. Structure MDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
184	(B8)	SIGNED	4	MDASAVL1	MDSALLOC SAVE AREA
188	(BC)	SIGNED	4	MDASAVL2	MDSALLOC SAVE AREA
192	(C0)	SIGNED	4	MDSALMSK	ALLOCATION MAIN SELECT MASK
196	(C4)	SIGNED	4	MDSRSVD4(6)	Reserved for development
220	(DC)	SIGNED	4	MDSBTYPE	BEST DEVICE FOUND
224	(E0)	SIGNED	4	MDSALRQ	NEXT RQ ENTRY IN ALLOCATION
228	(E4)	SIGNED	4	MDSCNAME	CURRENT SETNAME ENTRY PTR
232	(E8)	SIGNED	4	MDSMNMSK	TEMP MAIN SEL MASK
236	(EC)	SIGNED	4	MDSJSTHD	CURRENT JST HEADER BUFFER
240	(F0)	SIGNED	4	MDSJSTBF	CURRENT JST BUFFER
244	(F4)	SIGNED	4	MDSJSTEP	JST STEP ENTRY FOR DYN ALC
248	(F8)	SIGNED	4	MDSJSTPC	CURRENT JST BUFFER FOR STEP
252	(FC)	SIGNED	4	MDSJSTRQ	RQ FOR CURRENT JST ACCESS
256	(100)	SIGNED	4	MDSJSAVE(6)	JST/JVT ACCESS SAVE AREA
280	(118)	SIGNED	4	MDSBSAVE(3)	SUBROUTINE SAVE AREA
280	(118)	X'118'	0	MDSBSTPE	"MDSBSAVE,4" BATCH STEP ENTRY
280	(118)	X'11C'	0	MDSJSTSV	"MDSBSAVE+4,4" CURRENT BATCH BUFFER
280	(118)	X'120'	0	MDSDYHDR	"MDSBSAVE+8,4" DYNALLOC HEADER
292	(124)	SIGNED	4	MDTRSAVE(2)	SAVE AREA FOR MDS TRACE
300	(12C)	SIGNED	4	MDTRCRET(2)	CALLERS REG 14 AND 15
308	(134)	SIGNED	2	MDSDVDES	DESIRABILITY OF BEST DEVICE
310	(136)	SIGNED	2	MDSJSSEQ	CURRENT JST SEQUENCE NUMBER
312	(138)	SIGNED	2	MDSVLSEQ	CURRENT JVT SEQUENCE NUMBER
314	(13A)	SIGNED	2	MDSNTYPE	NO. DEVICE(S) OF TYPE FOUND
316	(13C)	SIGNED	4	MDEEP	Current total number of jobs in SETUP
320	(140)	SIGNED	2	MDS25NTM	NUMBER OF TAPE MOUNTS ISSUED
322	(142)	SIGNED	2	MDS25NDM	NUMBER OF DISK MOUNTS ISSUED
324	(144)	SIGNED	2	MDS25NMV	NUMBER OF MSS VOLUMES REQ'D
326	(146)	SIGNED	2	MDSDARET	# OF DACC DEVICES RETURNED
328	(148)	SIGNED	2	MDSTARET	# OF TAPE DEVICES RETURNED
330	(14A)	SIGNED	2	MDSOTRET	# OF OTHER DEVICES RETURNED
332	(14C)	SIGNED	2	MDSVURET	# OF MSS DEVICES RETURNED
334	(14E)	SIGNED	2	MDSDASUB	# OF DA TO SUBTRACT FROM JOB
336	(150)	SIGNED	2	MDSTASUB	# OF TA TO SUBTRACT FROM JOB
338	(152)	SIGNED	2	MDSOTSUB	# OF OT TO SUBTRACT FROM JOB
340	(154)	SIGNED	2	MDSVUSUB	# OF MS TO SUBTRACT FROM JOB
342	(156)	SIGNED	2	MDSAVHW1	MDS HALF WORD SAVE AREA 1
344	(158)	SIGNED	2	MDSAVHW2	MDS HALF WORD SAVE AREA 2
346	(15A)	SIGNED	2	MDSRSVD7	Reserved for IBM
348	(15C)	SIGNED	4	MDSDSCNA	ADDRESS OF SETDSN (DS SCAN)
352	(160)	SIGNED	4	MDAUNIT	MDAL UNITNAME POINTER
356	(164)	SIGNED	2	MDALSNXT	INDEX OF NEXT LIST ENTRY
358	(166)	SIGNED	2	MDSVFMSG	IAT5918 MESSAGE COUNT

Table 446. Structure MDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
360	(168)	BITSTRING	1	MDALRESC	MDALRESC NEW ALLOCATION RESOURCE(S) THIS BYTE CONTAINS THE RESOURCE(S) WHICH BECAME AVAILABLE FOR THE ALOC PASS.
	DEFINITION OF MDALRESC				
360	(168)	X'80'	0	MDSDEVRQ	"MDSDEVAV" JOB(S) THAT REQ BUSY DEVICE
360	(168)	X'40'	0	MDSVBSRQ	"MDSVOLAV" JOB(S) THAT REQ BUSY VOLUMES
360	(168)	X'20'	0	MDSDTSRQ	"MDSDTSAV" JOB(S) THAT REQ BUSY DATASET
360	(168)	X'10'	0	MDSVFYPD	"MDSVFYDN" JOB(S) ENCOUNTERED VFY PNDG
360	(168)	X'8'	0	MDSFNCPD	"MDSFNCDN" JOB(S) NEEDS DEDICATED DEVS
361	(169)	BITSTRING	1	MDALOPTN	MDALOPTN MDSALLOC ALLOCATION OPTION
	DEFINITION OF MDALOPTN				
		1...		MDAFIRST	"X'80'" FIRST PASS ALLOCATION
		.1..		MDARESRV	"X'40'" RESERVE IF ALLOCATION FAILS
		..1.		MDADONLY	"X'20'" USE DJC FENCED DEVICES ONLY
		...1		MDAGONLY	"X'10'" USE GRP FENCED DEVICES ONLY
		.... 1...		MDANOACT	"X'08'" NO OPERATOR ACTION ALLOWED
		.... .1..		MDASDGXX	"X'04'" HONOR STRICT SDG ALLOCATION
		.... ..1.		MDALOP02	"X'02'" RESERVED FOR JES3 SERVICE
		1		MDALOP01	"X'01'" RESERVED FOR JES3 SERVICE
362	(16A)	BITSTRING	1	MDSVERID	VERIFY ID CHARACTER
363	(16B)	BITSTRING	1	MDRQSTPN	STEP NUMBER TO DEALLOCATE
364	(16C)	BITSTRING	1	MDSRQDA	AREA TO CALCULATE MIN. NUMBR
365	(16D)	BITSTRING	1	MDSRQTA	OF DA,TA,OT,VU DEVICES
366	(16E)	BITSTRING	1	MDSRQOT	REQUIRED BY THE CURRENT
367	(16F)	BITSTRING	1	MDSRQVU	JOB IN ALLOCATION
368	(170)	BITSTRING	1	MDSRSVS1	RESERVED FOR JES3 SERVICE NO. OF DEVICES REQ'D BY JOB
369	(171)	BITSTRING	1	MDSTAADJ	WHICH ALLOCATED, TO ADJUST
370	(172)	BITSTRING	1	MDSOTADJ	FROM THE NUMBER OF
371	(173)	BITSTRING	1	MDSVUADJ	DEVICES RETURNED
372	(174)	BITSTRING	2	MDJPRTY	PRIORITIES OF PREVIOUS JOB
372	(174)	X'174'	0	MDGRPRTY	"MDJPRTY,1" GROUP PRIORITY
372	(174)	X'175'	0	MDPRTY	"MDJPRTY+1,1" JOB PRIORITY
374	(176)	BITSTRING	1	MDSDDRTC	NMBR OF MAINS EXEC TAPE/UR DDR
375	(177)	BITSTRING	1	MDSDDRDC	NMBR OF MAINS EXEC DASD DDR
376	(178)	BITSTRING	1	MDSDDRFG	DDR FLAG
		1...		MDSDDRWT	"X'80'" INTERRUPT OF SETUP SCAN - REQUIRED FOR DDR PROCESSING
		1		MDSDDRIP	"X'01'" DDR IN PROGRESS
		1111 111.		MDSDDRNP	"X'FE'" DDR NOT IN PROGRESS
377	(179)	BITSTRING	1	MDSRSVD1	RESERVED FOR SERVICE

Table 446. Structure MDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		MDS ARL MANAGEMENT FIELDS			
378	(17A)	BITSTRING	1	MDAROPTN	ARL ROUTINE FLAG BYTE
		1...		MDARADD	"X'80'" IATXARL TYPE=ADD
		.1..		MDARSCAN	"X'40'" IATXARL TYPE=SCAN
		..1.		MDARDEL	"X'20'" IATXARL TYPE=DEL
379	(17B)	BITSTRING	1	MDARSCFL	ARL SCAN ROUTINE FLAG BYTE
		1...		MDARALB	"X'80'" INDICATES "ALL-BUSY" RETURN
		.1..		MDARBUSY	"X'40'" INDICATES "BUSY" RETURN
		..1.		MDARMUST	"X'20'" ALLOCATION MUST BE ATTEMPTED
		...1		MDARLIST	"X'10'" UNITNAME LIST PASS
380	(17C)	ADDRESS	4	MDSARLCP	ADDRESS OF ARL CELL-POOL
384	(180)	ADDRESS	4	MDARSVA	TEMP STORAGE FOR ARL ADDRESS
388	(184)	ADDRESS	4	MDARSVRQ	TEMP STORAGE FOR RESQUEUE
392	(188)	ADDRESS	4	MDSCUFCT	ADDRESS CLEAN UP DSP DICT ENTRY
396	(18C)	ADDRESS	4	MDARSVAX	TEMP ARL EXT ADDR SAVE AREA
400	(190)	SIGNED	4	MDSWORK	MDS WORK AREA
		'SCRTCH' SETDSN BUILD AREA			
408	(198)	DBL WORD	8	MDSCRDBL(0)	
408	(198)	SIGNED	4	(2)	
408	(198)	X'19E'	0	MDSCRSTN	"MDSCRDBL+6,2"
416	(1A0)	ADDRESS	1	MDSCRTCH	
417	(1A1)	CHARACTER	6	MDSCRST	
423	(1A7)	CHARACTER	8	MDSCRJID	
432	(1B0)	CHARACTER	3	MDSCRSTP	
432	(1B0)	X'1B2'	0	MDSCRSTE	"MDSCRSTP+2,1"
432	(1B0)	X'1B3'	0	MDSCREND	"*"
		MDS SUBROUTINE ENTRY POINT ADDRESSES			
436	(1B4)	SIGNED	4	MDSUBSRT(0)	START OF SUB ENTRY POINTS
436	(1B4)	ADDRESS	4	MDGMSCHK	E.P. GROUP/CLASS AVAIL CHECK
440	(1B8)	ADDRESS	4	MDSDSBLD	DSNAME BUILD/DELETE SUB
444	(1BC)	ADDRESS	4	MDSVLBLD	VOLUME BUILD/SCAN/DELETE SUB
448	(1C0)	ADDRESS	4	MDJSTRD	JST READ SUBROUTINE
452	(1C4)	ADDRESS	4	MDJSTWRT	JST WRITE SUBROUTINE
456	(1C8)	ADDRESS	4	MDJSTREL	JST RELEASE SUBROUTINE
460	(1CC)	ADDRESS	4	MDSCNECT	MDS MAIN CONNECT PROCESSING
464	(1D0)	ADDRESS	4	MDJSTGET	JST ENTRY GET SUBROUTINE
468	(1D4)	ADDRESS	4	MDJSTERR	JST ERROR MSG GET SUBROUTINE
472	(1D8)	ADDRESS	4	MDJVTGET	JVT ENTRY GET SUBROUTINE
476	(1DC)	ADDRESS	4	MDMSGBLD	MDS MESSAGE BUILD SUBROUTINE
480	(1E0)	ADDRESS	4	MDMSGRTE	MDS MESSAGE ROUTE SUBROUTINE
484	(1E4)	ADDRESS	4	MDSUPCAT	CATALOG SETUP SUBROUTINE
488	(1E8)	ADDRESS	4	MDSFENCE	DEVICE FENCE SUBROUTINE

Table 446. Structure MDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
492	(1EC)	ADDRESS	4	MDSIOERR	I/O ERROR REC SUBROUTINE
496	(1F0)	ADDRESS	4	MDSALERR	ALLOCATION ERROR PROCESSING
500	(1F4)	ADDRESS	4	MDSRSCAL	MDS RESOURCE ALLOCATION
504	(1F8)	ADDRESS	4	MDSDYNDR	DYN. DEV RECONFIG SUBROUTINE
508	(1FC)	ADDRESS	4	MDSDYCHN	CHAIN DYNALOC SIOT/JFCB/CBX
512	(200)	ADDRESS	4	MDYFNDSA	GET SA AND MPC OF DYNALOC RQ
516	(204)	ADDRESS	4	MDYDEQRQ	DQ DYNALOC RQ & SEND SA RESP
520	(208)	ADDRESS	4	MDFAILSF	FAILSOFT RECOVERY SUBROUTINE
524	(20C)	ADDRESS	4	MDSTRACE	MDS TRACE SUBROUTINE
528	(210)	ADDRESS	4	MDSCOUNT	SEE IF ONE JOB ACCOUNTS FOR ALL USES OF A DATASET
532	(214)	ADDRESS	4	MDSJUN	JOB TERM UNALLOC OF DJSTS
536	(218)	ADDRESS	4	MDUX71CL	UX71 INTERFACE ROUTINE
540	(21C)	ADDRESS	4	MDSERROR	GET QUEUE FOR JOB IN ERROR
544	(220)	ADDRESS	4	MDUAFDYN	UNAL FAILED DYNAMIC ALLOC
548	(224)	ADDRESS	4	MDFAILDS	GENERAL ROUTINE TO SET UP JESTAE, ISSUE FAILDSP FOR SPECIFIED DMCODE, AND RETURN TO CALLER
552	(228)	ADDRESS	4	MDSUBRSV(5)	Reserved for entry points
572	(23C)	SIGNED	4	MDSUBEND(0)	END OF SUB ENTRY POINTS
	MODULE ENTRY POINT ADDRESSES				
572	(23C)	ADDRESS	4	MDOPMSEP	IATMDOP ENTRY POINT
576	(240)	ADDRESS	4	MDFTCHEP	MDSFETCH E.P.
580	(244)	ADDRESS	4	MDMNLMEP	IATMDML ENTRY POINT
584	(248)	ADDRESS	4	MDSELEP	MDSELECT E.P.
588	(24C)	ADDRESS	4	MDALLOEP	MDSALLOC E.P.
592	(250)	ADDRESS	4	MDARLEP	IATMDAR ENTRY POINT
596	(254)	ADDRESS	4	MDVFYEP	MDSVERFY E.P.
600	(258)	ADDRESS	4	MDBRKDEP	MDSBRKDN E.P.
604	(25C)	ADDRESS	4	MDWLMEEP	IATMDWLE entry point
608	(260)	SIGNED	4	MDEPEND(0)	End of entry points
608	(260)	SIGNED	4	MDSRSVD3(6)	Reserved for development
	Save Areas.				
632	(278)	SIGNED	4	MDSREGSV(2)	Register save area
632	(278)	X'278'	0	MDSFESV1	"MDSREGSV,4" MDFE REGISTER SAVE AREA1
632	(278)	X'27C'	0	MDSFESV2	"MDSREGSV+4,4" MDFE REGISTER SAVE AREA2
	This line deleted by APAR OA53481				
640	(280)	SIGNED	4	MDSRSVD6(5)	Reserved for development *
660	(294)	SIGNED	4	MDMSVRSV(14)	Reserved for service
716	(2CC)	SIGNED	4	MDSRSVDU(20)	RESERVED FOR USER
	MDS CONTROL BLOCK ACCESS FIELDS				
796	(31C)	SIGNED	4	MDSSYSAD	FIRST SYSUNITS - L'SYSSIZE

Table 446. Structure MDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
800	(320)	SIGNED	4	MDSRSVD2	Reserved for development
804	(324)	SIGNED	4	MDSSYSSZ	SIZE OF A SYSUNITS ENTRY
804	(324)	X'326'	0	MDSSYSIZ	"MDSSYSSZ+2,2" HALF WORD SYSUNITS SIZE
808	(328)	SIGNED	4	MDSSETSZ	SIZE OF A SETUNIT ENTRY
808	(328)	X'32A'	0	MDHSETSZ	"MDSSETSZ+2,2" HALF WORD SETUNIT SIZE
812	(32C)	SIGNED	4	MDSSTNSZ	SIZE OF A SETNAME ENTRY
812	(32C)	X'32E'	0	MDHSTNSZ	"MDSSTNSZ+2,2" HALF WORD SETNAME SIZE
816	(330)	SIGNED	4	MDSMSUSZ	SIZE OF AN MSU ENTRY
816	(330)	X'332'	0	MDHMSUSZ	"MDSMSUSZ+2,2" HALF WORD MSU SIZE
820	(334)	SIGNED	4	MDSSDGSZ	SIZE OF AN SDG ENTRY
820	(334)	X'336'	0	MDHSDGSZ	"MDSSDGSZ+2,2" HALF WORD SDG SIZE
824	(338)	SIGNED	4	MDSVUASZ	SIZE OF A VUA ENTRY
824	(338)	X'33A'	0	MDHVUASZ	"MDSVUASZ+2,2" HALF WORD VUA SIZE
		FDB AREA			
828	(33C)	SIGNED	4	(0)	
828	(33C)	BITSTRING	12	MDVUTFDB	FDB OF VOL UNAVAILABLE TABLE
840	(348)	BITSTRING	12	MDRESVOL	FDB OF RESVOL BUFFER(S)
852	(354)	BITSTRING	1	MDDFDB	FDB OF DEVPOOL WORK AREA
		VLM / DSN ENTRY CONTROL AREA			
864	(360)	SIGNED	4	MDSDSBUF	DSNAME BUFFER CHAIN
868	(364)	SIGNED	4	MDSVLBUF	VOLUME ENTRY BUFFER CHAIN
872	(368)	ADDRESS	4	MDSVLCHN(20)	VOLUME ENTRY QUEUE POINTERS
		RESIDENT VOLUME ALLOCATION TABLE 01 Change Activity: $SD=JBGT64K HJS7705 000413 PD0RF: z 1.2.0			
952	(3B8)	SIGNED	4	MDSENDVL	POINTER TO NEXT VOLUME ENTRY
956	(3BC)	BITSTRING	6		VOLUME SERIAL NUMBER
964	(3C4)	SIGNED	4		Volume use count
968	(3C8)	SIGNED	4	MDSAMSGQ	ASYNCHRONOUS MESSAGE QUEUE
972	(3CC)	SIGNED	4	(10)	RESERVED FOR DEVELOPMENT
1012	(3F4)	SIGNED	4		- RESERVED FOR SERVICE
1016	(3F8)	SIGNED	4		- RESERVED FOR DEVELOPMENT
1020	(3FC)	BITSTRING	1		VLMFL1 FLAG BYTE 1
1021	(3FD)	BITSTRING	1		VLMFL2 FLAG BYTE 2
1022	(3FE)	BITSTRING	1		PRTY OF JOB RESERVING VOLUME
1023	(3FF)	BITSTRING	1		VLMFL3 FLAG BYTE 3
1024	(400)	BITSTRING	1		VLMFL4 FLAG BYTE 4 FOR DEVELOPMENT
1028	(404)	SIGNED	4	MDSDSLCK	DSNAME BUILD INTERLOCK WORD
1032	(408)	SIGNED	4		Job number of single user
1036	(40C)	SIGNED	4		Number of allocated users
1040	(410)	SIGNED	4		MSV SETVOL EXTENSION ADDR
1044	(414)	SIGNED	4		RESERVED FOR IBM

Table 446. Structure MDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1048	(418)	SIGNED	4	(0)	END OF VOLUME ENTRY
		RESIDENT VOLUME ALLOCATION TABLE 01 Change Activity: $SD=JBGT64K HJS7705 000413 PD0RF: z 1.2.0			
1048	(418)	SIGNED	4	MDSCRVLM	POINTER TO NEXT VOLUME ENTRY
1052	(41C)	CHARACTER	6	SCRTCH	VOLUME SERIAL NUMBER
1060	(424)	SIGNED	4		Volume use count
1064	(428)	SIGNED	4	(11)	SETDSN HASH TABLE
1108	(454)	SIGNED	4		- RESERVED FOR SERVICE
1112	(458)	SIGNED	4		- RESERVED FOR DEVELOPMENT
1116	(45C)	BITSTRING	1		VLMFL1 FLAG BYTE 1
1117	(45D)	BITSTRING	1		VLMFL2 FLAG BYTE 2
1118	(45E)	BITSTRING	1		PRTY OF JOB RESERVING VOLUME
1119	(45F)	BITSTRING	1		VLMFL3 FLAG BYTE 3
1120	(460)	BITSTRING	1		VLMFL4 FLAG BYTE 4 FOR DEVELOPMENT
1122	(462)	SIGNED	2		SYSUNIT WHERE VOLUME ALLOC'D
1124	(464)	SIGNED	2		SYSUNIT WHERE VOLUME RESIDES
1128	(468)	SIGNED	4		Job number of single user
1132	(46C)	SIGNED	4		Number of allocated users
1136	(470)	SIGNED	4		MSV SETVOL EXTENSION ADDR
1140	(474)	SIGNED	4		RESERVED FOR IBM
1144	(478)	SIGNED	4	(0)	END OF VOLUME ENTRY
1144	(478)	SIGNED	2	MDSVLSUM(20)	SUMS OF ENTRIES IN THE QUEUES
1184	(4A0)	SIGNED	2	MDSVLTOT	TOTAL NO. OF VOLUME ENTRIES
		INPUT MESSAGE CONTROL AREA			
1188	(4A4)	SIGNED	4	(0)	
1188	(4A4)	CHARACTER	8	MDREQST1	INQ/MOD REQUEST FIELD 1
1196	(4AC)	CHARACTER	8	MDREQST2	INQ/MOD REQUEST FIELD 2
1204	(4B4)	CHARACTER	8	MDREQST3	INQ/MOD REQUEST FIELD 3
1212	(4BC)	CHARACTER	8	MDREQST4	INQ/MOD REQUEST FIELD 4
1220	(4C4)	CHARACTER	8	MDREQST5	INQ/MOD REQUEST FIELD 5
1228	(4CC)	CHARACTER	8	MDREQST6	INQ/MOD REQUEST FIELD 6
1236	(4D4)	CHARACTER	8	MDREQST7	INQ/MOD REQUEST FIELD 7
1244	(4DC)	CHARACTER	8	MDREQST8	INQ/MOD REQUEST FIELD 8
1252	(4E4)	CHARACTER	8	MDREQST9	INQ/MOD REQUEST FIELD 9
1252	(4E4)	X'4EC'	0	MDREQSTX	"*" END OF REQUEST FIELDS
		IATYCNDB_1:;			
1260	(4EC)	SIGNED	4	MDSCNDB(0)	IATYCNDB.27: based variable for storage mapping
1260	(4EC)	SIGNED	4		Four byte console id 0176
1264	(4F0)	CHARACTER	4		IATYCNDB eyecatcher
1268	(4F4)	ADDRESS	4		IATYCNDB version
1272	(4F8)	BITSTRING	8		Reserved for development

Table 446. Structure MDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1280	(500)	BITSTRING	8		Console Name 0176
1288	(508)	BITSTRING	24		Reserved for development
1312	(520)	SIGNED	2		Reserved for development
1314	(522)	BITSTRING	40		Reserved for development
1354	(54A)	BITSTRING	1	MDMRQNDX	RQNDX OF JOB IN MSG RQST
1355	(54B)	BITSTRING	1	MDMSGRSV	RESERVED FOR DEVELOPMENT
		FAILSOFT/ERROR RECOVERY WORK AREA			
1356	(54C)	SIGNED	4	MDSER10	REGISTER 10 SAVE AREA
1360	(550)	SIGNED	4	MDSER14	REGISTER 14 SAVE AREA
1364	(554)	SIGNED	4	MDSER15	REGISTER 15 SAVE AREA
1368	(558)	SIGNED	4	MDSER0	REGISTER 0 SAVE AREA
1372	(55C)	SIGNED	4	MDSER1	REGISTER 1 SAVE AREA
1376	(560)	SIGNED	4	MDSER2	REGISTER 2 SAVE AREA
1376	(560)	X'54C'	0	MDSEREGS	"MDSER10" 6 WORD REGISTER SAVE AREA
1380	(564)	SIGNED	4	MDCURRSQ	ADDR OF CURR RQ ENTRY
1380	(564)	X'564'	0	MDCURRMS	"MDCURRSQ,4" ADDR OF CURR MSG BUFFER
1380	(564)	X'564'	0	MDCURRSA	"MDCURRSQ,4" ADDR OF CURR STAGING AREA
1380	(564)	X'564'	0	MDCURRTE	"MDCURRSQ,4" ADDR OF CURR VFY ROUTE MSG
1384	(568)	CHARACTER	1	MDSCUTYP	MDSCUTYP CURRENT ENTRY TYPE
1384	(568)	X'D9'	0	MDSCURRQ	"C'R'" CURRENT ENTRY IS RQ ENTRY
1384	(568)	X'D4'	0	MDSCURRM	"C'M'" CURRENT ENTRY IS MSG BUFF
1384	(568)	X'E2'	0	MDSCURRS	"C'S'" CURRENT ENTRY IS STG AREA
1384	(568)	X'E5'	0	MDSCURRV	"C'V'" CURRENT ENTRY IS VFY ROUTE
1385	(569)	CHARACTER	1	MDSIOTYP	MDSIOTYP JSAM I/O TYPE
1385	(569)	X'D9'	0	MDSIORD	"C'R'" JESREAD
1385	(569)	X'E6'	0	MDSIOWR	"C'W'" AWRITE
1385	(569)	X'D3'	0	MDSIORL	"C'L' ARELEASE "
1386	(56A)	CHARACTER	3	MDSRECID	JES3 BUFFER ID
1389	(56D)	BITSTRING	3	MDSIORSV	RESERVED FOR DEVELOPMENT
		EARLY VOLUME RELEASE WORK AREA			
1392	(570)	BITSTRING	1	MDSEVRNG	EVR ERROR TYPE
1392	(570)	X'0'	0	MDSEVRNE	"0" NO ERROR
1392	(570)	X'B'	0	MDSEVRFT	"11" NEGATIVE FETCH COUNT
1392	(570)	X'C'	0	MDSEVRRT	"12" EVR CONTROL BLOCK ERROR.
		DYNAMIC DEVICE RECONFIGURATION WORK AREA			
1393	(571)	BITSTRING	1	MDSDDREC	DDR ECF
		1...		MDSDDRRS	"X'80'" RESTART SETUP COMPLETE
		.1..		MDSDDRSI	"X'40'" SETUP SCAN INTERRUPTED POST
		MISCELLANEOUS CONSTANTS			
		 1111		F	"X'0F'" MASK OF 1111 FOR USE IN ICM

Table 446. Structure MDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
NOTE: CHANGING ANY FIELDS FROM MDSJVFY TO MDVAEND WILL REQUIRE CHANGES TO IATLVVR TO MAP THE FIELDS IN DSECT VERINPUT.					
1394	(572)	ADDRESS	2	MDSJVFY	JES VERIFY CMD
1400	(578)	CHARACTER	4	MDVAUNIT	DEVICE NUMBER IN EBCDIC
1404	(57C)	BITSTRING	6	MDVATYPE	
1410	(582)	CHARACTER	1	MDVALABL	LABEL TYPE
1411	(583)	CHARACTER	1	MDVARING	RING / NORING INDICATOR
1412	(584)	CHARACTER	1	MDVAEXPD	
1413	(585)	CHARACTER	6	MDVAVOL	VOLUME SERIAL
1413	(585)	X'585'	0	MDVADFR	"MDVAVOL,3"
1413	(585)	X'585'	0	MDVASCR	"MDVAVOL,2"
1413	(585)	X'587'	0	MDVAUADR	"MDVAVOL+2,4" DEVICE NUMBER
1421	(58D)	CHARACTER	6	MDVAUXMD	
1427	(593)	CHARACTER	4		
1427	(593)	X'596'	0	MDVAEND	"*"
FORMAT OF VARY OFF COMMAND					
1430	(596)	ADDRESS	1	MDVOCMD	
1431	(597)	CHARACTER	3	MDVOST	
1434	(59A)	CHARACTER	4	MDVODEV	DEVICE NUMBER IN EBCDIC
1443	(5A3)	CHARACTER	8	MDVOPROC	
1443	(5A3)	X'5AB'	0	MDVOEND	"*"
1451	(5AB)	CHARACTER	14		
1451	(5AB)	X'5B2'	0	MDVOEND2	"*"
1458	(5B2)	BITSTRING	0	MDVOLEN1(0)	LENGTH OF NON-LIBRARY FORM
1458	(5B2)	BITSTRING	1	MDVOLEN2(0)	LENGTH OF LIBRARY FORM
MDS Trace Format.					
1460	(5B4)	SIGNED	4	(0)	
1460	(5B4)	CHARACTER	5	MDTRCSTR	MDS MODULE PREFIX
1465	(5B9)	CHARACTER	2	MDTRCMOD	LAST 2 CHAR OF MODULE
1468	(5BC)	CHARACTER	3	MDTRCTYP	JOB/DYA/BYP
1472	(5C0)	CHARACTER	8	MDTRCNAM	RQJOBNAM
1482	(5CA)	CHARACTER	8	MDTRCNUM	RQJOBID
1492	(5D4)	CHARACTER	4	MDTRCVRB	FROM/RC=
1492	(5D4)	X'5D8'	0	MDTRCRC	"MDTRCVRB+4,2" SSOB return code for DYNALLOC
1498	(5DA)	CHARACTER	7	MDTRCFMX	RQINDEX/RQDYINDX
1505	(5E1)	CHARACTER	4	MDTRCTO	
1509	(5E5)	CHARACTER	7	MDTRCTOX	RQINDEX/RQDYINDX
1516	(5EC)	BITSTRING	1	MDTRCEND(0)	End of RQINDEX trace
MDS Bypass (RQJSTAT) Specific Information.					
1498	(5DA)	CHARACTER	16	MDTRRQJS	RQJSTAT description

Table 446. Structure MDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1514	(5EA)	CHARACTER	1	MDTRRQSP	Blank delimiter
1515	(5EB)	CHARACTER	8	MDTRMAIN	Main processor name
1523	(5F3)	BITSTRING	1	MDTRJSEN(0)	End of RQJSTAT trace
	Trace sizes.				
1523	(5F3)	X'3F'	0	MDTRMXSZ	"*-MDTRCSTR" Maximum trace size
1523	(5F3)	X'E'	0	MDTRCSIZ	"((MDTRCEND-MDTRCSTR)/4)" Size of RQINDEX trace
1523	(5F3)	X'9'	0	MDTRCSZ2	"((MDTRCFMX-MDTRCSTR)/4)" Size of DYNALLOC SSI trace
1523	(5F3)	X'F'	0	MDTRCSZJ	"((MDTRJSEN-MDTRCSTR)/4)" Size of RQJSTAT trace
	Verify Response Translate Table.				
1523	(5F3)	BITSTRING	1	MDVTRTAB(0)	TRANSLATE TABLE
1716	(6B4)	ADDRESS	1		A VOL ON OFFLINE DEVICE
1717	(6B5)	ADDRESS	1		B END OF INIT VER
1718	(6B6)	ADDRESS	1		C SMS MANAGED VOLUME
1719	(6B7)	ADDRESS	1		D NOT OPERATIONAL
1720	(6B8)	ADDRESS	1		E EXPDT NOT PAST
1721	(6B9)	ADDRESS	1		F TAPE LOAD CHECK
1763	(6E3)	ADDRESS	1		0 VERIFIED
1764	(6E4)	ADDRESS	1		1 MOUNTED
1765	(6E5)	ADDRESS	1		2 NOT READY
1766	(6E6)	ADDRESS	1		3 NO RESPONSE
1767	(6E7)	ADDRESS	1		4 VERIFY TIMEOUT
1768	(6E8)	ADDRESS	1		5 NO UCB
1769	(6E9)	ADDRESS	1		6 PERM I/O ERROR
1770	(6EA)	ADDRESS	1		7 VOLID READ ERROR
1771	(6EB)	ADDRESS	1		8 UCB ALLOCATED
1772	(6EC)	ADDRESS	1		9 DUPLICATE VOLID
1780	(6F4)	SIGNED	4	MDBKAWA	AWA FOR STEP/DD BRKDOWN
1784	(6F8)	SIGNED	4	MDSMSGSV(2)	SAVE AREA FOR MDSMSG SUBRTN
1792	(700)	ADDRESS	4	MDDSNRCH	ADDRESS OF DATA SET RESERVE CHAIN - EACH SETDSN ON THIS CHAIN REPRESENTS A RESERVED DATA SET
1796	(704)	ADDRESS	4	MDSYSACH	ADDRESS OF SYSUNITS SOFT ALLOCATION CHAIN - EACH SYSUNITS ON THIS CHAIN REPRESENTS A DEVICE THAT HAS BEEN SOFT ALLOCATED BY IATMDAL FOR THIS JOB
1800	(708)	SIGNED	4	MDBKSAV	IATMDBK TEMP SAVE AREA
	MDMSSAL1 SDG ASSIGNMENT WORK AREAS				
1804	(70C)	ADDRESS	4	MDMCRJST	FIRST JST IN HWS CHAIN
1808	(710)	ADDRESS	4	MDMCRVLM	FIRST SETVOL FOR JST ENTRY
1812	(714)	BITSTRING	1	MDMCRSDG	SDG INDEX TO BE ASSIGNED
1813	(715)	BITSTRING	2	MDMRSVD	RESERVED FOR DEVELOPMENT

Table 446. Structure MDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		IATMDBK MSS SCRATCH VOLUME DEALLOCATE ERROR INFORMATION FIELDS			
1815	(717)	BITSTRING	1	MDBKERR	MDBK MSS SCRATCH DEALLOC ERROR INDICATOR
		.... .1..		MDBKVLER	"X'04'" VLMALCNT NEGATIVE
1816	(718)	SIGNED	4	MDBKVLM	SETVOL ADDR FOR SCRATCH DEALLOC ERROR
1820	(71C)	SIGNED	4	MDBKDSN	SETDSN ADDR FOR SCRATCH DEALLOC ERROR
1820	(71C)	X'9'	0	MDBKERLN	"*-MDBKERR" LENGTH OF ERROR INFO
		EQUATES FOR MDSERRQ ERROR REASONS			
1820	(71C)	X'0'	0	RSNFETCH	"0" ERROR DURING FETCH
1820	(71C)	X'4'	0	RSNALOCQ	"4" ERROR DURING ALLOCATE
1820	(71C)	X'8'	0	RSNVERF	"8" ERROR DURING VERIFY
1820	(71C)	X'C'	0	RSNREST	"12" ERROR DURING RESTART
1820	(71C)	X'10'	0	RSNFAILS	"16" ERROR DUE TO MDS FAILSOFT
1820	(71C)	X'14'	0	RSNPRMIO	"20" JOB HAD PERMANENT I/O ERROR
1820	(71C)	X'18'	0	RSNNOBUF	"24" NO JSAM BUFFERS FOR READ
1820	(71C)	X'1C'	0	RSNNOJST	"28" JOB HAD NO JST FDB
1820	(71C)	X'20'	0	RSNSYSSL	"32" ERROR IN SYSTEM SELECT
1820	(71C)	X'24'	0	RSNSYVER	"36" ERROR IN SYSTEM VERIFY
1820	(71C)	X'28'	0	RSNSRSFL	"40" ERROR DUE TO SRS FAILSOFT
		PARAMETER LIST FOR USER EXIT 62			
1824	(720)	SIGNED	4	UX62LIST(0)	
1824	(720)	SIGNED	4	UX62RSQ	POINTER TO JOB'S RESQUEUE
1828	(724)	CHARACTER	6	UX62VOLR	REQUESTED VOL SER
1834	(72A)	CHARACTER	1	UX62LABR	REQUESTED LABEL TYPE: A=AL B=BLP N=NL S=SL X=NSL
1835	(72B)	CHARACTER	1	UX62RNGR	REQUESTED RING STATUS R=RING N=NO RING
1836	(72C)	CHARACTER	6	UX62MVOL	MOUNTED VOL SER
1842	(732)	CHARACTER	1	UX62MLAB	MOUNTED LABEL TYPE
1843	(733)	CHARACTER	1	UX62MRNG	ACTUAL RING STATUS
1844	(734)	CHARACTER	16	UX62TEXT	ERROR TEXT TO BE MOVED TO MESSAGE IAT5310
1844	(734)	X'744'	0	UX62LEND	"*" END OF PARM LIST
1860	(744)	BITSTRING	1	MDSCSS	CSS PASSED TO IATDMCS
		FIELDS USED BY IATMDRS			
1964	(7AC)	SIGNED	4	MPCSAV	SAVE AREA FOR MPC ADDR
1968	(7B0)	SIGNED	4	REG2SAV	SAVE AREA FOR R2
1972	(7B4)	BITSTRING	12	RSCURFDB	CURRENT FDB FOR RESTART
1984	(7C0)	BITSTRING	12	RSNXTFDB	CHAIN FDB FOR RESTART
1996	(7CC)	SIGNED	4	MDSRQSAV	SAVE AREA FOR FAILING RQ
2000	(7D0)	SIGNED	2	SAVEDJST	SAVE AREA FOR DJST INDEX

Table 446. Structure MDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		LOCK USED BY IATMDSB TO LOCK THE SETVOL TABLE IT IS ALSO USED BY THE GDGBASE MACRO (IN IATYDSN)			
2002	(7D2)	BITSTRING	1	MDSVLLCK	SETVOL BUILD INTERLOCK BYTE
		1...		VOLLOCKD	"X'80'" SETVOL TABLE LOCKED
		.1..		GDGBVLCK	"X'40'" GDG BASE SETVOL LOCKED
2003	(7D3)	BITSTRING	1	MDSRESVD	RESERVED FOR DEVELOPMENT
		PARAMETER LIST FOR USER EXIT 71 INPUT PARAMETERS			
2004	(7D4)	SIGNED	4	UX71LIST(0)	
2004	(7D4)	SIGNED	4	UX71MESG	POINTER TO MESSAGE AREA (FIRST BYTE OF AREA IS THE MESSAGE LENGTH. TEXT IS IN BYTES 2-120)
2008	(7D8)	SIGNED	4	UX71JNAM	POINTER TO JOB NAME
2012	(7DC)	SIGNED	4	UX71VOL	POINTER TO VOLSER IN MESSAGE AREA
2016	(7E0)	SIGNED	4	UX71DSN	POINTER TO DSN LENGTH FOLLOWED BY DSN, OR ZERO
2020	(7E4)	SIGNED	4	UX71DEV	POINTER TO 4 DIGIT DEVICE NUMBER, OR ZERO IF NONE
		OUTPUT AREA			
2024	(7E8)	CHARACTER	6	UX71MDSP	MSGDISP INSERTION TEXT
2030	(7EE)	CHARACTER	6	UX71INST	MESSAGE INSERTION TEXT
2030	(7EE)	CHARACTER	13	UX71APND	MESSAGE APPENDAGE
2043	(7FB)	BITSTRING	1	UX71RSVD	RESERVED
2043	(7FB)	X'7FC'	0	UX71LEND	"*" END OF PARAMETER LIST
2044	(7FC)	BITSTRING	0	UX71OUTL(0)	LENGTH OF OUTPUT AREA
2044	(7FC)	BITSTRING	1	UX71LNTH(0)	LENGTH OF UX71 PARM LIST
		Parameter list work area. All of the parameter lists that follow use the same storage. A parameter list may be added to this work area only if the macro which requires the parameter list clears it when the macro is invoked. Otherwise, there could be residual data left over from the last invocation.			
2044	(7FC)	SIGNED	4	MDSPMWRK(0)	Parameter list work area
		$TA= z2.1.0 HJS7790 111231 PD0TN: z 2.1.0 16851TAA ,MDSXSCHE IATXSCHE MF=L , IWMSEDES MF=(L,MDSXSCHE) MACDATE -04/02/97-<0>			
0	(0)	X'800'	0	M00M0009	"MDSXSCHE" ++ IWMSEDES NAME
2048	(800)	DBL WORD	8	MDSXSCHE(0)	++ IWMSEDES PARM LIST
2048	(800)	BITSTRING	1	MDSXSCHE_XVERSION	++ INPUT XVERSION
2049	(801)	CHARACTER	1	MDSXSCHE_XRSV0001	++ RESERVED XRSV0001
2050	(802)	BITSTRING	2	MDSXSCHE_XPLISTLEN	++ INPUT XPLISTLEN
2052	(804)	CHARACTER	16	MDSXSCHE_XSCHENV	++ XSCHENV
2068	(814)	CHARACTER	8	MDSXSCHE_XSYSTEM_NAME	++ XSYSTEM_NAME
2076	(81C)	CHARACTER	16	MDSXSCHE_XRSV001C	++ RESERVED XRSV001C
2076	(81C)	X'2C'	0	MDSXSCHEL	"*-MDSXSCHE" ++ LENGTH OF PLIST

Table 446. Structure MDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
				IWMSEDES-0	
2048	(800)	DBL WORD	8	MDSXDELY(0)	IATXDELY Parameter List
2048	(800)	ADDRESS	4		JQE address
2052	(804)	ADDRESS	4		RQ address
2056	(808)	DBL WORD	8		Time stamp
2064	(810)	ADDRESS	4		JCT address
2068	(814)	SIGNED	4	(2)	Reserved for IBM
	Miscellaneous fields.				
2092	(82C)	ADDRESS	4	MDSDFR	Address of SETDSN flight recorder
2096	(830)	SIGNED	4	MDSRSVDV(9)	Reserved for IBM
2132	(854)	SIGNED	4	MDS25RST	START TIME FOR SMF 25
2136	(858)	SIGNED	4	MDS25RSD	START DATE FOR SMF 25
2140	(85C)	CHARACTER	8	MDS25UIF	USER IDENT FOR SMF 25
2148	(864)	ADDRESS	4	MDSGDGSV	GDG BASE SETVOL ADDRESS
2152	(868)	BITSTRING	0	MDSWKLEN(0)	LENGTH FOR MVC
2152	(868)	SIGNED	4	MDSWRKAR(9)	MDS WORK AREA
2152	(868)	X'868'	0	MDSWKONE	"MDSWRKAR,4" FIRST 4 BYTES OF WORKAREA
2152	(868)	X'86C'	0	MDSWKTWO	"MDSWRKAR+4,4" SECOND 4 BYTES OF WORKAREA
2152	(868)	X'88C'	0	MDSWKARE	"MDSWRKAR+36" FOR MVC LENGTH
2188	(88C)	SIGNED	4	MDSRSVSV(16)	RESERVED FOR SERVICE
2252	(8CC)	SIGNED	4	MDSUSER(10)	RESERVED FOR USER
2252	(8CC)	X'8F4'	0	MDSEND1	"*" END OF SECTION 1

Table 447. Cross Reference for IATYMDS

Name	Offset	Hex Tag
F	571	F
GDGBVLCK	7D2	40
MDADONLY	169	20
MDAFIRST	169	80
MDAFLG1	52	0
MDAFLG2	53	0
MDAGONLY	169	10
MDALLOCQ	2C	0
MDALLOEP	24C	
MDALOPTN	169	0
MDALOP01	169	1
MDALOP02	169	2
MDALRESC	168	0
MDALSNXT	164	
MDAMULDD	52	40
MDAMULST	52	20
MDANOACT	169	8

Table 447. Cross Reference for IATYMDS (continued)

Name	Offset	Hex Tag
MDAOPMNT	53	20
MDAPRS	52	80
MDARADD	17A	80
MDARALB	17B	80
MDARBUSY	17B	40
MDARDEL	17A	20
MDARECYC	53	80
MDARESRV	169	40
MDARLEP	250	
MDARLIST	17B	10
MDARMUST	17B	20
MDAROPTN	17A	0
MDARSCAN	17A	40
MDARSCFL	17B	0
MDARSVA	180	
MDARSVAX	18C	
MDARSVRQ	184	
MDASAVL1	B8	0
MDASAVL2	BC	0
MDASDGXX	169	4
MDASPCMN	53	40
MDAUNIT	160	
MDBDDBRK	54	20
MDBDYJOB	55	8
MDBDYNDL	55	10
MDBFLG1	54	0
MDBFLG2	55	0
MDBFLG3	56	0
MDBFLWRT	56	40
MDBJERRQ	54	2
MDBJFTCH	54	4
MDBJOBRK	54	80
MDBJVLRL	55	80
MDBKAWA	6F4	0
MDBKDSN	71C	0
MDBKERLN	71C	9
MDBKERR	717	0
MDBKSAV	708	0
MDBKVLER	717	4
MDBKVLM	718	0
MDBMSSDL	55	20
MDBPJSS	54	8
MDBPOS	54	1
MDBRKDEP	258	
MDBRKDNQ	3C	0
MDBSTBRK	54	40

Table 447. Cross Reference for IATYMDS (continued)

Name	Offset	Hex Tag
MDBSTPFD	54	10
MDBSVLRL	55	40
MDBTASCR	55	4
MDBTPBRK	56	80
MDBUFDY	55	1
MDBWRTJS	55	2
MDCHAINS	24	
MDCRTRY	5E	20
MDCURRMS	564	564
MDCURRSA	564	564
MDCURRSQ	564	0
MDCURRTE	564	564
MDDFAILS	58	40
MDDFDB	354	0
MDDFLG1	57	0
MDDFLG2	58	0
MDDFLJST	58	80
MDDINQ	57	40
MDDMOD	57	20
MDDMSSJS	58	8
MDDMULT	57	80
MDDNODSN	58	10
MDDNOMSS	58	2
MDDNOTAP	58	20
MDDOCKPT	58	4
MDDPJSS	58	1
MDDSNRCH	700	
MDEEP	13C	0
MDEPEND	260	
MDERRORQ	38	0
MDFAILDS	224	
MDFAILSF	208	
MDFDYSCN	59	40
MDFETCHQ	24	0
MDFFLG1	59	0
MDFFLG2	5A	0
MDFMSSCN	59	8
MDFMSSER	59	4
MDFNVLM	5A	80
MDFOPMSG	59	2
MDFSKIP	59	10
MDFTCHEP	240	
MDFVLWT	59	20
MDFVNMTD	59	80
MDGCNTPR	67	8
MDGDGBAS	67	1

Table 447. Cross Reference for IATYMDS (continued)

Name	Offset	Hex Tag
MDGERROR	67	2
MDGJSTRD	6A	80
MDGMSCHK	1B4	
MDGPRON	67	20
MDGPRVOL	67	10
MDGRPRTY	174	174
MDGSETAC	67	80
MDGSETRS	67	40
MDHMSUSZ	330	332
MDHSDGSZ	334	336
MDHSETSZ	328	32A
MDHSTNSZ	32C	32E
MDHVUASZ	338	33A
MDJPRTY	174	0
MDJSTERR	1D4	
MDJSTGET	1D0	
MDJSTRD	1C0	
MDJSTREL	1C8	
MDJSTWRT	1C4	
MDJVTGET	1D8	
MDMCRJST	70C	
MDMCRSDG	714	0
MDMCRVLM	710	
MDMNLMEP	244	
MDMRQNDX	54A	0
MDMRSVD	715	0
MDMSGBLD	1DC	
MDMSGRSV	54B	0
MDMSGRTE	1E0	
MDMSVRSV	294	0
MDOPMSEP	23C	
MDOPRLIM	80	0
MDPRTY	174	175
MDRADYN	60	1
MDRALLOC	60	10
MDRDYNAL	60	4
MDREQELG	60	2
MDREQSTX	4E4	4EC
MDREQST1	4A4	40404040
MDREQST2	4AC	40404040
MDREQST3	4B4	40404040
MDREQST4	4BC	40404040
MDREQST5	4C4	40404040
MDREQST6	4CC	40404040
MDREQST7	4D4	40404040
MDREQST8	4DC	40404040

Table 447. Cross Reference for IATYMDS (continued)

Name	Offset	Hex Tag
MDREQST9	4E4	40404040
MDRESVOL	348	0
MDRFIRST	5F	80
MDRFLG1	5F	0
MDRFLG2	60	0
MDRFSTST	5F	8
MDRNOCON	5F	40
MDRNODEV	60	40
MDRNOMPC	60	80
MDRQPUTD	5F	10
MDRQSTPN	16B	0
MDRSCAND	5F	20
MDRSETVL	60	20
MDRSTRTQ	40	0
MDRVERFY	60	8
MDSAGEON	62	40
MDSAL	4C	20
MDSALC	61	10
MDSALECF	4C	4F
MDSALERR	1F0	
MDSALMNT	8B	2
MDSALMSK	C0	0
MDSALPRD	8B	8
MDSALRQ	E0	0
MDSAMAR	4C	80
MDSAMSGQ	3C8	0
MDSARLCP	17C	
MDSARLRF	A0	0
MDSARLSC	9C	0
MDSASCS	61	4
MDSASYNC	4C	2
MDSATMPT	94	0
MDSAUTO	8B	80
MDSAVHW1	156	0
MDSAVHW2	158	0
MDSBAR	62	80
MDSBARC	63	80
MDSBFLG1	5E	0
MDSBF101	5E	1
MDSBF102	5E	2
MDSBF104	5E	4
MDSBF108	5E	8
MDSBF110	5E	10
MDSBK	4C	80
MDSBKMNT	8B	1
MDSBSAVE	118	0

Table 447. Cross Reference for IATYMDS (continued)

Name	Offset	Hex Tag
MDSBSTPE	118	118
MDSBTYPE	DC	0
MDSCDD	4C	20
MDSCDPTH	62	1
MDSCKWT	4C	10
MDSCLSPT	AC	0
MDSCNAME	E4	0
MDSCNDB	4EC	
MDSCNECT	1CC	
MDSCNMSK	6A	20
MDSCNQ	4C	4
MDSCNSMS	6A	10
MDSCOMFN	64	80
MDSCOUNT	210	
MDSCRDBL	198	
MDSCREND	1B0	1B3
MDSCRJID	1A7	40404040
MDSCRST	1A1	E2C3D9E3
MDSCRSTE	1B0	1B2
MDSCRSTN	198	19E
MDSCRSTP	1B0	404040
MDSCRTCH	1A0	
MDSCRVLM	418	0
MDSCSS	744	0
MDSCUFCT	188	
MDSCURRM	568	D4
MDSCURRQ	568	D9
MDSCURRS	568	E2
MDSCURRV	568	E5
MDSCUTYP	568	40
MDSDAL	4C	80
MDSDARET	146	0
MDSDASUB	14E	0
MDSDDRDC	177	0
MDSDDREC	571	0
MDSDDRFG	178	0
MDSDDRIP	178	1
MDSDDRNP	178	FE
MDSDDRRS	571	80
MDSDDRSI	571	40
MDSDDRTC	176	0
MDSDDRWT	178	80
MDSDEFER	63	10
MDSDEVAV	4C	80
MDSDEVFL	61	1
MDSDEVRQ	168	80

Table 447. Cross Reference for IATYMDS (continued)

Name	Offset	Hex Tag
MDSDFR	82C	
MDSDFRCT	8B	20
MDSDSBLD	1B8	
MDSDSBUF	360	0
MDSDSCAN	64	40
MDSDSCNA	15C	0
MDSDSLCK	404	0
MDSDSNSZ	8A	
MDSDSRSV	63	20
MDSDSSCN	5E	80
MDSDTSAV	4C	20
MDSDTSRQ	168	20
MDSDUL	4C	40
MDSDVDES	134	0
MDSDVRDA	63	4
MDSDVRGR	63	1
MDSDVRSV	63	F
MDSDVRTA	63	8
MDSDVRUR	63	2
MDSDYCHN	1FC	
MDSDYHDR	118	120
MDSDYNAL	61	8
MDSDYNDR	1F8	
MDSECF	4C	4C
MDSECFAD	48	
MDSECFAR	4C	0
MDSELEP	248	
MDSENDVL	3B8	0
MDSEND1	8CC	8F4
MDSEREGS	560	54C
MDSERROR	21C	
MDSER0	558	0
MDSER1	55C	0
MDSER10	54C	0
MDSER14	550	0
MDSER15	554	0
MDSER2	560	0
MDSEVRFT	570	B
MDSEVRNE	570	0
MDSEVRNG	570	
MDSEVRRT	570	C
MDSFCT	8C	0
MDSFE	4C	4
MDSFEMNT	8B	4
MDSFENCE	1E8	
MDSFEPRD	8B	10

Table 447. Cross Reference for IATYMDS (continued)

Name	Offset	Hex Tag
MDSFESV1	278	278
MDSFESV2	278	27C
MDSFETCH	8B	40
MDSFLEND	70	
MDSFLG1	61	0
MDSFLG2	62	0
MDSFLG3	63	0
MDSFLG4	64	0
MDSFNCDN	4C	8
MDSFNCPD	168	8
MDSGBATC	6A	8
MDSGCDYN	68	40
MDSGCSBT	6A	4
MDSGDGSV	864	
MDSGDJST	5E	40
MDSGEDYN	69	20
MDSGEJOB	69	40
MDSGESTP	69	10
MDSGFLG1	67	0
MDSGFLG2	68	0
MDSGFLG3	69	0
MDSGFLG4	6A	0
MDSGIODR	68	4
MDSGIOIQ	68	10
MDSGIOMO	68	8
MDSGJCAT	68	80
MDSGJCHK	69	4
MDSGJEOD	68	2
MDSGJMDS	68	20
MDSGJREL	69	8
MDSGJSIN	69	80
MDSGJSTP	69	2
MDSGMODO	69	1
MDSGRERR	68	1
MDSGRPPT	A8	0
MDSIDYAL	4C	20
MDSIDYFE	4C	40
MDSIDYNQ	4C	1
MDSIDYVE	4C	2
MDSIECF	4C	4E
MDSIOERR	1EC	
MDSIORD	569	D9
MDSIORL	569	D3
MDSIORSV	56D	0
MDSIOTYP	569	40
MDSIOWR	569	E6

Table 447. Cross Reference for IATYMDS (continued)

Name	Offset	Hex Tag
MDSIPOST	4C	1
MDSITIME	4C	8
MDSIVERL	6A	1
MDSJSAVE	100	0
MDSJSSEQ	136	0
MDSJSTBF	F0	0
MDSJSTEP	F4	0
MDSJSTHD	EC	0
MDSJSTIN	62	20
MDSJSTPC	F8	0
MDSJSTRQ	FC	0
MDSJSTSV	118	11C
MDSJUN	214	
MDSJVFY	572	23E5C5
MDSMDPTH	62	2
MDSMNMSK	E8	0
MDSMSG	4C	40
MDSMSGSV	6F8	0
MDSMSUSZ	330	0
MDSMSVAR	4C	4
MDSMSVCR	79	
MDSMSVCT	7B	40
MDSMSVCV	79	F0F0
MDSMTMSG	62	8
MDSNAMCT	70	0
MDSNCBPT	A4	0
MDSNONPR	62	4
MDSNTYPE	13A	0
MDSOPTN	8B	0
MDSOPT2	78	0
MDSOTADJ	172	0
MDSOTRET	14A	0
MDSOTSUB	152	0
MDSPMWRK	7FC	
MDSPRESC	61	2
MDSRECID	56A	404040
MDSREGSV	278	0
MDSRESRV	82	0
MDSRESVD	7D3	0
MDSREUSE	7C	0
MDSRQDA	16C	0
MDSRQOT	16E	0
MDSRQSAV	7CC	0
MDSRQTA	16D	0
MDSRQVU	16F	0
MDSRSCAL	1F4	

Table 447. Cross Reference for IATYMDS (continued)

Name	Offset	Hex Tag
MDSRSCAN	61	20
MDSRSCUP	61	40
MDSRST	4C	8
MDSRSVD	62	10
MDSRSVDD	72	0
MDSRSVDS	74	0
MDSRSVDU	2CC	0
MDSRSVDV	830	0
MDSRSVD1	179	0
MDSRSVD2	320	0
MDSRSVD3	260	0
MDSRSVD4	C4	0
MDSRSVD5	5B	0
MDSRSVD6	280	0
MDSRSVD7	15A	0
MDSRSVSV	88C	0
MDSRSVS1	170	
MDSRTERM	5F	2
MDSR1ECF	4C	50
MDSR2ECF	4C	51
MDSSAL	4C	8
MDSSAVL1	B0	0
MDSSAVL2	B4	0
MDSSCAN	61	80
MDSSDGSZ	334	0
MDSSDZER	78	80
MDSSECND	5F	4
MDSSETSZ	328	0
MDSSMSRC	6A	40
MDSSSALL	4C	FF
MDSSSECF	4C	4D
MDSSTNSZ	32C	0
MDSSUCCS	98	0
MDSSVTYP	5D	0
MDSSYSAD	31C	0
MDSSYSIZ	324	326
MDSSYSSZ	324	0
MDSTAADJ	171	0
MDSTARET	148	0
MDSTART	0	
MDSTASUB	150	0
MDSTRACE	20C	
MDSUBEND	23C	
MDSUBRSV	228	
MDSUBSRT	1B4	
MDSUPCAT	1E4	

Table 447. Cross Reference for IATYMDS (continued)

Name	Offset	Hex Tag
MDSUSER	8CC	0
MDSVBSRQ	168	40
MDSVER	4C	10
MDSVERID	16A	0
MDSVFMSG	166	0
MDSVFY	4C	10
MDSVFYDN	4C	10
MDSVFYPD	168	10
MDSVLBLD	1BC	
MDSVLBUF	364	0
MDSVLCHN	368	
MDSVLLCK	7D2	0
MDSVLRSV	63	40
MDSVLSEQ	138	0
MDSVLSUM	478	0
MDSVLTOT	4A0	0
MDSVOLAV	4C	40
MDSVRL	4C	2
MDSVUADJ	173	0
MDSVUASZ	338	0
MDSVURET	14C	0
MDSVUSUB	154	0
MDSWKARE	868	88C
MDSWKLEN	868	
MDSWKONE	868	868
MDSWKTWO	868	86C
MDSWLMEV	4C	1
MDSWORK	190	0
MDSWRKAR	868	0
MDSXDELY	800	
MDSXSCHE	800	
MDSXSCHE_XPLISTLEN	802	
MDSXSCHE_XRSV0001	801	
MDSXSCHE_XRSV001C	81C	
MDSXSCHE_XSCHENV	804	
MDSXSCHE_XSYSTEM_NAME	814	
MDSXSCHE_XVERSION	800	
MDSXSCHEL	81C	2C
MDSYSACH	704	
MDSYSRSV	67	4
MDS25NDM	142	0
MDS25NMV	144	0
MDS25NTM	140	0
MDS25RSD	858	0
MDS25RST	854	0
MDS25UIF	85C	40404040

Table 447. Cross Reference for IATYMDS (continued)

Name	Offset	Hex Tag
MDS5914	6A	2
MDTRCEND	5EC	
MDTRCFMX	5DA	40404040
MDTRCMOD	5B9	404060
MDTRCNAM	5C0	40404040
MDTRCNUM	5CA	40404040
MDTRCRC	5D4	5D8
MDTRCRET	12C	0
MDTRCSIZ	5F3	E
MDTRCSTR	5B4	C9C1E3D4
MDTRCSZJ	5F3	F
MDTRCSZ2	5F3	9
MDTRCTO	5E1	40E3D640
MDTRCTOX	5E5	40404040
MDTRCTYP	5BC	40404040
MDTRCVRB	5D4	40404040
MDTRJSEN	5F3	
MDTRMAIN	5EB	40404040
MDTRMXSZ	5F3	3F
MDTRRQJS	5DA	40404040
MDTRRQSP	5EA	40
MDTRSAVE	124	0
MDUAFDYN	220	
MDUX71CL	218	
MDVADFR	585	585
MDVAEND	593	596
MDVAEXPD	584	40
MDVALABL	582	40
MDVARING	583	40
MDVASCR	585	585
MDVATYPE	57C	E5D6D3
MDVAUADR	585	587
MDVAUNIT	578	40404040
MDVAUXMD	58D	40404040
MDVAVOL	585	40404040
MDVDMNTD	66	80
MDVDNACC	66	40
MDVERFYQ	34	0
MDVFLG1	65	0
MDVFLG2	66	0
MDVFYEP	254	
MDVJFAIL	65	40
MDVJRSTR	65	20
MDVMPRED	65	10
MDVOCMD	596	
MDVODEV	59A	40404040

Table 447. Cross Reference for IATYMDS (continued)

Name	Offset	Hex Tag
MDVOEND	5A3	5AB
MDVOEND2	5AB	5B2
MDVOLEN1	5B2	
MDVOLEN2	5B2	
MDVOLUAQ	30	0
MDVOLWTQ	28	0
MDVOPROC	5A3	40404040
MDVOST	597	5CE540
MDVREMNT	65	80
MDVTRTAB	5F3	0
MDVUTFDB	33C	0
MDWLMEEP	25C	
MDXFLG1	6B	0
MDXTCTAD	90	
MDYDEQRQ	204	
MDYFNDSA	200	
MDYNALOQ	44	0
MPCSAV	7AC	0
M00M0009	0	800
REG2SAV	7B0	0
RSCURFDB	7B4	0
RSNALOCQ	71C	4
RSNFAILS	71C	10
RSNFETCH	71C	0
RSNNOBUF	71C	18
RSNNOJST	71C	1C
RSNPRMIO	71C	14
RSNREST	71C	C
RSNSRSFL	71C	28
RSNSYSSL	71C	20
RSNSYVER	71C	24
RSNVERF	71C	8
RSNXTFDB	7C0	0
SAVEDJST	7D0	0
SCRTCH	41C	E2C3D9E3
UX62LABR	72A	
UX62LEND	734	744
UX62LIST	720	
UX62MLAB	732	
UX62MRNG	733	
UX62MVOL	72C	
UX62RNGR	72B	
UX62RSQ	720	
UX62TEXT	734	
UX62VOLR	724	
UX71APND	7EE	

Table 447. Cross Reference for IATYMDS (continued)

Name	Offset	Hex Tag
UX71DEV	7E4	
UX71DSN	7E0	
UX71INST	7EE	
UX71JNAM	7D8	
UX71LEND	7FB	7FC
UX71LIST	7D4	
UX71LNTH	7FC	
UX71MDSP	7E8	
UX71MESG	7D4	
UX71OUTL	7FC	
UX71RSVD	7FB	
UX71VOL	7DC	
VOLLOCKD	7D2	80

IATYMEM information

IATYMEM programming interface information

The following fields are **NOT** programming interface information:

- *0080
- *0080
- *0104
- *0104
- *0104
- *0104
- MEMBACB
- MEMBEJPD
- MEMBEJWT
- MEMDMSAV
- MEMDSB
- MEMJACB
- MEMJMUPD
- MEMJMUWT
- MEMRRDSB
- MEMSACB
- MEMSISAV
- MEMTPB

IATYMEM heading information

Common name:	MEMORY DATA BLOCK
Macro ID:	IATYMEM
DSECT name:	MEMDSECT, MEMENTRY
Owning component:	JES3 (SC1BA)

Eye-catcher ID: MEMH (MEMDSECT), MEME (MEMENTRY)
Offset: 0, 0
Length: 4, 4

Storage attributes: Main Storage: Subpool 241
Auxiliary Storage: N/A
Key: Key 1 (JESKEY)
Residency: ANY

Size: MEMHSIZE (for MEMDSECT),
MEMESIZE (for MEMENTRY)

Created by: IATINM3, IATSSCM

Pointed to by: MPMEMD IN IATYMPC,
MEMCHAIN in IATYMEM

Serialization: LOCAL and CMS locks must be held when accessing MEM chain or another address space's MEM
LOCAL lock must be held when accessing the current address space's MEM

Function: THIS DATA AREA PROVIDES A SAVE AREA OF STORAGE-RELATED INFORMATION FOR THE LIFE OF EACH ADDRESS SPACE USING JES3 SUBSYSTEM INTERFACE COMMON SERVICES.

IATYMEM mapping

Table 448. Structure MEMDSECT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	MEMDSECT	
0	(0)	CHARACTER	4	MEMHID	- MEMDATA HEADER ID
4	(4)	SIGNED	4	MEMCHAIN	- POINTER TO NEXT MEMDATA
8	(8)	SIGNED	4	MEMRECB	RESPONSE ECB 0183
12	(C)	ADDRESS	4	MEMRBUFF	ADDRESS OF RESPONSE BUFFER 0183
16	(10)	SIGNED	4	MEMWISEQ	Sequence number of WLM managed initiator (for an explanation see SVTWISEQ)
20	(14)	SIGNED	4	MEMSSVT	- JES3 SSVT ADDRESS
24	(18)	SIGNED	4	MEMFSSGT	FSS GROUPTOKEN FROM FSCB
28	(1C)	BITSTRING	8	MEMINIT	Initiator group
36	(24)	SIGNED	2	MEMASID	- ASID OF THIS MEMORY
38	(26)	BITSTRING	1	MEMHFLG1	MEMDATA HEADER FLAG 1
		DEFINITION OF MEMHFLG1			
		1...		MEMISTP	"X'80'" STOP THIS INIT NEXT SELECT
		.1..		MEMISTRT	"X'40'" STARTING AN INIT
		..1.		MEMHDSEL	"X'20'" DEMAND SELECT OUTSTANDING
		...1		MEMWLMSL	"X'10'" Select outstanding for a WLM managed initiator
		.... 1...		MEMNOSR	"X'08'" JST MUST RE-READ
		.... .1..		MEMAPPC	"X'04'" APPC INITIATOR MEMDATA
		.... ..1.		MEMWLMIN	"X'02'" WLM managed initiator
		1		MEMAFSET	"X'01'" IATXSIAF SET in progress
39	(27)	BITSTRING	1	MEMHFLG2	MEMDATA HEADER FLAG 2
		DEFINITION OF MEMHFLG2			
		1...		MEMFSS	"X'80'" ADDRESS SPACE CONTAINS A FSS
		.1..		MEMFSNRT	"X'40'" SPECIAL FSS MESSAGE ROUTING IS NOT REQUIRED

Table 448. Structure MEMDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		MEMCIFST	"X'20'" CIFSS TERMINATING
		...1		MEMFSSTM	"X'10'" FSS TERMINATING
		.... 1...		MEMNOJLG	"X'08'" DON'T LOG WTOS IN THE JOB LOG (JESMSGLG)
		.... .1..		MEMNETSV	"X'04'" Address space is a NETSERV
		.... ..1.		MEMHSYSL	"X'02'" SYSLOG address space
		1		MEMHF201	"X'01'" Reserved for IBM
40	(28)	SIGNED	4	MEMNTRY1	- MEMENTRY 1 ADDRESS
44	(2C)	SIGNED	4	MEMNTRY2	- MEMENTRY 2 ADDRESS
48	(30)	ADDRESS	4	MEMASCB	ADDR OF ASCB FOR THIS MEMORY
52	(34)	SIGNED	4	MEMDMSAV(18)	SAVE AREA FOR DATA MAN USE
124	(7C)	ADDRESS	4	MEMALLOC	FOR ALLOC. SSI'S USE ONLY
128	(80)	SIGNED	4	MEMHUSER(2)	RESERVED FOR USER
136	(88)	BITSTRING	8	MEMHJBID	JOB ID SAVE FOR SIJS
144	(90)	SIGNED	4	MEMEOMCC	EOM condition code (copy of ASCBMCC)

```
EMHCNDB IATYCNDB DSECT=NO CONSOLE INFORMATION FOR
                                  MESSAGE ROUTING:
                                    - CONTAINS CONSOLE
                                      INFORMATION FOR AN FSS
                                      ONLY IF MEMFSS=1.
   IATYCNDB_1:;
   START OF SPECIFICATIONS
  01 PROPRIETARY STATEMENT=
    PROPRIETARY_STATEMENT
    LICENSED MATERIALS - PROPERTY OF IBM
    5647-A01 COPYRIGHT IBM CORP. 1989, 2010
    STATUS= HJS7770
    END_OF_PROPRIETARY_STATEMENT
      This data area is maintained as a CASE mapping macro.
      Changes should be made to the CASE source and then
      the PLX and Assembler should be regenerated.
      Do NOT make changes to the PLX or Assembler directly!
  01 Descriptive Name: Console Destination Block
        Acronym: CNDB
  01 Macro Name: IATYCNDB
  01 DSECT name: IATYCNDB
         --based variable for storage mapping
  01 Component: JES3 (SC1BA)
  01 Function:
  02 The console destination block is a control block that
        contains information related to the destination that
        messages should be sent to. This control block is built
        as commands are entered into to the system and is used by
        command processors as a destination for where to return
        messages to. The control block is imbeded in other
        control blocks and the size of the data area must not
        change (otherwise a JES3 cold start is required). The
        data is referenced by non-source maintained modules, so
        offsets into the data area must not change.
  01 Eye-Catcher: CNDBEYE
  02 Offset: 4
  02 Length: 4
  01 Language: PL/X
  01 Storage attributes:
  02 Allocation Method: Imbeded within other control blocks
  02 Main Storage: 94
  02 Virtual Storage: 94
  02 Auxiliary Storage: 94
  02 Subpool: n/a
  02 Key: 1
  02 Data Space: N/A
  02 Residency: any
  02 Frequency: n/a
  02 Size: 94
```

Table 448. Structure MEMDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
					02 Created by: n/a 02 Deleted by: n/a 02 Pointed to by: Imbeded within other control blocks 02 Serialization: none 01 EXTERNAL CLASSIFICATION: DMTI 01 END OF EXTERNAL CLASSIFICATION: 01 Method Of access: 02 ASM: IATYCNDB 02 PLX: %INCLUDE SYSLIB(IATYCNDB) 01 CHANGE ACTIVITY: $QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support $RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init $T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0 CASE/390 - VERSION 49 END OF SPECIFICATIONS
148	(94)	SIGNED	4	MEMHCNDB(0)	IATYCNDB.27: based variable for storage mapping
148	(94)	SIGNED	4		Four byte console id 0176
152	(98)	CHARACTER	4		IATYCNDB eyecatcher
156	(9C)	ADDRESS	4		IATYCNDB version
160	(A0)	BITSTRING	8		Reserved for development
168	(A8)	BITSTRING	8		Console Name 0176
176	(B0)	BITSTRING	24		Reserved for development
200	(C8)	SIGNED	2		Reserved for development
202	(CA)	BITSTRING	40		Reserved for development MESSAGE ROUTING: - CONTAINS CONSOLE INFORMATION FOR AN FSS ONLY IF MEMFSS=1.
242	(F2)	BITSTRING	2	MEMAFDM(0)	Destination and Modifier
242	(F2)	ADDRESS	1	MEMAFFUN	code for IATXSIAF request
243	(F3)	ADDRESS	1	MEMAFMOD	currently in progress
244	(F4)	BITSTRING	1	MEMWTOCH	WTO limit change indicator
					THE DEFINITIONS OF THE FSS TYPES ARE IN IATYFSS.
245	(F5)	BITSTRING	1	MEMFSTYP	TYPE OF FUNCTIONAL SUBSYSTEM 0832
246	(F6)	SIGNED	2	MEMRSVS1	Reserved for Service
248	(F8)	ADDRESS	4	MEMHSDVT	SDVT level 1 address 15606T6C
252	(FC)	SIGNED	4	MEMWTOCT	WTO count for the address space
256	(100)	DBL WORD	8	MEMIVSTR	WTO period begin in STCK format
256	(100)	X'100'	0	MEMIVSTW	"MEMIVSTR,4" First word of MEMIVSTR
264	(108)	SIGNED	4	MEMWTOCL	Number of consecutive times the WTO limit was exceeded
268	(10C)	SIGNED	4	MEMRSVS2	Reserved for Service
272	(110)	CHARACTER	8	MEMHSRVC	Service class name
280	(118)	SIGNED	4	MEMWLMCT	WLM classification token
284	(11C)	BITSTRING	4	MEMSRMTK	WLM SRM token
288	(120)	BITSTRING	8	MEMATOKN	Address space token
296	(128)	BITSTRING	16	MEMTTOKN	Task token
312	(138)	SIGNED	4	MEMRSVS3	Reserved for IBM
					Counters to keep track of concurrent SSI requests. The fields must be updated using IATXSIAF service.
316	(13C)	SIGNED	4	MEMACTST(0)	Activity area start

Table 448. Structure MEMDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
316	(13C)	SIGNED	4	MEMSIOPA	PSO
320	(140)	SIGNED	4	MEMSICNA	CANCEL
324	(144)	SIGNED	4	MEMSISTA	STATUS (classic)
328	(148)	SIGNED	4	MEMSIJBS	Job select
332	(14C)	SIGNED	4	MEMSIJBT	Job termination
336	(150)	SIGNED	4	MEMSIJBR	Job re-enqueue
340	(154)	SIGNED	4	MEMSIANU	Notify user
344	(158)	SIGNED	4	MEMSIASP	SAPI
348	(15C)	SIGNED	4	MEMSIAES	Extended status
352	(160)	SIGNED	4	MEMSIJPC	JES Properties class
356	(164)	SIGNED	4	MEMSIJPN	JES Properties nodes
360	(168)	SIGNED	4	MEMSIJPS	JES Properties spool
364	(16C)	SIGNED	4	MEMSIJPI	JES Properties inits
368	(170)	SIGNED	4	MEMSIJPX	JES Properties JESPLEX
372	(174)	SIGNED	4	MEMSIAWO	WTO
376	(178)	SIGNED	4	MEMSIJEN	ENDREQ
380	(17C)	SIGNED	4	MEMSIAJD	JDS access
384	(180)	SIGNED	4	MEMSISET	SETUP request
388	(184)	SIGNED	4	MEMSIDYA	Dynamic allocation
392	(188)	SIGNED	4	MEMSITCP	TCP/IP NJE global request
396	(18C)	SIGNED	4	MEMCMFCC	Comm. from WTR FSS
400	(190)	SIGNED	4	MEMCIDRC	FSS CI driver
404	(194)	SIGNED	4	MEMVALDS	Validate destination
408	(198)	SIGNED	4	MEMSJSRV	SJF services
412	(19C)	SIGNED	4	MEMSI83	JES Device Information
416	(1A0)	SIGNED	4	MEMDYDDN	Change DD name via dynamic allocation
420	(1A4)	SIGNED	4	MEMACTCD	Allocation via SSOBDYCD
424	(1A8)	SIGNED	4	MEMACTNQ	Change ENQ use attribute
428	(1AC)	SIGNED	4	MEMACTDD	Change DD name
432	(1B0)	SIGNED	4	MEMSPWT	Waiting for spool space 18119TAC
436	(1B4)	SIGNED	4	MEMR2ANM	Reserved for IBM - no mod
440	(1B8)	SIGNED	4	MEMR3ANM	Reserved for IBM - no mod
444	(1BC)	SIGNED	4	MEMR1AMD	Reserved for IBM - mod
448	(1C0)	SIGNED	4	MEMR2AMD	Reserved for IBM - mod
452	(1C4)	SIGNED	4	MEMACTEN(0)	Activity area end
452	(1C4)	X'88'	0	MEMACTSZ	"MEMACTEN-MEMACTST" Activity area size
452	(1C4)	SIGNED	4	MEMHEND(0)	- END OF MEMDATA HEADER
452	(1C4)	BITSTRING	1	MEMHSIZE(0)	- MEMDATA HEADER SIZE = L'MEMHSIZE

Table 449. Structure MEMENTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	MEMENTRY	
0	(0)	CHARACTER	4	MEMEID	- MEMDATA ENTRY ID
4	(4)	SIGNED	4	MEMHEAD	- ADDRESS OF MEMDATA HEADER

Table 449. Structure MEMENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
8	(8)	BITSTRING	1	MEMFLG1	- FLAG1
		DEFINITION OF MEMFLG1			
		1...		MEMDJOB	"X'80'" - THIS IS A DEMAND SELECT ENTRY
		.1..		MEMABNRL	"X'40'" - TASK HAS ABNORMALLY TERMINATED
		..1.		MEMRJPJB	"X'20'" - JOB IS FROM RJP
		...1		MEMITERM	"X'10'" P INIT REC'D FOR THIS INIT
		.... 1...		MEMNACTV	"X'08'" THIS MEME NOT ACTIVE
		.... .1..		MEMTSOJB	"X'04'" JOB IS TSO SESSION (LOGON)
		.... ..1.		MEMJES3R	"X'02'" JOB IS BEING JES3 RESTARTED
		1		MEMJTREQ	"X'01'" JOB TERM/REQUEUE JSQ SENT
9	(9)	BITSTRING	1	MEMFLG2	- FLAG2
		DEFINITION OF MEMFLG2			
		1...		MEMSPT	"X'80'" JESYSMSG POINT DONE
		.1..		MEMJPTI	"X'40'" JOURNAL INPUT POINT DONE
		..1.		MEMJPTO	"X'20'" JOURNAL OUTPUT POINT DONE
		...1		MEM722	"X'10'" - PROCESSING ABEND722
		.... 1...		MEMLRL10	"X'08'" LOCATE DONE ON JES3 REL 10 (SMS UNIT AFF SSI SUPPORTED)
		.... .1..		MEMCOWER	"X'04'" COW chain error condition
		.... ..1.		MEMMPT	"X'02'" JESMSGLG point done
		1		MEMRCST	"X'01'" Return code set indicator
10	(A)	BITSTRING	1	MEMLIMF	LIMIT FLAGS
		DEFINITION OF MEMLIMF			
		1...		MEMCANB	"X'80'" CANCEL JOB ON MAX BYTES
		.1..		MEMDMPB	"X'40'" CANCEL JOB WITH DUMP ON MAX BYTES
		..1.		MEMCANP	"X'20'" CANCEL JOB ON MAX PAGES
		...1		MEMDMPP	"X'10'" CANCEL JOB WITH DUMP ON MAX PAGES
		.... 1...		MEMCANC	"X'08'" - CANCEL JOB ON MAX CARDS
		.... .1..		MEMDMPC	"X'04'" - CANCEL JOB WITH DUMP ON MAX CARDS
		.... ..1.		MEMCANL	"X'02'" - CANCEL JOB ON MAX LINES
		1		MEMDMPL	"X'01'" - CANCEL JOB WITH DUMP ON MAX LINES
11	(B)	BITSTRING	1	MEMTFLG	TRANSACTION RELATED FLAGS
		DEFINITION OF BITS IN MEMTFLG			
		1...		MEMTSNEW	"X'80'" - SYSOUT USERID CHANGED
		.1..		MEMTPACT	"X'40'" - TP IS CURRENTLY ACTIVE
12	(C)	BITSTRING	2	MEMWARNI	WARNING INCRE PERCENTAGES CARDS, LINES, BYTES, PAGES
14	(E)	BITSTRING	1	MEMRFLG	RESTART FLAGS

Table 449. Structure MEMENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF BITS IN MEMRFLG			
		1...		MEMRSR	"X'80'" - STEP RESTART
		.1..		MEMRCR	"X'40'" - CHECKPOINT RESTART
		..1.		MEMRCN	"X'20'" - CONTINUE RESTART
		...1		MEMRJQ	"X'10'" - PUT JOB IN HOLD
		.... 1...		MEMRWARM	"X'08'" - WARMSTART JOB
15	(F)	BITSTRING	1	MEMRECFM	RECORD FORMAT AND ASA
16	(10)	BITSTRING	1	MEMFLG7	Flag 7
		DEFINITION OF BITS IN MEMFLG7			
		1...		MEMJSAB	"X'80'" - JSAB WAS CREATED
		.1..		MEMDEFSC	"X'40'" A deferred service class check is required
		..1.		MEMJMUER	"X'20'" JMU storage obtain error
		...1		MEMFG010	"X'10'" Reserved for IBM 0005
		.... 1...		MEMCMSPN	"X'08'" Spinoff of JESMSGLG and 0099 JESYSMSG due to op cmd 0099
		.... .1..		MEMXJMCL	"X'04'" JESMSGLG IRB close 0079 serialization flag 0079
		.... ..1.		MEMCHCL	"X'02'" Cancelable job step
		1		MEMAUTOR	"X'01'" Terminated by auto-restart
17	(11)	BITSTRING	1	MEMSERFL	Serialized flag
		The flags defined in MEMSERFL must be serialized using compare and swap logic.			
		1...		MEMJMSRB	"X'80'" JESMSG SRB is active
		.1..		MEMJOBSL	"X'40'" Job select active 08881SXC
		..1.		MEMCLRTM	"X'20'" CALLRTM issued for this job 08881SXC
		...1		MEMSER10	"X'10'" Reserved for IBM
		.... 1...		MEMSER08	"X'08'" Reserved for IBM
		.... .1..		MEMSER04	"X'04'" Reserved for IBM
		.... ..1.		MEMSER02	"X'02'" Reserved for IBM
		1		MEMSER01	"X'01'" Reserved for IBM
18	(12)	BITSTRING	2	MEMRSV1	Reserved for Development
		EMECNDB IATYCNDB DSECT=NO CONSOLE INFORMATION FOR MESSAGE ROUTING: - CONTAIN CONSOLE FOR AN RJP REMOTE ONLY IF MEMRJPJB=1 IS SET IN THE JOBS's MEMENTRY MEMRJPJB=1 IS SET IN IATYCNDB_1:;			
20	(14)	SIGNED	4	MEMECNDB(0)	IATYCNDB.27: based variable for storage mapping
20	(14)	SIGNED	4		Four byte console id 0176
24	(18)	CHARACTER	4		IATYCNDB eyecatcher
28	(1C)	ADDRESS	4		IATYCNDB version
32	(20)	BITSTRING	8		Reserved for development

Table 449. Structure MEMENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
40	(28)	BITSTRING	8		Console Name 0176
48	(30)	BITSTRING	24		Reserved for development
72	(48)	SIGNED	2		Reserved for development
74	(4A)	BITSTRING	40		Reserved for development
114	(72)	BITSTRING	2	MEMERSV1	Reserved for IBM
116	(74)	SIGNED	4	MEMSTMT	STATEMENT NUMBER OF LAST OUTPUT STATEMENT
		The next field represents a histogram of the last two TSO status request sizes. Each byte, multiplied by x'100', is the SSSCDIMP field content rounded up to the next X'100' boundary.			
120	(78)	BITSTRING	1	MEMSTSZ(2)	TSO status request area sz.
122	(7A)	BITSTRING	8	MEMJBID	JOB ID
130	(82)	BITSTRING	8	MEMJNAME	- JOB NAME
138	(8A)	BITSTRING	8	MEMJDVT	- JDVT NAME
146	(92)	CHARACTER	18	MEMODSN	SYSOUT DATA SET NAME
146	(92)	X'92'	0	MEMPROC	"MEMODSN,8,C'C'" PROC NAME
146	(92)	X'9A'	0	MEMPT1	"MEMODSN+8,1,C'C'" PERIOD DELIMITER
146	(92)	X'9B'	0	MEMSTEP	"MEMODSN+9,8,C'C'" STEP NAME
146	(92)	X'A3'	0	MEMPT2	"MEMODSN+17,1,C'C'" PERIOD DELIMITER
164	(A4)	CHARACTER	26	MEMPRSYS	DSNAME FOR PROCESS SYSOUT
190	(BE)	BITSTRING	2	MEMRSVS4	Reserved for Service
192	(C0)	SIGNED	4	MEMACTL	- ACTUAL LINE COUNT
192	(C0)	X'C0'	0	MEMLNCDS	"MEMACTL,16" - LINES/CARDS ACTUALS/MAX
196	(C4)	SIGNED	4	MEMACTC	- ACTUAL CARD COUNT
200	(C8)	SIGNED	4	MEMMAXL	- MAXIMUM LINE COUNT
204	(CC)	SIGNED	4	MEMMAXC	- MAXIMUM CARD COUNT
208	(D0)	SIGNED	4	MEMMAXLE	- LINE COUNT FOR EXCESSION MSG
212	(D4)	SIGNED	4	MEMMAXCE	- CARD COUNT FOR EXCESSION MSG
216	(D8)	SIGNED	4	MEMACTB	- ACTUAL BYTE COUNT
216	(D8)	X'D8'	0	MEMBYPGS	"MEMACTB,16" BYTES/PAGES ACTUALS/MAX
220	(DC)	SIGNED	4	MEMACTP	- ACTUAL PAGE COUNT
224	(E0)	SIGNED	4	MEMMAXB	- MAXIMUM BYTE COUNT
228	(E4)	SIGNED	4	MEMMAXP	- MAXIMUM PAGE COUNT
232	(E8)	SIGNED	4	MEMMAXBE	- BTYE COUNT FOR EXCESSION MSG
236	(EC)	SIGNED	4	MEMMAXPE	- PAGE COUNT FOR EXCESSION MSG
240	(F0)	SIGNED	4	MEMJCC	- JOB COMPLETION CODE
244	(F4)	SIGNED	4	MEMSISAV	TEMPORARY SAVE AREA FOR JOBS
248	(F8)	BITSTRING	6	MEMTTRAC	1ST SPOOL ADDRESS OF JST 2232
254	(FE)	SIGNED	2	MEMALGN1	WORD ALIGNMENT 2232
256	(100)	SIGNED	4	MEMDSS	FIRST DSS OF DSS CHAIN
256	(100)	X'100'	0	MEMDSB	"MEMDSS,4" ADDRESS OF DSB
260	(104)	CHARACTER	4	MEMFCBID	FCB ID FOR 3211 PRINTER
264	(108)	CHARACTER	4	MEMUCSID	UCS IMAGE TO BE LOADED
268	(10C)	SIGNED	4	(0)	FORCE ALIGNMENT FOR RAB

Table 449. Structure MEMENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
268	(10C)	BITSTRING	112	MEMRAB	RECORD ALLOCATION BLOCK
380	(17C)	SIGNED	4	MEMJNUM	Job number (binary)
384	(180)	BITSTRING	1	MEMSTEPN	CURRENT STEP NUMBER
385	(181)	BITSTRING	1	MEMNSTEP	NO. OF STEPS IN THIS JOB
386	(182)	BITSTRING	6	MEMPSRBA	SPOOL ADDR - PROCESS SYSOUT 2232
392	(188)	BITSTRING	1	MEMALGN2	Reserved for IBM
393	(189)	BITSTRING	1	MEMJMABC	JESMSG abend count
394	(18A)	BITSTRING	1	MEMSPFLG	JESMSGLG & JESYSMSG spinoff flag byte
		Definition of MEMSPFLG NOTE: Flag MEMSPFLG must be defined identical to JSQSPFLG and RQSPFLG.			
		1...		MEMSPIN	"X'80'" Job is eligible to SPINOFF JESMSGLG and JESYSMSG ds
		.1..		MEMSTIMI	"X'40'" SPINOFF by time interval (in seconds)
		..1.		MEMSTIMD	"X'20'" SPINOFF by TOD (in sec)
		...1		MEMSLINE	"X'10'" SPINOFF by line interval
		.... 1...		MEMNOSPN	"X'08'" NOSPIN specified
		.... .1..		MEMSUPRS	"X'04'" SUPPRESS specified
		.... ..1.		MEMSPF02	"X'02'" Reserved for IBM
		1		MEMSPF01	"X'01'" Reserved for IBM
394	(18A)	X'70'	0	MEMSPNLM	"MEMSTIMI+MEMSTIMD+MEMSLINE" Limit flags
395	(18B)	BITSTRING	1	MEMSKEY	STORAGE KEY FOR STORAGE STARTING AT MEMSACB
396	(18C)	ADDRESS	4	MEMSACB	ACB ADDR FOR JESYSMSG
400	(190)	ADDRESS	4	MEMSDEB	DEB ADDR FOR JESYSMSG
404	(194)	ADDRESS	4	MEMBACB	ACB ADDR FOR JCBLOCK/JST
408	(198)	ADDRESS	4	MEMBDEB	DEB ADDR FOR JCBLOCK/JST
412	(19C)	ADDRESS	4	MEMJACB	ACB ADDR FOR JOURNAL
416	(1A0)	ADDRESS	4	MEMJDEB	DEB ADDR FOR JOURNAL
420	(1A4)	ADDRESS	4	MEMJMACB	ACB addr for JESMSGLG
424	(1A8)	ADDRESS	4	MEMJMDEB	DEB addr for JESMSGLG
428	(1AC)	ADDRESS	4	MEMJMRPL	RPL addr for JESMSGLG
		All updates to MEMJMUPD must be made by CS. The high-order bit of the MEMJMUPD pointer is used to lock the JMU chain during job termination. No additions to the queue may be made after that point. The bit is maintained by module IATSSJM even when JMUs are dechained for addition to the JESMSGLG data set.			
432	(1B0)	ADDRESS	4	MEMJMUPD	JESMSGLG Message Unit pending queue (non-BE WTOs) 0104
436	(1B4)	ADDRESS	4	MEMJMUWT	JESMSGLG Message Unit write queue (non-BE WTOs) 0104
440	(1B8)	SIGNED	4	MEMJMSTS	Last SRB Schedule time stamp for JESMSG BE WTO process.
444	(1BC)	ADDRESS	4	MEMEJLSI	Pointer to the JLSI area 0079 for connect processing 0079

Table 449. Structure MEMENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
448	(1C0)	DBL WORD	8	MEMJMULK(0)	JESMSGLG Message Unit lock field - Serialized via CDS instr.
448	(1C0)	SIGNED	4	MEMJMTCB	Address of TCB holding this lock
452	(1C4)	SIGNED	4	MEMJMCNT	Count of number of JESMSGLG writes
456	(1C8)	SIGNED	4	MEMUSER(2)	RESERVED FOR USER
464	(1D0)	ADDRESS	4	MEMRRDSS	DSS FOR RAB REFRESH REQ
464	(1D0)	X'1D0'	0	MEMRRDSB	"MEMRRDSS,4" DSB FOR RAB REFRESH REQ
468	(1D4)	SIGNED	4	MEMACTS	ACTUAL SYSTEM LINES COUNT
472	(1D8)	CHARACTER	8	MEMASTEP	FAILING STEP NAME
480	(1E0)	CHARACTER	8	MEMAPROC	FAILING PROC NAME
488	(1E8)	CHARACTER	80	MEMTOKEN	TOKEN 0318
568	(238)	CHARACTER	8	MEMNODE	NODE
576	(240)	CHARACTER	8	MEMUSID	USERID
584	(248)	DBL WORD	8	MEMDWORD(2)	HEX CONVERSION
600	(258)	SIGNED	4	MEMFWORD	WORK AREAS
604	(25C)	SIGNED	4	MEMDSCNT	DATA SET COUNT
608	(260)	ADDRESS	4	MEMTPB	ADDRESS OF TRANSACTION BLOCK
612	(264)	SIGNED	4	MEMMAXSE	SYSLINES COUNT FOR TOTAL SYSTEM MESSAGE REPORT
		The next word represents a histogram of the last two request sizes. Each halfword, multiplied by x'100' is the total request length used for JES3 global communication.			
616	(268)	SIGNED	2	MEMSTGSZ(2)	TSO global request size
620	(26C)	SIGNED	4	MEMJMTHR	JESMSGLG threshold count for SRB processing
624	(270)	BITSTRING	1	MEMERVS5	Reserved for Service
625	(271)	BITSTRING	3	MEMMAXRC	Maximum step return code
628	(274)	ADDRESS	4	MEMCOWBN	COW anchor (barn)
632	(278)	SIGNED	4	MEMCOWCT	COW counter
636	(27C)	SIGNED	4	MEMCDATE	Current date (YYYYMMDD)
		All updates to MEMBEJPD must be made by CS. The high-order bit of the MEMBEJPD pointer is used to lock the JMU chain during job termination. No additions to the queue may be made after that point. The bit is maintained by module IATSSJM even when JMUs are dechained for addition to the JESMSGLG data set.			
640	(280)	ADDRESS	4	MEMBEJPD	JESMSGLG Msg Unit pending queue (Branch Entry WTOs) 0104
644	(284)	ADDRESS	4	MEMBEJWT	JESMSGLG Message Unit write queue (Branch Entry WTOs) 0104
648	(288)	ADDRESS	4	MEMINTCB	Initiator's TCB address 07441SXC
652	(28C)	SIGNED	4	MEMSPLCK	JESlog (JESMSGLG & JESYSMSG)0094 spinoff lock - this field 0094 serialized by COMPARE and 0094 SWAP 0094
656	(290)	BITSTRING	8	MEMTIME1	Binary time
664	(298)	SIGNED	4	MEMTDATE	Spinoff trigger date
668	(29C)	SIGNED	4	MEMTTIME	Spinoff trigger time

Table 449. Structure MEMENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
672	(2A0)	SIGNED	4	MEMSPVLU	JESMSGLG & JESYSMSG spinoff value (see MEMSPFLG)
676	(2A4)	BITSTRING	112	MEMJMRAB	Record Allocation Block for JESMSGLG dataset
788	(314)	BITSTRING	112	MEMSMRAB	Record Allocation Block for JESYSMSG dataset
900	(384)	ADDRESS	4	MEMASTAD	Alternate Symbol Table Address for SYMBOLS= CNVTSYS
904	(388)	ADDRESS	4	MEMSYMLG	Anchor address of the list of IATYLGC logging dataset structures used to manage SYMBOLS logging requests
908	(38C)	ADDRESS	4	MEMYSUDF	Address of key 1 IAZYSUDF
912	(390)	SIGNED	4	MEMITOD	Copy of JQETOD
916	(394)	SIGNED	4	MEMRSVS5(3)	Reserved for IBM
928	(3A0)	SIGNED	4	MEMEEND(0)	END OF MEMDATA ENTRY
928	(3A0)	BITSTRING	1	MEMESIZE(0)	MEMENTRY SIZE = L'MEMESIZE

Table 450. Cross Reference for IATYMEM

Name	Offset	Hex Tag
MEMABNRL	8	40
MEMACTB	D8	0
MEMACTC	C4	0
MEMACTCD	1A4	0
MEMACTDD	1AC	0
MEMACTEN	1C4	
MEMACTL	C0	0
MEMACTNQ	1A8	0
MEMACTP	DC	0
MEMACTS	1D4	0
MEMACTST	13C	
MEMACTSZ	1C4	88
MEMAFDM	F2	
MEMAFFUN	F2	
MEMAFMOD	F3	
MEMAFSET	26	1
MEMALGN1	FE	
MEMALGN2	188	
MEMALLOC	7C	
MEMAPPC	26	4
MEMAPROC	1E0	40404040
MEMASCB	30	
MEMASID	24	0
MEMASTAD	384	
MEMASTEP	1D8	40404040
MEMATOKN	120	0
MEMAUTOR	10	1
MEMBACB	194	
MEMBDEB	198	

Table 450. Cross Reference for IATYMEM (continued)

Name	Offset	Hex Tag
MEMBEJPD	280	
MEMBEJWT	284	
MEMBYPGS	D8	D8
MEMCANB	A	80
MEMCANC	A	8
MEMCANL	A	2
MEMCANP	A	20
MEMCDATE	27C	
MEMCHAIN	4	0
MEMCHCL	10	2
MEMCIDRC	190	0
MEMCIFST	27	20
MEMCLRTM	11	20
MEMCMFCC	18C	0
MEMCMSPN	10	8
MEMCOWBN	274	
MEMCOWCT	278	
MEMCOWER	9	4
MEMDEFSC	10	40
MEMDJOB	8	80
MEMDMPB	A	40
MEMDMPC	A	4
MEMDMPL	A	1
MEMDMPP	A	10
MEMDMSAV	34	0
MEMDSB	100	100
MEMDSCNT	25C	
MEMDSECT	0	
MEMDSS	100	0
MEMDWORD	248	0
MEMDYDDN	1A0	0
MEMECNDB	14	
MEMEEND	3A0	
MEMEID	0	D4C5D4C5
MEMEJLSI	1BC	
MEMENTRY	0	
MEMEOMCC	90	
MEMERSV1	72	
MEMERVS5	270	
MEMESIZE	3A0	
MEMFCBID	104	
MEMFG010	10	10
MEMFLG1	8	0
MEMFLG2	9	0
MEMFLG7	10	0
MEMFSNRT	27	40

Table 450. Cross Reference for IATYMEM (continued)

Name	Offset	Hex Tag
MEMFSS	27	80
MEMFSSGT	18	0
MEMFSSTM	27	10
MEMFSTYP	F5	0
MEMFWORD	258	
MEMHCNDB	94	
MEMHDSEL	26	20
MEMHEAD	4	0
MEMHEND	1C4	
MEMHFLG1	26	0
MEMHFLG2	27	0
MEMHF201	27	1
MEMHID	0	D4C5D4C8
MEMHJBID	88	0
MEMHSDVT	F8	
MEMHSIZE	1C4	
MEMHSRVC	110	40404040
MEMHSYSL	27	2
MEMHUSER	80	0
MEMINIT	1C	0
MEMINTCB	288	
MEMISTP	26	80
MEMISTRT	26	40
MEMITERM	8	10
MEMITOD	390	0
MEMIVSTR	100	0
MEMIVSTW	100	100
MEMJACB	19C	
MEMJBID	7A	0
MEMJCC	F0	0
MEMJDEB	1A0	
MEMJDVT	8A	0
MEMJES3R	8	2
MEMJMABC	189	
MEMJMACB	1A4	
MEMJMCNT	1C4	0
MEMJMDEB	1A8	
MEMJMRAB	2A4	0
MEMJMRPL	1AC	
MEMJMSRB	11	80
MEMJMSTS	1B8	0
MEMJMTCB	1C0	0
MEMJMTHR	26C	0
MEMJMUER	10	20
MEMJMULK	1C0	
MEMJMUPD	1B0	

Table 450. Cross Reference for IATYMEM (continued)

Name	Offset	Hex Tag
MEMJMUWT	1B4	
MEMJNAME	82	0
MEMJNUM	17C	0
MEMJOBSL	11	40
MEMJPTI	9	40
MEMJPTO	9	20
MEMJSAB	10	80
MEMJTREQ	8	1
MEMLIMF	A	0
MEMLNCDS	C0	C0
MEMLRL10	9	8
MEMMAXB	E0	0
MEMMAXBE	E8	0
MEMMAXC	CC	0
MEMMAXCE	D4	0
MEMMAXL	C8	0
MEMMAXLE	D0	0
MEMMAXP	E4	0
MEMMAXPE	EC	0
MEMMAXRC	271	0
MEMMAXSE	264	0
MEMMPT	9	2
MEMNACTV	8	8
MEMNETSV	27	4
MEMNODE	238	
MEMNOJLG	27	8
MEMNOSPN	18A	8
MEMNOSR	26	8
MEMNSTEP	181	0
MEMNTRY1	28	0
MEMNTRY2	2C	0
MEMODSN	92	
MEMPROC	92	92
MEMPRSYS	A4	
MEMPSRBA	182	
MEMPT1	92	9A
MEMPT2	92	A3
MEMRAB	10C	0
MEMRBUFF	C	
MEMRCN	E	20
MEMRCR	E	40
MEMRCST	9	1
MEMRECB	8	
MEMRECFM	F	0
MEMRFLG	E	0
MEMRJPJB	8	20

Table 450. Cross Reference for IATYMEM (continued)

Name	Offset	Hex Tag
MEMRJQ	E	10
MEMRRDSB	1D0	1D0
MEMRRDSS	1D0	
MEMRSR	E	80
MEMRSVS1	F6	0
MEMRSVS2	10C	0
MEMRSVS3	138	0
MEMRSVS4	BE	0
MEMRSVS5	394	0
MEMRSV1	12	0
MEMRWARM	E	8
MEMR1AMD	1BC	0
MEMR2AMD	1C0	0
MEMR2ANM	1B4	0
MEMR3ANM	1B8	0
MEMSACB	18C	
MEMSDEB	190	
MEMSERFL	11	0
MEMSER01	11	1
MEMSER02	11	2
MEMSER04	11	4
MEMSER08	11	8
MEMSER10	11	10
MEMSIAES	15C	0
MEMSIAJD	17C	0
MEMSIANU	154	0
MEMSIASP	158	0
MEMSIAWO	174	0
MEMSICNA	140	0
MEMSIDYA	184	0
MEMSIJBR	150	0
MEMSIJBS	148	0
MEMSIJBT	14C	0
MEMSIJEN	178	0
MEMSIJPC	160	0
MEMSIJPI	16C	0
MEMSIJPN	164	0
MEMSIJPS	168	0
MEMSIJPX	170	0
MEMSIOPA	13C	0
MEMSISAV	F4	0
MEMSISET	180	0
MEMSISTA	144	0
MEMSITCP	188	0
MEMSI83	19C	0
MEMSJSRV	198	0

Table 450. Cross Reference for IATYMEM (continued)

Name	Offset	Hex Tag
MEMSKEY	18B	
MEMSLINE	18A	10
MEMSMRAB	314	0
MEMSPFLG	18A	
MEMSPF01	18A	1
MEMSPF02	18A	2
MEMSPIN	18A	80
MEMSPLCK	28C	0
MEMSPNLM	18A	70
MEMSPT	9	80
MEMSPVLU	2A0	
MEMSPWT	1B0	0
MEMSRMTK	11C	0
MEMSSVT	14	0
MEMSTEP	92	9B
MEMSTEPN	180	0
MEMSTGSZ	268	
MEMSTIMD	18A	20
MEMSTIMI	18A	40
MEMSTMT	74	0
MEMSTSZ	78	0
MEMSUPRS	18A	4
MEMSYMLG	388	
MEMTDATE	298	0
MEMTFLG	B	0
MEMTIME1	290	0
MEMTOKEN	1E8	
MEMTPACT	B	40
MEMTPB	260	
MEMTSNEW	B	80
MEMTSOJB	8	4
MEMTTIME	29C	0
MEMTTOKN	128	0
MEMTTRAC	F8	0
MEMUCSID	108	
MEMUSER	1C8	0
MEMUSID	240	
MEMVALDS	194	0
MEMWARNI	C	0
MEMWISEQ	10	0
MEMWLMCT	118	0
MEMWLMIN	26	2
MEMWLMSL	26	10
MEMWTOCH	F4	0
MEMWTOCL	108	0
MEMWTOCT	FC	0

Table 450. Cross Reference for IATYMEM (continued)

Name	Offset	Hex Tag
MEMXJMCL	10	4
MEMYSUDF	38C	
MEM722	9	10

IATYMGR information

IATYMGR heading information

Common name: MESSAGE ROUTING TABLE BY WTO ROUTING CODE

Macro ID: IATYMGR

DSECT name: MGRSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: MGR
Offset: 0
Length: 4

Storage attributes: Main Storage: SUBPOOL 231
Auxiliary Storage: N/A

Size: MGRHSIZE - SIZE OF HEADER
MGRESIZE - INDIVIDUAL ENTRY SIZE
MGRTSIZE - TOTAL TABLE SIZE

Created by: IATINC2

Pointed to by: SVTMGR IN IATYSVT

Serialization: None

Function: Contains an entry for each MVS routing code and the information relating to JES3 console services for that entry.

IATYMGR mapping

Table 451. Structure MGRSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	MGRSTART	Message Routing Table Header
0	(0)	CHARACTER	4	MGRID	Control block identifier
4	(4)	CHARACTER	8	MGRNAME	- Main processor name
12	(C)	BITSTRING	1	MGRHEND(0)	End of MSGROUTE Header
12	(C)	X'C'	0	MGRHSIZE	"MGRHEND-MGRSTART" Size of MSGROUTE Header

Table 452. Structure MGRENTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	MGRENTRY	, Message Routing Table Entry
0	(0)	CHARACTER	8	MGRCON	MCS Console Name
8	(8)	BITSTRING	17	MGRROUT	Route code mask
25	(19)	CHARACTER	1	MGRFLAG1	MSGROUTE Flag One
		Definition of MGRFLAG1.			
		1...		MGRREPLC	"X'80'" - Route code equivalent of the destination class associated with this MSGROUTE statement should replace message's route codes

Table 452. Structure MGRENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
26	(1A)	CHARACTER	1	MGRRSVD	Reserved for development
26	(1A)	X'1B'	0	MGREEND	"*" End of MSGROUTE entry
26	(1A)	X'1B'	0	MGRESIZE	"MGREEND-MGRENTRY" Size of MSGROUTE entry
				Total size of MSGROUTE table for one main processor. This includes room for a header and enough entries for 128 route codes.	
26	(1A)	X'D8C'	0	MGRTSIZE	"MGRHSIZE+(128*MGRESIZE)" Total table size

Table 453. Cross Reference for IATYMGR

Name	Offset	Hex Tag
MGRCON	0	
MGREEND	1A	1B
MGRENTRY	0	
MGRESIZE	1A	1B
MGRFLAG1	19	
MGRHEND	C	
MGRHSIZE	C	C
MGRID	0	D4C7D940
MGRNAME	4	
MGRREPLC	19	80
MGRROUT	8	
MGRRSVD	1A	
MGRSTART	0	
MGRTSIZE	1A	D8C

IATYMLWE information

IATYMLWE heading information

Common name: MULTI-LINE WTO WORK ELEMENT

Macro ID: IATYMLWE

DSECT name: MLWE

Owning component: JES3 (SC1BA)

Eye-catcher ID: MLWE
Offset: 0
Length: 4

Storage attributes: Main Storage: EXTENDED CSA
Auxiliary Storage: N/A

Size: MLWESIZE

Created by: IATCNSV

Pointed to by: FIELD SVTMWTO IN IATYSVT

Serialization: NONE

Function: This control block maps a multi-line WTO work element.

IATYMLWE mapping

Table 454. Structure MLWE

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	MLWE	, MULTI-LINE WTO MAJOR LINE WORK ELEMENT
0	(0)	SIGNED	4	MLWEID	CONTROL BLOCK ID
4	(4)	BITSTRING	1	MLWEVRSN	VERSION LEVEL
4	(4)	X'1'	0	MLWE220	"1" VERSION LEVEL FOR HJS2220
4	(4)	X'1'	0	MLWECVID	"MLWE220" CURRENT VERSION
5	(5)	BITSTRING	3	NJWERSVD	RESERVED FOR DEVELOPMENT
8	(8)	DBL WORD	8	MLWETOD	CURRENT VALUE OF TOD CLOCK
16	(10)	SIGNED	4	MLWEDOM	MULTI-LINE WTO DOM ID
20	(14)	SIGNED	4	MLWEFRWD	FORWARD POINTER FOR WORK QUEUE
24	(18)	SIGNED	4	MLWEBACK	BACKWARD POINTER FOR WORK QUEUE
28	(1C)	SIGNED	4	MLWERSV2	RESERVED FOR DEVELOPMENT
32	(20)	SIGNED	4	MLWERFLS	REQUEST FLAGS FROM MAJOR
36	(24)	SIGNED	4	MLWENO	HARDCOPY ID FROM MAJOR
40	(28)	SIGNED	4	MLWEEND(0)	END OF WTO MAJOR LINE WORK ELEMENT
40	(28)	X'28'	0	MLWESIZE	"MLWEEND-MLWE" SIZE OF WTO MAJOR LINE WORK ELEMENT

Table 455. Cross Reference for IATYMLWE

Name	Offset	Hex Tag
MLWE	0	
MLWEBACK	18	
MLWECVID	4	1
MLWEDOM	10	
MLWEEND	28	
MLWEFRWD	14	
MLWEID	0	
MLWENO	24	
MLWERFLS	20	
MLWERSV2	1C	
MLWESIZE	28	28
MLWETOD	8	
MLWEVRSN	4	
MLWE220	4	1
NJWERSVD	5	

IATYMLWO information

IATYMLWO heading information

Common name: Multi-Line Message Token

Macro ID: IATYMLWO

DSECT name: MLWOSTRT

Owning component: JES3 (SC1BA)

Eye-catcher ID: MLWO
Offset: 0
Length: 4

Storage attributes: Main Storage: JES3 Private, subpool 0
Auxiliary Storage: n/a
Key: 1 (JESKEY)
Residency: Any

Size: MLWOSIZE

Created by: IATXMLWO service

Pointed to by: MESSAGE macro parameter list on entry to MESSAGE service routine.

Serialization: None

Function: Describes one line of a multi-line message. Each line of a multi-line message is stored in its own copy of this token, which is built by the IATXMLWO macro. The lines are chained together and can then be passed to the MESSAGE macro via the MLWOLST keyword in order to display the multi-line message. Each line's token consists of the message text and a flag which indicates the type of the message line. The length of the message line is specified as the first byte of the text. The token for the first line of a multi-line message also contains the token address for the last line of the message, and a pointer to the end of last Getmain area that was obtained for the message.

IATYMLWO mapping

Table 456. Structure MLWOSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	MLWOSTRT	
0	(0)	CHARACTER	4	MLWOID	Control block identifier
4	(4)	ADDRESS	4	MLWONEXT	Next MLWO in Message
8	(8)	ADDRESS	4	MLWOLAST	Last MLWO in Message (Only Used in 1st Line of Message)
12	(C)	ADDRESS	4	MLWOGEND	End of Last Getmain Area (Only Used in 1st Line of Message)
16	(10)	BITSTRING	1	MLWOTYPE	Line Type Flag
		1...		MLWOCNTL	"X'80'" Control Line
		.1..		MLWOLBL	"X'40'" Label Line
		..1.		MLWODATA	"X'20'" Data Line
17	(11)	CHARACTER	71	MLWOTEXT	Message Text
17	(11)	X'11'	0	MLWOTLEN	"MLWOTEXT,1" Length Byte for Msg Text
17	(11)	X'12'	0	MLWOTTXT	"MLWOTEXT+1,70" Actual Text of Message
17	(11)	X'58'	0	MLWOSIZE	"*-MLWOSTRT" Control Block Size
		Equates for maximum line lengths, maximum lines allowed in ML-WTO, and GETMAIN area size.			
17	(11)	X'22'	0	MLWOCMAX	"34" Max length of Control Lines
17	(11)	X'46'	0	MLWOLMAX	"70" Max length of Label Lines
17	(11)	X'46'	0	MLWODMAX	"70" Max length of Data Lines
17	(11)	X'A'	0	MLWOGNUM	"10" Number of MLWOs per GETMAIN
17	(11)	X'370'	0	MLWOGSIZ	"MLWOGNUM*MLWOSIZE" Size of GETMAINs

Table 457. Cross Reference for IATYMLWO

Name	Offset	Hex Tag
MLWOCMAX	11	22
MLWOCNTL	10	80
MLWODATA	10	20
MLWODMAX	11	46
MLWOGEND	C	
MLWOGNUM	11	A
MLWOGSIZ	11	370
MLWOID	0	
MLWOLAST	8	
MLWOLBL	10	40
MLWOLMAX	11	46
MLWONEXT	4	
MLWOSIZE	11	58
MLWOSTRT	0	
MLWOTEXT	11	
MLWOTLEN	11	11
MLWOTTXT	11	12
MLWOTYPE	10	

IATYMNTR information

IATYMNTR heading information

Common name: Monitor FCT Data Area

Macro ID: IATYMNTR

DSECT name:

Owning component: JES3 (SC1BA)

Eye-catcher ID: MNTR
Offset: MNTID
Length: 4

Storage attributes: Main Storage: Module IATGRMN
Auxiliary Storage: N/A

Size: N/A

Created by: IATGRMN

Pointed to by: Register thirteen in IATGRMN

Serialization: N/A

Function: This macro defines the Monitor FCT Data Area.

IATYMNTR mapping

Table 458. Structure MNTSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	MNTSTART	
0	(0)	CHARACTER	4	MNTID	Control block identifier
		Message Request Table Information.			
4	(4)	ADDRESS	4	MNTMRT1S	Address of the first Message Request table

Table 458. Structure MNTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
8	(8)	ADDRESS	4	MNTMRTCR	Address of the current Message Request table
12	(C)	ADDRESS	4	MNTORD1S	Address of the first Message Request Table entry in the time ordered queue. The queue is ordered such that the entry for the job or FCT that is waiting the longest appears first
16	(10)	SIGNED	4	MNTORDCT	Number of elements in Message Request entry time ordered queue
20	(14)	SIGNED	4	MNTTOTCT	Actual number of jobs or FCTs that have exceeded the threshold time. This value is used for the summary message and differs from MNTORDCT in that this value is not limited by the COUNT parameter on the MNTRDEF macro.
24	(18)	ADDRESS	4	MNTPVMRE	Address of the last Message Request entry that preceeds the current time being added
	Time stamp information.				
32	(20)	DBL WORD	8	MNTCURTM	Current time (STCK value)
32	(20)	X'20'	0	MNTUSETM	"MNTCURTM,4" Useable part of current time
40	(28)	SIGNED	4	MNTINTVL	Current time interval (in hundreths of a second) that is associated with the current ATIME
44	(2C)	SIGNED	4	MNTOVRTT	Over the threshold time. An element would have to have a time stamp that is less than or equal to this time to be considered over the threshold. It is computed by subtracting the threshold time in the Monitor Definition Entry from the current time.
	START Command Processing Work Area Note: When a new start command is being processed, the work area starting at MNTSCMST and ending at MNTSCMEN is set to zeroes.				
48	(30)	SIGNED	4	MNTSCMST(0)	Start of Work Area
48	(30)	CHARACTER	8	MNTSPARM	Temporary save area for *START command parameter
56	(38)	CHARACTER	8	MNTSVALU	Temporary save area for *START command value
	Values that were specified on the START command.				
64	(40)	CHARACTER	8	MNTSID	ID= value specified on the *START command
72	(48)	BITSTRING	8	MNTSINTV	INTERVAL= value specified on the *START command and converted to binary
80	(50)	BITSTRING	8	MNTSTHRS	THRESHOLD= value specified on the *START command and converted to binary
88	(58)	BITSTRING	8	MNTSCNT	COUNT= value specified on the *START command and converted to binary or "ALL"
96	(60)	CHARACTER	8	MNTSSUMM	SUMMARY= value specified on the *START command
104	(68)	BITSTRING	1	MNTSFLG1	*START command duplicate keyword flag

Table 458. Structure MNTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		Definition of MNTSFLG1			
		1...		MNTDISPF	"X'80'" DISPLAY was found
		.1..		MNTIDF	"X'40'" ID= was found
		..1.		MNTINTVF	"X'20'" INTERVAL= was found
		...1		MNTTHRSF	"X'10'" THRESHOLD= was found
		.... 1...		MNTCNTF	"X'08'" COUNT= was found
		.... .1..		MNTSUMMF	"X'04'" SUMMARY= was found
		.... ..1.		MNTSRS02	"X'02'" Reserved flag
		1		MNTSRS01	"X'01'" Reserved flag
108	(6C)	SIGNED	4	MNTSCMEN(0)	End of Work Area
108	(6C)	X'3C'	0	MNTSCMSZ	"MNTSCMEN-MNTSCMST" Size of Work Area
		General Flags.			
108	(6C)	BITSTRING	1	MNTFLAG1	Monitor FCT Flag One
		Definition of MNTFLAG1.			
		1...		MNTATIMX	"X'80'" ATIME interval expired
		.1..		MNTCANCM	"X'40'" *CANCEL MONITOR command was issued
		..1.		MNTSTRCM	"X'20'" *START MONITOR command was issued
		...1		MNTTERM	"X'10'" Monitor FCT termination in progress
		.... 1...		MNTINTMD	"X'08'" INTERVAL parameter was modified
		.... .1..		MNTRS104	"X'04'" Reserved flag
		.... ..1.		MNTRS102	"X'02'" Reserved flag
		1		MNTRS101	"X'01'" Reserved flag
		The area from MNTSTART to MNTCLEND is cleared across different invocations of the Monitor FCT.			
112	(70)	DBL WORD	8	MNTCLEND(0)	End of area to clear
112	(70)	X'70'	0	MNTCLSIZ	"MNTCLEND-MNTSTART" Size of area to clear
		ATIME Parameter List. NTATIME ATIME MF=L ATIME Parameter List $TP= z2.3.0 HJS77B0 170222 PD0TN: z 2.3.0			
112	(70)	SIGNED	4	(0)	ALIGNMENT
112	(70)	BITSTRING	4	MNTATIME	ID
116	(74)	SIGNED	4		TIME OR TOD VALUE
120	(78)	ADDRESS	4		ECF OR ENTER ADDRESS
124	(7C)	ADDRESS	1		FLAG BYTE1
125	(7D)	ADDRESS	1		FLAG BYTE2
126	(7E)	ADDRESS	1		ECF MASK FOR POST REQUEST
127	(7F)	ADDRESS	1		Flag byte 3
128	(80)	ADDRESS	4		FCT ADDRESS

Table 458. Structure MNTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		Message Related Data. MESSAGE Parameter List. NTMESSG MESSAGE MF=L MESSAGE Parameter List $T6=z1.13.0 HJS7780 110309 PD0TN: z 1.13.0			
132	(84)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
132	(84)	ADDRESS	4	MNTMESSG	Text Address
136	(88)	BITSTRING	2		Destination Disp and Mask
138	(8A)	BITSTRING	1		ACTION flag
139	(8B)	ADDRESS	1		Options Flag
140	(8C)	BITSTRING	2		Descriptor Codes
142	(8E)	SIGNED	2		Reserved 2 Bytes
144	(90)	BITSTRING	17		Routing Codes
161	(A1)	BITSTRING	1	(3)	Reserved
164	(A4)	BITSTRING	1	(8)	Jobid
172	(AC)	BITSTRING	1	(8)	Jobname
180	(B4)	BITSTRING	1	(8)	Key
188	(BC)	ADDRESS	4		CNDB Address 1
192	(C0)	ADDRESS	4		CNDB Address 2
196	(C4)	ADDRESS	4		CNDB Address 3
200	(C8)	ADDRESS	4		CNDB Address 4
204	(CC)	ADDRESS	4		CNDB Address 5
208	(D0)	ADDRESS	4		MLWO Address
		IAT6394 MONITOR FUNCTION <ACTIVE|ENDED>			
212	(D4)	ADDRESS	1	IAT6394	
213	(D5)	CHARACTER	25		
238	(EE)	CHARACTER	6	ACEN6394	"ACTIVE" or "ENDED"
238	(EE)	X'1F'	0	LEN6394	"*-IAT6394-1" Length of message
		IAT6395 nnnnn REQUEST(S) waittext			
244	(F4)	ADDRESS	1	IAT6395	
245	(F5)	CHARACTER	8		
253	(FD)	CHARACTER	5	NREQ6395	Number of requests waiting
258	(102)	CHARACTER	14		
272	(110)	CHARACTER	40	WAIT6395	Wait reason
272	(110)	X'43'	0	LEN6395	"*-IAT6395-1" Length of message
		IAT6396 JOB jobname (jobid) waittext < MAIN=main>			
312	(138)	ADDRESS	1	IAT6396	
313	(139)	CHARACTER	14		
327	(147)	CHARACTER	8	JBNM6396	Job name
335	(14F)	CHARACTER	2		
337	(151)	CHARACTER	8	JBID6396	Job identifier
345	(159)	CHARACTER	2		
347	(15B)	CHARACTER	40	WAIT6396	Wait reason
347	(15B)	X'4A'	0	LEN6396	"*-IAT6396-1" Length of message

Table 458. Structure MNTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
387	(183)	CHARACTER	6		
393	(189)	CHARACTER	8	JB6396MN	Main name
393	(189)	X'58'	0	LEN6396M	"*-IAT6396-1" Length of longer message
IAT6397 FCT fctname (devname) waittext					
401	(191)	ADDRESS	1	IAT6397	
402	(192)	CHARACTER	14		
416	(1A0)	CHARACTER	8	FCTN6397	FCT/DSP name
424	(1A8)	CHARACTER	2		
426	(1AA)	CHARACTER	8	DEVN6397	Device name or NODEVICE
434	(1B2)	CHARACTER	2		
436	(1B4)	CHARACTER	40	WAIT6397	Wait reason
436	(1B4)	X'4A'	0	LEN6397	"*-IAT6397-1" Length of message
IAT6398 hhhhh HOURS mm MINUTES ss SECONDS					
476	(1DC)	ADDRESS	1	IAT6398	
477	(1DD)	CHARACTER	12		
489	(1E9)	CHARACTER	5	HRS6398	Number of hours
494	(1EE)	CHARACTER	8		
502	(1F6)	CHARACTER	2	MINS6398	Number of minutes
504	(1F8)	CHARACTER	10		
514	(202)	CHARACTER	2	SECS6398	Number of seconds
516	(204)	CHARACTER	8		
516	(204)	X'2F'	0	LEN6398	"*-IAT6398-1" Length of message
IAT6399 ID INTERVAL THRESHOLD COUNT SUMMARY STATUS					
524	(20C)	ADDRESS	1	IAT6399	
525	(20D)	CHARACTER	36		
561	(231)	CHARACTER	20		
561	(231)	X'38'	0	LEN6399	"*-IAT6399-1" Length of message
IAT6400 id interval threshold count summary status					
581	(245)	ADDRESS	1	IAT6400	
582	(246)	CHARACTER	8		
590	(24E)	CHARACTER	8	ID6400	MNTRDEF identifier
598	(256)	CHARACTER	3		
601	(259)	CHARACTER	3	INTV6400	Interval value
604	(25C)	CHARACTER	7		
611	(263)	CHARACTER	3	THRS6400	Threshold value
614	(266)	CHARACTER	5		
619	(26B)	CHARACTER	3	CNT6400	Count value
622	(26E)	CHARACTER	3		
625	(271)	CHARACTER	4	SUMM6400	Summary value
629	(275)	CHARACTER	3		
632	(278)	CHARACTER	8	STAT6400	Monitoring status

Table 458. Structure MNTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
632	(278)	X'3A'	0	LEN6400	"*-IAT6400-1" Length of message
		IAT6401 MONITOR START COMMAND REJECTED - reasontext			
640	(280)	ADDRESS	1	IAT6401	
641	(281)	CHARACTER	41		
682	(2AA)	CHARACTER	40	REAS6401	Reason command was rejected
682	(2AA)	X'51'	0	LEN6401	"*-IAT6401-1" Length of message
		IAT6402 MONITOR MODIFY PROCESSING COMPLETE			
722	(2D2)	ADDRESS	1	IAT6402	
723	(2D3)	CHARACTER	42		
723	(2D3)	X'2A'	0	LEN6402	"*-IAT6402-1" Length of message
		Monitor Definition Entries. The following information describes the queues and resources that are being monitored, how often they should be monitored, etc. Some of these values should be modified by the user to achieve the desired results. The following parameters can be specified. If not indicated otherwise, the value can be modified by the user. (1) Description - Specifies a 40 byte description that describes the queue or resource being monitored. This description will appear in both the summary message and the individual messages that are issued for a particular job or FCT, unless the message is tailored by the monitoring routine specified by the ROUTINE parameter. (2) Interval - Specifies the time interval in minutes that the Monitor FCT wakes up to check the specified queue or resource. (3) Threshold - Specifies the amount of time in minutes that must elapse before a job or FCT waiting on the specified queue or resource will be displayed. For example, if a job is waiting for locate for more than 5 minutes, issue a message. The actual results may vary by a second due to rounding error that occurs when we translate the interval value in minutes to clock units. (4) Count - Specifies the number of FCTs or jobs which are over the threshold value that should be displayed. The default is all jobs or FCTs. If a threshold value is specified, the FCTs or jobs that have been waiting the longest will be displayed. For example, if THRESHOLD=10 is specified for the allocate queue, issue a message for the ten jobs that have been waiting the longest on the allocate queue. (5) Summary - Specifies whether a summary message that describes the number of jobs or FCTs waiting should be issued (YES), whether ONLY a summary message should be issued (ONLY), or whether no summary should be issued (NO). (6) Routine - Specifies the address of the routine to get control to collect the data once the monitoring interval expires. This value should not be modified by the user.				
768	(300)	SIGNED	4	MNTDEFEN(0)	Monitor Definition Entries

Table 458. Structure MNTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
				JES3 Resource Monitoring Data. A JES3 resource is anything that can be used by an FCT and that can become unavailable. For example, the following are considered JES3 resources: (1) Generalized subtasks (2) JSAM buffers (3) Job numbers (4) Spool space (5) AENQ resources (6) File Directory entries (7) Console buffers (8) Job Queue Elements Recommendations: This monitoring routine is automatically activated. 0 It should be left active at all times. 0 The interval value should be set to a medium value such as 5 to 10 minutes so that the FCT chain is not scanned that often. However, the threshold value should be set to one minute so that even small wait times are detected. SUMMARY should be set to YES or NO so that you get the individual messages for each FCT that is waiting for a resource. This information is necessary in order to determine the exact cause of the wait. $SI=z1.5.0 HJS7708 021211 PD0PK: z 1.5.0 0 , MNTRDEF DESC='WAITING FOR JES3 RESOURCES', , INTERVAL=5, , THRESHOLD=1, , COUNT=ALL, , ROUTINE=MNJS3RSC, , SUMMARY=YES, , LAST=NO		
768	(300)	SIGNED	4	RESOURCE(0)	
768	(300)	CHARACTER	8		Identifier
776	(308)	CHARACTER	40		
				Resource/queue description	
816	(330)	ADDRESS	4		Interval value in seconds 0051
820	(334)	ADDRESS	4		
				Interval value in hundredths0 of a second	
824	(338)	SIGNED	4		Interval time remaining (initialized to zero)
828	(33C)	ADDRESS	4		Threshold value in seconds 0051
832	(340)	ADDRESS	4		Threshold value in clock units
836	(344)	SIGNED	4		Display all jobs/FCTs that are over the threshold
840	(348)	ADDRESS	4		Address of routine to get control when monitoring interval expires
844	(34C)	BITSTRING	1		Flag byte one, SUMMARY=YES was specified
845	(34D)	BITSTRING	3		Reserved for development

Table 458. Structure MNTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
				Locate Monitoring Data. This Monitor Definition entry is used to monitor jobs that are waiting for a catalog locate request to complete. This includes jobs that do not have a locate subtask currently associated with it. Jobs that are active in locate in a C/I FSS address space can be monitored using the C/I FSS monitor definition that is described below. Recommendations This monitoring routine is automatically activated. 0 You can deactivate it if you are not using JES3 0 setup (although there is no harm in leaving it 0 activated even when not using setup). The SUMMARY 0 option should be set to YES or NO so that messages will be issued for individual jobs. This will allow you to determine which jobs are waiting so that you can cancel them if necessary. $SI=z1.5.0 HJS7708 021211 PD0PK: z 1.5.0 0 , MNTRDEF DESC='WAITING FOR CATALOG LOCATE', , INTERVAL=5, , THRESHOLD=1, , COUNT=ALL, , ROUTINE=MNLOCATE, , SUMMARY=YES, , LAST=NO			
848	(350)	SIGNED	4	LOCATE(0)	
848	(350)	CHARACTER	8		Identifier
856	(358)	CHARACTER	40		
				Resource/queue description	
896	(380)	ADDRESS	4		Interval value in seconds 0051
900	(384)	ADDRESS	4		
				Interval value in hundredths0 of a second	
904	(388)	SIGNED	4		Interval time remaining (initialized to zero)
908	(38C)	ADDRESS	4		Threshold value in seconds 0051
912	(390)	ADDRESS	4		Threshold value in clock units
916	(394)	SIGNED	4		Display all jobs/FCTs that are over the threshold
920	(398)	ADDRESS	4		Address of routine to get control when monitoring interval expires
924	(39C)	BITSTRING	1		Flag byte one, SUMMARY=YES was specified
925	(39D)	BITSTRING	3		Reserved for development

Table 458. Structure MNTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
				C/I FSS Monitoring Data. This Monitor Definition entry is used to monitor jobs that have been scheduled for C/I processing to a C/I FSS address space. Jobs that have locate processing performed in a C/I FSS address space are monitored by this routine, not the catalog locate monitoring routine. Recommendations This monitoring routine is automatically activated. 0 You can deactivate it if you are not using C/I FSS 0 address spaces (although there is no harm in leaving 0 it activated even when not using them.) The SUMMARY 0 option should be set to YES or NO so that messages will be issued for individual jobs. This will allow you to determine which jobs are waiting so that you can cancel them if necessary. $SI=z1.5.0 HJS7708 021211 PD0PK: z 1.5.0 0 , MNTRDEF DESC='ACTIVE IN A C/I FSS', , INTERVAL=5, , THRESHOLD=1, , COUNT=ALL, , ROUTINE=MNCIFSS, , SUMMARY=YES, , LAST=NO	
928	(3A0)	SIGNED	4	CIFSS(0)	
928	(3A0)	CHARACTER	8		Identifier
936	(3A8)	CHARACTER	40		
				Resource/queue description	
976	(3D0)	ADDRESS	4		Interval value in seconds 0051
980	(3D4)	ADDRESS	4		
				Interval value in hundredths0 of a second	
984	(3D8)	SIGNED	4		Interval time remaining (initialized to zero)
988	(3DC)	ADDRESS	4		Threshold value in seconds 0051
992	(3E0)	ADDRESS	4		Threshold value in clock units
996	(3E4)	SIGNED	4		Display all jobs/FCTs that are over the threshold
1000	(3E8)	ADDRESS	4		Address of routine to get control when monitoring interval expires
1004	(3EC)	BITSTRING	1		Flag byte one, SUMMARY=YES was specified
1005	(3ED)	BITSTRING	3		Reserved for development
				System Select Queue Monitoring Data. This Monitor Definition entry is used to monitor jobs that are waiting in the MDS System Select queue for SMS resources to become available. Recommendations This monitoring routine is automatically activated. 0 You can deactivate it if you are not using JES3 0 setup for SMS managed data sets, although there is 0 no harm in leaving it activated. Furthermore, if 0 you enable and disable SMS managed resources such as 0 storage groups often, leave this monitoring routine 0 activated to make sure that you don't 0 disable one or more SMS managed resources, and then forget to enable them. $SI=z1.5.0 HJS7708 021211 PD0PK: z 1.5.0 0 , MNTRDEF DESC='WAITING IN SYSTEM SELECT', , INTERVAL=5, , THRESHOLD=5, , COUNT=ALL, , ROUTINE=MNSYSSLQ, , SUMMARY=YES, , LAST=NO	

Table 458. Structure MNTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1008	(3F0)	SIGNED	4	SYSSELQ(0)	
1008	(3F0)	CHARACTER	8		Identifier
1016	(3F8)	CHARACTER	40		
				Resource/queue description	
1056	(420)	ADDRESS	4		Interval value in seconds 0051
1060	(424)	ADDRESS	4		
				Interval value in hundredths0 of a second	
1064	(428)	SIGNED	4		Interval time remaining (initialized to zero)
1068	(42C)	ADDRESS	4		Threshold value in seconds 0051
1072	(430)	ADDRESS	4		Threshold value in clock units
1076	(434)	SIGNED	4		Display all jobs/FCTs that are over the threshold
1080	(438)	ADDRESS	4		Address of routine to get control when monitoring interval expires
1084	(43C)	BITSTRING	1		Flag byte one, SUMMARY=YES was specified
1085	(43D)	BITSTRING	3		Reserved for development

```
        Allocate Queue Monitoring Data.
        This Monitor Definition entry is used to monitor
        jobs that are waiting in the MDS Allocate queue
        for some resource to become available. The job will
        only be displayed if it is waiting for devices,
        volumes, or data sets to become available, waiting
        for a volume mount that was initiated by another job,
        or waiting for a device fence to become available.
        A job will not be displayed if it is waiting for
        something like a class to be enabled.
        Recommendations
        This monitoring routine is not automatically 0
        activated because it can be normal for jobs to 0
        spend large amounts of time in the allocate queue 0
        when requestng tape mounts. 0
        This monitoring routine should only be activated
        if you are using JES3 setup. If the number of jobs
        in the allocate queue is large, you should set the
        COUNT parameter to something like 10 so that only
        the 10 longest jobs will be displayed.
        Note that since jobs can spend time in the allocate 0
        queue without a problem necessarily existing, you 0
        should activate this monitoring routine only if you 0
        are experiencing this condition excessively and you 0
        need to measure it to determine where and when the 0
        problem lies. 0
        $SI=z1.5.0 HJS7708 021211 PD0PK: z 1.5.0 0
, MNTRDEF DESC='WAITING IN ALLOCATION',
, INTERVAL=0,
, THRESHOLD=0,
, COUNT=ALL,
, ROUTINE=MNALLOCQ,
, SUMMARY=YES,
, LAST=NO
```

1088	(440)	SIGNED	4	ALLOCQ(0)	
1088	(440)	CHARACTER	8		Identifier
1096	(448)	CHARACTER	40		
				Resource/queue description	
1136	(470)	ADDRESS	4		Interval value in seconds 0051
1140	(474)	ADDRESS	4		

Table 458. Structure MNTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
			Interval value in hundredths0 of a second		
1144	(478)	SIGNED	4		Interval time remaining (initialized to zero)
1148	(47C)	ADDRESS	4		Threshold value in seconds 0051
1152	(480)	ADDRESS	4		Threshold value in clock units
1156	(484)	SIGNED	4		Display all jobs/FCTs that are over the threshold
1160	(488)	ADDRESS	4		Address of routine to get control when monitoring interval expires
1164	(48C)	BITSTRING	1		Flag byte one, SUMMARY=YES was specified
1165	(48D)	BITSTRING	3		Reserved for development
			Verify Queue Monitoring Data. This Monitor Definition entry is used to monitor jobs that are waiting in the MDS verify queue for one or more volume mounts to complete. Recommendations This monitoring routine should only be activated if you are using JES3 setup. If your installation has some type of response time objectives for mounting volumes, you may want to activate this monitoring routine. For example, if you promise your users 10 minute response time for volume mounts you may want to set the THRESHOLD value to 10 so that any job that has been waiting 10 minutes or more will be displayed. $SI=z1.5.0 HJS7708 021211 PD0PK: z 1.5.0 0 , MNTRDEF DESC='WAITING IN VERIFY', , INTERVAL=0, , THRESHOLD=0, , COUNT=ALL, , ROUTINE=MNVERFYQ, , SUMMARY=YES, , LAST=NO			
1168	(490)	SIGNED	4	VERIFYQ(0)	
1168	(490)	CHARACTER	8		Identifier
1176	(498)	CHARACTER	40		
			Resource/queue description		
1216	(4C0)	ADDRESS	4		Interval value in seconds 0051
1220	(4C4)	ADDRESS	4		
			Interval value in hundredths0 of a second		
1224	(4C8)	SIGNED	4		Interval time remaining (initialized to zero)
1228	(4CC)	ADDRESS	4		Threshold value in seconds 0051
1232	(4D0)	ADDRESS	4		Threshold value in clock units
1236	(4D4)	SIGNED	4		Display all jobs/FCTs that are over the threshold
1240	(4D8)	ADDRESS	4		Address of routine to get control when monitoring interval expires
1244	(4DC)	BITSTRING	1		Flag byte one, SUMMARY=YES was specified
1245	(4DD)	BITSTRING	3		Reserved for development

Table 458. Structure MNTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
				System Verify Queue Monitoring Data. This Monitor Definition entry is used to monitor jobs that are in the MDS System Verify queue. Recommendations This monitoring routine is automatically activated. 0 You can deactivate it if you are not using JES3 0 setup for SMS managed data sets, although there is 0 no harm in leaving it activated. 0 If you use JES3 in this way, this monitoring routine 0 should always be left activated since jobs 0 are not supposed to remain on the system verify queue for any length of time. Therefore, set the INTERVAL value to scan the queue every 5-10 minutes 0 and set the THRESHOLD value to a very low value (0 or 1). $SI=z1.5.0 HJS7708 021211 PD0PK: z 1.5.0 0 , MNTRDEF DESC='WAITING IN SYSTEM VERIFY', , INTERVAL=5, , THRESHOLD=1, , COUNT=ALL, , ROUTINE=MNSYSVRQ, , SUMMARY=YES, , LAST=NO			
1248	(4E0)	SIGNED	4	SYSVERQ(0)	
1248	(4E0)	CHARACTER	8		Identifier
1256	(4E8)	CHARACTER	40		
				Resource/queue description	
1296	(510)	ADDRESS	4		Interval value in seconds 0051
1300	(514)	ADDRESS	4		
				Interval value in hundredths0 of a second	
1304	(518)	SIGNED	4		Interval time remaining (initialized to zero)
1308	(51C)	ADDRESS	4		Threshold value in seconds 0051
1312	(520)	ADDRESS	4		Threshold value in clock units
1316	(524)	SIGNED	4		Display all jobs/FCTs that are over the threshold
1320	(528)	ADDRESS	4		Address of routine to get control when monitoring interval expires
1324	(52C)	BITSTRING	1		Flag byte one, SUMMARY=YES was specified
1325	(52D)	BITSTRING	3		Reserved for development

Table 458. Structure MNTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
				DSP Wait Queue Monitoring Data. This Monitor Definition entry is used to monitor jobs that are waiting for a particular DSP to become available. In this case, the COUNT value that is specified indicates the number of jobs that should be displayed for each DSP. For example, if there are ten DSPs that have jobs waiting, then ten sets of messages will be displayed. Recommendations: This monitoring routine is automatically activated. 0 You can deactivate it if you do not code on the 0 SETPARAM statement SMSSETUP=YES, although there 0 is no harm leaving it activated. 0 The COUNT value should be set to a low value or SUMMARY=ONLY should be specified in order to reduce the number of messages that are issued. Otherwise, if you specify COUNT=ALL and you have a large backlog of jobs waiting for C/I processing, alot of messages will be issued. $SI=z1.5.0 HJS7708 021211 PD0PK: z 1.5.0 0 , MNTRDEF DESC='WAITING FOR A DSP', , INTERVAL=5, , THRESHOLD=5, , COUNT=ALL, , ROUTINE=MNDSPWT, , SUMMARY=ONLY, , LAST=NO		
1328	(530)	SIGNED	4	DSPWAIT(0)	
1328	(530)	CHARACTER	8		Identifier
1336	(538)	CHARACTER	40		
				Resource/queue description	
1376	(560)	ADDRESS	4		Interval value in seconds 0051
1380	(564)	ADDRESS	4		
				Interval value in hundredths0 of a second	
1384	(568)	SIGNED	4		Interval time remaining (initialized to zero)
1388	(56C)	ADDRESS	4		Threshold value in seconds 0051
1392	(570)	ADDRESS	4		Threshold value in clock units
1396	(574)	SIGNED	4		Display all jobs/FCTs that are over the threshold
1400	(578)	ADDRESS	4		Address of routine to get control when monitoring interval expires
1404	(57C)	BITSTRING	1		Flag byte one, SUMMARY=ONLY was specified
1405	(57D)	BITSTRING	3		Reserved for development

Table 458. Structure MNTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
				JSS Wait Queue Monitoring Data. This Monitor Definition entry is used to monitor jobs that are on some type of Job Segment Scheduler (JSS) wait queue waiting for some event to occur or for some resource to become available. This includes the following: (1) Jobs waiting for a proclib to become available. For example, someone is updating a proclib and there are jobs queued for C/I processing that need to use the proclib. (2) Jobs waiting for main, class, or group to become available. (3) Jobs waiting for SMS managed user catalogs to become available. For example, the job requires a particular user catalog and the storage group where the user catalog resides is disabled. (4) Jobs waiting for main to become available for catalog locate. The COUNT value that is specified indicates the the number of jobs that should be displayed for each resource or event. For example, if there are jobs waiting for a proclib and jobs waiting for a locate main, two sets of messages will be issued. Recommendations: This monitoring routine is automatically activated. 0 It is used typically to monitor situations that 0 involve the JES3 proclib update facility or 0 if your catalogs are managed by DFSMS, although 0 there is no harm in leaving it active at all times. 0 The COUNT value should be set to a low value or SUMMARY=ONLY should be specified in order to reduce the number of messages that are issued. Otherwise, if you specify COUNT=ALL and you have a large backlog of jobs waiting for a main, class, or group, alot of messages will be issued.	
				$SI=z1.5.0 HJS7708 021211 PD0PK: z 1.5.0 0 , MNTRDEF DESC='WAITING FOR A RESOURCE OR EVENT', , INTERVAL=5, , THRESHOLD=5, , COUNT=ALL, , ROUTINE=MNJSSWT, , SUMMARY=ONLY, , LAST=NO	
1408	(580)	SIGNED	4	JSSWAIT(0)	
1408	(580)	CHARACTER	8		Identifier
1416	(588)	CHARACTER	40		
				Resource/queue description	
1456	(5B0)	ADDRESS	4		Interval value in seconds 0051
1460	(5B4)	ADDRESS	4		
				Interval value in hundredths0 of a second	
1464	(5B8)	SIGNED	4		Interval time remaining (initialized to zero)
1468	(5BC)	ADDRESS	4		Threshold value in seconds 0051
1472	(5C0)	ADDRESS	4		Threshold value in clock units
1476	(5C4)	SIGNED	4		Display all jobs/FCTs that are over the threshold
1480	(5C8)	ADDRESS	4		Address of routine to get control when monitoring interval expires
1484	(5CC)	BITSTRING	1		Flag byte one, SUMMARY=ONLY was specified
1485	(5CD)	BITSTRING	3		Reserved for development

Table 458. Structure MNTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
					Ending Function Waiting For I/O Monitoring Data This Monitor Definition entry is used to monitor jobs that are on the ending function I/O wait queue. When a job completes a JES3 function such as C/I, the Job Segement Scheduler (JSS) checks whether anybody is still using the job's control blocks. If so, the job is suspended and does not get scheduled for the next JES3 phase. Normally, the function that is using the job's control blocks finishes and releases the job's control blocks within a short period of time. When this occurs, the job can then be scheduled for the next phase of JES3 processing. However, if the function does not perform the proper cleanup or abends while accessing the job's control blocks, control blocks may never be released until JES3 is restarted. Recommendations This monitoring routine is automatically activated. 0 It should be left active at all times. 0 There is no need to constantly check this queue so a fairly large INTERVAL value like 30 minutes should be specified. However, the THRESHOLD value should be set to 1 minute because any job that has been waiting on this queue for that long is most likely going to remain there until the next JES3 restart. $SI=z1.5.0 HJS7708 021211 PD0PK: z 1.5.0 0 , MNTRDEF DESC='ENDING FUNCTION WAITING FOR I/O', , INTERVAL=30, , THRESHOLD=1, , COUNT=ALL, , ROUTINE=MNIOWAIT, , SUMMARY=YES, , LAST=YES
1488	(5D0)	SIGNED	4	IOWAIT(0)	
1488	(5D0)	CHARACTER	8		Identifier
1496	(5D8)	CHARACTER	40		
					Resource/queue description
1536	(600)	ADDRESS	4		Interval value in seconds 0051
1540	(604)	ADDRESS	4		
					Interval value in hundredths0 of a second
1544	(608)	SIGNED	4		Interval time remaining (initialized to zero)
1548	(60C)	ADDRESS	4		Threshold value in seconds 0051
1552	(610)	ADDRESS	4		Threshold value in clock units
1556	(614)	SIGNED	4		Display all jobs/FCTs that are over the threshold
1560	(618)	ADDRESS	4		Address of routine to get control when monitoring interval expires
1564	(61C)	BITSTRING	1		Flag byte one, SUMMARY=YES was specified
1565	(61D)	BITSTRING	3		Reserved for development
1568	(620)	BITSTRING	4		End of table
					End of Monitor FCT Data Area
1572	(624)	SIGNED	4	MNTEND(0)	End of Monitor FCT Data Area
1572	(624)	X'624'	0	MNTSIZE	"*-MNTSTART" Size of Monitor FCT Data Area

Table 459. Cross Reference for IATYMNTR

Name	Offset	Hex Tag
ACEN6394	EE	40404040
ALLOCQ	440	
CIFSS	3A0	
CNT6400	26B	404040
DEVN6397	1AA	40404040
DSPWAIT	530	
FCTN6397	1A0	40404040
HRS6398	1E9	40404040
IAT6394	D4	
IAT6395	F4	
IAT6396	138	
IAT6397	191	
IAT6398	1DC	
IAT6399	20C	
IAT6400	245	
IAT6401	280	
IAT6402	2D2	
ID6400	24E	40404040
INTV6400	259	404040
IOWAIT	5D0	
JBID6396	151	40404040
JBNM6396	147	40404040
JB6396MN	189	40404040
JSSWAIT	580	
LEN6394	EE	1F
LEN6395	110	43
LEN6396	15B	4A
LEN6396M	189	58
LEN6397	1B4	4A
LEN6398	204	2F
LEN6399	231	38
LEN6400	278	3A
LEN6401	2AA	51
LEN6402	2D3	2A
LOCATE	350	
MINS6398	1F6	4040
MNTATIME	70	0
MNTATIMX	6C	80
MNTCANCM	6C	40
MNTCLEND	70	
MNTCLSIZ	70	70
MNTCNTF	68	8
MNTCURTM	20	0
MNTDEFEN	300	
MNTDISPF	68	80
MNTEND	624	

Table 459. Cross Reference for IATYMNTR (continued)

Name	Offset	Hex Tag
MNTFLAG1	6C	0
MNTID	0	D4D5E3D9
MNTIDF	68	40
MNTINTMD	6C	8
MNTINTVF	68	20
MNTINTVL	28	0
MNTMESSG	84	
MNTMRTCR	8	
MNTMRT1S	4	
MNTORDCT	10	0
MNTORD1S	C	
MNTOVRTT	2C	0
MNTPVMRE	18	
MNTRS101	6C	1
MNTRS102	6C	2
MNTRS104	6C	4
MNTSCMEN	6C	
MNTSCMST	30	
MNTSCMSZ	6C	3C
MNTSCNT	58	0
MNTSFLG1	68	0
MNTSID	40	40404040
MNTSINTV	48	0
MNTSIZE	624	624
MNTSPARM	30	40404040
MNTSRS01	68	1
MNTSRS02	68	2
MNTSSUMM	60	40404040
MNTSTART	0	
MNTSTHRS	50	0
MNTSTRCM	6C	20
MNTSUMMF	68	4
MNTSVALU	38	40404040
MNTTERM	6C	10
MNTTHRSF	68	10
MNTTOTCT	14	0
MNTUSETM	20	20
NREQ6395	FD	40404040
REAS6401	2AA	40404040
RESOURCE	300	
SECS6398	202	4040
STAT6400	278	40404040
SUMM6400	271	40404040
SYSSELQ	3F0	
SYSVERQ	4E0	
THRS6400	263	404040

Table 459. Cross Reference for IATYMNTR (continued)

Name	Offset	Hex Tag
VERIFYQ	490	
WAIT6395	110	40404040
WAIT6396	15B	40404040
WAIT6397	1B4	40404040

IATYMOD information

IATYMOD programming interface information

IATYMOD is a programming interface.

IATYMOD heading information

Common name: JES3 MODULE ENTRY POINT IDENTIFIER

Macro ID: IATYMOD

DSECT name: N/A

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Main Storage: N/A
Auxiliary Storage: N/A

Size: N/A

Created by: N/A

Pointed to by: N/A

Serialization: None

Function: IATYMOD CAUSES GENERATION OF A STANDARD
SET OF IDENTIFYING VALUES - THE NAME OF
THE CURRENT CSECT OR OTHER MODULE ID,
THE RELEASE LEVEL, THE ASSEMBLY DATE,
ASSEMBLY TIME AND ADDRESS OF APARNUM.
A DSECT WHICH ALLOWS SYMBOLIC REFERENCE
TO THE ID VALUES MAY ALSO BE REQUESTED.
NOTES = THE FIRST 30 BYTES OF IATJSLV MUST
BE MAPPED AS FOLLOWS:
IATYMOD_BR_NO DSECT
MODNAME DS CL8 MODULE NAME
RELEASE DS CL8 RELEASE LEVEL
DATE DS CL8 DATE OF MOD ASSEM
TIME DS CL6 TIME OF MOD ASSEM
MACROS =
IATZMNOT
IXZXENVR

IATYMOD mapping

Table 460. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

```
                JES3 MODULE ENTRY POINT IDENTIFIER
01 Change Activity:
   $SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0
```

0	(0)	CHARACTER	8		MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME

Table 460. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM

IATYMOOS information

IATYMOOS programming interface information

The following fields are **NOT** programming interface information:

- MOOSREGE
- MOOSR012
- MOOSSAVE

IATYMOOS heading information

Common name:	DATA AREA PARAMETER LIST FOR IATMOOS/IATMOOI
Macro ID:	IATYMOOS
DSECT name:	MOOS
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	MOOS Offset: MOOSID Length: 4
Storage attributes:	Auxiliary Storage: N/A Subpool: 0 (JESPOOL) Key: 1 (JESKEY) Residency: ANY
Size:	MOOSSIZE
Created by:	IATMOOS
Pointed to by:	R13 IN IATMOOS/IATMOOI, MOOSNEXT in IATYMOOS
Serialization:	NONE
Function:	THIS AREA MAPS THE PARAMETER LIST USED BY IATMOOS TO COMMUNICATE WITH THE OUTPUT SERVICE MODIFY IMPLEMENTATION FCT MODULE IATMOOI.

IATYMOOS mapping

Table 461. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

Table 462. Structure MOOS

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	MOOS	
0	(0)	SIGNED	4	MOOSSTRT(0)	
0	(0)	CHARACTER	4	MOOSID	IDENTIFIER
4	(4)	ADDRESS	4	MOOSNEXT	Address of next MOOS on the queue
8	(8)	SIGNED	4	MOOSTSIZ	Total size of storage which includes IATYMOOS plus a WSP

Table 462. Structure MOOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
12	(C)	SIGNED	4	MOOSRSV1	Reserved for dev/service
16	(10)	SIGNED	4	MOOSLNCT	LINE LIMIT
20	(14)	SIGNED	4	MOOSPGCT	PAGE LIMIT
24	(18)	SIGNED	4	MOOSBYCT	Byte limit 16
24	(18)	X'3'	0	MAXPARM	"3" MAX NUMBER OF PARMS FOR H= WHEN MULTIPLE PARAMETERS ARE SPECIFIED.
		THESE MASKS INDICATE THE KEYWORDS SPECIFIED ON THE INPUT COMMAND TO BE USED AS THE SELECTION CRITERIA OF THE JES3 JOB.	0		
28	(1C)	BITSTRING	8	MOOSIMSK(0)	SELECTION MASK
28	(1C)	BITSTRING	1	MOOSIMK0	1ST BYTE
		1...		MOOSIJNA	"X'80'" SELECT BY JOB NAME
		.1..		MOOSIJNO	"X'40'" SELECT BY JOB NUMBER
		..1.		MOOSIDG	"X'20'" SELECT BY DEVICE GROUP
		...1		MOOSIPTY	"X'10'" SELECT BY PRIORITY
		.... 1...		MOOSIDST	"X'08'" SELECT BY DESTINATION
		.... .1..		MOOSIGTY	"X'04'" SELECT BY GENERAL TYPE
		.... ..1.		MOOSISTY	"X'02'" SELECT BY SPECIFIC TYPE
		1		MOOSIFRM	"X'01'" SELECT BY FORMS
29	(1D)	BITSTRING	1	MOOSIMK1	2ND BYTE
		1...		MOOSIFCB	"X'80'" SELECT BY FCB
		.1..		MOOSIUCS	"X'40'" SELECT BY UCS
		..1.		MOOSICLS	"X'20'" SELECT BY CLASS
		...1		MOOSIUID	"X'10'" SELECT BY USER ID
		.... 1...		MOOSICHR	"X'08'" SELECT BY CHARS
		.... .1..		MOOSIFLS	"X'04'" SELECT BY FLASH
		.... ..1.		MOOSICPM	"X'02'" SELECT BY COPY MOD
		1		MOOSISTK	"X'01'" SELECT BY STACKER
30	(1E)	BITSTRING	1	MOOSIMK2	3RD BYTE
		1...		MOOSIDDN	"X'80'" SELECT BY DD NAME
		.1..		MOOSILCN	"X'40'" SELECT BY LINE COUNT
		..1.		MOOSIHDY	"X'20'" SELECT BY HOLD TYPE(S)
		...1		MOOSIHDN	"X'10'" SELECT BY HOLD=N
		.... 1...		MOOSIWTR	"X'08'" SELECT BY EXT. WRITER NAME
		.... .1..		MOOSIDSD	"X'04'" SELECT BY DSID
		.... ..1.		MOOSIBGP	"X'02'" SELECT BY BDT GROUP ID
		1		MOOSIBTP	"X'01'" SELECT BY BDT TYPE
31	(1F)	BITSTRING	1	MOOSIMK3	4TH BYTE
		1...		MOOSICPC	"X'80'" SELECT BY COPY COUNT
		.1..		MOOSIPM	"X'40'" SELECT BY PROCESS MOD
		..1.		MOOSIPG	"X'20'" SELECT BY NUMBER OF PAGES
		...1		MOOSITRM	"X'10'" SELECT BY TERMINAL NAME
		.... 1...		MOOSIAGE	"X'08'" SELECT BY DATA SET AGE
		.... .1..		MOOSIDSN	"X'04'" SELECT BY DATASET NAME DSN=
		.... ..1.		MOOSISL	"X'02'" SELECT BY SECLABL=

Table 462. Structure MOOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1		MOOSIAPC	"X'01'" SELECT BY APPC TRANSACTION
32	(20)	BITSTRING	1	MOOSIMK4	FIFTH BYTE
		1...		MOOSIOTB	"X'80'" SELECT BY OUTBIN ID 0146
		.1..		MOOSIBY	"X'40'" Select by number of bytes
		..1.		MOOSIIPA	"X'20'" Select by IP address
		...1		MOOSIFMD	"X'10'" Select by FORMDEF
		.... 1...		MOOSIPGD	"X'08'" Select by PAGEDEF
		.... .1..		MOOSICJ	"X'04'" Select by client job CJ=
		.... ..1.		MOOSICJI	"X'02'" Select by client job id
		1		MOOSICJN	"X'01'" Select by client job name
33	(21)	BITSTRING	1	MOOSIMK5	Sixth byte
		1...		MOOSITGP	"X'80'" Select by TCP/IP group id
		.1..		MOOSITTP	"X'40'" Select by TCP/IP type
		..1.		MOOSITKN	"X'20'" Select by OSE token (TK=) 10066S2C
		...1		MOOSIOD	"X'10'" Select by OUTDISP
		.... 1...		MOOSI508	"X'08'" Reserved for IBM
		.... .1..		MOOSI504	"X'04'" Reserved for IBM
		.... ..1.		MOOSI502	"X'02'" Reserved for IBM
		1		MOOSI501	"X'01'" Reserved for IBM
34	(22)	BITSTRING	1	MOOSIMK6	RESERVED FOR DEV./SERVICE
35	(23)	BITSTRING	1	MOOSIMK7	RESERVED FOR DEV./SERVICE
		THIS FULLWORD INDICATES THE KEYWORDS SPECIFIED ON THE INPUT COMMAND TO BE USED FOR CHANGES REQUIRED OF THE SPECIFIED JES3 JOB(S).			
36	(24)	BITSTRING	4	MOOSOMSK(0)	OUTPUT MASK
36	(24)	BITSTRING	1	MOOSOMK0	1ST BYTE
		1...		MOOSOCLS	"X'80'" CHANGE CLASS
		.1..		MOOSOPTY	"X'40'" CHANGE PRIORITY
		..1.		MOOSOFRM	"X'20'" CHANGE FORMS
		...1		MOOSODST	"X'10'" CHANGE DESTINATION
		.... 1...		MOOSOSPT	"X'08'" CHANGE SPECIFIC TYPE
		.... .1..		MOOSOHLD	"X'04'" CHANGE HOLD
		.... ..1.		MOOSOFCB	"X'02'" CHANGE FCB
		1		MOOSOUCS	"X'01'" CHANGE UCS
37	(25)	BITSTRING	1	MOOSOMK1	2ND BYTE
		1...		MOOSOCHR	"X'80'" CHANGE CHARACTERS
		.1..		MOOSOFLS	"X'40'" CHANGE FLASH
		..1.		MOOSOCPM	"X'20'" CHANGE COPY MOD
		...1		MOOSOSTK	"X'10'" CHANGE STACKER
		.... 1...		MOOSOCAN	"X'08'" CHANGE CANCEL
		.... .1..		MOOSONCP	"X'04'" CHANGE NCP
		.... ..1.		MOOSONQ	"X'02'" CHANGE NQ
		1		MOOSOWTR	"X'01'" CHANGE WRITER NAME
38	(26)	BITSTRING	1	MOOSOMK2	3RD BYTE

Table 462. Structure MOOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		MOOSODSD	"X'80'" CHANGE DSID
		.1..		MOOSOPM	"X'40'" CHANGE PROCESS MODE
		..1.		MOOSORDT	"X'20'" RESET SEC. DESTINATION
		...1		MOOSOOTB	"X'10'" CHANGE OUTBIN ID 0146
		.... 1...		MOOSOIPA	"X'08'" Change IP address
		.... .1..		MOOSOFMD	"X'04'" Change FORMDEF
		.... ..1.		MOOSOPGD	"X'02'" Change PAGEDEF
		1		MOOSOOD	"X'01'" Change OUTDISP
39	(27)	BITSTRING	1	MOOSOMK3	4TH BYTE
		1...		MOOSORS8	"X'80'" UNUSED
		.1..		MOOSORS9	"X'40'" UNUSED
		..1.		MOOSORSA	"X'20'" UNUSED
		...1		MOOSORSB	"X'10'" UNUSED
		.... 1...		MOOSORSC	"X'08'" UNUSED
		.... .1..		MOOSORSD	"X'04'" UNUSED
		.... ..1.		MOOSORSE	"X'02'" UNUSED
		1		MOOSORSF	"X'01'" UNUSED
40	(28)	BITSTRING	4	MOOSRVS2	RESERVED FOR SERVICE

```
OOSCNSL IATYCNDB DSECT=NO CALLING CONSOLE'S CNDB
   IATYCNDB_1:;
   START OF SPECIFICATIONS
  01 PROPRIETARY STATEMENT=
    PROPRIETARY_STATEMENT
    LICENSED MATERIALS - PROPERTY OF IBM
    5647-A01 COPYRIGHT IBM CORP. 1989, 2010
    STATUS= HJS7770
    END_OF_PROPRIETARY_STATEMENT
      This data area is maintained as a CASE mapping macro.
      Changes should be made to the CASE source and then
      the PLX and Assembler should be regenerated.
      Do NOT make changes to the PLX or Assembler directly!
  01 Descriptive Name: Console Destination Block
        Acronym: CNDB
  01 Macro Name: IATYCNDB
  01 DSECT name: IATYCNDB
         --based variable for storage mapping
  01 Component: JES3 (SC1BA)
  01 Function:
  02 The console destination block is a control block that
        contains information related to the destination that
        messages should be sent to. This control block is built
        as commands are entered into to the system and is used by
        command processors as a destination for where to return
        messages to. The control block is imbeded in other
        control blocks and the size of the data area must not
        change (otherwise a JES3 cold start is required). The
        data is referenced by non-source maintained modules, so
        offsets into the data area must not change.
  01 Eye-Catcher: CNDBEYE
  02 Offset: 4
  02 Length: 4
  01 Language: PL/X
  01 Storage attributes:
  02 Allocation Method: Imbeded within other control blocks
  02 Main Storage: 94
  02 Virtual Storage: 94
  02 Auxiliary Storage: 94
  02 Subpool: n/a
  02 Key: 1
  02 Data Space: N/A
  02 Residency: any
  02 Frequency: n/a
  02 Size: 94
  02 Created by: n/a
  02 Deleted by: n/a
  02 Pointed to by: Imbeded within other control blocks
```

Table 462. Structure MOOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description

```
  02 Serialization: none
  01 EXTERNAL CLASSIFICATION: DMTI
  01 END OF EXTERNAL CLASSIFICATION:
  01 Method Of access:
  02 ASM: IATYCNDB
  02 PLX: %INCLUDE SYSLIB(IATYCNDB)
  01 CHANGE ACTIVITY:
      $QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support
      $RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init
      $T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0
       CASE/390 - VERSION 49
   END OF SPECIFICATIONS
```

44	(2C)	SIGNED	4	MOOSCNSL(0)	IATYCNDB.27: based variable for storage mapping
44	(2C)	SIGNED	4		Four byte console id 0176
48	(30)	CHARACTER	4		IATYCNDB eyecatcher
52	(34)	ADDRESS	4		IATYCNDB version
56	(38)	BITSTRING	8		Reserved for development
64	(40)	BITSTRING	8		Console Name 0176
72	(48)	BITSTRING	24		Reserved for development
96	(60)	SIGNED	2		Reserved for development
98	(62)	BITSTRING	40		Reserved for development

```
OOSCNS IATYCNDB DSECT=NO CONS= RESP CONSOLE'S CNDB
   IATYCNDB_1:;
```

140	(8C)	SIGNED	4	MOOSCNS(0)	IATYCNDB.27: based variable for storage mapping
140	(8C)	SIGNED	4		Four byte console id 0176
144	(90)	CHARACTER	4		IATYCNDB eyecatcher
148	(94)	ADDRESS	4		IATYCNDB version
152	(98)	BITSTRING	8		Reserved for development
160	(A0)	BITSTRING	8		Console Name 0176
168	(A8)	BITSTRING	24		Reserved for development
192	(C0)	SIGNED	2		Reserved for development
194	(C2)	BITSTRING	40		Reserved for development
234	(EA)	BITSTRING	8	MOOSCONS	CONSOLE NAME
242	(F2)	CHARACTER	8	MOOSCART	CART OF THE COMMAND ISSUER
250	(FA)	BITSTRING	8	MOOSJID	JOB IDENTIFIER (NAME/NUMBER)
260	(104)	SIGNED	4	MOOSJOBB	BINARY JOB NUMBER
264	(108)	BITSTRING	8	MOOSDEST	DESTINATION (PRIMARY) D003
272	(110)	BITSTRING	8	MOOSDST2	DESTINATION (SECONDARY) D003
280	(118)	BITSTRING	8	MOOSXWTR	EXTERNAL WRITER NAME
288	(120)	BITSTRING	8	MOOSDSID	DATA SET ID
296	(128)	BITSTRING	8	MOOSFORM	FORMS
304	(130)	BITSTRING	8	MOOSCARR	CARRAIGE TAPE/ FCB ID
312	(138)	BITSTRING	8	MOOSURID	USER ID
320	(140)	BITSTRING	8	MOOSLINE	LINE COUNT
328	(148)	BITSTRING	8	MOOSPAGE	PAGE COUNT
336	(150)	BITSTRING	8	MOOSBYTE	Byte count
344	(158)	BITSTRING	8	MOOSDG	DEVICE GROUP NAME
352	(160)	BITSTRING	8	MOOSPM	PROCESS MODE

Table 462. Structure MOOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
360	(168)	BITSTRING	8	MOOSGPID	BDT GROUP IDENTIFIER
368	(170)	BITSTRING	4	MOOSOTBN	OUTBIN ID 0146
372	(174)	BITSTRING	124	MOOSIPAD	IP address
496	(1F0)	BITSTRING	6	MOOSFRMD	FORMDEF
502	(1F6)	BITSTRING	6	MOOSPAGD	PAGEDEF
508	(1FC)	CHARACTER	8	MOOSTCID	TCP group identifier
516	(204)	BITSTRING	8	MOOSSL	SECLABL
524	(20C)	CHARACTER	6	MOOSNSTR	BDT network stream type
530	(212)	BITSTRING	4	MOOSCHAR(4)	CHARS
546	(222)	BITSTRING	4	MOOSFLSH	FLASH ID
550	(226)	BITSTRING	4	MOOSUCS	UCS ID
554	(22A)	BITSTRING	4	MOOSQUE	QUE TO SEARCH
558	(22E)	BITSTRING	4	MOOSRSV5	RESERVED FOR USER
562	(232)	BITSTRING	24	MOOSDD	DDNAME
		THE FOLLOWING FIVE FIELDS DEFINE THE DATA SET NAME AS BROKEN INTO THE 5 STRUCTURED FIELDS. THEY ARE USED AS INPUT TO THE JDSGET MACRO, THEY MUST REMAIN IN ORDER.			
586	(24A)	BITSTRING	1	MOOSDSN(0)	
586	(24A)	BITSTRING	8	MOOSDSNU	USERID (IN JDS)
594	(252)	BITSTRING	8	MOOSDSNN	JOB NAME (IN JDS)
602	(25A)	BITSTRING	8	MOOSDSNJ	JOBID (IN JDS)
610	(262)	BITSTRING	8	MOOSDSNB	DS NUMBER (IN JDS)
618	(26A)	BITSTRING	8	MOOSDSNM	DS NAME (IN JDS) END OF DSNAME LIST
626	(272)	BITSTRING	3	MOOSGT	GENERAL TYPE
629	(275)	BITSTRING	5	MOOSST	SPECIFIC TYPE
634	(27A)	BITSTRING	3	MOOSCPTY	PRIORITY IN CHARACTER
637	(27D)	BITSTRING	1	MOOSBPTY	PRIORITY
638	(27E)	BITSTRING	3	MOOSCCPY	COPIES IN CHARACTER
641	(281)	BITSTRING	1	MOOSBCPY	COPIES
642	(282)	BITSTRING	4	MOOSCM	COPY MODIFICATION
642	(282)	X'286'	0	MOOSRC	"MOOSCM+4,1,X'00'"
647	(287)	BITSTRING	1	MOOSSS	STACKER
648	(288)	SIGNED	2	MOOSSEQ	DDNAME SEQUENCE NUMBER
650	(28A)	BITSTRING	1	MOOSH	HOLD STATUS
651	(28B)	BITSTRING	1	MOOSHTYP	HOLD TYPE(S)
652	(28C)	BITSTRING	1	MOOSCL	CLASS
653	(28D)	BITSTRING	1	MOOSRSVD	PADDING D014
654	(28E)	CHARACTER	8	MOOSAPC	VALUE CODED ON APPC KWD D014
662	(296)	BITSTRING	1	MOOSINDX	IATMOOI message rtn index
663	(297)	BITSTRING	1	MOOSIODV	OUTDISP value
664	(298)	ADDRESS	4	MOOSRETA	MOOSPRSE routine address
668	(29C)	CHARACTER	8	MOOSCJ	Value coded on CJ= keyword
676	(2A4)	CHARACTER	8	MOOSCJID	Value coded on CJID= keyword
684	(2AC)	CHARACTER	8	MOOSCJNM	Value coded on CJNM= keyword
692	(2B4)	CHARACTER	6	MOOSTSTR	TCP network stream type

Table 462. Structure MOOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
698	(2BA)	BITSTRING	6	MOOSRSV9	Reserved for IBM 10066S2A
704	(2C0)	CHARACTER	32	MOOSTK	OSE token in EBCDIC 10066S2A
736	(2E0)	BITSTRING	16	MOOSTKBN	OSE token in binary 10066S2A
736	(2E0)	SIGNED	4	MOOSTKTS	- Partial time stamp (bits 10066S2A 2-5 of STCK value) 10066S2A
740	(2E4)	SIGNED	4	MOOSTKBF	- OSE buffer number 10066S2A
744	(2E8)	SIGNED	2	MOOSTKVO	- OSE variable sec. offset 10066S2A
746	(2EA)	SIGNED	2	MOOSTKDO	- OSE data set sec. offset 10066S2A
752	(2F0)	BITSTRING	8	MOOSTK2	New OSE information if OSE 10066S2A is split while processing 10066S2A by OSE token 10066S2A
752	(2F0)	SIGNED	4	MOOSTKB2	- New OSE buffer number 10066S2A
756	(2F4)	SIGNED	2	MOOSTKV2	- New OSE var sect offset 10066S2A
758	(2F6)	SIGNED	2	MOOSTKD2	- New OSE ds sect offset 10066S2A
760	(2F8)	BITSTRING	64	MOOSRVS3	Reserved for service
		DATA QUEUE CHANGES			
824	(338)	CHARACTER	4	MOOSQID	DQE IDENTIFIER
828	(33C)	BITSTRING	8	MOOSND	NEW DESTINATION
836	(344)	BITSTRING	8	MOOSNF	NEW FORMS
844	(34C)	BITSTRING	8	MOOSNC	NEW CARRIAGE TAPE/FCB
852	(354)	BITSTRING	8	MOOSNW	NEW WRITER NAME
860	(35C)	BITSTRING	8	MOOSNDSI	NEW DSID
868	(364)	BITSTRING	8	MOOSNPM	NEW PROCESS MODE NAME
876	(36C)	BITSTRING	4	MOOSNU	NEW UCS ID
880	(370)	BITSTRING	4	MOOSNCH(4)	NEW CHARS
896	(380)	BITSTRING	4	MOOSNFL	NEW FLASH
900	(384)	BITSTRING	4	MOOSNCM	NEW COPY MODIFICATION
900	(384)	X'388'	0	MOOSNRC	"MOOSNCM+4,1,X'00'"
905	(389)	BITSTRING	1	MOOSNSS	NEW STACKER
906	(38A)	BITSTRING	1	MOOSNH	NEW HOLD STATUS
907	(38B)	BITSTRING	3	MOOSNPTY	
910	(38E)	ADDRESS	1	MOOSNP	NEW PRIORITY
911	(38F)	BITSTRING	3	MOOSNCPY	
914	(392)	BITSTRING	1	MOOSNCP	NEW COPIES
915	(393)	BITSTRING	1	MOOSNCL	NEW SYSOUT CLASS
916	(394)	BITSTRING	5	MOOSNST	NEW DEVICE TYPE
921	(399)	BITSTRING	1	MOOSNODV	New OUTDISP value
922	(39A)	BITSTRING	4	MOOSNOB	NEW OUTBIN ID 0146
926	(39E)	BITSTRING	124	MOOSNIPA	New IP address
1050	(41A)	BITSTRING	6	MOOSNFMD	New FORMDEF
1056	(420)	BITSTRING	6	MOOSNPGD	New PAGEDEF
1064	(428)	SIGNED	4	MOOSCEND(0)	END OF COMMON SECTION 0266
1064	(428)	X'428'	0	MOOSCLEN	"MOOSCEND-MOOSSTRT" LENGTH OF COMMON SECTION 0266

Table 462. Structure MOOS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
				Equates for OUTDISP values in MOOSIODV and MOOSNODV. The output disposition equates must match the equates for OSEODISP in IATYOSE.	
		1...		MOOSODWV	"X'80'" WRITE output disposition
		.1..		MOOSODHV	"X'40'" HOLD output disposition
		..1.		MOOSODKV	"X'20'" KEEP output disposition
		...1		MOOSODLV	"X'10'" LEAVE output disposition
		.... 1...		MOOSODPV	"X'08'" PURGE output disposition
		.... .1..		MOOSOD04	"X'04'" Reserved for IBM
		.... ..1.		MOOSOD02	"X'02'" Reserved for IBM
		1		MOOSODNV	"X'01'" Match data sets with no output disposition set

Table 463. Cross Reference for IATYMOOS

Name	Offset	Hex Tag
MAXPARM	18	3
MOOS	0	
MOOSAPC	28E	F0F04040
MOOSBCPY	281	0
MOOSBPTY	27D	0
MOOSBYCT	18	0
MOOSBYTE	150	0
MOOSCARR	130	0
MOOSCART	F2	40404040
MOOSCCPY	27E	0
MOOSCEND	428	
MOOSCHAR	212	0
MOOSCJ	29C	40404040
MOOSCJID	2A4	40404040
MOOSCJNM	2AC	40404040
MOOSCL	28C	0
MOOSCLEN	428	428
MOOSCM	282	0
MOOSCNS	8C	
MOOSCNSL	2C	
MOOSCONS	EA	0
MOOSCPTY	27A	0
MOOSDD	232	0
MOOSDEST	108	0
MOOSDG	158	0
MOOSDSID	120	0
MOOSDSN	24A	
MOOSDSNB	262	0
MOOSDSNJ	25A	0
MOOSDSNM	26A	0
MOOSDSNN	252	0

Table 463. Cross Reference for IATYMOOS (continued)

Name	Offset	Hex Tag
MOOSDSNU	24A	0
MOOSDST2	110	0
MOOSFLSH	222	0
MOOSFORM	128	0
MOOSFRMD	1F0	0
MOOSGPID	168	0
MOOSGT	272	0
MOOSH	28A	0
MOOSHTYP	28B	0
MOOSIAGE	1F	8
MOOSIAPC	1F	1
MOOSIBGP	1E	2
MOOSIBTP	1E	1
MOOSIBY	20	40
MOOSICHR	1D	8
MOOSICJ	20	4
MOOSICJI	20	2
MOOSICJN	20	1
MOOSICLS	1D	20
MOOSICPC	1F	80
MOOSICPM	1D	2
MOOSID	0	D4D6D6E2
MOOSIDDN	1E	80
MOOSIDG	1C	20
MOOSIDSD	1E	4
MOOSIDSN	1F	4
MOOSIDST	1C	8
MOOSIFCB	1D	80
MOOSIFLS	1D	4
MOOSIFMD	20	10
MOOSIFRM	1C	1
MOOSIGTY	1C	4
MOOSIHDN	1E	10
MOOSIHDY	1E	20
MOOSIIPA	20	20
MOOSIJNA	1C	80
MOOSIJNO	1C	40
MOOSILCN	1E	40
MOOSIMK0	1C	0
MOOSIMK1	1D	0
MOOSIMK2	1E	0
MOOSIMK3	1F	0
MOOSIMK4	20	0
MOOSIMK5	21	0
MOOSIMK6	22	0
MOOSIMK7	23	0

Table 463. Cross Reference for IATYMOOS (continued)

Name	Offset	Hex Tag
MOOSIMSK	1C	
MOOSINDX	296	0
MOOSIOD	21	10
MOOSIODV	297	0
MOOSIOTB	20	80
MOOSIPAD	174	0
MOOSIPG	1F	20
MOOSIPGD	20	8
MOOSIPM	1F	40
MOOSIPTY	1C	10
MOOSISL	1F	2
MOOSISTK	1D	1
MOOSISTY	1C	2
MOOSITGP	21	80
MOOSITKN	21	20
MOOSITRM	1F	10
MOOSITTP	21	40
MOOSIUCS	1D	40
MOOSIUID	1D	10
MOOSIWTR	1E	8
MOOSI501	21	1
MOOSI502	21	2
MOOSI504	21	4
MOOSI508	21	8
MOOSJID	FA	0
MOOSJOBB	104	0
MOOSLINE	140	0
MOOSLNCT	10	0
MOOSNC	34C	0
MOOSNCH	370	0
MOOSNCL	393	0
MOOSNCM	384	0
MOOSNCP	392	0
MOOSNCPY	38F	0
MOOSND	33C	0
MOOSNDSI	35C	0
MOOSNEXT	4	
MOOSNF	344	0
MOOSNFL	380	0
MOOSNFMD	41A	0
MOOSNH	38A	0
MOOSNIPA	39E	0
MOOSNOB	39A	0
MOOSNODV	399	0
MOOSNP	38E	
MOOSNPGD	420	0

Table 463. Cross Reference for IATYMOOS (continued)

Name	Offset	Hex Tag
MOOSNPM	364	0
MOOSNPTY	38B	0
MOOSNRC	384	388
MOOSNSS	389	0
MOOSNST	394	0
MOOSNSTR	20C	40404040
MOOSNU	36C	0
MOOSNW	354	0
MOOSOCAN	25	8
MOOSOCHR	25	80
MOOSOCLS	24	80
MOOSOCPM	25	20
MOOSODHV	428	40
MOOSODKV	428	20
MOOSODLV	428	10
MOOSODNV	428	1
MOOSODPV	428	8
MOOSODSD	26	80
MOOSODST	24	10
MOOSODWV	428	80
MOOSOD02	428	2
MOOSOD04	428	4
MOOSOFCB	24	2
MOOSOFLS	25	40
MOOSOFMD	26	4
MOOSOFRM	24	20
MOOSOHLD	24	4
MOOSOIPA	26	8
MOOSOMK0	24	0
MOOSOMK1	25	0
MOOSOMK2	26	0
MOOSOMK3	27	0
MOOSOMSK	24	
MOOSONCP	25	4
MOOSONQ	25	2
MOOSOOD	26	1
MOOSOOTB	26	10
MOOSOPGD	26	2
MOOSOPM	26	40
MOOSOPTY	24	40
MOOSORDT	26	20
MOOSORSA	27	20
MOOSORSB	27	10
MOOSORSC	27	8
MOOSORSD	27	4
MOOSORSE	27	2

Table 463. Cross Reference for IATYMOOS (continued)

Name	Offset	Hex Tag
MOOSORSF	27	1
MOOSORS8	27	80
MOOSORS9	27	40
MOOSOSPT	24	8
MOOSOSTK	25	10
MOOSOTBN	170	0
MOOSOUCS	24	1
MOOSOWTR	25	1
MOOSPAGD	1F6	0
MOOSPAGE	148	0
MOOSPGCT	14	0
MOOSPM	160	0
MOOSQID	338	C4D8C540
MOOSQUE	22A	0
MOOSRC	282	286
MOOSRETA	298	
MOOSRSVD	28D	0
MOOSRSV1	C	0
MOOSRSV5	22E	0
MOOSRSV9	2BA	0
MOOSRVS2	28	0
MOOSRVS3	2F8	0
MOOSSEQ	288	1
MOOSSL	204	0
MOOSSS	287	0
MOOSST	275	0
MOOSSTRT	0	
MOOSTCID	1FC	40404040
MOOSTK	2C0	40404040
MOOSTKBF	2E4	
MOOSTKBN	2E0	0
MOOSTKB2	2F0	
MOOSTKDO	2EA	
MOOSTKD2	2F6	
MOOSTKTS	2E0	
MOOSTKVO	2E8	
MOOSTKV2	2F4	
MOOSTK2	2F0	0
MOOSTSIZ	8	0
MOOSTSTR	2B4	40404040
MOOSUCS	226	0
MOOSURID	138	0
MOOSXWTR	118	0

IATYMPC information

IATYMPC programming interface information

IATYMPC is a programming interface.

IATYMPC heading information

Common name:	Main Processor Control Table
Macro ID:	IATYMPC
DSECT name:	MPCSTART
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	MPC Offset: X'AC' Length: 4
Storage attributes:	Main Storage: Subpool 241 Auxiliary Storage: None (However, the IATYMPE section is spooled) Key: 1 (JESKEY) Residency: Any
Size:	MPCSIZE
Created by:	IATINM4 (ASSEMBLED INTO IATMSCD)
Pointed to by:	MAINDATA in TVT MAINACT in TVT (active processor) SVTMPCDA in SSVT SVTMPACT in SSVT (active main) MPNEXT within MPC
Serialization:	Fields serialized by CS: MPSTMIO
Function:	Main processor description

IATYMPC mapping

Table 464. Structure FDBSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	FDBSTART	
		WARNING THE OFFSETS BETWEEN FDBSTART AND FDBFREND MUST NOT BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON SOME JES3 MODULES.			
0	(0)	SIGNED	4	FDBDATA(0)	- BUFFER ADDRESS OF DATA
0	(0)	BITSTRING	6	FDBSPADR(0)	- M.R SPOOL REC ADDR OF DATA
0	(0)	BITSTRING	2	FDBSPMOD	- MODULE NUMBER OF SPOOL EXTENT
2	(2)	BITSTRING	4	FDBSPREC	- RECORD NUMBER OF DATA
4	(4)	BITSTRING	2	FDBNOADR	Gas
6	(6)	BITSTRING	1	FDBFLAG0(0)	SINGLE RECORD AND ERROR FLAGS
		DEFINITION OF FDBFLAG0: SINGLE-RECORD AND ERROR FLAGS			
		1111		FDBERFLG	"X'F0'" I/O ERROR FLAGS.
		1..1		FDBDKFRR	"X'90'" PROGRAM CHECK IN IATDMDK.
		1...		FDBRECOV	"X'80'" SUCCESSFUL ERROR RECOVERY OCCURRED
		.111		FDBJBTER	"X'70'" ERROR READING THE JBT OCCURRED
		.11.		FDBCHKPT	"X'60'" FIRST/LAST TRACK ADDR CHANGE

Table 464. Structure FDBSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.1.1		FDBF0RS1	"X'50'" RESERVED FLAG.
		.1..		FDBERROR	"X'40'" UNCORRECTABLE I/O ERROR OCCURRED
		..11		FDBTAERR	"X'30'" DISK ADDRESS NOT VERIFY.
		..1.		FDBIOERR	"X'20'" I/O ERROR RECOVERY IN PROGRESS
		...1		FDBROTER	"X'10'" ERROR OCCURRED ON ROOT I/O.
		FOLLOWING FOUR FLAGS ARE FOR SINGLE RECORD FILES ONLY			
		.... 1...		FDBNOPUT	"X'08'" WRITE WITHOUT PUTBUF
		.... .1..		FDBOLD	"X'04'" OLD SINGLE RECORD FILE
		.... ..1.		FDBJBTAT	"X'02'" INDICATES FDB IS A JBTAT FDB
		1		FDBFCTPM	"X'01'" PARAMETERS IN FCT
6	(6)	BITSTRING	1	FDBPRTY	FDB PRTY (BITS 0-3) DURING OPEN (overlaps FDBFLAG0) 12190S5A
7	(7)	BITSTRING	1	FDBFLAGS	FLAGS COMMON TO SINGLE/MULT
DEFINITION OF FDBFLAGS: SINGLE- & MULTIPLE-RECORD FILES					
		1...		FDBECF	"X'80'" - I/O EVENT COMPLETION.
		.1..		FDBMNTAT	"X'40'" Single track allocation used (spool space belongs to JES3 or job 0 rather than a JOBTAT or DSTAT)
		..1.		FDBINPUT	"X'20'" - INPUT/OUTPUT FILE (INPUT IF ON).
		...1		FDBCLOSE	"X'10'" - OPEN/CLOSED FLAG (CLOSED IF ON).
		.... 1...		FDBMULT	"X'08'" - SINGLE/MULTIPLE FILE (MULT IF ON).
		.... .1..		FDBSRSV1	"X'04'" - RESERVED.
		.... ..1.		FDBWCHLK	"X'02'" - WRTCHAIN ROOT FDB LOCK FLAG.
		1		FDBSRSV2	"X'01'" - RESERVED.
8	(8)	BITSTRING	1	FDBSPFL1	- FLAGS FOR SPOOL DATA MGMT
DEFINITION OF FDBSPFL1: SINGLE- & MULTIPLE-RECORD FILES					
		1...		FDBONSP	"X'80'" - FDB CONTAINS A SPOOL ADDRESS
		.1..		FDBIOIP	"X'40'" - I/O IN-PROGRESS INDICATOR
		..1.		FDBCSBTR	"X'20'" CSBT USED TO READ CH. SRF 0440
		...1		FDBCSBTW	"X'10'" USE CSBT TO WRITE CHAINED SRF
		.... 1...		FDBCSBTL	"X'08'" USE CSBT TO RELEASE CHAINED SRF
		.... .1..		FDBCSBTJ	"X'04'" USE CSBT FOR THIS JESREAD 0440
9	(9)	BITSTRING	1	FDBFLGR2	- RESERVED FOR SERVICE
10	(A)	SIGNED	2	FDBRSVD1	- RESERVED FOR DEVELOPMENT
12	(C)	BITSTRING	1	FDBSREND(0)	END OF SINGLE REC FILE FDB
12	(C)	X'C'	0	FDBSRFL	"FDBSREND-FDBSTART" LENGTH OF AN SRF FDB
12	(C)	SIGNED	2	FDBFREND(0)	END OF FDB FROZEN SECTION

Table 464. Structure FDBSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		WARNING THE OFFSETS BETWEEN FDBSTART AND FDBFREND MUST NOT BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON SOME JES3 MODULES. END OF SINGLE RECORD FILE FDB THE FOLLOWING FIELDS ARE FOR MULTI-RECORD FILE FDBS (EXISTS IF THE FLAG FDBMULT IS ON IN FDBFLAGS)			
12	(C)	BITSTRING	1	FDBFLAG1	- FLAGS FOR MULTIPLE RECORD FILES.
DEFINITION OF FDBFLAG1: MULTIPLE-RECORD FILES					
		1...		FDBOCLSE	"X'80'" - CLOSE OF FILE INITIATED.
		.1..		FDBFDATA	"X'40'" - FIRST DATA BUFFER FLAG.
		..1.		FDBDATCH	"X'20'" - DATA BUFFER CHAIN FLAG.
		...1		FDBSPLIT	"X'10'" - DATA IS SPLIT BETWEEN TWO BUFFERS.
		.... 1...		FDBEND	"X'08'" - FILE IS BEING OPENED AT ITS END.
		.... .1..		FDBPOINT	"X'04'" - POINT IS IN PROGRESS.
		.... ..1.		FDBF102	"X'02'" - Reserved for IBM
		1		FDBPNTIN	"X'01'" - APOINT HAS TYPE=IN AS PARAMETER.
13	(D)	BITSTRING	1	FDBFLAG2	- FLAGS FOR MULTIPLE RECORD FILES.
DEFINITION OF FDBFLAG2: MULTIPLE-RECORD FILES					
		1...		FDBLSTIO	"X'80'" - SET LAST I/O REQUEST STARTED.
		.1..		FDBALLIO	"X'40'" - SET WHEN LAST DATA BUFFER WRITTEN.
		..1.		FDBLOCAT	"X'20'" - SET WHEN AN ALOCATE IS DONE.
		...1		FDBNDATA	"X'10'" ON = NO DATA IN FILE
		.... 1...		FDBODEOD	"X'08'" RECOVER FROM NO EOD ON OPEND
		.... .1..		FDBSKIP	"X'04'" SKIP RECORD IF READ I/O ERROR
		.... ..1.		FDBMAC	"X'02'" MACHINE CARRIAGE CONTROL
		1		FDBASA	"X'01'" ASA CARRIAGE CONTROL FOR DS
14	(E)	BITSTRING	1	FDBFLAG3	- FLAGS FOR MULTI-RECORD FILES
DEFINITION OF FDBFLAG3: MULTIPLE-RECORD FILES					
		1...		FDBOPTCD	"X'80'" - OPTCD = J SPECIFIED
		.1..		FDBIOCNG	"X'40'" - I/O COUNT ERROR DETECTED
		..1.		FDBTMSTP	"X'20'" - DATCCX includes time stamp 12190S5A
15	(F)	BITSTRING	1	FDBFLGR4	- RESERVED FOR SERVICE
16	(10)	BITSTRING	1	FDBIOCNT	- NUMBER OF I/O REQUESTS OUTSTANDING.
17	(11)	BITSTRING	1	FDBERCNT	- NUMBER OF I/O ERRORS NOT CORRECTED.
18	(12)	SIGNED	2	FDBRL	- ROOM LEFT IN DATA BUFFER.
20	(14)	SIGNED	4	FDBBPTR	- CURRENT BUFFER POINTER.
24	(18)	BITSTRING	6	FDBOPEND(0)	- SPOOL ADR OF LAST DATA BUFFER
24	(18)	BITSTRING	2	FDBMODN2	- MOD NO OF LAST SPOOL EXTENT
26	(1A)	BITSTRING	4	FDBRECN2	- REC NO OF LAST SPOOL DATA

Table 464. Structure FDBSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
30	(1E)	SIGNED	2	FDBRSFLD	RESERVED FOR DEVELOPMENT
		END OF MULTI-RECORD FILE FDB			
32	(20)	BITSTRING	1	FDBMREND(0)	END OF MULTI-RECORD FILE FDB
32	(20)	X'20'	0	FDBMRFL	"FDBMREND-FDBSTART" LENGTH OF AN MRF FDB
		JOB/DATASET TAT FDB EXTENSION (EXISTS IF THE FLAG FDBJBTAT IS ON IN FDBFLAG0)			
12	(C)	SIGNED	4	FDBJBTEX(0)	START OF TAT FDB EXTENSION
		RETURN PARAMETERS FROM TRACK GROUP ALLOCATION			
12	(C)	SIGNED	2	FDBRECCT	- NUMBER OF AVAILABLE RECORDS
14	(E)	BITSTRING	6	FDBJTSPA(0)	- AVAILABLE RECORD ADDRESS
14	(E)	BITSTRING	2	FDBJTSPM	- MODULE NUMBER
16	(10)	BITSTRING	4	FDBJTSPR	- RECORD NUMBER
20	(14)	SIGNED	4	FDBVALID	- VALIDATION FIELD FOR FILE
24	(18)	SIGNED	2	FDBSPNDX	- JOB'S SPOOL PARTITION INDEX
26	(1A)	BITSTRING	1	FDBJTFLG	- JOB/DATASET TAT STATUS FLAGS
		DEFINITION OF FDBJTFLG: JOB/DATASET TAT STATUS FLAGS			
		1...		FDBJTBIT	"X'80'" - TRACK ALLOCATION SUSPENDED
		.1..		FDBDSTAT	"X'40'" - DATA SET TAT
		..1.		FDBJIOER	"X'20'" - IOERR POST REQUIRED
		...1		FDBRRERQ	"X'10'" - JSAM POST REQUIRED (RRE ALLOC)
		.... 1...		FDBJTOFL	"X'08'" - JSAM POST REQUIRED (JBT OVFLW)
		.... .1..		FDBRABDU	"X'04'" - FDB IN USE FOR RAB DESTROY
		.... ..1.		FDBJTERR	"X'02'" - RAB REFRESH ERROR
27	(1B)	BITSTRING	1	FDBJTRSV	- RESERVED FOR DEVELOPMENT
		END OF THE TAT FDB EXTENSION			
28	(1C)	BITSTRING	1	FDBJTEND(0)	END OF THE JBT FDB EXTENSION
28	(1C)	X'10'	0	FDBJBTXL	"FDBJTEND-FDBJBTEX" LENGTH OF JBT FDB EXTENSION
28	(1C)	X'1C'	0	FDBJBTL	"FDBSRFL+FDBJBTXL" LENGTH OF A TAT FDB
		IATYTVT TRANSFER VECTOR TABLE IATYFDB FILE DESCRIPTOR BLOCK THE FDB HAS BEEN PREVIOUSLY GENERATED IATYREG REGISTER EQUIVALENTS 0 REGISTER EQUIVALENTS 01 Change Activity: $RC= SP110 HJS6601 950410 PD0VW: SP1.1.0 SHOWHDR RUN GENERAL PURPOSE REGISTERS			
28	(1C)	X'0'	0	R0	"0"
28	(1C)	X'1'	0	R1	"1"
28	(1C)	X'2'	0	R2	"2"

Table 464. Structure FDBSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
28	(1C)	X'3'	0	R3	"3"
28	(1C)	X'4'	0	R4	"4"
28	(1C)	X'5'	0	R5	"5"
28	(1C)	X'6'	0	R6	"6"
28	(1C)	X'7'	0	R7	"7"
28	(1C)	X'8'	0	R8	"8"
28	(1C)	X'9'	0	R9	"9"
28	(1C)	X'A'	0	R10	"10"
28	(1C)	X'B'	0	R11	"11"
28	(1C)	X'C'	0	R12	"12"
28	(1C)	X'D'	0	R13	"13"
28	(1C)	X'E'	0	R14	"14"
28	(1C)	X'F'	0	R15	"15"
		ACCESS REGISTERS			
28	(1C)	X'0'	0	AR0	"0"
28	(1C)	X'1'	0	AR1	"1"
28	(1C)	X'2'	0	AR2	"2"
28	(1C)	X'3'	0	AR3	"3"
28	(1C)	X'4'	0	AR4	"4"
28	(1C)	X'5'	0	AR5	"5"
28	(1C)	X'6'	0	AR6	"6"
28	(1C)	X'7'	0	AR7	"7"
28	(1C)	X'8'	0	AR8	"8"
28	(1C)	X'9'	0	AR9	"9"
28	(1C)	X'A'	0	AR10	"10"
28	(1C)	X'B'	0	AR11	"11"
28	(1C)	X'C'	0	AR12	"12"
28	(1C)	X'D'	0	AR13	"13"
28	(1C)	X'E'	0	AR14	"14"
28	(1C)	X'F'	0	AR15	"15"
		IATYEQU General equates JES3 STANDARD EQUATES 01 Change Activity: $TA= z2.1.0 HJS7790 110523 PD0PK: z 2.1.0 GENERAL EQUATES			
28	(1C)	X'0'	0	NOP	"0" NO OPERATION
28	(1C)	X'F'	0	ALWAYS	"15" Unconditional branch 0084
		1111 1111		FF	"X'FF'" ALL BITS ON
28	(1C)	X'F0'	0	CHARZERO	"C'0'" CHARACTER ZERO
28	(1C)	X'F9'	0	CHARNINE	"C'9'" CHARACTER NINE
28	(1C)	X'C1'	0	CHARA	"C'A'" CHARACTER A
28	(1C)	X'C6'	0	CHARF	"C'F'" CHARACTER F
28	(1C)	X'6B'	0	CHARCMMA	"C','" CHARACTER COMMA
		AFTER COMPARE INSTRUCTIONS			

Table 464. Structure FDBSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
28	(1C)	X'2'	0	GT	"2" A HIGH
28	(1C)	X'4'	0	LT	"4" A LOW
28	(1C)	X'7'	0	NE	"7" A NOT EQUAL B
28	(1C)	X'8'	0	EQ	"8" A EQUAL B
28	(1C)	X'B'	0	GE	"11" A NOT LOW
28	(1C)	X'D'	0	LE	"13" A NOT HIGH
	AFTER LOGICAL INSTRUCTIONS				
28	(1C)	X'1'	0	NZNBOROW	"1" Not zero, no borrow
28	(1C)	X'1'	0	NZCARRY	"1" Not zero, carry
28	(1C)	X'4'	0	NZBORROW	"4" Not zero, borrow
28	(1C)	X'4'	0	NZNCARRY	"4" Not zero, no carry
28	(1C)	X'5'	0	LNZERO	"5" Not zero
28	(1C)	X'2'	0	ZNBORROW	"2" Zero, no borrow
28	(1C)	X'2'	0	ZCARRY	"2" Zero, carry
28	(1C)	X'8'	0	ZBORROW	"8" Zero, borrow
28	(1C)	X'8'	0	ZNCARRY	"8" Zero, no carry
28	(1C)	X'A'	0	LZERO	"10" Zero
28	(1C)	X'C'	0	BORROW	"12" Borrow
28	(1C)	X'3'	0	NOBORROW	"3" No borrow
28	(1C)	X'3'	0	CARRY	"3" Carry
28	(1C)	X'C'	0	NOCARRY	"12" No carry
	AFTER ARITHMETIC INSTRUCTIONS				
28	(1C)	X'1'	0	OV	"1" OVERFLOW
28	(1C)	X'2'	0	PLUS	"2" PLUS
28	(1C)	X'4'	0	MINUS	"4" MINUS
28	(1C)	X'7'	0	NZERO	"7" NOT ZERO
28	(1C)	X'8'	0	ZERO	"8" ZERO
28	(1C)	X'8'	0	ZEROS	"8" ZERO
28	(1C)	X'B'	0	NMINUS	"11" NOT MINUS
28	(1C)	X'E'	0	NOV	"14" NOT OVERFLOW
28	(1C)	X'D'	0	NPLUS	"13" NOT PLUS
	AFTER TEST UNDER MASK INSTRUCTIONS				
28	(1C)	X'1'	0	ALLON	"1" ALL ON
28	(1C)	X'4'	0	MIXED	"4" MIXED
28	(1C)	X'5'	0	NALLOFF	"5" ALLON+MIXED
28	(1C)	X'8'	0	ALLOFF	"8" ALL OFF
28	(1C)	X'C'	0	NALLON	"12" ALLOFF+MIXED
	AFTER TEST AND SET INSTRUCTION				
28	(1C)	X'4'	0	LOCKED	"4" ONE I.E. LOCKED
28	(1C)	X'8'	0	UNLOCKED	"8" ZERO I.E. UNLOCKED

Table 464. Structure FDBSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		AFTER LOAD REAL ADDRESS INSTRUCTION.			
28	(1C)	X'8'	0	INREAL	"8" PAGE IS IN REAL STORAGE
28	(1C)	X'7'	0	NOTIREAL	"7" PAGE NOT IN REAL STORAGE
28	(1C)	X'4'	0	SEGTBINV	"4" SEGMENT TABLE ENTRY INVALID
28	(1C)	X'2'	0	PAGTBINV	"2" PAGE TABLE ENTRY INVALID
28	(1C)	X'1'	0	LENTHINV	"1" LENGTH INVALID
		AFTER TEST PROTECTION INSTRUCTION.			
28	(1C)	X'E'	0	NTRANSNA	"14" NOT Translation not available
28	(1C)	X'D'	0	NNOACCSS	"13" NOT (Fetching not permitted; Storing not permitted)
28	(1C)	X'B'	0	NPAGPRTD	"11" NOT (Fetching permitted; Storing not permitted)
28	(1C)	X'8'	0	ALLACC	"8" Fetching permitted; Storing permitted
28	(1C)	X'7'	0	NALLACC	"7" NOT (Fetching permitted; Storing permitted)
28	(1C)	X'4'	0	PAGPRTD	"4" Fetching permitted; Storing not permitted
28	(1C)	X'2'	0	NOACCESS	"2" Fetching not permitted; Storing not permitted
28	(1C)	X'1'	0	TRANSNA	"1" Translation not available
		SYMBOLS USED FOR ACCESS REGISTER MODE			
28	(1C)	X'200'	0	ARMODON	"512" TURN ACCESS REGISTER MODE ON
28	(1C)	X'0'	0	ARMODOFF	"0" TURN ACCESS REGISTER MODE OFF
		Data Space Related Equates			
		....		DSPCMXSZ	"X'80000000'" Maximum data space size (2 Gigabytes)
		JES3 SYSTEM LIMITS			
28	(1C)	X'20'	0	J3MAXMP	"32" MAXIMUM NUMBER OF MAIN PROCESSORS IN A SINGLE JES3 COMPLEX
		TRACE TABLE SIZES ARE SPECIFIED IN BYTES			
28	(1C)	X'21000'	0	J3TRCSZ	"135168" SIZE OF EVENT TRACE TABLE
28	(1C)	BITSTRING	0	J3NUCTRC	"X'30000'" Size of Nuc path trace table
28	(1C)	X'F018'	0	J3AUXTRC	"61464" SIZE OF AUX PATH TRACE TABLE
28	(1C)	X'3FF'	0	J3TRCMAX	"1023" MAXIMUM SIZE OF USER DATA IN A TRACE ENTRY, IN WORDS
28	(1C)	X'F423F'	0	MAXIMUM_JOB_NUMBER_ALLOWED	"999999" This is the largest job number allowed in the system.
28	(1C)	X'FFFE'	0	MAXIMUM_COMPATIBLE_JOB	"65534" This is the largest job number containable in two bytes and therefore fallback-compatible with a release not supporting job numbers greater than 65534.

Table 464. Structure FDBSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
28	(1C)	X'FFFF'	0	ACTIVE_LIMIT	"65535" This is the largest number of JES managed or WLM managed jobs that can be concurrently active on a single main.
28	(1C)	X'7FFF'	0	MAXIMUM_JOBS_IN_DJC_NET	"32767" This is the maximum number of jobs that a single DJC net can contain.
28	(1C)	BITSTRING	0	MAX_OSE_SEQ	"X'7FFFFFFF'" Maximum OSE sequence number
28	(1C)	BITSTRING	0	MAX_SRF_SEQ	"X'FFFF'" Maximum value of SRFCNT after OW55574. This is also the maximum OSE sequence number before the introduction of the OSECNT4 field in HJS7740, 07369SZA or when compatibility 07369SZA with older releases is 07369SZA being enforced. 07369SZA
28	(1C)	BITSTRING	0	MAX_OSE_SEQ_DYNAL	"X'7FFFFF80'" Maximum value of OSECNT4 for which new SYSOUT data sets may be dynamically allocated. If a dynamic allocation is attempted when a job has OSE sequence numbers greater than this value, an abend S1FB-6E is issued.
28	(1C)	BITSTRING	0	MAX_OSE_OLD_DYNAL	"X'FFF0'" Maximum OSE sequence number 07369SZA for new dynamic alloca- 07369SZA tions when compatibility 07369SZA with older releases is 07369SZA being enforced. 07369SZA
		The following equates are all used for decisions and actions related to job limits, but specifically are used for different purposes.			
28	(1C)	BITSTRING	0	MAXIMUM_JOB_NUMBER_MASK	"X'FFFF'" This mask is used to clear the high order bytes from a word after placing a compatible job number into the low order bytes using an ICM with a mask of B'0011'.
28	(1C)	X'FFFF'	0	SPECIAL_JOB_XFFFF	"65535" As a compatible job number, indicates that the job number lives in a four byte field.
28	(1C)	X'F423F'	0	UNLIMITED_DSP_COUNT	"999999" As a DSP count this value indicates an "unlimited" count.
28	(1C)	BITSTRING	0	UNLIMITED_JOB_COUNT	"X'FFFFFFFF'" As a job count this value indicates an "unlimited" count such as a display count on certain commands with N=ALL.
28	(1C)	X'FFFF'	0	UNLIMITED_JOB_COUNT2	"65535" Same as UNLIMITED_JOB_COUNT except that it is for fields that must remain 2 bytes.
28	(1C)	X'10'	0	JOB_NUMBER_SHIFT	"16" To load a compatible job number into the low order bytes of a fullword and clear the other bytes, it is possible to ICM the job number with a mask of B'1100' and then shift it to the right using this equate. This must be done instead of clearing the target register before the ICM in cases where the target register is also a base address; e.g.: ICM R2,B'1100',xxx(R2).
		SYMBOLS USED TO SET OR CLEAR A HIGH ORDER BIT			
	....			EQUHOBON	"X'80000000'" HIGH ORDER BIT ON
28	(1C)	BITSTRING	0	EQUHOBOF	"X'7FFFFFFF'" HIGH ORDER BIT OFF

Table 464. Structure FDBSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		SYMBOLS USED FOR SECURITY			
28	(1C)	X'50'	0	SECTKNLN	"80" CURRENT LENGTH OF SECURITY TOKEN
28	(1C)	X'50'	0	TKNMAPLN	"80" CURRENT LENGTH OF THE MAPPED TOKEN RETURNED FROM TOKNMAP
28	(1C)	X'F0'	0	SAFMSGSP	"240" SUBPOOL USED FOR MESSAGES 0063 RETURNED BY SAF AND USER EXITS 58 + 59
28	(1C)	X'F0'	0	SAFEXTSP	"240" SUBPOOL USED FOR RETURNING EXTRACTED INFORMATION FROM THE SECURITY PRODUCT
		Subpool shared between the IATINTK and IATNUC tasks. Storage that needs to be obtained by one task and freed by the other task should be obtained in this subpool. Subpool zero cannot be used since subpool zero is not shared between these tasks.			
28	(1C)	X'9'	0	INTK_SHARED_SUBPOOL	"9" Shared subpool
		Functional equates for the PLO instruction.			
28	(1C)	X'0'	0	PLO_CL	"0" Compare and Load, 32 bit
28	(1C)	X'1'	0	PLO_CLG	"1" Same, 64 bit
28	(1C)	X'2'	0	PLO_CLGR	"2" Same, 64 bit, some operands in registers
28	(1C)	X'3'	0	PLO_CLX	"3" Same, 128 bit
28	(1C)	X'4'	0	PLO_CS	"4" Compare and Swap, 32 bit
28	(1C)	X'5'	0	PLO_CSG	"5" Same, 64 bit
28	(1C)	X'6'	0	PLO_CSGR	"6" Same, 64 bit, some operands in registers
28	(1C)	X'7'	0	PLO_CSX	"7" Same, 128 bit
28	(1C)	X'8'	0	PLO_DCS	"8" Double Compare and Swap, 32 bit
28	(1C)	X'9'	0	PLO_DCSG	"9" Same, 64 bit
28	(1C)	X'A'	0	PLO_DCSGR	"10" Same, 64 bit, some operands in registers
28	(1C)	X'B'	0	PLO_DCSX	"11" Same, 128 bit
28	(1C)	X'C'	0	PLO_CSST	"12" Compare and Swap and Store, 32 bit
28	(1C)	X'D'	0	PLO_CSSTG	"13" Same, 64 bit
28	(1C)	X'E'	0	PLO_CSSTGR	"14" Same, 64 bit, some operands in registers
28	(1C)	X'F'	0	PLO_CSSTX	"15" Same, 128 bit
28	(1C)	X'10'	0	PLO_CSDST	"16" Compare and Swap and Double Store, 32 bit
28	(1C)	X'11'	0	PLO_CSDSTG	"17" Same, 64 bit
28	(1C)	X'12'	0	PLO_CSDSTGR	"18" Same, 64 bit, some operands in registers
28	(1C)	X'13'	0	PLO_CSDSTX	"19" Same, 128 bit
28	(1C)	X'14'	0	PLO_CSTST	"20" Compare and Swap and Triple Store, 32 bit
28	(1C)	X'15'	0	PLO_CSTSTG	"21" Same, 64 bit
28	(1C)	X'16'	0	PLO_CSTSTGR	"22" Same, 64 bit, some operands in registers
28	(1C)	X'17'	0	PLO_CSTSTX	"23" Same, 128 bit

Table 465. Structure IATGRVT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATGRVT	
0	(0)	X'0'	0	TVTABLE	"IATGRVT" 0041

```
                          WARNING
THE OFFSETS FOR THE FIELDS DEFINED BETWEEN TVTABLE AND
TVTFREND MUST NOT BE CHANGED, AS THIS WILL HAVE AN ADVERSE
EFFECT ON SOME JES3 MODULES.
```

```
                JES3 MODULE ENTRY POINT IDENTIFIER
01 Change Activity:
   $SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0
```

0	(0)	CHARACTER	8	TVTID	MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM
36	(24)	ADDRESS	2	TVTLNGTH	TVTABLE length 0041
40	(28)	SIGNED	4	TVTINDAT(2)	IATINIT DATE JES3 STARTED - 0CYYDDDF
40	(28)	X'2C'	0	TVTINTIM	"TVTINDAT+4" IATINIT TIME JES3 STARTED - HHMMSSTH

```
                        LOCATED
SYMBOL OP ENTRY IN COMMENT
                        MODULE
```

48	(30)	ADDRESS	4	FCTTOP	"V(FCTTOP)" IATGRPT FIRST FCT ENTRY
52	(34)	ADDRESS	4	AINTDATA	SET BY IATINIT POINTER TO INISH DATA CSECT
56	(38)	ADDRESS	4	ASPECB	IATINIO ADDR OF JES3 MASTER ECB
60	(3C)	ADDRESS	4	AWAITEP	"V(AWAITX)" IATGRCT MFM AWAIT PROCESSING
64	(40)	ADDRESS	4	ASAVE	"V(ASAVEYES)" IATGRSV ASAVE PROCESSING
68	(44)	ADDRESS	4	ARETNAD	"V(ASARETRN)" IATGRSV ARETURN ENTRY POINT
72	(48)	ADDRESS	4	JESTAE	SET BY IATABMN JESTAE
76	(4C)	ADDRESS	4	FAILDSP	SET BY IATABMN FAIL A DSP
80	(50)	ADDRESS	4	TVTXBPL	"V(IATXBPL)" IATGRQC BUILD CELL POOL ROUTINE
84	(54)	ADDRESS	4	TVTXGCL	"V(IATXGCL)" IATGRQC GET CELL POOL ROUTINE
88	(58)	ADDRESS	4	TVTXRCL	"V(IATXRCL)" IATGRQC RELEASE CELL POOL ROUTINE
92	(5C)	ADDRESS	4	TVTXDPL	"V(IATXDPL)" IATGRQC DELETE CELL POOL ROUTINE
96	(60)	ADDRESS	4	TVTXCNDB	"V(IATCNDB)" IATCNDB PROCESS CNDB CONTROL BLOCKS

```
The IATYTVTX macro is expanded in IATGRVTX for IATNUC and
IATNUCI and it is expanded in IATGRVXF for IATNUCF.
```

100	(64)	ADDRESS	4	TVTFTVT	"V(IATGRVTX)" Address of TVTX module
104	(68)	ADDRESS	4	TVTCTVT	"V(IATGRVTC)" IATGRVTC TVT CHECKPOINTED EXTENSION
108	(6C)	BITSTRING	4	TVTHOBOF	USED TO TURN OFF HIGH ORD BIT

Table 465. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
112	(70)	SIGNED	4	TVTRD005	Reserved for development
116	(74)	ADDRESS	4	TVTCSF	"V(GRGSNTRY)" IATGRGS CALL SUBTASK FUNCTION RTN
120	(78)	ADDRESS	4	ANJECNSQ	- PTR TO NJE CONSOLE QUEUES
124	(7C)	ADDRESS	4	TVTGROCO	"V(IATGROCO)" IATGROCO INVOKE NON-SOURCE ROUTINES 0059
128	(80)	ADDRESS	4	TVTCNMLW	"V(CNRNMLWO)" IATCNRN IATXMLWO SERVICE ROUTINE
132	(84)	ADDRESS	4	AGETMAIN	"V(GETMAINX)" IATGRGM GETMAIN
136	(88)	ADDRESS	4	APUTMAIN	"V(PUTMAINX)" IATGRGM FREEMAIN
140	(8C)	ADDRESS	4	ATIME	"V(TMATIME)" IATGRTM TIMER SERVICES
144	(90)	ADDRESS	4	MESSAGE	"V(IATCNWO)" IATCNWO MESSAGE FROM DSP
148	(94)	ADDRESS	4	TVTSSVT	SET BY IATINIT ADDR SSVT
152	(98)	ADDRESS	4	ACONSBCB	SET BY IATINC2 CONSOLE BUFFER CONTROL BLOCK
156	(9C)	BITSTRING	1	JESPOOL	USED BY AGETPUTM FOR DEFAULT SUBPOOL
157	(9D)	BITSTRING	1	ACONTIME	CONSOLES INITIALIZATION FLAG
		1...		INITCMP	"X'80'" INITIALIZATION IS COMPLETE
		.1..		INCNCMP	"X'40'" IATINC2 COMPLETE
		..1.		ACONRS20	"X'20'" Reserved flag
		...1		ACONRS10	"X'10'" Reserved flag
		.... 1...		RJPCPOST	"X'08'" JESXCF posting RJPCONS
		.... .1..		RJPCTIME	"X'04'" Timer pop posting RJPCONS
158	(9E)	BITSTRING	1	TVTRDFR1	RESERVED FOR DEVELOPMENT 0012
159	(9F)	BITSTRING	1	TVRSTFLG	JES3 Start flag 0012
		1...		COLDSTRT	"X'80'" JES3 is cold starting 0012
		.1..		WARMSTRT	"X'40'" JES3 is warm starting 0012
		..1.		HOTSTRT	"X'20'" This address space is hot 0012 starting (JES3) or is an 0012 FSS 0012
		...1		ANALYZE	"X'10'" Queue analysis required 0012
		.... 1...		DSIACTV	"X'08'" DSI active 0012
		.... .1..		CPUIPL	"X'04'" This CPU was IPLed before 0012 JES3 was started 0012
		.... ..1.		TVTREFRS	"X'02'" A refresh is being done 0012 Valid only when HOTSTRT 0012 is also on (i.e. a hot 0012 start with refresh is 0012 being performed). 0012 0012
		1		TVTSPREP	"X'01'" WR or WAR type restart 0012
160	(A0)	ADDRESS	4	RJPTAB	SET BY IATINR2 RESIDENT RJP TABLE
164	(A4)	ADDRESS	4	SRJPRTRM	SET BY IATINWS FIRST SNA WORKSTAT ENTRY
168	(A8)	ADDRESS	4	RJPRTERM	SET BY IATINR2 1ST TERM ENTRY IN RESTABL 0012
172	(AC)	SIGNED	4	TVTRDFR2	RESERVED FOR DEVELOPMENT
The following 3 fields (TVTENWRK, TVTENCTL, TVTENFRW) must be contiguous since CDS logic is used to serialize access to the queue of IATOSENF subtask work areas.					
176	(B0)	DBL WORD	8	TVTENWRK(0)	Queue of available work areas for IATOSENF subtask

Table 465. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
176	(B0)	SIGNED	4	TVTENCTL	Queue control word
180	(B4)	ADDRESS	4	TVTENFRW	Address of 1st free element
184	(B8)	SIGNED	4	TVTRS00F(6)	RESERVED FOR SERVICE
208	(D0)	SIGNED	2	TVTFREND(0)	END OF TVT FROZEN SECTION

```
                          WARNING
THE OFFSETS FOR THE FIELDS DEFINED BETWEEN TVTABLE AND
TVTFREND MUST NOT BE CHANGED, AS THIS WILL HAVE AN ADVERSE
EFFECT ON SOME JES3 MODULES.
       SYSTEM TABLE POINTERS
                     'IATGRVT(F)' = 'IATGRVT + IATGRVTF'
```

208	(D0)	ADDRESS	4	ADLTABLE	SET BY IATINGN DEADLINE TABLE
212	(D4)	ADDRESS	4	TVTTOKEN	SET BY IATINIT PTR TO J3/UTOKEN STRUCTURE
216	(D8)	ADDRESS	4	DSQLOC	SET BY IATINIT DESTINATION ROUTING TABLE
220	(DC)	ADDRESS	4	DSPDIC	"V(DSPDICT)" IATGRPT DSP DICTIONARY
224	(E0)	ADDRESS	4	EFTOP	ENDING FUNCTION CHAIN
228	(E4)	ADDRESS	4	FCTACTIV	SET BY IATGRCT ACTIVE FCT
232	(E8)	ADDRESS	4	JNCBTOP	DJC JNCB CHAIN
236	(EC)	ADDRESS	4	JSSFCT	"V(JSSFCT)" IATGRPT IATGRJS FCT
240	(F0)	ADDRESS	4	MAINACT	SET BY IATINM3 ACTIVE MAIN PROC TABLE
244	(F4)	ADDRESS	4	MAINDATA	SET BY IATINM2 MAIN PROCESSOR CONTROL TABLE
248	(F8)	ADDRESS	4	MCLASS	SET BY IATINM2 JOB CLASS TABLE
252	(FC)	ADDRESS	4	MDSPARM	SET BY IATINMD MDS CONTROL TABLE
256	(100)	ADDRESS	4	DYNDYNP	SET BY IATINMD PTR TO DYN DATA
260	(104)	ADDRESS	4	MGROUP	SET BY IATINM2 JOB CLASS GROUP TABLE
264	(108)	ADDRESS	4	MLBCB	IATINM2 ADDR OF MAIN LOAD BALANCE CB
268	(10C)	ADDRESS	4	TVTRDQTP	READY QUEUE ANCHOR
268	(10C)	X'10C'	0	TVTRDQEF	"TVTRDQTP,1" READY QUEUE FCT ECF
		1...		TVTRDQPT	"X'80'" FCT ADDED TO READY QUEUE
272	(110)	ADDRESS	4	PAFCTBTM	SET BY IATINRB LAST AVAILABLE PREALLOCATED FCT ENTRY
276	(114)	ADDRESS	4	PAFCTTOP	SET BY IATINRB FIRST AVAILABLE PREALLOCATED FCT ENTRY
280	(118)	ADDRESS	4	TVTRQCAD	SET BY IATINRB RESQUEUE CONTROL AREA
284	(11C)	ADDRESS	4	TVTSDA	Statistics Data Area
288	(120)	ADDRESS	4	PRTAB	SET BY IATINDEV 1ST PRINTER ENTRY IN SUPUNITS
292	(124)	ADDRESS	4	PUNTAB	SET BY IATINDEV 1ST PUNCH ENTRY IN SUPUNITS
296	(128)	ADDRESS	4	RESTABLE	"V(RESTABLX)" IATGRRQ RESOURCE MGMT TABLE
300	(12C)	ADDRESS	4	TVTCALNT	"V(ASACALNT)" ACALL (no trace) entry point
304	(130)	ADDRESS	4	TVTRETNT	"V(ASARETNT)" ARETURN (no trace) entry point
308	(134)	ADDRESS	4	SRJPSRT	SET BY IATINWS RESIDENT SNA RJP TABLE
312	(138)	ADDRESS	4	TVTSOCK	Set by IATINSOC Socket chain
316	(13C)	ADDRESS	4	TVTLLPRT	SET BY IATINDEV LAST LOCAL PRINTER (PRTAB)

Table 465. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
320	(140)	ADDRESS	4	TVTJMJDS	Set by IATINC2 JESMSGLG JDS skeleton entries for Spinoff
324	(144)	ADDRESS	4	TVTRS010	RESERVED FOR SERVICE
		TVT DOUBLE WORD FIELDS			
328	(148)	DBL WORD	8	TVTSVHDR(0)	IATGRSV DOES A CDS ON TVTSVLST
328	(148)	ADDRESS	4	TVTSVLST	IATGRSV SAVEAREA FREE POOL LIST
332	(14C)	ADDRESS	4	TVTSVCNT	IATGRSV CNTL CNT FOR CDS SERIALIZATION
336	(150)	DBL WORD	8	TVTWORKD	DOUBLE WORD WORK AREA
336	(150)	X'154'	0	TVTWORKS	"TVTWORKD+4,4" SINGLE WORD WORK AREA
344	(158)	DBL WORD	8	TVTTELS(0)	POINTERS TO TEL CHAIN 0446
344	(158)	SIGNED	4	TVTTELTP	FIRST TEL ON TEL CHAIN 0446
348	(15C)	SIGNED	4	TVTTELEN	LAST TEL ON TEL CHAIN 0446
352	(160)	DBL WORD	8	SRJPSTQ(0)	SNA RJP STORAGE QUEUE
		THE SNA RJP STORAGE QUEUE MUST USE COMPARE DOUBLE AND SWAP (CDS) TO INCREMENT THE COUNT AND CHANGE THE QUEUE ANCHOR WITH THE SAME INSTRUCTION			
352	(160)	SIGNED	4	SRJPSCTR	STORAGE COUNTER
356	(164)	SIGNED	4	SRJPSQAN	STORAGE QUEUE ANCHOR
360	(168)	SIGNED	4	SRJPCSFL	COMPARE AND SWAP WORD
360	(168)	X'168'	0	SRJPECF	"SRJPCSFL" ECF TO CONTROL SNARJP DSP
		FIRST BYTE OF SRJPCSFL DEFINITION OF SRJPECF			
		1...		SRJPRJS	"X'80'" RETURN TO JSS FLAG
		.1..		SRJPBCB	"X'40'" BUILD CONTROL BLOCK FLAG
		..1.		SRJPRCB	"X'20'" REMOVE CONTROL BLOCKS FLAG
		...1		SRJPPOP	"X'10'" PROCESS OPER. COMMANDS FLAG
		.... 1...		SRJPWKQ	"X'08'" PROCESS WORK QUEUES FLAG
		1. INTERCOM COMMANDS FROM WORKSTATION CONSOLES 2. SEND MESSAGES TO OPERATOR 3. CALL IATCNRM TO SEND MSGS TO WS CONSOLES 4. INTERCOM START READER COMMANDS 5. TERMINATE SESSIONS (ISSUE CLSDST) 6. ISSUE WSOPEN FOR OUTBOUND CONSOLE 7. INTERCOM COMMANDS FROM DATA FLOW CONTROL			
		.... .1..		SRJPRSVS	"X'04'" Reserved for service
		.... ..1.		SRJPISEC	"X'02'" PROCESS SECURITY REQUEST #403
360	(168)	X'16B'	0	SRJPFLG	"SRJPCSFL+3" SNA RJP FLAGS
360	(168)	X'16B'	0	SRJPACT	"SRJPFLG" SNA RJP ACTIVE FLAG
		1...		SRJPACTM	"X'80'" SNA RJP ACTIVE MASK
364	(16C)	ADDRESS	4	TVTNTSV	Set by IATINNSV NETSERV anchor
368	(170)	ADDRESS	4	TVTBALST	POINTER TO LAST BALJ
372	(174)	ADDRESS	4	RQBTM	LAST RESQUEUE ENTRY
376	(178)	ADDRESS	4	RQDTOP	ORIGIN OF DEMAND SEL Q
380	(17C)	ADDRESS	4	RQTOP	FIRST RESQUEUE ENTRY
384	(180)	ADDRESS	4	SCTAB	SET BY IATINGN SYSOUT CLASS TABLE

Table 465. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
388	(184)	ADDRESS	4	SETNAMES	SET BY IATINMD SETNAMES TABLE
392	(188)	ADDRESS	4	SUPUNITS	SET BY IATINDEV SUPPORT UNITS TABLE
396	(18C)	ADDRESS	4	SYSTAB	SET BY IATINDEV 1ST SYS ENTRY IN SUPUNITS
400	(190)	ADDRESS	4	SYSUNITS	SET BY IATGRSYS SYSTEM UNITS TABLE
404	(194)	ADDRESS	4	TVTMDSRD	SET BY IATINMD MDSSRS DATA AREA ADDRESS
408	(198)	ADDRESS	4	TVTLDAAD	SET BY IATINLC LOCATE DATA AREA ADDRESS
412	(19C)	ADDRESS	4	TVTBALJ	IATINIO JES3 BUFFER ALLOC BLK
416	(1A0)	ADDRESS	4	TVTDATQ	QUEUE OF IATYDATS FOR DISKS
416	(1A0)	X'1A0'	0	TVTDMCQ	"TVTDATQ" QUEUE OF IATYDMCS FOR DISKS
TVTBALJ, TVTDATQ AND TVTDMCQ WILL BE USED IN THE FSS ADDRESS SPACE AS WELL AS THE JES3 GLOBAL ADDRESS SPACE. ADDRESSES WILL DIFFER BETWEEN THE FSS AND JES3 GLOBAL ADDRESS SPACES.					
420	(1A4)	ADDRESS	4	TVTDFCB	DFCB CHAIN TOP
424	(1A8)	ADDRESS	4	TVTFSS	SET BY IATINFS ADDR OF FIRST FSS TABLE
428	(1AC)	SIGNED	4	TVTIDAAD	IATINI1 INTERPRETER DATA AREA ADDR.
432	(1B0)	ADDRESS	4	TVTJQX	"V(JQXSTART)" IATGRJX ADDR JQX
436	(1B4)	ADDRESS	4	TVTSQE	ADDR OF STORAGE Q
440	(1B8)	ADDRESS	4	TVTMEMD	ADDR OF JES3 MEMDATA
444	(1BC)	ADDRESS	4	TVTRTAB	"V(TRANSTAB)" IATGRVT(F) SYSTEM TRANSLATE TABLE
448	(1C0)	ADDRESS	4	TVTSMFCH	IATOSDR SMF WRITE CHAIN START
452	(1C4)	ADDRESS	4	TVTSPPCH	IATOSDR SETPRT REQUEST QUEUE
456	(1C8)	ADDRESS	4	TVTUXL	"V(IATYUXL)" IATGRPT USER EXIT LIST TABLE
460	(1CC)	ADDRESS	4	TVTYOSD	"V(OSDSTART)" IATOSDR OUTSERV DATA SET DEFAULTS
464	(1D0)	ADDRESS	4	WTDQUE	WTD CONTROL BLOCK
468	(1D4)	SIGNED	4	TVTIFCAD	IATINFC C/I FSS DATA AREA ADDR.
472	(1D8)	ADDRESS	4	TVTCPBCH	IATGRQC First Quickcell CPB
476	(1DC)	ADDRESS	4	TVTCPBEN	IATGRQC Last Quickcell CPB
480	(1E0)	SIGNED	4	TVTRS040	Reserved for IBM
484	(1E4)	ADDRESS	4	FCTLAST	SET BY IATGRCT LAST FCT ENTRY
488	(1E8)	SIGNED	4	NCKLOCK	THIS WORD CONTAINS THE FCT ADDRESS THAT CURRENTLY HOLDS THE NCK LOCK - X'80' AT LABEL NCKADD
492	(1EC)	ADDRESS	4	TVTFSLG	SET BY IATINIT LOGOUT MODULE
496	(1F0)	ADDRESS	4	TVTFSRC	SET BY IATINIT TERMINATE FAILING FCT
500	(1F4)	ADDRESS	4	TVTTAWK	PTR TO TRACK ALLOC DSP RREPOOL
504	(1F8)	BITSTRING	1	TVTTAECF	TRACK ALLOC DSP ECF
DEFINITION OF TVTAECF					
		1...		DMTAREQ	"X'80'" REQUESTS FROM GLOBAL
		.1..		DMTARPLY	"X'40'" REPLIES FROM GLOBAL

Table 465. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		Fields used by macro IATXSUSP			
505	(1F9)	BITSTRING	1	TVTSUSPE	ECF used by IATXSUSP
506	(1FA)	BITSTRING	1	TVTSUSPM	IATXSUSP post mask; the mask value flip-flops between x'80' and x'40'
507	(1FB)	BITSTRING	1	TVTRD040	Reserved for development
508	(1FC)	SIGNED	4	TVT3100D	DOM ID FOR MSG IAT3100
512	(200)	ADDRESS	4	TVTJADAD	USAM JDS ACCESS INTERFACE DATA AREA (JAD) ANCHOR
516	(204)	ADDRESS	4	TVTPDAAD	PROCESS SYSOUT (PSO) DATA AREA (PDA) ANCHOR
520	(208)	ADDRESS	4	TVTSDEAD	SYSOUT Application Program Interface (SAPI) DSP Entry address
524	(20C)	ADDRESS	4	TVTSOSRQ	Sysout Application Program Interface (SAPI) Output Service Restart Q (OSR)
528	(210)	ADDRESS	4	TVTOSRTQ	OUTPUT SERVICE RESTART QUE for FSS writers
532	(214)	ADDRESS	4	TVTRU050(4)	AVAILABLE TO USER
548	(224)	BITSTRING	1	TVTJNCBF	DJC FLAGS
		DEFINITION OF TVTJNCBF			
		.1..		DJCPOST	"X'40'" DJC POSTED
		...1		DJCACTIV	"X'10'" IATDCUP IS ACTIVE
		.... ..1.		JNCBPOST	"X'02'" JNCB POSTED
549	(225)	BITSTRING	1	TVTSMFFL	SMF FLAGS
		DEFINITION OF TVTSMFFL			
		1...		SMFPOST	"X'80'" SMF REC TO BE WRITTEN
		.... ..1.		SMFRCUR	"X'02'" SMF RECURSION BIT
		1		SMFDYFCT	"X'01'" DYNAM FCT HAS BEEN BUILT
550	(226)	BITSTRING	1	TVTSPPFL	SETPRT COUNT
551	(227)	BITSTRING	1	TVTWTDEC	ECF TO POST WTD PROCESSING
		Work To Do Driver post flags.			
		1...		TVTWTDPS	"X'80'" WTD Post (IATGRWD)
		.1..		TVTINPPS	"X'40'" Input cmd Post (IATGRWD)
		..1.		TVTWTD20	"X'20'" Reserved
		...1		TVTWTD10	"X'10'" Reserved
		.... 1...		TVTWTD08	"X'08'" Reserved
		.... .1..		TVTWTD04	"X'04'" Reserved
		.... ..1.		TVTWTD02	"X'02'" Reserved
		1		TVTWTD01	"X'01'" Reserved
552	(228)	BITSTRING	1	AWAIT	IATGRVT(F) AWAIT CONDITION CODE
553	(229)	BITSTRING	1	AWAITL	IATGRVT(F) AWAIT-LIST CONDITION CODE
554	(22A)	BITSTRING	1	AWAITOFF	IATGRVT(F) AWAITOFF CONDITION CODE
555	(22B)	BITSTRING	1	AWAITOFL	IATGRVT(F) AWAITOFF-LIST COND CODE
556	(22C)	BITSTRING	1	JESKEY	IATGRVT(F) JES3 STORAGE PROTECT KEY
557	(22D)	BITSTRING	1	IOERRECF	ERROR RECOVERY POST FLAGS

Table 465. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF IOERRECF			
		1...		IOEERROR	"X'80'" SPOOL I/O ERROR OCCURRED
		.1..		IOENORML	"X'40'" I/O TERMINATED NORMALLY
		..1.		IOETIMED	"X'20'" MISSING I/O COMPLETION POST
558	(22E)	BITSTRING	1	TVTJNECF	ECF FOR AJOBNUM BUSY
		DEFINITION OF TVTJNECF			
		1...		TVTJNMSK	"X'80'" AJOBNUM AVAILABLE ECF MASK
		.1..		TVTJNTHL	"X'40'" AJOBNUM below threshold
559	(22F)	BITSTRING	1	TVTJNWID	JES NEWS DATA SET ID
560	(230)	BITSTRING	1	TVDSIECF	ECF BYTE FOR DSI
		DEFINITION OF TVDSIECF			
		1...		TVTSDSI	"X'80'" *S DSI RECEIVED
		.1..		TVTCDSI	"X'40'" *C DSI RECEIVED
561	(231)	BITSTRING	1	RJPSNPFL	RJP SNAP FUNCTION FLAGS BIT EQUATES ARE IN IATRJSN
562	(232)	BITSTRING	1	TVTRS060(2)	RESERVED FOR SERVICE
		ROUTINE ENTRY POINTS SECTION 1 - NON-COUNTABLE ENTRY POINTS (FROM ASAVE TO TVTEPS) SECTION 2 - COUNTABLE ENTRY POINTS (USING X IC - IATUTIC) (FROM ABACKR TO TVTEPE)			
564	(234)	SIGNED	4	TVTEPST(0)	START OF NON-COUNTABLE ENTRY POINTS
564	(234)	ADDRESS	4	TVTWROSE	"V(WRITEOSE)" IATOSOR WRITEOSE ROUTINE ADDRESS
568	(238)	ADDRESS	4	TVTSAFCL	"V(IATPUSC)" IATPUSC PURGE SYSIN/SYSOUT SAF CALL
572	(23C)	ADDRESS	4	IATXSIO	IATDMDK
572	(23C)	X'23C'	0	TVTDMDK	"IATXSIO" IATDMDK
576	(240)	ADDRESS	4	TVTERRQ	IATDMIT CHAIN OF ISR'S WITH IO ERRS
580	(244)	ADDRESS	4	TVTERRWK	IATDMER PTR TO DMER'S IO ERR WORKAREA
584	(248)	ADDRESS	4	TVTSTTBL	"V(STTBUILD)" IATDMST STT BUILD ROUTINE
588	(24C)	ADDRESS	4	TVTSTTAL	"V(STTALLOC)" IATDMST STT RECORD ALLOC
592	(250)	ADDRESS	4	TVTSTTPG	"V(STTPURGE)" IATDMST STT RECORD PURGE
596	(254)	ADDRESS	4	TVTSTTBD	"V(STTBAD)" IATDMST STT BADTRACK ROUTINE
600	(258)	ADDRESS	4	TVTSTTSR	"V(STTSRCH)" IATDMST STT SEARCH ROUTINE
604	(25C)	ADDRESS	4	DSPIG	"V(PIG)" IATIQPG PART/INQ TGPS ROUTINE
608	(260)	ADDRESS	4	TVTTGBUP	"V(TGBUPDAT)" IATDMTK BYPASS TABLE UPDATE
612	(264)	ADDRESS	4	TVTPBITL	"V(BITLOC)" IATDMTK X.G TO PTAT BIT CONVERSION
616	(268)	ADDRESS	4	TVTPTATS	"V(TATSTAT)" IATDMTK PTAT STATUS UPDATE RTN

Table 465. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
620	(26C)	ADDRESS	4	TVTJBTS	"V(JOBTATS)" IATDMTK JOB, DS TAT SEARCH RTN
624	(270)	ADDRESS	4	JDSBENRY	"V(JDSSCAN)" IATGRJA CI SUBTSK JDS ACCESS EP
628	(274)	ADDRESS	4	IATXJDS	"V(IATXJDSX)" IATGRJA ADDRESS OF JDS ACCESS RTNS
632	(278)	ADDRESS	4	IATXJET	"V(IATXJETX)" IATGRJA Address of JET initialization routine
636	(27C)	ADDRESS	4	IATXCSS	"V(IATDMCS)" IATDMCS ADDRESS OF SRF SERVICES
640	(280)	ADDRESS	4	TVTSLOTL	"V(SLOTLOC)" IATDMTK Address of VALID array slot location routine
644	(284)	ADDRESS	4	TVTRJPDI	"V(RJPDINFO)" IATOSGR Access RJP device info 0012 0012
648	(288)	ADDRESS	4	IATXTRC	IATINSV JES3 trace in CSA, also FSS trace in FSS private
652	(28C)	ADDRESS	4	TVTXCKPT	IATGRCK IATXCKPT ENTRY POINT
656	(290)	ADDRESS	4	JOBNALOC	"V(JNUMALOC)" IATGRJN ALLOCATE A SPECIFIC JOBNO.
660	(294)	ADDRESS	4	JOBNRTN	"V(JOBNMBER)" IATGRJN ALLOCATE NEXT AVAIL JOBNO.
664	(298)	ADDRESS	4	JOBNSET	"V(JNUMSET)" IATGRJN SET NUMBER FOR JOBNO. SCAN
668	(29C)	ADDRESS	4	JSSRETRN	"V(JSSRTN)" IATGRJR DSP RETURN POINT TO IATGRJR
672	(2A0)	ADDRESS	4	TVTJETCR	"V(CSBTCRT)" IATGRJA JET create routine address 0010
676	(2A4)	ADDRESS	4	TVABNGET	IATABN0 VIRT ADDR VALID'N RTN
680	(2A8)	ADDRESS	4	TVTABMN	SET BY IATABMN ADDR OF MODULE IATABMN
684	(2AC)	ADDRESS	4	TVTSTAD	SET BY IATABMN ABEND SERIALIZATION SERVICE
688	(2B0)	ADDRESS	4	TVTJ3PST	IATINIO POSTJES3 RTN IN CSA
692	(2B4)	ADDRESS	4	TVTVPTH	"V(AVAILPTH)" IATGRCT CALL MVS PATH VALIDATION
696	(2B8)	ADDRESS	4	TVTVIOPM	IATINIT MVS PATH VALIDATION RTN IOSVIOPM
700	(2BC)	ADDRESS	4	TVTLPJ3	"V(IATGRLPJ)" IATGRG1 LOCAL POST JES3 ROUTINE
704	(2C0)	ADDRESS	4	TVTSTMD	"V(IATGRSM)" IATGRCT IATXSTMD ROUTINE
708	(2C4)	ADDRESS	4	TVTGRSM1	"V(IATGRSM1)" IATGRCT IATXSTMD SPECIAL ENTRY PT
712	(2C8)	ADDRESS	4	TVTXATDE	"V(IATGRATD)" IATGRG1 ATTACH/DETACH ATDE ROUTINE
716	(2CC)	ADDRESS	4	TVTXJLOK	"V(IATGRLCK)" IATGRG1 OBTAIN/RELEASE LOCK ROUTINE
720	(2D0)	ADDRESS	4	TVTMSMI	IATMSMI ENTRY PT SET BY MSDR
724	(2D4)	ADDRESS	4	TVTOSDIE	SET BY IATINIO OUTPUT SERVICE DIE RTN ADR
728	(2D8)	ADDRESS	4	IATXOSPM	"V(IATOSWPX)" IATOSWP OUTSERV PIPELINE MANAGER
732	(2DC)	ADDRESS	4	TVTOSFP	IATOSFP FSS WRITER PENDING DATASET QUEUE MANAGER
736	(2E0)	ADDRESS	4	TVTDSPIQ	"V(INQOSFCT)" IATIQOI OUTPUT SERVICE INQUIRY IMPLEMENTATION
740	(2E4)	ADDRESS	4	TVTDSPMO	"V(MODOSFCT)" IATMOOI OUTPUT SERVICE MODIFY IMPLEMENTATION

Table 465. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
744	(2E8)	ADDRESS	4	TVTJNFND	"V(GRJNFIND)" IATGRJN Find available number 07081SXA using a bit map 07081SXA
748	(2EC)	ADDRESS	4	SRJPSNLK	SET BY IATSNLD SNARJP LCB USE COUNT MANAGER
THESE EQUATED VALUES ARE USED BY THE MACRO IATXSNLK					
		....		SNLKINC	"X'00000000',4" SNARJP - INCREMENT USE COUNT
		.... .1..		SNLKDEC	"X'00000004',4" SNARJP - DECREMENT USE COUNT
		.... 1...		SNLKINNC	"X'00000008',4" SNARJP - INC USE COUNT NO CHECK
		....		SNLKERR	"X'80000000',4" SNARJP - ERROR EXIT SPECIFIED
		....		SNLKNORM	"X'40000000',4" SNARJP - NORMAL EXIT SPECIFIED
752	(2F0)	ADDRESS	4	SRJPSNFS	SET BY IATSNLD SNARJP FAILDSP PROCESSOR
756	(2F4)	ADDRESS	4	SRJPSNST	SET BY IATSNLD SNARJP TERMINATION STATUS MANG
THESE EQUATED VALUES ARE USED BY THE MACRO IATXSNST					
		....		SNSTON	"X'00000000',4" SNARJP - TURN STATUS BIT ON
		.... .1..		SNSTOFF	"X'00000004',4" SNARJP - TURN STATUS BIT OFF
		.... 1...		SNSTTEST	"X'00000008',4" SNARJP - TEST STATUS BIT
		.... 11..		SNSTTNCH	"X'0000000C',4" SNARJP - TEST STATUS BIT NO CHK
		....		SNSTERR	"X'80000000',4" SNARJP - ERROR EXIT SPECIFIED
		....		SNSTNORM	"X'40000000',4" SNARJP - NORMAL EXIT SPECIFIED
		1...		SNSTQI	"X'80'" SNARJP - QUIESCE IMMEDIATE
		.1..		SNSTQ	"X'40'" SNARJP - QUIESCE
		..1.		SNSTRQ	"X'20'" SNARJP - CLSDST REQUESTED
		...1		SNSTCM	"X'10'" SNARJP - CLSDST COMPLETED
		.... 1...		SNSTFCB	"X'08'" SNARJP - CONTROL BLOCK TO BE FREED
		.... .1..		SNSTONTQ	"X'04'" SNARJP - LCB HAS BEEN ON TERMINATE QUEUE
760	(2F8)	ADDRESS	4	SRJPSNDN	SET BY IATSNLD DFC NEG RESPONSE ROUTINE
764	(2FC)	ADDRESS	4	SRJPSNDV	SET BY IATSNLD DFC RECEIVE ROUTINE
768	(300)	ADDRESS	4	SRJPNDRA	SET BY IATSNLD DFC RECEIVE ANY ROUTINE
772	(304)	ADDRESS	4	SRJPSNDT	SET BY IATSNLD DFC RESTART ROUTINE
776	(308)	ADDRESS	4	SRJPSNDG	SET BY IATSNLD DFC RUGET ROUTINE
780	(30C)	ADDRESS	4	SRJPSNDM	SET BY IATSNLD DFC STATE MANAGER ROUTINE
784	(310)	ADDRESS	4	SRJPSNDO	SET BY IATSNLD DFC WSOPEN ROUTINE
788	(314)	ADDRESS	4	SRJPSNDC	SET BY IATSNLD DFC WSCLOSE ROUTINE

Table 465. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
792	(318)	ADDRESS	4	SRJPSNDD	SET BY IATSNLD DFC DFASY ROUTINE
796	(31C)	ADDRESS	4	AIATINIT	"V(IATINIT)" IATINIT JES3 NUCLEUS ENTRY POINT
800	(320)	ADDRESS	4	IATXCNS	"V(XCNSTART)" IATCNRN XCNS SERVICE ROUTINE
804	(324)	ADDRESS	4	CONCNJS	"V(IATCNJS)" IATCNJS CONSOLE JESTAE ROUTINE
808	(328)	ADDRESS	4	TATUPDWR	"V(TATUPDWT)" IATDMTK TAT update write routine
812	(32C)	ADDRESS	4	TVTJMF	JMF CSECT ADDRESS 431
816	(330)	ADDRESS	4	OSGRJGET	"V(OSGRJMRG)" IATXJMR TYPE=GET SERV RTN
820	(334)	ADDRESS	4	OSGRJPUT	"V(OSGRJMRP)" IATXJMR TYPE=PUT SERV RTN
824	(338)	ADDRESS	4	OSGRJREL	"V(OSGRJMRR)" IATXJMR TYPE=REL SERV RTN
828	(33C)	ADDRESS	4	TVTRD080(2)	Reserved for Development
836	(344)	ADDRESS	4	TATUPDWX	"V(TATUPDW2)" IATDMTK TAT update write routine
840	(348)	ADDRESS	4	DMTKSTTR	"V(DMTKSTTP)" IATDMTK STT Purge routine 18540TBA
844	(34C)	ADDRESS	4	DJCFREE	"V(DJCFREEX)" IATDCNC DJC FREE STORAGE SERVICE
848	(350)	ADDRESS	4	TVTXTRCD	"V(IATXTRCD)" IATGRG1 Data space trace routine
852	(354)	ADDRESS	4	TVTCSBTU	"V(CSBTUPDT)" IATGRJA CSBT/JET update routine
856	(358)	ADDRESS	4	TVTCSBTR	"V(CSBTRCVY)" IATGRJA CSBT/JET recovery routine
860	(35C)	ADDRESS	4	TVTRU080(6)	RESERVED FOR USER
884	(374)	ADDRESS	4	TVTEPS(0)	END OF NON-COUNTABLE ENTRY POINTS

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NOTE: TVTEPS MARKS END OF SECTION 1 OF ROUTINE ENTRY POINTS
      ABACKR MARKS BEGINNING OF SECTION 2 OF ROUTINE ENTRY
      POINTS AND TVTEPE MARKS THE END OF THE WHOLE SECTION.
IATUTIC MUST BE UPDATED FOR ANY CHANGES TO THE TVT ENTRY
POINTS
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884	(374)	SIGNED	4	TVTEPCST(0)	START OF COUNTABLE ENTRY POINTS
884	(374)	ADDRESS	4	ABACKR	"V(BACKR0)" IATDMDT BACKSPACE RECORD
888	(378)	ADDRESS	4	ABENDAPG	SET BY IATGROP ABNORMAL END APPENDAGE
892	(37C)	ADDRESS	4	ABLOCK	"V(BLOCK)" IATDMDT I/O BLOCK
896	(380)	ADDRESS	4	ACLOSE	"V(CLOSE)" IATDMNC I/O CLOSE
900	(384)	ADDRESS	4	ACONSRMT	SET BY IATINPK REMOTE CONSOLE PROCESSING
		1...		TVTCONSR	"X'80'" HIGH ORDER BIT OF ACONSRMT 1 - RJP INDICATOR
904	(388)	ADDRESS	4	ACTLTRAP	"V(TMSTMREX)" IATGRTM ATIME STIMERM APPENDAGE
908	(38C)	ADDRESS	4	ADEBLOCK	"V(DEB)" IATDMDT I/O DEBLOCK
912	(390)	ADDRESS	4	ADELETE	"V(DELETEX)" IATGRLD MODULE DELETE
		1...		TVTDELET	"X'80'" HIGH ORDER BIT OF ADELETE 1- REFRESH REQUESTED FOR DELETE
916	(394)	ADDRESS	4	ADEQ	"V(RESMGMT)" IATGRRQ RESOURCE MANAGEMENT
916	(394)	X'394'	0	AENQ	"ADEQ" IATGRRQ RESOURCE MANAGEMENT

Table 465. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
916	(394)	X'394'	0	ATEST	"ADEQ" IATGRRQ RESOURCE MANAGEMENT
920	(398)	ADDRESS	4	AFDADD	"V(FDADD)" IATDMNC ADD ENTRY TO FILE DIRECTORY
924	(39C)	ADDRESS	4	AFDDELET	"V(FDDELET)" IATDMNC DELETE ENTRY FROM FILE DIR.
928	(3A0)	ADDRESS	4	AFDFIND	"V(FDFIND)" IATDMNC SCAN FILE DIRECTORY
932	(3A4)	ADDRESS	4	AGETBUF	"V(GETBUF)" IATDMNC GETBUF
936	(3A8)	ADDRESS	4	TVTRD082	RESERVED FOR DEVELOPMENT
940	(3AC)	ADDRESS	4	TVTRS090	RESERVED FOR SERVICE
944	(3B0)	ADDRESS	4	ALOAD	"V(LOADX)" IATGRLD MODULE LOAD
948	(3B4)	ADDRESS	4	ALOCATE	"V(LOCATE)" IATDMDT I/O LOCATE
952	(3B8)	ADDRESS	4	ANOTE	"V(NOTE)" I/O NOTE
956	(3BC)	ADDRESS	4	AOPEN	"V(OPEN)" IATDMNC I/O OPEN
960	(3C0)	ADDRESS	4	AOPEND	"V(OPEND)" I/O OPEN AT END
964	(3C4)	ADDRESS	4	APOINT	"V(POINT)" I/O POINT
968	(3C8)	ADDRESS	4	APURGE	"V(PURGEA)" IATDMTK SPOOL SPACE PURGE
972	(3CC)	ADDRESS	4	APUTBUF	"V(PUTBUF)" IATDMNC PUTBUF
976	(3D0)	ADDRESS	4	TVTRD084	RESERVED FOR DEVELOPMENT
980	(3D4)	ADDRESS	4	ARELEASE	"V(RELEASE)" IATDMNC I/O RELEASE
984	(3D8)	ADDRESS	4	ASPABND0	SET BY IATABN0 ABEND
		1...		TVTABNOF	"X'80'" HIGH ORDER BIT OF ASPABND0 1-ABN0 DOESN'T CALL ABNO
988	(3DC)	ADDRESS	4	TVTRD086	RESERVED FOR DEVELOPMENT
992	(3E0)	ADDRESS	4	ATRACK	"V(TRACK)" IATDMTK SPOOL SPACE ALLOCATION
ATRACK IATDMTA FOR CI FSS					
996	(3E4)	ADDRESS	4	TVTJBTXP	"V(TRKXPND2)" IATDMTK JOB TAT EXPANSION ROUTINE
1000	(3E8)	ADDRESS	4	TVTSPCK	"V(SPOOLCK)" IATGRCP CHECKPOINT SPOOL STATUS ROUTINE
1004	(3EC)	ADDRESS	4	TVTPTCKP	"V(PTATCKP)" IATGRCP PTAT CKPT ENTRY POINT
1008	(3F0)	ADDRESS	4	TVTRD090(4)	RESERVED FOR DEVELOPMENT
1024	(400)	ADDRESS	4	AWRITE	"V(WRITE)" IATDMNC SINGLE-BUFFER WRITE
1028	(404)	ADDRESS	4	CONCNVRT	"V(CONCLASS)" IATCNRN CONVERT CONS CLASS TO DISP-MASK
1032	(408)	ADDRESS	4	CHENDAPG	SET BY IATGROP CHANNEL END APPENDAGE
1036	(40C)	ADDRESS	4	TVTRD095	RESERVED FOR DEVELOPMENT
1040	(410)	ADDRESS	4	TESTSRS	"V(SRSTEST)" IATGRGU TEST DSP DEVICE REQUIREMENT
1044	(414)	ADDRESS	4	TVTRD100	RESERVED FOR DEVELOPMENT
1048	(418)	ADDRESS	4	CONREVRT	"V(DESTNAME)" IATCNRN DISP-MASK TO DEST CLASS NAME
1052	(41C)	ADDRESS	4	CONSAUTH	"V(IATCNIA)" IATCNIA CONSOLE AUTHORITY VALIDATION
1056	(420)	ADDRESS	4	DEQMSG	"V(DEQMSGX)" IATCNDQ CONSOLE BUFFER DEQUEUE

Table 465. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1060	(424)	ADDRESS	4	DEVSCAN	"V(DSPSCN)" IATGRG1 IN/OUT PARAMETER SCAN
1064	(428)	ADDRESS	4	DYNALRTY	SET BY IATINDY DYNAL ERROR RECOVERY
1068	(42C)	ADDRESS	4	IATXCPYF	"V(COPYFILE)" IATDMDT Copy File Service
1072	(430)	ADDRESS	4	FINDJNUM	"V(JOBNTEST)" IATGRJN FIND JOB NUMBER
1076	(434)	ADDRESS	4	GETUNIT	"V(GETUNI)" IATGRGU GETUNIT
1080	(438)	ADDRESS	4	IATXAMDV	"V(IATAMDV)" IATGRGU AMBIGUOUS DEVICE MSG RTN
1084	(43C)	ADDRESS	4	IATXELA	"V(ECFADD)" IATGRCT ECF LIST ADD
1088	(440)	ADDRESS	4	IATXELD	"V(ECFDEL)" IATGRCT ECF LIST DELETE
1092	(444)	ADDRESS	4	IATXELS	"V(ECFSCAN)" IATGRCT ECF LIST SCAN
1096	(448)	ADDRESS	4	IATXERCV	"V(IATERCV)" IATDMNC CHAINED SRF ERROR RECOVERY
1100	(44C)	ADDRESS	4	IATXGOSE	"V(IATGOSE)" IATOSGP GET MASTER OSE ROUTINE
1104	(450)	ADDRESS	4	IATXIOX	"V(IOCHECK)" IATDMNC CHECK SRF IO COMPLETION
1108	(454)	ADDRESS	4	IATXIWT	IATIIMS INTERPRETER MESSAGE ROUTINE
1112	(458)	ADDRESS	4	IATXPRMD	"V(PRMDTBEX)" IATOSGR PROCESS MODE TABLE EXECUTOR
1116	(45C)	ADDRESS	4	TVTRD110	RESERVED FOR DEVELOPMENT
1120	(460)	ADDRESS	4	IATXPOSE	"V(IATPOSE)" IATOSGP PUT MASTER OSE ROUTINE
1124	(464)	ADDRESS	4	IATXPRT	"V(XPRT)" IATGRG1 GNRALZED CORE DUMP
1128	(468)	ADDRESS	4	IATXRABC	"V(DMTKRABC)" IATDMTK I/O RAB CREATE ROUTINE
1132	(46C)	ADDRESS	4	IATXRABD	"V(DMTKRABD)" IATDMTK I/O RAB DESTROY ROUTINE
1136	(470)	ADDRESS	4	IATXRABP	"V(DMTKRABP)" IATDMTK I/O RAB PROCESS ROUTINE
1140	(474)	ADDRESS	4	IATXRELC	"V(DTRELCHN)" IATDMDT I/O RELEASE CHAIN
1144	(478)	ADDRESS	4	IATXSCN1	"V(CONSCAN1)" IATCNRN MESSAGE SCAN ROUTINE ENTRY
1148	(47C)	ADDRESS	4	IATXSCN2	"V(CONSCAN2)" IATCNRN MESSAGE SCAN ROUTINE ENTRY
1152	(480)	ADDRESS	4	IATXSMF	"V(IATSMFW)" IATOSGR QUEUE SMF WRITE REQUEST
1156	(484)	ADDRESS	4	IATXSPR	"V(IATXSPRE)" IATOSGR QUEUE SETPRT REQUEST
1160	(488)	ADDRESS	4	TVTRD112	RESERVED FOR DEVELOPMENT
1164	(48C)	ADDRESS	4	INTERCOM	"V(IATCNICX)" IATCNIC INTERCOM
1168	(490)	ADDRESS	4	JDSADD	"V(JDSADDX)" IATGRJA JDS ADD
1172	(494)	ADDRESS	4	IATXFRQ	"V(FREERSQ)" IATGRRQ FREE RESQUEUE
1176	(498)	ADDRESS	4	JDSGET	"V(JDSGETX)" IATGRJA JDS GET
1180	(49C)	ADDRESS	4	JDSHOLD	"V(JDSHOLDX)" IATGRJA JDS HOLD
1184	(4A0)	ADDRESS	4	JDSPOINT	"V(JDSPNTX)" IATGRJA JDS POINT
1188	(4A4)	ADDRESS	4	JDSPUT	"V(JDSPUTX)" IATGRJA JDS PUT
1192	(4A8)	ADDRESS	4	JDSREL	"V(JDSRELX)" IATGRJA JDS RELEASE
1196	(4AC)	ADDRESS	4	JESCLOSE	SET BY IATGROP DEVICE CLOSE
1200	(4B0)	ADDRESS	4	TVTCL012	SET BY IATGROP JESCLOSE BRANCH ENTRY

Table 465. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1204	(4B4)	ADDRESS	4	JESEXCP	SET BY IATGROP DEVICE EXCP
1208	(4B8)	ADDRESS	4	JESCKPNT	"V(JESCHECK)" IATGRCP CHECKPOINT
1212	(4BC)	ADDRESS	4	TVTRD118	Reserved for development
1216	(4C0)	ADDRESS	4	JESMODLK	SET BY IATABMN MODULE NAME LOOK-UP ROUTINE
1220	(4C4)	ADDRESS	4	JESMSG	"V(JESMSGX)" IATGRJM Write msg in job's JESMSGLG
1224	(4C8)	ADDRESS	4	JESOPEN	SET BY IATGROP DEVICE OPEN
1228	(4CC)	ADDRESS	4	JESREAD	"V(READ)" IATDMNC SINGLE-BUFFER READ
1232	(4D0)	ADDRESS	4	JESSNAP	IATGRVT(F) CHNGD BY JESSNAP WHEN CALLED
1236	(4D4)	ADDRESS	4	TODMSG	"V(TODMSGX)" IATGRJM Create TOD message for job's JESMSGLG dataset
1240	(4D8)	ADDRESS	4	TVTSNPNA	SET BY IATABMN SNAP NUCTASK
1244	(4DC)	ADDRESS	4	JNADD	"V(JNADDX)" IATDCNC JNCB ADD
1248	(4E0)	ADDRESS	4	JNCBHLD	"V(JNCBHLDX)" IATDCNC JNCB SPECIFIC HOLD
1252	(4E4)	ADDRESS	4	JNCBREL	"V(JNCBRELX)" IATDCNC JNCB SPECIFIC RELEASE
1256	(4E8)	ADDRESS	4	JNDEL	"V(JNDELX)" IATDCNC JNCB DELETE
1260	(4EC)	ADDRESS	4	JNGET	"V(JNGETX)" IATDCNC JNCB GET
1264	(4F0)	ADDRESS	4	JNUMR	"V(RETURNJN)" IATGRJN RETURN A JOB NUMBER
1268	(4F4)	ADDRESS	4	JSERV	"V(JSERVX)" IATSSJS SUBSYSTEM COMMUNICATION
1272	(4F8)	ADDRESS	4	JSSDADR	"V(IATGRJS)" IATGRJS EP FOR IATGRJS
1276	(4FC)	ADDRESS	4	LOGIN	"V(LOGINX)" IATGRLG CONSOLE LOGIN
1280	(500)	ADDRESS	4	LOGOUT	"V(LOGOUTX)" IATGRLG CONSOLE LOGOUT
1284	(504)	ADDRESS	4	IATXRCVL	"V(RCVALID)" IATCNRN ROUTE CODE/DEST CLASS VALIDATION ROUTINE
1288	(508)	ADDRESS	4	TVTRD117	RESERVED FOR DEVELOPMENT
1292	(50C)	ADDRESS	4	MOVEDATA	"V(MOVE)" IATDMDT MOVE DATA
		1...		NCKLOCKD	"X'80'" NCK ROUTINES IN USE
1296	(510)	ADDRESS	4	NCBTAADD	"V(NCBTAADX)" IATDCNC NCB ADD
1300	(514)	ADDRESS	4	NCBTAFND	"V(NCBTAFDX)" IATDCNC NCB FIND
1304	(518)	ADDRESS	4	NCBTAGET	"V(NCBTAGTX)" IATDCNC NCB GET
1308	(51C)	ADDRESS	4	NCBTAPUT	"V(NCBTAPTX)" IATDCNC NCB WRITE
1312	(520)	ADDRESS	4	NCBTAREL	"V(NCBTARLX)" IATDCNC NCB RELEASE
1316	(524)	ADDRESS	4	NCKADD	"V(NCKTADDX)" IATDCNC NCB CKPT ADD
1320	(528)	ADDRESS	4	NCKDEL	"V(NCKTADLX)" IATDCNC NCB CKPT DEL
1324	(52C)	ADDRESS	4	POSTSRS	"V(SRSPOST)" IATGRGU POST SPEC RESHD DSPS UAVL
1328	(530)	ADDRESS	4	PURCHAIN	"V(PURGCHN)" IATDMNC PURGE SINGLE-RECORD FILE CHAIN
1332	(534)	ADDRESS	4	PUTUNIT	"V(PUTUNI)" IATGRGU PUTUNIT
1336	(538)	ADDRESS	4	RCLOSE	IATRJM2 CLOSE TERMINAL DEVICE
1340	(53C)	ADDRESS	4	TVTRD120(2)	RESERVED FOR DEVELOPMENT
1348	(544)	ADDRESS	4	TVTRS120(2)	RESERVED FOR SERVICE
1356	(54C)	ADDRESS	4	TVTRU120(2)	RESERVED FOR USER
1364	(554)	ADDRESS	4	RJPIO	IATRJM2 I/O TO TERMINAL DEVICE

Table 465. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1368	(558)	ADDRESS	4	RJPSNAP	IATGRVT CHANGED BY RJPSNPS DSP
1372	(55C)	ADDRESS	4	ROPEN	IATRJM2 OPEN TERMINAL DEVICE
		1...		TVTRJPAC	"X'80'" HI-ORDER BIT OF ROPEN 1 - RJP IS ACTIVE
1376	(560)	ADDRESS	4	TVTRU130	RESERVED FOR USER
1380	(564)	ADDRESS	4	RQTAADD	"V(RQTAADDX)" IATGRRQ RESQUEUE TABLE ADD
1384	(568)	ADDRESS	4	RQTADEL	"V(RQTADELX)" IATGRRQ RESQUEUE TABLE DELETE
1388	(56C)	ADDRESS	4	RQTAPUT	"V(RQTAPUTX)" IATGRRQ RESQUEUE TABLE PUT
1392	(570)	ADDRESS	4	TVTRD130	RESERVED FOR DEVELOPMENT
1396	(574)	ADDRESS	4	TVTRS130	RESERVED FOR SERVICE
1400	(578)	ADDRESS	4	SPINOFF	"V(SPINOFFX)" IATOSGR SPINOFF SCHEDULING
1404	(57C)	ADDRESS	4	TVTRS140(24)	RESERVED FOR SERVICE
1500	(5DC)	ADDRESS	4	TVTCISCH	IATIICS C/I SCHEDULER ENTRY POINT
1504	(5E0)	ADDRESS	4	TVTDSSCH	IATIIPC DISABLE PROCESSING AND SCHEDULING ENTRY POINT
1508	(5E4)	ADDRESS	4	TVTPSSCH	IATIIPS POSTSCAN SCHEDULER ENTRY PT
1512	(5E8)	ADDRESS	4	TVJCTREL	"V(XJCT2000)" IATGRJX DEQ FCT FROM ALL JCT'S
1516	(5EC)	SIGNED	4	TVTRD00H	RESERVED FOR DEVELOPMENT
1520	(5F0)	ADDRESS	4	TVTDISK	"V(DISK)" IATDMNC ENTRY PT FROM JSAM FCT
1524	(5F4)	ADDRESS	4	TVTFSEPS(0)	Start IATGRFS entry pt list
1524	(5F4)	ADDRESS	4	TVTFSSST	IATGRFS IATXFSS TYPE=START ENTRY
1528	(5F8)	ADDRESS	4	TVTFSSFS	IATGRFS IATXFSS TYPE=FSSSTART ENTRY
1532	(5FC)	ADDRESS	4	TVTFSSCK	IATGRFS IATXFSS TYPE=CHKPT ENTRY
1536	(600)	ADDRESS	4	TVTFSSAB	IATGRFS IATXFSS TYPE=ABEND ENTRY
1540	(604)	ADDRESS	4	TVTFSSCL	IATGRFS IATXFSS TYPE=CLEANUP ENTRY
1544	(608)	ADDRESS	4	TVTFSSAM	IATGRFS IATXFSS TYPE=AMBCHK ENTRY
1548	(60C)	ADDRESS	4	TVTFSSFP	IATGRFS IATXFSS TYPE=FSAPOST ENTRY
1552	(610)	ADDRESS	4	TVTFSSRS	IATGRFS FSS Resource Termination Routine
1556	(614)	ADDRESS	4	TVTFSSAR	IATGRFS IATXFSS TYPE=AUTOREST E.P.
1560	(618)	ADDRESS	4	TVTFSEPN(0)	End IATGRFS entry pt. list
1560	(618)	X'24'	0	TVTFSEPL	"TVTFSEPN-TVTFSEPS" Len IATGRFS entry pt. list
1560	(618)	ADDRESS	4	TVTGMS1	"V(UPDTCLCN)" IATMSCC Update GMS constraints
1564	(61C)	ADDRESS	4	TVTINPUT	"V(INPUT)" IATDMNC I/O INPUT ROUTINE
1568	(620)	ADDRESS	4	TVTOUTPT	"V(OUTPUT)" IATDMNC I/O OUTPUT ROUTINE
1572	(624)	ADDRESS	4	TVTXJCT	"V(IATXJCT)" IATGRJX JCT ACCESS ROUTINE
1576	(628)	ADDRESS	4	TVTXJQE	"V(IATXJQE)" IATGRJX JQE ACCESS ROUTINE
1580	(62C)	ADDRESS	4	TVTXSQE	IATGRSQ ADDR OF STORAGE Q MNGR
1584	(630)	ADDRESS	4	TVTXTOD	"V(TODX)" IATGRCT TOD SERVICE ROUTINE

Table 465. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		TVTXTODF	"X'80'" HIGH ORDER BIT OF TVTXTODF 1-BINARY REQUEST
1588	(634)	ADDRESS	4	TVTCNTOR	"V(CNTORG)" IATGRCT RTN TO CYCLE FCTS W/O AWAIT
1592	(638)	ADDRESS	4	TVTDSP00	"V(ATMDSP00)" IATGRCT AUX TASK DISPATCHER
1596	(63C)	ADDRESS	4	VATAFCT	"V(ATAFCT)" IATGRG1 ATTACH FCT ROUTINE
1600	(640)	ADDRESS	4	VGETFCT	"V(GETFCT)" IATGRG1 GET FCT ROUTINE
1604	(644)	ADDRESS	4	VGETRSQ	"V(GETRSQ)" IATGRRQ GET RESQUEUE ROUTINE
1608	(648)	ADDRESS	4	WRTCHAIN	"V(WRTCHN)" IATDMNC WRITE CHAIN OF SRF-S
1612	(64C)	ADDRESS	4	ZEROCORE	"V(ZEROCRE)" IATDMNC CLEAR CORE TO ZEROS
1616	(650)	ADDRESS	4	IATXOSWS	"V(IATOSWS)" IATOSWS OUTPUT SERVICE SCHEDULER
1620	(654)	ADDRESS	4	IATXOSSC	"V(IATOSSC)" IATOSSC OUTPUT SERVICE SUBSYSTEM SYSOUT REQUEST SCHEDULER
1624	(658)	ADDRESS	4	IATXOSBM	"V(IATOSBM)" IATOSBM OUTPUT SERVICE BDT MANAGER
1628	(65C)	ADDRESS	4	IATXOSPC	"V(IATOSPC)" IATOSPC OUTPUT SERVICE PSO REQUEST SCHEDULER
1632	(660)	ADDRESS	4	IATXOSSO	"V(IATOSSO)" IATOSSO Output Service SYSOUT Appl Programming Interface (SAPI)
1636	(664)	ADDRESS	4	TVTJQENQ	"V(JSSJQENQ)" IATGRJS ADD A JQE TO A READY OR WAIT QUEUE
1640	(668)	ADDRESS	4	TVTJQEDQ	"V(JSSJQEDQ)" IATGRJS DELETE A JQE FROM A READY OR WAIT QUEUE
1644	(66C)	ADDRESS	4	TVTNOTFY	"V(JSSNOTFY)" IATGRJS NOTIFY ROUTINE
1648	(670)	ADDRESS	4	DLOCON	"V(SSDSDLON)" IATSSDS Activate a dest queue entry
1652	(674)	ADDRESS	4	DSQLOCEP	"V(SSDSDLOC)" IATSSDS Locate a dest queue entry
1656	(678)	ADDRESS	4	DLOCOFF	"V(SSDSDLOF)" IATSSDS Deactivate a dest queue entry
1660	(67C)	ADDRESS	4	TVTRD150(3)	RESERVED FOR DEVELOPMENT
1672	(688)	ADDRESS	4	TVTRS150(9)	RESERVED FOR SERVICE
1708	(6AC)	ADDRESS	4	TVTRU150(10)	RESERVED FOR USER
1748	(6D4)	ADDRESS	4	TVTEPE(0)	END OF ENTRY POINTS
TVTEPE MARKS THE END OF THE TVT ENTRIES IMPACTING IATUTIC MISCELLANEOUS TABLES AND DATA POINTERS - FULLWORD					
1748	(6D4)	ADDRESS	4	AASPMAP	"V(NUCMAP)" IATGRVT(F) MAP OF IATNUC CSECTS
1752	(6D8)	ADDRESS	4	ABENDDCB	SET BY IATABN0 ABEND DCB
1756	(6DC)	ADDRESS	4	TVTRD151	RESERVED FOR DEVELOPMENT 0216
1760	(6E0)	ADDRESS	4	ACONCONS	"V(IATCNCN)" DATA CSECT FOR CONSOLE SERVICE
1764	(6E4)	ADDRESS	4	TVTRD152	RESERVED FOR DEVELOPMENT
1768	(6E8)	ADDRESS	4	ASYSIOSP	SET BY IATINC2 CONSOLE ATTENTION SAVE
1772	(6EC)	ADDRESS	4	TVTRD155	Reserved for development

Table 465. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1776	(6F0)	ADDRESS	4	JESMSGRT	SET BY IATINC2 ROUTE CODE MAPPING TABLE
1780	(6F4)	SIGNED	4	TVT8500D	MSG ADDR FOR IAT8500 MESSAGE
1784	(6F8)	ADDRESS	4	TVTFDCTA	IATINIO Address of File Directory 0008 (FD) Control area 0008
1788	(6FC)	ADDRESS	4	TVTRSV01	Reserved 0008
1792	(700)	ADDRESS	4	AIOFDLST	IATINIO ADDRESS OF LAST FD ENTRY
1796	(704)	ADDRESS	4	AIOFDTOP	IATINIO ADDRESS OF FIRST FD ENTRY
1800	(708)	SIGNED	2	TVTMXINT	JES3 INITIATOR LIMIT
1802	(70A)	SIGNED	2	TVTSUPNO	SET BY IATINDEV NUMBER OF SUPUNITS
1804	(70C)	ADDRESS	4	TVTEUDTA	"V(EUDATA)" IATDMTK Extent Utilization Data 16763TDA
1808	(710)	BITSTRING	12	TVTDSFDB	DUMP SUPPRESSION CKPT
1820	(71C)	ADDRESS	4	TVTDMCDE	DUMP SUPPRESSION TABLE
	GMS LOCK FLAG AND HOLDING FCT ADDRESS				
1824	(720)	SIGNED	4	TVTGMSUP	GMS FCT
1828	(724)	BITSTRING	1	TVTGMSFL	GMS FLAG
		1...		TVTGMSP	"X'80'" GMS UPDATE PENDING
1829	(725)	BITSTRING	3	TVTRU160	RESERVED FOR USER
1832	(728)	ADDRESS	4	ASPTCB	"V(ASPTCBX)" IATGRCT TCB ADCON
1836	(72C)	ADDRESS	4	TVTRDYFC	"V(RDYQFCT)" READY QUEUE FCT ADDRESS
1840	(730)	ADDRESS	4	CKPTAREA	IATINGL CHECKPOINT AREA
1844	(734)	ADDRESS	4	TVTIRA	INTRDR ANCHOR BLOCK ADDRESS
1848	(738)	ADDRESS	4	TVTHWQE	END OF HOT WRITER WAIT QUEUE0370
1852	(73C)	ADDRESS	4	DRDCB	IATISCB DCB FOR IATISDR
1856	(740)	ADDRESS	4	DSIFCT	"V(DSIFCT)" IATGRPT DYNAMIC SYSTEM INTERCHANGE FCT
1860	(744)	ADDRESS	4	DSPCONVI	"V(CI)" IATGRPT(F) DSP DICT ENTRY FOR CI
1864	(748)	ADDRESS	4	DSPDISBL	"V(DISABLE)" IATGRPT DSP DICT ENTRY FOR DISABLE
1868	(74C)	ADDRESS	4	DSPENABL	"V(ENABLE)" IATGRPT DSP DICT ENTRY FOR ENABLE
1872	(750)	ADDRESS	4	DSPISDRV	"V(ISDRVR)" IATGRPT DSP DICT ENTRY FOR INPUT SERV.
1876	(754)	ADDRESS	4	DSPMAIN	"V(MAIN)" IATGRPT DSP DICT ENTRY FOR MAIN
1880	(758)	ADDRESS	4	DSPPSTSC	"V(POSTSCAN)" IATGRPT DSP DICT ENTRY FOR POSTSCAN
1884	(75C)	ADDRESS	4	DSPDMJA	"V(DMJA)" IATGRPT DSP DICT ENTRY FOR DMJA
1888	(760)	ADDRESS	4	DSPOUTPT	"V(OUTSERV)" IATGRPT DSP DICT ENTRY FOR OUTSERV
1892	(764)	ADDRESS	4	DSPFSSCT	"V(FSSCONT)" IATGRPT DSP DICT ENTRY FOR FSS CONTROLLER
1896	(768)	ADDRESS	4	DSPURGE	"V(PURGE)" IATGRPT DSP DICT ENTRY FOR PURGE
		1...		TVTDRFLG	"X'80'" HIGH ORDER BIT OF DRDCB 1 = DRDCB IN USE
1900	(76C)	BITSTRING	1	DNMCONVI	IATGRPT(F) DSP NUMBER FOR CI

Table 465. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1901	(76D)	BITSTRING	1	DNMDISBL	IATGRPT DSP NUMBER FOR DISABLE
1902	(76E)	BITSTRING	1	DNMENABL	IATGRPT DSP NUMBER FOR ENABLE
1903	(76F)	BITSTRING	1	DNMISDRV	IATGRPT DSP NUMBER FOR INPUT SERV.
1904	(770)	BITSTRING	1	DNMMAIN	IATGRPT DSP NUMBER FOR MAIN
1905	(771)	BITSTRING	1	DNMPSTSC	IATGRPT DSP NUMBER FOR POSTSCAN
1906	(772)	BITSTRING	1	TVTRD190	RESERVED FOR DEVELOPMENT
1907	(773)	BITSTRING	1	DNMOUTPT	IATGRPT DSP NUMBER FOR OUTSERV
1908	(774)	BITSTRING	1	DNMPURGE	IATGRPT DSP NUMBER FOR PURGE
1909	(775)	BITSTRING	1	TVTRD200	RESERVED FOR DEVELOPMENT
1910	(776)	SIGNED	2	TVTSJFWK	IATUX20 SWBTUREQ WORKING STG SIZE
1912	(778)	ADDRESS	4	FIRSTDEB	SET BY IATGROP ADDR OF JES3 EXCP DEB AVT
1916	(77C)	ADDRESS	4	TVTFSFCT	"V(FSFCT)" IATGRPT FCT FOR FAILSOFT
1920	(780)	ADDRESS	4	TVTWTFCT	"V(WAITFCT)" IATGRPT WAIT FCT
1924	(784)	ADDRESS	4	IOERRFCT	SET BY IATDMGB DISK I/O ERROR RECOVERY FCT
1928	(788)	ADDRESS	4	TVTSPLST	IATINSP SPOOL PARTITION QUEUE
1932	(78C)	ADDRESS	4	TVTTGBAD	IATDMTK ADDR OF TRACK BYPASS TABLE
1936	(790)	ADDRESS	4	TVTBTR	IATDMTK BTR CKPT RCD (CKPT DS BACKUP)
1940	(794)	ADDRESS	4	TVTPTCAD	IATINSP ADDR OF PTAT CKPT RECORD
1944	(798)	ADDRESS	4	TVTSPREL	IATINSP SPART RELATIVE VECTOR
1948	(79C)	ADDRESS	4	TVTEXREL	IATINSP EXTENT RELATIVE VECTOR
1952	(7A0)	ADDRESS	4	TVTSPINT	IATINSP INITIALIZATION SPOOL PARTITION
1956	(7A4)	ADDRESS	4	TVTSPDEF	IATINSP DEFAULT SPOOL PARTITION
1960	(7A8)	BITSTRING	8	TVTSPID	IATINSD SPOOL CHECKPNT ID (DATE/TIME)
1968	(7B0)	BITSTRING	1	TVTSPFLG	SPOOL STATUS FLAGS
	DEFINITION OF TVTSPFLG				
	1...			TVTSPPCK	"X'80'" IATGRCP PTATS CHECKPOINTED
	.1..			TVTSPDEL	"X'40'" IATINSD A SPOOL DS WAS DELETED
	..1.			TVTSPUNV	"X'20'" IATINSD A SPOOL DS IS UNAVAILABLE
	...1			TVTSPRPL	"X'10'" IATINSD A SPOOL DS WAS REPLACED
	.... 1...			TVTSPADD	"X'08'" IATINSD A SPOOL DS ADDED ON RESTART
	.... .1..			TVTSPSTT	"X'04'" IATINST STT EXTENTS ALLOCATED DYNAM.
	.... ..1.			TVTSPCHG	"X'02'" IATMOSP TAT MANIPULATION IN PROGRESS
	1			TVTSPTAP	"X'01'" IATINSP TRACK ALLOCATION PERMITTED
1969	(7B1)	BITSTRING	1	TVTSPFL2	Spool status flag 2 16893TBC
	DEFINITION OF TVTSPFL2				
	1...			TVTSTTRP	"X'80'" IATDMTK STT reconfiguration in 16893TBA progress 16893TBA

Table 465. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.1..		TVTSTTRC	"X'40'" IATDMTK STT reconfig. is complete 16893TBA
1970	(7B2)	SIGNED	2	TVTSP	IATINIO NUMBER OF SPOOL PARTITIONS
1972	(7B4)	BITSTRING	28	TVTRTAT	IATINSNA - RJPTAT FDB
2000	(7D0)	BITSTRING	2	TVTRS210	RESERVED FOR SERVICE
2002	(7D2)	BITSTRING	6	TVTINSPA	SAVED JOB TAT SPOOL ADDRESS USED FOR INITIALIZATION
2008	(7D8)	BITSTRING	12	TVTRU210	RESERVED FOR USER
2020	(7E4)	ADDRESS	4	TVTNTRCA	IATINIT NUC TASK PATH TRACE TABLE
2024	(7E8)	ADDRESS	4	TVTATRCA	IATINAX AUX TASK PATH TRACE TABLE
2028	(7EC)	ADDRESS	4	TVTJNCHN	IATGRAN PTR TO IATYJNRM C/BLOCK
2032	(7F0)	ADDRESS	4	TVTRD210	Reserved for development
2036	(7F4)	ADDRESS	4	OSSRQTOP	IATOSDR START OF RQ OUTPUT CHAIN
2040	(7F8)	ADDRESS	4	OSSWAIT	SET BY IATGRRQ OUTPUT SERVICE WAIT Q
2044	(7FC)	ADDRESS	4	TVTRS219	Reserved for development
2048	(800)	DBL WORD	8	(0)	ALIGN TO DOUBLEWORD
2048	(800)	ADDRESS	4	RJPASYNQ	RJP ASYNCHRONOUS BUFFER QUEUE
2052	(804)	ADDRESS	4	RJPECB(0)	RJP POST ECB
2052	(804)	BITSTRING	1	RJPECF	RJP POST FLAG BYTE
2053	(805)	BITSTRING	3		USED BY MVS POST
		1...		RJPECFCE	"X'80'" CHANNEL END OCCURRED
		.1..		RJPECFTM	"X'40'" TIME LIMIT EXPIRED
		..1.		RJPECFAB	"X'20'" RJP LINE TO BE CANCELLED
		...1		RJPECFOP	"X'10'" OPERATOR COMMAND RECEIVED
		.... 1...		RJPECFST	"X'08'" RJP LINE TO BE STARTED
		.... .1..		RJPECFCN	"X'04'" REMOTE CONS Q-ED TO DEPTH
		.... ..1.		RJPECFLL	"X'02'" LOCAL LOCK FREED POST
2056	(808)	ADDRESS	4	RJPLDCTQ	ACTIVE LINE QUEUE
2060	(80C)	ADDRESS	4	RQWTRTOP	SET BY IATGRRQ OUTPUT SERVICE WTR Q
2064	(810)	ADDRESS	4	SNAPDCBA	SET BY IATABMN JES3SNAP DCB
2068	(814)	ADDRESS	4	SPORQTOP	IATOSDR START OF SPINOFF RQ CHAIN
2072	(818)	ADDRESS	4	TVTCITCB	IATINAT C/I SUBTASK TCB
2076	(81C)	ADDRESS	4	TVTICTCH	IATINAT INTERP. CONTROL TABLE CHAIN
2080	(820)	ADDRESS	4	TIDSNT	IATINIF RESDSN TABLE ADDRESS
2084	(824)	ADDRESS	4	TIHWST	IATINIF HIGHWATER SETUP NAME TABLE
2088	(828)	ADDRESS	4	TIPARMS	IATINIF CIPARM TABLE ADDRESS
2092	(82C)	ADDRESS	4	TPROCCHN	IATINIP CI PROCLIB TABLE ADDRESS
2096	(830)	ADDRESS	4	TVTCKFCT	ADDR OF FCT ISSUING ERRXXX
2100	(834)	ADDRESS	4	TVTCKMSG	ADDR OF MSG BUFFER ERRXXX
2104	(838)	BITSTRING	4	TVTFSLGA	IATABMN FAILSOFT LOGOUT AREA (AVAIL)
		1...		TVTFSLOG	"X'80'" HIGH ORDER BIT OF TVTFSLGA 1-LOGOUT AREA AVAILABLE
2108	(83C)	BITSTRING	4	TVTFSWA	IATINIT FAILSOFT WK AREA-SP5 (AVAIL)
		1...		TVTFSWRK	"X'80'" HIGH ORDER BIT OF TVTFSWA 1-WORK AREA AVAILABLE
2112	(840)	ADDRESS	4	TVTIOPRM	IATINSD ADDR I/O PARAMETER BLOCK
2116	(844)	ADDRESS	4	TVTIQECA	"V(INQECF)" INQUIRY ECF ADDRESS

Table 465. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2120	(848)	ADDRESS	3		MUST BE ZERO
2123	(84B)	ADDRESS	1	TVTIQECM	INQUIRY LOCAL PROC ECF MASK
2124	(84C)	ADDRESS	4	TVTITKPM	SET BY IATINIT IATINTK PARMS LIST ADDR
2128	(850)	ADDRESS	4	TVTJDEQ	"V(ALDJDEQ)" IATGRLD JES3 ALOAD Q
2132	(854)	ADDRESS	4	TVTRD215	RESERVED FOR DEVELOPMENT
2136	(858)	ADDRESS	4	TVTLTRC	IATINSV ADDR OF LAST TRACE POINTER
2140	(85C)	ADDRESS	4	TVTMAPRJ	SET BY IATRJDV MAP FOR CSECTS IN IATRJMN
2144	(860)	ADDRESS	4	TVTMOECA	"V(MODECF)" MODIFY ECF ADDRESS
2148	(864)	ADDRESS	3		MUST BE ZERO
2151	(867)	ADDRESS	1	TVTMOECM	MODIFY LOCAL PROC ECF MASK
2152	(868)	ADDRESS	4	TVTMSPAT	SET BY IATINMD ADDRESS OF FIRST IATYPAT
2156	(86C)	ADDRESS	4	TVTMSU	SET BY IATINMD ADDRESS OF FIRST IATYMSU
2160	(870)	ADDRESS	4	TVTNTTCK	IATNTTCK entry point
2164	(874)	ADDRESS	4	TVTFSL	SET BY IATFSLG IATYFSL ADDR IF EXISTS
2168	(878)	ADDRESS	4	TVTABMNE	IATABMN Outer ESTAE entry point
2172	(87C)	ADDRESS	4	OSWSQUE	Writer Wait Queue
2176	(880)	ADDRESS	4	TVTSAPWQ	SAPI Thread Wait for Work Queue
2180	(884)	ADDRESS	4	TVTRS220(3)	RESERVED FOR SERVICE
2192	(890)	BITSTRING	8	TVTLSTST	IATINIT Last start time and date 11565S5A in STCK format.
2200	(898)	ADDRESS	4	TVTRS221	Reserved for service 18684TAC
2204	(89C)	ADDRESS	4	TVTDCNDB	"V(DUMYCNDB)" Address of dummy CNDB in TVT extension
2208	(8A0)	ADDRESS	4	TVTJMQA	JESMSG Q CONTROL ADDRESS
2212	(8A4)	ADDRESS	4	TVTJSSDA	"V(JSSDATA)" JSS WAIT & READY QUEUES
2216	(8A8)	SIGNED	4	TVTMSDM	MSG ID FOR IAT1101/IAT1103
TVTPJCL is the ARM FCT ECF. It must be on a fullword boundary for compare and swap.					
2220	(8AC)	SIGNED	4	(0)	
2220	(8AC)	BITSTRING	1	TVTPJCL	ARM FCT ECF
		1...		TVTPJCLP	"X'80'" XPJCL POST
2221	(8AD)	BITSTRING	1	TVTRD220(3)	RESERVED FOR DEVELOPMENT
2224	(8B0)	ADDRESS	4	TVTNUCT	IATINIT NUC TASK TCB ADDRESS
2228	(8B4)	ADDRESS	4	TVTAUXT	IATINAX AUX TASK TCB ADDRESS
2232	(8B8)	SIGNED	4	TVTSTECB	TASK SERIALIZATION WAIT ECB
2236	(8BC)	ADDRESS	4	TVTSTTCB	ADDRESS OF STATUS STOPPED TCB
2240	(8C0)	ADDRESS	4	TVTATCB	"V(ATCB)" ADDRESS OF ATCB IN IATATCB
2244	(8C4)	ADDRESS	4	SRJPSNDU	SET BY IATSNLD DFC OUTPUT ROUTINE
2248	(8C8)	ADDRESS	4	SRJPSNDR	SET BY IATSNLD DFC RESPONSE IRB ROUTINE
2252	(8CC)	ADDRESS	4	SRJPRSRB	SET BY IATSNLD DFC RESPONSE SRB ROUTINE
2256	(8D0)	ADDRESS	4	SRJPSNDP	SET BY IATSNLD DFC RUPUT ROUTINE
2260	(8D4)	ADDRESS	4	SRJPSNDS	SET BY IATSNLD DFC SEND ROUTINE

Table 465. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2264	(8D8)	ADDRESS	4	SRJPSNDE	SET BY IATSNLD DFC TERMINATE ROUTINE
2268	(8DC)	ADDRESS	4	SRJPRSET	SET BY IATSNLD DFC RESET ENTRY TO SNDE
2272	(8E0)	ADDRESS	4	SRJPSNDF	SET BY IATSNLD DFC FRR ROUTINE
2276	(8E4)	ADDRESS	4	SRJPSNDA	SET BY IATSNLD DFC RC ANALYSIS ROUTINE
2280	(8E8)	ADDRESS	4	TVTRS230	RESERVED FOR SERVICE
2284	(8EC)	ADDRESS	4	TVTRU230(3)	RESERVED FOR USER
		CODE AND ASSOCIATED AREAS Certain dummy instructions are defined as place 0 holders in DSECTs for corresponding real code in 0 IATGRVT. These place holders use hard coded 0 register numbers instead of IATYREG equates because 0 not all register equates are defined in PL/X modules 0 generated from CASE. 0			
2296	(8F8)	ADDRESS	4	TVTTRC2	IATMOTR ADDR OF TRACE TRAP CODE
2300	(8FC)	SIGNED	4	TVTTRC3	IATGRTX R14 SAVE AREA - TRACE TRAP
2304	(900)	ADDRESS	4	DCTRAPS	IATUTDC DC TRAP
2308	(904)	SIGNED	4	TVTRD230(3)	RESERVED FOR DEVELOPMENT
2340	(924)	SIGNED	4	DSPRSCNT	Number of DSPs in specialized reschedule
2344	(928)	SIGNED	4	TVTISJ	IATISEN Number of jobs that have gone through input service
2348	(92C)	SIGNED	4	TVTMBJ	IATGRJS Number of jobs that have gone through main service
		NOTE: THE TVT IS SAVED FROM THIS POINT ON FOR INISH CHECKPOINT STANDARDS/DEFAULTS AND DATA - FULLWORD			
2352	(930)	SIGNED	4	TVTINSAV(0)	
2352	(930)	SIGNED	8	TVINITID	SET BY IATINIC,INCD SPOOL RCRDS INISH ID
2352	(930)	X'930'	0	TVTIDDAT	"TVINITID,4" Date portion of id
2352	(930)	X'934'	0	TVTIDTIM	"TVINITID+4,4" Time portion of id
2360	(938)	BITSTRING	12	TVTHRINF(0)	Hot/Refresh information
2360	(938)	SIGNED	4	TVTHRDAT	Hot/refresh date
2364	(93C)	SIGNED	4	TVTHRTIM	Hot/refresh time
2368	(940)	SIGNED	4	TVTHRCNT	Number of hot starts with refresh since last cold or warm start
2372	(944)	BITSTRING	12	TVTCFINF(0)	*MODIFY,CONFIG information
2372	(944)	SIGNED	4	TVTCFDAT	*MODIFY,CONFIG date
2376	(948)	SIGNED	4	TVTCFTIM	*MODIFY,CONFIG time
2380	(94C)	SIGNED	4	TVTCFCNT	Number of *MODIFY,CONFIG requests since last cold, warm, or hot start with refresh
2384	(950)	BITSTRING	12	TVTYSYSL	IATYSYSL chain
2396	(95C)	SIGNED	4	AIONOBFN	IATINIO NO.OF CORE AWAITS FOR BUFS
2400	(960)	SIGNED	2	TVTGRPSZ	IATINSP SPOOL RECORDS PER TRACK GROUP
2402	(962)	BITSTRING	1	TVTMINTR	IATINSP MIN TRK GROUP PCT. SYS DEFLT
2403	(963)	BITSTRING	1	TVTMRGTR	IATINSP MARG TRK GROUP PCT. SYS DEFLT
2404	(964)	SIGNED	4	TVTDMPLN	IATINIC MAXIMUM LINES FOR DUMP
2408	(968)	SIGNED	4	IPLMASK	MAIN IPL MASK

Table 465. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2412	(96C)	SIGNED	4	TVTMAXC	IATINCH DEFAULT JOB CARDS (X 100)
2416	(970)	SIGNED	4	TVTMAXL	IATINCH DEFAULT JOB LINES (X 1000)
2420	(974)	SIGNED	4	TVTMAXP	IATINCH DEFAULT JOB PAGES
2424	(978)	SIGNED	4	TVTMAXB	IATINCH DEFAULT JOB BYTES (X 1000)
2428	(97C)	SIGNED	4	SIZEBUF	SET BY IATINIO SIZE OF BUFFER
2428	(97C)	X'97E'	0	BUFSZ	"SIZEBUF+2,2,C'H'" SIZE OF BUFFER - HALFWORD
2432	(980)	SIGNED	4	TVTONMSK	ON-LINE MAIN MASK 0181
2436	(984)	SIGNED	4	TVTSNECB	ECB POSTED ON SNAP NUCTASK COMPLETION.
2440	(988)	SIGNED	4	TVTCIECB	IATINAT ECB FOR C/I SUBTASK
		1...		TVTCISBW	"X'80'" IATIISB IS WAITING
ADDRESS SPACE SPECIFIC CI COUNTS					
2444	(98C)	SIGNED	4	TVTMXDCI	MAXIMUM NUMBER OF CI DSPS FOR DEMAND/ SELECT JOBS IN ADDRESS SPACE
2448	(990)	SIGNED	4	TVTUCDCI	DEMAND/SELECT CI DSPS : NUMBER IN USE
2452	(994)	SIGNED	4	TVTATDCI	DEMAND/SELECT CI SUBTASKS NUMBER ATTACHED
2456	(998)	SIGNED	4	TVTSBCNT(0)	IATINAT INTERP DSP SUBTASK COUNTS
2456	(998)	X'99A'	0	TVTCICNT	"TVTSBCNT+2,2" NUMBER OF C/I SUBTASKS
2460	(99C)	SIGNED	4	TVTPSDMX	DEMAND/SELECT POSTSCAN DSPS MAXIMUM NUMBER
2464	(9A0)	SIGNED	4	TVTPSDUS	DEMAND/SELECT POSTSCAN DSPS NUMBER IN USE
2468	(9A4)	CHARACTER	8	XCFGRPNM	JESXCF GROUP NAME SPECIFIED ON THE OPTIONS INITIAL- IZATION STATEMENT, BLANK IF NOT SPECIFIED OR NOT SPECIFIED CORRECTLY
2476	(9AC)	CHARACTER	8	XCFDEFGP	Home Node name from last Cold or Warm start. Used for XCFGRPNM default.
2484	(9B4)	SIGNED	4	TVTBSZDT	BUFFER DATA SIZE
2488	(9B8)	SIGNED	4	TVTCPUID	CPUID FROM SMCA
2492	(9BC)	SIGNED	4	TVTDATSZ	IATINIO IATYDAT SIZE (BUFSZ+DAT HDR)
2496	(9C0)	SIGNED	4	TVTDMSAV(4)	TRACE SAVE AREA
2512	(9D0)	SIGNED	4	TVTDMTRC(8)	JES3IOS TRACE DATA AREA
2544	(9F0)	ADDRESS	4	TVTAXWC	IATINIO Address of the ASAXWC parameter/work area
2548	(9F4)	SIGNED	4	TVTMAINJ	MAIN MASK OF ALL JES3 MAINS
2552	(9F8)	SIGNED	4	TVTSIOSV(6)	JES3SDM SAVE AREA
2576	(A10)	SIGNED	4	TVTUTIC	IATUTIC WORK AREA
2580	(A14)	SIGNED	4	TVTWAITS	IATGRCT TOTAL OS WAITS - JES3 TCB
2584	(A18)	SIGNED	4	TVTMNSMS	MASK OF MAIN PROCESSORS THAT HAVE SMS INSTALLED
2588	(A1C)	SIGNED	2	TVTJETPR	IATINIC Primary extent size of the JET cellpool in 1,000s
2590	(A1E)	SIGNED	2	TVTJETLM	IATINIC Maximum size of the JET cellpool in 1,000s
2592	(A20)	SIGNED	2	TVTOSTPR	IATINIC Primary extent size of the OST cellpool in 1,000s
2594	(A22)	SIGNED	2	TVTOSTLM	IATINIC Maximum size of the OST cellpool in 1,000s

Table 465. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2596	(A24)	SIGNED	2	TVTSEEPR	IATINIC Primary extent size of the SEE cellpool in 1,000s
2598	(A26)	SIGNED	2	TVTSEELM	IATINIC Maximum size of the SEE cellpool in 1,000s
2600	(A28)	SIGNED	2	TVTDOTPR	IATINIC Primary extent size of the DOT cellpool in 1,000s
2602	(A2A)	SIGNED	2	TVTDOTLM	IATINIC Maximum size of the DOT cellpool in 1,000s
2604	(A2C)	SIGNED	4	TVTRD260(5)	Reserved for IBM
2624	(A40)	SIGNED	4	TVTVALID	IATDMTK Maximum VALID value used
2628	(A44)	SIGNED	4	TVTRS260(13)	Reserved for Service 0027
2680	(A78)	CHARACTER	2	TVTMEMBR	Inish deck suffix used last
2682	(A7A)	ADDRESS	1	TVTWDLIM	WANTDUMP=YES limit 0027
2683	(A7B)	ADDRESS	1	TVTWDITV	WANTDUMP=YES interval in 0027 minutes 0027
2684	(A7C)	SIGNED	2	TVTJBNSE	COUNT OF FREE SECONDARY- JSAM BUFFER EXTENTS
2686	(A7E)	SIGNED	2	TVTJBDTH	JSAM BUFFER DELETE THRESH
2688	(A80)	SIGNED	2	TVTPPAGS	PAGE COUNT - PRIMARY EXT.
2690	(A82)	SIGNED	2	TVTSPAGS	PAGE COUNT - SECONDARY EXT.
2692	(A84)	SIGNED	2	TVTJBLIM	Maximum number of 08792TAC secondary JSAM extents 08792TAC
2694	(A86)	SIGNED	2	TVTJBEXP	COUNT OF JSAM BUFFER POOL- EXPANSIONS
2696	(A88)	SIGNED	4	TVTRU260(5)	RESERVED FOR USER
2716	(A9C)	SIGNED	4	TVTSCANI	IATGRLD SCAN CYCLE INTERVAL USED IN SCAN DELETE ROUTINE. TO DISABLE ROUTINE, SET THIS VALUE TO ZERO
2720	(AA0)	SIGNED	4	TVTRD270(2)	RESERVED FOR DEVELOPMENT
2728	(AA8)	SIGNED	4	TVTRS270(2)	RESERVED FOR SERVICE
2736	(AB0)	SIGNED	4	TVTRU270(2)	RESERVED FOR USER
2744	(AB8)	SIGNED	2	TVTDMCSZ	LENGTH OF ONE DMC
2746	(ABA)	SIGNED	2	TVTDMCPG	# OF DMC'S FIT IN ONE PAGE
2748	(ABC)	SIGNED	4	TVTRD280(4)	RESERVED FOR DEVELOPMENT
2764	(ACC)	SIGNED	4	TVTMUBLN	IATINIO Maximum user buffer length, This field is the maximum space available for user data in one buffer. It equals TVTBSZDT - (L'DATCC+L'DATCCX)
2768	(AD0)	SIGNED	4	TVTMLRL	IATINIO MAXIMUM LOGICAL RECORD LEN
2772	(AD4)	SIGNED	4	TVTDLMSK	IATINIO DATA LENGTH MASK, THIS FIELD IS USED TO ISOLATE THE LENGTH FIELD OF THE DATCC
2776	(AD8)	ADDRESS	4	SRJPSNSG	SET BY IATSNLD SAVE AREA GET ROUTINE
2780	(ADC)	ADDRESS	4	SRJPSNJP	SET BY IATSNLD JES3 POST ROUTINE
2784	(AE0)	ADDRESS	4	SRJPSNFI	SET BY IATSNLD FM INBOUND ROUTINE
2788	(AE4)	ADDRESS	4	SRJPSNFO	SET BY IATSNLD FM OUTBOUND ROUTINE
2792	(AE8)	ADDRESS	4	SRJPSNPI	SET BY IATSNLD PS INBOUND ROUTINE
2796	(AEC)	ADDRESS	4	SRJPSNPO	SET BY IATSNLD PS OUTBOUND ROUTINE
2800	(AF0)	ADDRESS	4	SRJPSNLM	SET BY IATSNLD MSG RTN ENTRY POINT
2804	(AF4)	ADDRESS	4	TVTRS280	RESERVED FOR SERVICE

Table 465. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		FDB'S AND DATA - HALFWORD			
2808	(AF8)	BITSTRING	12	DJCCKFDB	DJC CKPT FDB
2820	(B04)	BITSTRING	12	GMSFDB	MAIN SCHEDULING CHKPT FDB
2832	(B10)	BITSTRING	28	MNTRKFDB	SINGLE TRACK TABLE TAT FDB
2860	(B2C)	BITSTRING	12	SMRFDB	SELECT MODE RECORD FDB
2872	(B38)	BITSTRING	12	TVONLFDB	SYSUN VARY STATUS CKPT FDB
2884	(B44)	BITSTRING	28	JCTRKFDB	JCT ALLOCATION DUMMY TAT FDB
2912	(B60)	BITSTRING	12	TVTFSSFD	FSS/FSA CHECKPT ROOT FDB
2924	(B6C)	BITSTRING	4	TVTRD290	RESERVED FOR DEVELOPMENT
2928	(B70)	BITSTRING	12	TCKFDB	TCP/IP Checkpoint FDB
2940	(B7C)	SIGNED	2	AFGABNUM	IATABMN JES3 FAILURE NUMBER
2942	(B7E)	SIGNED	2	AIOBFUSE	IATINIO NUMBER OF BUFFERS IN USE
2944	(B80)	SIGNED	2	TVTSNNUM	JES3 FAILURE NUMBER ASSOCIATED WITH SNAP NUCTASK REQUEST.
2946	(B82)	SIGNED	2	AIONBUFS	IATINIO NUMBER OF JES3 BUFFERS
2948	(B84)	SIGNED	2	AIONOBFM	IATINIO MAX NUMBER EVER IN USE 12
2950	(B86)	SIGNED	2	TVTRD300(2)	Reserved for IBM
2954	(B8A)	SIGNED	2	TVTDATFS	IATINIO SIZE FIXED PORTION IATYDAT
2956	(B8C)	SIGNED	2	TVTRD305(6)	Reserved for IBM
2968	(B98)	SIGNED	2	AIOBMIN	- IATINIO MIN. JSAM BUFFERS
2970	(B9A)	SIGNED	2	TVTDYSCR	DYNALLOC SCRATCH JVT NUMBER
2972	(B9C)	SIGNED	2	TVTRS310(4)	Reserved for Service
		18463TAA 18463TAA IMPORTANT NOTE ABOUT FLAG TVTSPFLC: 18463TAA 18463TAA The flag TVTSDION (x'80') is being retired in HJS7790. 18463TAA However, since the flag is part of the checkpoint, it 18463TAA may not be set in a customer version because: 18463TAA 18463TAA (1) the customer has always been hot starting since the 18463TAA introduction of OW01162 18463TAA (2) or, the customer explicitly set SDI to OFF. 18463TAA 18463TAA In HJS7790, SDI is no longer optional and the flag is 18463TAA ignored. If a customer falls back to a prior release of 18463TAA JES3, the system will act the same way as it did before a 18463TAA hot start to HJS7790. That way the customer is unaffected 18463TAA with respect to SDI checking on the lower level system. 18463TAA 18463TAA 18463TAA			
2980	(BA4)	BITSTRING	1	TVTSPFLC	Spool Flags - checkpointed
		Definition of TVTSPFLC			
		1...		TVTSDION	"X'80'" SDI=YES specified
		.1..		TVTDSI40	"X'40'" Reserved for Service
		..1.		TVTDSI20	"X'20'" Reserved for Service
		...1		TVTDSI10	"X'10'" Reserved for Service
		.... 1...		TVTDSI08	"X'08'" Reserved for Service
		.... .1..		TVTDSI04	"X'04'" Reserved for Service
		.... ..1.		TVTDSI02	"X'02'" Reserved for Service
		1		TVTDSI01	"X'01'" Reserved for Service

Table 465. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2981	(BA5)	BITSTRING	1	TVTISFLG	Input Service Flags - checkpointed
		Definition of TVTISFLG			
		1...		TVTASPE	"X'80'" ALTJCL=ERROR specified (flag ASP-style JECL as errors)
		.1..		TVTASPW	"X'40'" ALTJCL=IGNOREW specified (flag ASP-style JECL as warnings)
		..1.		TVTASPC	"X'20'" ALTJCL=COMMENT specified (treat ASP-style JECL as comments)
		...1		TVTISF10	"X'10'" Reserved for IBM
		.... 1...		TVTISF08	"X'08'" Reserved for IBM
		.... .1..		TVTISF04	"X'04'" Reserved for IBM
		.... ..1.		TVTISF02	"X'02'" Reserved for IBM
		1		TVTISF01	"X'01'" Reserved for IBM
2982	(BA6)	SIGNED	2	TVTINTRD	MAXIMUM NUMBER OF INTRDR'S
2984	(BA8)	SIGNED	2	TVTFDUSE	NUMBER OF FD ENTRIES IN USE
2986	(BAA)	SIGNED	2	TVTFDMAX	MAX. NO. OF FD ENTRIES USED
2988	(BAC)	BITSTRING	1	TVTRD310(3)	RESERVED FOR DEVELOPMENT
		ESTAE RECOVERY WTD FLAGS AND STORAGE POINTERS			
2991	(BAF)	BITSTRING	1	TVTESTFL	INIT,ABMN ESTAE WORK TO DO FLAG
		1...		TVTGETE6	"X'80'" RE-ACQUIRE SYS SUBPOOL STORAGE
		.1..		TVTGET00	"X'40'" RE-ACQUIRE USER SUBPOOL STORAGE
		..1.		TVTSDMSG	"X'20'" ISSUE WTO WARNING MSG
		...1		TVTSNAPN	"X'10'" SNAP NUCTASK
2992	(BB0)	SIGNED	4	TVTESTE6	INIT,GRCT ESTAE PTR FOR SYSTEM SUBPOOL
2996	(BB4)	SIGNED	4	TVTEST00	INIT,GRCT ESTAE PTR FOR USER SUBPOOL
2996	(BB4)	BITSTRING	0	TVTESTSZ	"X'2000'" 8K GETMAIN SIZE FOR ESTAE
		.... ..1.		TVTSBPUS	"X'02'" USER SUBPOOL 2
		111. .11.		TVTSBPSY	"X'E6'" SYSTEM SUBPOOL 230 (E6)
3000	(BB8)	SIGNED	2	TVTRU310(3)	RESERVED FOR USER
		FLAGS AND ECFS			
3006	(BBE)	BITSTRING	1		Reserved for development
3007	(BBF)	BITSTRING	1	AFGFLAG2	FLAG BYTE 2
		1...		AFGGMPF	"X'80'" CONSTD, GLOBMPF=YES
		.1..		AFGNOCPF	"X'40'" No sysplex prefix defined 0101 to CPF (XCFLOCAL mode) 0101
		..1.		AFGRS220	"X'20'" Reserved flag
		...1		AFGRS210	"X'10'" Reserved flag
		.... 1...		AFGRS208	"X'08'" Reserved flag
		.... .1..		AFGRS204	"X'04'" Reserved flag
		.... ..1.		AFGRS202	"X'02'" Reserved flag
		1		AFGRS201	"X'01'" Reserved flag
3008	(BC0)	BITSTRING	1	TVTLIMF	LIMIT FLAG

Table 465. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		TVTCANB	"X'80'" MAX BYTES EXCEEDED, CNCL JOB
		.1..		TVTDMPB	"X'40'" MAX BYTES EXCEEDED, DUMP JOB
		..1.		TVTCANP	"X'20'" MAX PAGES EXCEEDED, CNCL JOB
		...1		TVTDMPP	"X'10'" MAX PAGES EXCEEDED, DUMP JOB
		.... 1...		TVTCANC	"X'08'" MAX CARDS EXCEEDED, CNCL JOB
		.... .1..		TVTDMPC	"X'04'" MAX CARDS EXCEEDED, DUMP JOB
		.... ..1.		TVTCANL	"X'02'" MAX LINES EXCEEDED, CNCL JOB
		1		TVTDMPL	"X'01'" MAX LINES EXCEEDED, DUMP JOB
3009	(BC1)	BITSTRING	1	AFGFLAG5	FLAG BYTE 5
		1...		AFGDLPST	"X'80'" DEADLINE POST
3010	(BC2)	BITSTRING	1	AIOFLAG1	IATINIO FLAGS
		1...		AIORDWRT	"X'80'" I/O REQ FROM READ/WRITE RTN
		.1..		AIOFDNEW	"X'40'" ON WHEN FD ENTRIES ARE AVAIL
		..1.		AIOGETBF	"X'20'" GETBUF REQUEST
		.... 1...		AIONOSPC	"X'08'" NO SPACE ON QUEUE PACKS
		.... .1..		AIOSNGIO	"X'04'" SET FOR SINGL REC I/O REQUEST
3011	(BC3)	BITSTRING	1	AIOFLAG2	IATINIO FLAGS
		1...		AIONOAWT	"X'80'" GETBUF WITHOUT AWAIT
		..1.		AIORESPG	"X'20'" INVERSE PURGE STT ENTRY
		...1		AIOPTJSM	"X'10'" Post of JSAM is required
		.... 1...		AIOJQMSG	"X'08'" Reserved for IBM
		.... .1..		AIOMSOUT	"X'04'" MINIMAL JSAM BUFFER MSG (IAT1101/IAT1103) OUTSTANDING
		.... ..1.		AIOMCMSG	"X'02'" MARG TRK COND IN INIT
		1		AIOMNBUF	"X'01'" MIN. JSAM BUF COND.
3012	(BC4)	BITSTRING	1	JSSFLG1	JSS FLAG BYTE
		DEFINITION OF JSSFLG1			
		1...		JSSGPOST	"X'80'" GENERAL POST OF JSS (*S JSS)
		.1..		JSSDUCHG	"X'40'" THE USE COUNT OR STATUS OF A DSP HAS CHANGED
		..1.		JSSOSWEF	"X'20'" AN RQ ON THE OUTSERV WAIT RQ CHAIN (INDEX=RQOSWAIT) HAS COMPLETED PROCESSING
		...1		JSSPRELH	"X'10'" ONE OR MORE JOB PRIORITY LEVELS HAVE BEEN RELEASED FROM OPERATOR HOLD
		.... 1...		JSSMCGAV	"X'08'" A MAIN, GMS CLASS, OR GMS GROUP HAS BECOME AVAILABLE or when a main becomes 18588TAA available for a scheduling 18588TAA environment 18588TAA
		.... .1..		JSSEFADD	"X'04'" ENDING FUNCTION RQ ADDED TO EF CHAIN (INDEX=RQDONE OR RQCMPLT)
		.... ..1.		JSSPROCN	"X'02'" A PROCLIB HAS BEEN ENABLED
		1		JSSRQTMR	"X'01'" TIMER INTERVAL EXPIRED FOR RETRY AFTER RQ SHORTAGE
3013	(BC5)	BITSTRING	1	JSSFLG2	JSS FLAG BYTE
		DEFINITION OF JSSFLG2			

Table 465. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		JSSFSTIM	"X'80'" JSS FIRST PASS AFTER START
		.1..		JSSACTIV	"X'40'" JSS FIRST PASS COMPLETED
		..1.		JSSCHKPT	"X'20'" JSS CHECKPOINT JCT REQUEST
		...1		JSSSTART	"X'10'" *S JSS HAS BEEN ISSUED
		.... 1...		JSSWORKQ	"X'08'" ONE OR MORE JQES HAVE BEEN ADDED TO THE JSS READY Q
		.... .1..		TVTMPLAV	"X'04'" A MAIN PROCESSOR HAS 0181 BECOME AVAILABLE 0181
		.... ..1.		TVTDPJEN	"X'02'" DUPJOBNM SET TO YES
		1		TVTCIJSS	"X'01'" C/I JSAM buffers available 0082
3014	(BC6)	BITSTRING	1	TATFLAGS	IATINIO FLAGS
		1...		TATMINQ	"X'80'" Minimal tracks condition for the default spool partition
		.1..		TATMRGQ	"X'40'" Marginal tracks condition for the default spool partition
		..1.		TATGMSSP	"X'20'" Potential GMS job select suspend condition. This occurs when a spool partition and all of its overflow partitions are in a marginal tracks condition.
3015	(BC7)	BITSTRING	1	JSSTPOST	JSS TIMER POST FLAGS
3016	(BC8)	BITSTRING	1	TVTRD315	Reserved for development 0012
3017	(BC9)	BITSTRING	1	TVTFSFG1	FAILSOFT flags (default to DUMP=PRDMP)
		1...		AFGESTAE	"X'80'" ESTAE EXIT RTN IN CONTROL
		.1..		AFGPJES3	"X'40'" JES3 TERMINATION REQUIRED
		..1.		AFGFSACT	"X'20'" JES3 FAIL SOFT IS ACTIVE
		...1		TVTFSUFD	"X'10'" SET BY IATABN0 UNFORMATTED DUMP TAKEN OK
		.... 1...		AFGDMPOS	"X'08'" OPTIONS,DUMP=MVS
		.... .1..		AFGDMPSA	"X'04'" OPTIONS,DUMP=PRDMP
		.... ..1.		TVTFSNDP	"X'02'" OPTIONS,WANTDUMP=NO
		1		TVTFSASK	"X'01'" OPTIONS,WANTDUMP=ASK
3018	(BCA)	BITSTRING	1	TVTFSFG2	FAILSOFT FLAGS
		1...		AUXPTERM	"X'80'" AUXTASK IS TERMINATING
3019	(BCB)	BITSTRING	1	TVTINTRP	FLAGS FOR INTERPRETER OPTIONS
3019	(BCB)	X'BCB'	0	TVTMDFLG	"TVTINTRP" FLAGS FOR MAIN DEVICE SCHED
		1...		TVTFETCH	"X'80'" SET BY IATINMD MAIN DEVICE FETCH OPTION
		.1..		TVTPREFR	"X'40'" SET BY IATINCH THWSSEP=PREFER
		..1.		TVTREQUI	"X'20'" SET BY IATINCH THWSSEP=REQUIRE
		...1		TVTSMSET	"X'10'" JES3 IS DOING DATA SET ALLOCATION FOR SMS RESOURCES
		.... .1..		TVTANYJS	"X'04'" INTERPRETER DEFAULT ANYJES
		.... ..1.		TVTANYRL	"X'02'" INTERPRETER DEFAULT ANYREAL
		1		TVTBOTH	"X'01'" INTERPRETER DEFAULT BOTH
3020	(BCC)	BITSTRING	1	TVTSETUP	FLAGS FOR SETUP OPTIONS
		1...		MSSACT	"X'80'" SET BY IATINMD SETPARAM,MSS=...

Table 465. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.1..		MSSJOB	"X'40'" SET BY IATINMD MSS=JOB; ELSE, =HWM
		..1.		MSSDEPTH	"X'20'" SET BY IATINMD SETPARAM,MSSDEPTH=YES
		...1		TVTRSF10	"X'10'" Reserved for IBM
		.... 1...		TVTIHWS	"X'08'" STANDARDS,SETUP=HWS
		.... .1..		TVTDHWS	"X'04'" STANDARDS,SETUP=DHWS
		.... ..1.		TVTTHWS	"X'02'" STANDARDS,SETUP=THWS
		1		TVTNONE	"X'01'" STANDARDS,SETUP=NONE
3021	(BCD)	BITSTRING	1	DYNECF	ECF FOR IATDYDR
		1...		DYNALOC	"X'80'" DYN ALLOC SA REC'D
		.1..		DYNUNAL	"X'40'" UNALLOC SA REC'D
		..1.		DYNCDD	"X'20'" CHANGE DDNAME SA REC'D
		...1		DYNINIT	"X'10'" INITIALIZATION COMPLETE
		.... 1...		DYNRALOC	"X'08'" Retry dynamic allocation
3021	(BCD)	X'E8'	0	DYNSAMSK	"DYNALOC+DYNUNAL+DYNCDD+DYNRALOC" DYNAL post flags
3022	(BCE)	BITSTRING	1	TVTDYNL	FLAGS FOR DYNAL FCT
		1...		TVTDRCRC	"X'80'" RECOVERY RECURSION FLAG
3023	(BCF)	BITSTRING	1	TVTSTFLG	IBM SYSTEM TESTING USE
		1...		TVTSTFG0	"X'80'"
		.1..		TVTSTFG1	"X'40'"
		..1.		TVTSTFG2	"X'20'"
		...1		TVTSTFG3	"X'10'"
		.... 1...		TVTSTFG4	"X'08'"
		.... .1..		TVTSTFG5	"X'04'"
		.... ..1.		TVTSTFG6	"X'02'"
		1		TVTSTFG7	"X'01'"
3024	(BD0)	BITSTRING	1	TVTVS2F1	SUBSYSTEM MODE FLAG
		1...		TVTPRSUB	"X'80'" JES3 IS PRIMARY SUBSYSTEM
		.1..		TVTGLOBL	"X'40'" GLOBAL MODE INDICATOR
		..1.		TVTLOCAL	"X'20'" LOCAL MODE INDICATOR
		...1		TVTDSIBK	"X'10'" DSI back to this system 0005
		.... 1...		TVTVIRT	"X'08'" SYSTEM IS VIRTUAL
		.... .1..		TVTOLDGL	"X'04'" SYSTEM WAS AN OLD GLOBAL
		.... ..1.		TVTDSIOK	"X'02'" DSI completed on the new 0005 global 0005
JESMSGLG Suppression Flags from STANDARDS statement					
3025	(BD1)	ADDRESS	1	TVTJESMS	JESMSGLG flag (default set to NOTSO)
		1...		TVTJNTSO	"X'80'" TSO JESMSGLG suppression flag
		.1..		TVTJNSTC	"X'40'" STC JESMSGLG suppression flag
		..1.		TVTJNBAT	"X'20'" Batch JESMSGLG suppression flag
3026	(BD2)	BITSTRING	1	TVTCIFLG	FLAG FOR C/I
		1...		TVTCBCLS	"X'80'" CIBATCH=CLASS (STANDARDS)
		.1..		TVTCBJOB	"X'40'" CIBATCH=JOB " @WA35670

Table 465. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		TVTCDCLS	"X'20'" CIDEMAND=CLASS " @WA35670
		...1		TVTCDJOB	"X'10'" CIDEMAND=JOB " @WA35670
		.... 1...		TVTCFR08	"X'08'" RESERVED FLAG
		.... .1..		TVTCFR04	"X'04'" RESERVED FLAG
		.... ..1.		TVTCFR02	"X'02'" RESERVED FLAG
		1		TVTCFR01	"X'01'" RESERVED FLAG
3027	(BD3)	BITSTRING	1	TVTRU320	RESERVED FOR USER

```
NOTE: THE TVTFSSID WILL BE ZERO IF NOT EXECUTING
            IN AN FSS ADDRESS SPACE
```

3028	(BD4)	SIGNED	4	TVTFSID(0)	FSS ID
3028	(BD4)	SIGNED	2	TVTFSSID	FSS PORTION OF FSS ID
3030	(BD6)	SIGNED	2	TVTFSAID	FSA PORTION OF FSS ID
3032	(BD8)	BITSTRING	1	TVTFSFLG	FSS FLAG
		1...		TVTFSSAD	"X'80'" EXECUTING IN FSS ADDRESS SPACE
		.1..		TVTCIFSS	"X'40'" CI FSS ADDRESS SPACE
3033	(BD9)	BITSTRING	1	UAVLFLG	UNIT AVAILABLE FLAG
3034	(BDA)	BITSTRING	1	AIOBFECF	IF NON-0, JES BUFS ARE AVAIL
3035	(BDB)	BITSTRING	1	MSGCECF	ECF FOR IATMSGC
		1...		GECFSTAD	"X'80'" STA ADDRESS POST
		.1..		GECFMCON	"X'40'" MAIN CONNECT POST
		..1.		GECFMTRK	"X'20'" MINTRK CLEAR POST

```
 TVTPTECF MASK IS USED AGAINST TWO FLAG BYTES:
            MSGCECF AND TVTPATH
TVTPTECF EQU X'10' SEE BELOW FOR DEFINITION
```

		.... 1...		GECFJOBN	"X'08'" Job number shortage cleared post
3036	(BDC)	BITSTRING	1	OSEFLAGS	ECF FLAG FOR IATOSDR
		1...		SPINPOST	"X'80'" SPINOFF OUTPUT TO PROCESS
		.1..		OSEOUTPT	"X'40'" NORMAL OUTPUT TO PROCESS
		..1.		OSETIMER	"X'20'" TIMER INTERVAL TO PROCESS
		...1		OSEWTRS	"X'10'" WRITER OUTPUT PENDING
		.... 1...		INITOPS	"X'08'" FIRST OUTSERV POST (BY JSS)
		.... .1..		OSERQWS	"X'04'" SELECTIVE RESQ WTR START
		.... ..1.		OSEWTRSL	"X'02'" START SPECIFIED WTR
3037	(BDD)	BITSTRING	1	TVTRD330(2)	RESERVED FOR DEVELOPMENT
3039	(BDF)	BITSTRING	1	TVTPATH	ECF FOR VARY PATH

```
 TVTPTECF MASK IS USED AGAINST TWO FLAG BYTES:
            MSGCECF AND TVTPATH
```

		...1		TVTPTECF	"X'10'" VARY PATH POSTED
3040	(BE0)	SIGNED	4	DECF(0)	JSAM ECF
		1...		DECFIO	"X'80'" POST BIT - JSAM I/O COMPLETE
		.1..		DECFTX	"X'40'" POST BIT - USAM TRACKS REQ
		..1.		DECFER	"X'20'" POST BIT - SPOOL I/O ERROR
		...1		DECFDR	"X'10'" POST BIT - DDR REQUEST

Table 465. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		DECFSEC	"X'08'" POST BIT - SECONDARY POST
		TVTDRTN AND TVTDRDN MASKS ARE BOTH USED AGAINST TWO FLAG BYTES: DECF AND TVTDRECF TVTDRTN EQU X'04' SEE BELOW FOR DEFINITION TVTDRDN EQU X'02' SEE BELOW FOR DEFINITION			
		1		DECFBTR	"X'01'" POST BIT - BADTRACK UPDATE
3041	(BE1)	BITSTRING	1	TVTCIECF	IATINAT ECF OF C/I SUBTASK
		DEFINITION OF TVTCIECF (SERIALIZED VIA OIL MACRO)			
		1...		TVTCIATC	"X'80'" IATIISB C/I SUBTASK ATTACH COMPLETE
		.1..		TVTMSABN	"X'40'" IATIISB MASTER SUBTASK ABENDED
		..1.		TVTFSCIU	"X'20'" IATIICS CI FSS DEMAND SELECT CI SUBTASK IS IN USE
		...1		TVTCFATF	"X'10'" IATINAT CI FSS DEMAND SELECT CI SUBTASK ATTACH FAILURE
		.... 1...		TVTCIR08	"X'08'" RESERVED FLAG
		.... .1..		TVTCIR04	"X'04'" RESERVED FLAG
		.... ..1.		TVTCIR02	"X'02'" RESERVED FLAG
		1		TVTCIR01	"X'01'" RESERVED FLAG
3042	(BE2)	BITSTRING	1	TVTJSFLG	JSAM FCT FLAG
		1...		TVTSPMSG	"X'80'" SPOOL SPACE MESSAGE POST 0582
		.1..		TVTJBMSG	"X'40'" JSAM BUFFER MESSAGE POST 0582
		..1.		TVTJBOUT	"X'20'" JSAM BUFFER MESSAGE ISSUED 0582
		...1		TVTJBUSE	"X'10'" JSAM BUFFER POOL POST
		.... 1...		TVTDYCLU	"X'08'" Dynamic spool reconfig. clean up needed
3043	(BE3)	BITSTRING	1	TVTLOECF	LOCATE ECF (USE TVTVRECF NOW)
3043	(BE3)	X'BE3'	0	TVTVRECF	"TVTLOECF,1" VERIFY FCT ECF
		DEFINITION OF TVTVRECF - REPLACES TVTLOECF			
		1...		LVRRSV80	"X'80'" RESERVED FLAG
		.1..		LVRRSV40	"X'40'" RESERVED FLAG
		..1.		LVRRSV20	"X'20'" RESERVED FLAG
		...1		LVRRSV10	"X'10'" RESERVED FLAG
		EQU X'08' RESERVED FOR (AND RESET IN) IATLVVR			
		.... .1..		LVRATPST	"X'04'" IATLVVR ATTENTION POST
		.... ..1.		LVRRSPST	"X'02'" IATLVVR RESTART POST
		1		LVRSAPST	"X'01'" IATLVVR STAGING AREA POST
3044	(BE4)	BITSTRING	1	TVTICLK	IATUTIC SUBROUTINE LOCK
3045	(BE5)	BITSTRING	2	TVTRD345	RESERVED FOR DEVELOPMENT
3047	(BE7)	BITSTRING	1	TVTCECF	CONSOLE SPOOL I/O ECF
		1...		TVTJMSSI	"X'80'" JESMSGLG SSI processing
		.1..		TVTJMJBT	"X'40'" JESMSGLG job termination cleanup

Table 465. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		TVTJMUPD	"X'20'" JESMSGLG update
3048	(BE8)	BITSTRING	1	TVTRD350	RESERVED FOR DEVELOPMENT
3049	(BE9)	BITSTRING	1	TVTRU350(3)	RESERVED FOR USER
3052	(BEC)	BITSTRING	1	TVTDRECF	DDR ECF FLAG
TVTDRTN AND TVTDRDN MASKS ARE BOTH USED AGAINST TWO FLAG BYTES: DECF AND TVTDRECF					
		.... .1..		TVTDRTN	"X'04'" TAPE/UR DDR POSTED NORMAL PROC
		.... ..1.		TVTDRDN	"X'02'" DASD DDR NORMAL PROCESSING
		1...		TVTDRTR	"X'80'" TAPE/UR DDR RESTART PROCESSING
		.1..		TVTDRDR	"X'40'" DASD DDR RESTART PROCESSING
3053	(BED)	BITSTRING	1	TVTDRCR	DDR FCT CREATED FLAG
DEFINITION OF TVTATFLG					
3054	(BEE)	BITSTRING	1	TVTATFLG	AUX TASKING FLAGS
		1...		TVTATE	"X'80'" AUX TASK ENABLED FOR WORK
		.1..		TVTMTON	"X'40'" MT=ON SPECIFIED IN INISH DECK
DEFINITION OF TVTFLAG1 (SERIALIZED BY COMP. AND SWAP)					
3055	(BEF)	BITSTRING	1	TVTFLAG1	WORK FLAGS SERIALIZED BY CS
		1...		TVTUAGET	"X'80'" UNSUCCESSFUL AGETMAIN OCCURRED
		.1..		TVTTSOPS	"X'40'" TSO JES3 REQUEST
		..1.		TVTENST	"X'20'" Enhanced Status
DEFINITION OF TVTGSWK1 COMPARE AND SWAP MUST BE USED TO SERIALIZE ACCESS TO THESE FLAGS					
3056	(BF0)	BITSTRING	1	TVTGSWK1	ECF FOR GENERAL SERVICE DSP
		1...		TVTGSPFD	"X'80'" PENDING FAILDSP REQUEST
		.1..		TVTGSATT	"X'40'" ATTACH ATDE REQUEST
		..1.		TVTGSDET	"X'20'" DETACH ATDE REQUEST
		...1		TVTGSAGP	"X'10'" AGETMAIN POSTING RESQUEST
		.... 1...		TVTGSSAT	"X'08'" STOP AUXTASK FOR MODIFY,MT
		.... .1..		TVTGSSWM	"X'04'" Switch IATXSUSP mask
DEFINITION OF TVTSTUSR					
3057	(BF1)	BITSTRING	1	TVTSTUSR	ABEND SER. RTN. USER FLAGS
		1...		TVTSSNUC	"X'80'" IATNUC TASK GET/REL RESOURCE
		.1..		TVTSSAUX	"X'40'" IATAUX TASK GET/REL RESOURCE
		1		TVTSSDST	"X'01'" DSP MODIFIER FOR USE OF RESOURCE.
3057	(BF1)	X'81'	0	TVTSSDSP	"(TVTSSNUC+TVTSSDST)"
3058	(BF2)	BITSTRING	1	TVTSTLOC	ABEND SER. RTN. LOCK BYTE
DEFINITION OF TVTDJFLG FLAG BYTE					

Table 465. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
3059	(BF3)	BITSTRING	1	TVTDJFLG	DJ FLAG BYTE
		1...		TVTDJRST	"X'80'" FLAG RESET IN PROCESS
3060	(BF4)	BITSTRING	1	TVTGRFLG	GENERAL ROUTINES FLAGS
		DEFINITION OF TVTGRFLG			
		1...		TVTGRJQE	"X'80'" IATGRJX JQE'S AVAILABLE
		.1..		TVTJNRET	"X'40'" IATGRJN JOB NUMBER RETURNED(AVAIL)
		..1.		TVTDPJBN	"X'20'" DUPJOBNM=YES
		---------- 18455TAA JOBTRACK=SYSPLEX when both TVTJTGBL and TVTJTOFF 18455TAA are set OFF. It is the default value. 18455TAA ---------- 18455TAA			
		...1		TVTJTGBL	"X'10'" JOBTRACK=JGLOBAL 18455TAA
		.... 1...		TVTJTOFF	"X'08'" JOBTRACK=OFF 18455TAA
		.... .1..		TVTDPLGN	"X'04'" DUPLOGON=YES
3061	(BF5)	BITSTRING	1	TVTFLAG2	TVT FLAG TWO
		DEFINITION OF TVTFLAG2			
		1...		TVTSMS	"X'80'" IATINMD SMS IS INSTALLED ON THIS PROCESSOR
		.1..		TVTSMSCX	"X'40'" IATMSR2 SMS IS ACTIVE IN COMPLEX 0260
		..1.		TVTAUTOR	"X'20'" JES3 is in auto-restart mode (i.e. it is restarting automatically)
		...1		TVTRF210	"X'10'" RESERVED FLAG
		.... 1...		TVTRF208	"X'08'" RESERVED FLAG
		.... .1..		TVTRF204	"X'04'" RESERVED FLAG
		.... ..1.		TVTRF202	"X'02'" RESERVED FLAG
		1		TVTRF201	"X'01'" RESERVED FLAG
3062	(BF6)	BITSTRING	1	TVTRS360(6)	RESERVED FOR SERVICE
3068	(BFC)	BITSTRING	1	TVTCDECF	CI DRIVER ECF
		DEFINITION OF TVTCDECF			
		1...		TVTCNSAP	"X'80'" CONSOLE APPENDAGE POST
		.1..		TVTFSSCM	"X'40'" FSS COMMUNICATION POST (STAR)
		..1.		TVTFSSTA	"X'20'" FSS STATUS CHANGE POST
		...1		TVTSCPSC	"X'10'" SCHEDULE POSTSCAN POST
		.... 1...		TVTPRCEN	"X'08'" PROCLIB ENABLE POST
		.... .1..		TVTPRCDS	"X'04'" PROCLIB DISABLE POST
		COUNTER FOR NUMBER OF OUT-MODE DJ DSP ACTIVE IN THE SYSTEM			
3069	(BFD)	BITSTRING	1	TVTDJOCT	NUMBER OF OUT-MODE DJ DSPS
3070	(BFE)	BITSTRING	1	TVTRS370	RESERVED FOR SERVICE
3071	(BFF)	BITSTRING	1	TVTRU370	RESERVED FOR USER
		MISCELLANEOUS AND UNIVERSAL CONSTANTS			

Table 465. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
3072	(C00)	CHARACTER	8	JOBCLS	DEFAULT JOB CLASS NAME
3080	(C08)	CHARACTER	8	JOBGRP	DEFAULT JOB GROUP NAME
3088	(C10)	CHARACTER	8	NJPNAME	SET BY IATINCH NAME OF LOCAL NJP TERMINAL
3096	(C18)	BITSTRING	4	TVTRM80	CONSTANT FOR SETTING HI-ORD BIT
3096	(C18)	X'C18'	0	TVTHOBON	"TVTRM80,4"
3100	(C1C)	CHARACTER	8	TVTFSSIN	SET BY IATINIT-FSS INITIALIZATION MODULE
3108	(C24)	CHARACTER	4	TVTSSNM	SET BY IATINIT-SUBSYSTEM NAME
3112	(C28)	SIGNED	4	TVTFSECB	FSS MAIN ECB
3116	(C2C)	CHARACTER	43	ACCTDFLT(0)	DEFAULT ACCT'G
3159	(C57)	BITSTRING	1	AIOFDPRY	LOWEST PRIORITY ON JSAM FD
3160	(C58)	BITSTRING	1	TVTRS375	RESERVED FOR SERVICE
3161	(C59)	BITSTRING	1	CONSUBPL	CONSOLE BUFFER SUBPOOL VALUE
3162	(C5A)	BITSTRING	1	TVTRD360	RESERVED FOR DEVELOPMENT
3163	(C5B)	CHARACTER	1	JOBFAIL	SET BY IATINCH STANDARDS,JOBFAIL=RESTART
3164	(C5C)	BITSTRING	1	JOBPRTY	STANDARDS,PRTY=0
3165	(C5D)	CHARACTER	4	JOBSQSIZ	STANDARDS,SQS=3K
3169	(C61)	CHARACTER	1	STEPCHK	STANDARDS,JOBSTEP=NOCHKPNT
3170	(C62)	CHARACTER	1	TDBGCLSS	STANDARDS,DBGCLASS=A
3171	(C63)	ADDRESS	1	TVTRAGNO	IATINDEV USAM record allocation count
3172	(C64)	BITSTRING	1	TVTSMFFO	SET BY IATINIC SMF FG OPTIONS THIS CPU
3173	(C65)	BITSTRING	1	TVTSMFOP	SET BY IATINIC SMF BG OPTIONS THIS CPU
3174	(C66)	CHARACTER	2	TVTTSOPM	IATINCH DEFAULT TSO PARM ID FOR CI
3176	(C68)	CHARACTER	2	TVTSTCPM	IATINCH DEFAULT STC PARM ID FOR CI
3178	(C6A)	CHARACTER	2	TVTINTPM	IATINCH DEF INT RDR PARM ID FOR CI
3180	(C6C)	CHARACTER	2	TVTINTPR	IATINCH DEF INT RDR PROC ID FOR CI
3182	(C6E)	CHARACTER	2	TVTTSOPR	IATINCH DEFAULT TSO PROC ID FOR CI
3184	(C70)	CHARACTER	2	TVTSTCPR	IATINCH DEFAULT STC PROC ID FOR CI
3186	(C72)	BITSTRING	1	TVTJDENO	IATGRLD # OF JDE BLOCKS INITIALIZED
3187	(C73)	BITSTRING	1	TVTRS380	RESERVED FOR SERVICE
3188	(C74)	BITSTRING	4	TVTHWMSK	CONSTANT FOR HALFWORD MASK
3192	(C78)	SIGNED	4	TVTADMSK(0)	CONSTANT FOR ADDRESS MASK
3196	(C7C)	CHARACTER	16	TVTHXCHR	HEXADECIMAL CHARACTERS
3212	(C8C)	BITSTRING	12	TVTZEROX	CONSTANT ZEROS (3 FULL WORD)
3212	(C8C)	X'C8C'	0	TVTZERO	"TVTZEROX,8" CONSTANT ZEROS
3224	(C98)	SIGNED	4	TVTONE	CONSTANT FULL WORD = 1
3224	(C98)	X'C9A'	0	TVTONEH	"TVTONE+2,2" Constant halfword = 1
3228	(C9C)	CHARACTER	8	TVTBLANK	CONSTANT BLANKS
3236	(CA4)	BITSTRING	8	TVTRMFF	CONSTANT 'FF'S
3236	(CA4)	X'CA8'	0	TVTRM7F	"TVTRMFF+4" CONSTANT '7F'S
3236	(CA4)	X'2'	0	TVTBTJST	"2" CSBT THRESHOLD FOR JST
3236	(CA4)	X'A'	0	TVTBTJDS	"10" CSBT THRESHOLD FOR JDS
3236	(CA4)	X'2'	0	TVTTJDSA	"2" CSBT THRESHOLD FOR APPC JDS

Table 465. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
3244	(CAC)	ADDRESS	4	TVTCSCP	CHAINED SRF CELL POOL PTR
3248	(CB0)	ADDRESS	4	TVTALETA	"V(TVTALET)" ADDRESS OF A 64 BYTE FIELD THAT IS USED TO INITIALIZE ALL OF THE ACCESS REGISTERS WITH THE ACCESS LIST ENTRY (ALET) OF THE PRIMARY ADDRESS SPACE
3248	(CB0)	X'CB0'	0	TVTCLREG	"TVTALETA,4" Alias for TVTALETA
3252	(CB4)	ADDRESS	4	TVTRJPCP	RJP Cell Pool Pointer
3256	(CB8)	SIGNED	4	TVTJDDLM	IATINSTD Job SYSIN DD statement lmt
3260	(CBC)	SIGNED	4	TVTRU390(4)	RESERVED FOR USER
		END OF MISCELLANEOUS AND UNIVERSAL CONSTANTS			
3276	(CCC)	SIGNED	4	(0)	- BEGINNING OF NJE UPDATE
		THE VALUE DEFINED IN THE FOLLOWING FIELD IS ALSO USED IN IATINGN TO RESET TO THE DEFAULT VALUE. ANY CHANGE IN THE DEFAULT VALUE HERE MUST ALSO BE MADE IN IATINGN.			0 0 0 0
3276	(CCC)	CHARACTER	8	HOMENODE	- HOME (LOCAL) NODE ID
3284	(CD4)	ADDRESS	4	ANJETBL	- PTR TO NJE NODE TABLE
3288	(CD8)	SIGNED	4	TVTRD403(2)	Reserved for Development
3296	(CE0)	ADDRESS	4	ANJESRCH	"V(IATXNTS)" - ADDRESS OF NJE TABLE SEARCH
3300	(CE4)	ADDRESS	4	ANJECHKS	"V(CHECKSWB)" ADDRESS OF CHECKSWB ROUTINE
3304	(CE8)	ADDRESS	4	DSPNJESN	"V(NJESND)" - DSP DICT ENTRY FOR NJESND
3308	(CEC)	ADDRESS	4	DSPNJESF	"V(NJESF)" - DSP DICT ENTRY FOR NJESF
3312	(CF0)	SIGNED	2	TVTRD405	- RESERVED FOR DEVELOPMENT
3314	(CF2)	BITSTRING	1	TVTRD410(2)	- RESERVED FOR DEVELOPMENT 0133
3316	(CF4)	BITSTRING	1	TVTNJEF1	NJE FLAG BYTE 1 0133
		DEFINITION OF NJE FLAG BYTE 1			0
		1...		TVTNJEOK	"X'80'" NETWORK DEFINITION VALID 0133
		.1..		TVTNOPRE	"X'40'" When set, PRECHECK=NO for the HOMENODE
		..1.		TVTRFN20	"X'20'" RESERVED FLAG 0133
		...1		TVTRFN10	"X'10'" RESERVED FLAG 0133
		.... 1...		TVTRFN08	"X'08'" RESERVED FLAG 0133
		.... .1..		TVTRFN04	"X'04'" RESERVED FLAG 0133
		.... ..1.		TVTRFN02	"X'02'" RESERVED FLAG 0133
		1		TVTRFN01	"X'01'" RESERVED FLAG 0133
		DEFINITION OF JCL LIMIT VALUES BY SYSTEM AND JOB			
3317	(CF5)	BITSTRING	1	TVTJLFLG	IATIISB JCL STATEMENT FLAG
		1...		TVTQBIT	"X'80'" JCL STATEMENT QUIESCE BIT
		.1..		TVTDDINB	"X'40'" SYSIN DD stmnt limit set
3318	(CF6)	SIGNED	2	TVTRU410	RESERVED FOR USER
3320	(CF8)	SIGNED	4	TVTADSLM	INCH,MODX ADDRESS SPACE JCL LIMIT

Table 465. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
3324	(CFC)	SIGNED	4	TVTSYCNT	IISB,IIDR JCL STATEMENT ADDR SPACE COUNT
3328	(D00)	SIGNED	4	TVTJOBLM	INCH,MODX JOB JCL STATEMENT LIMIT
	FSS NAME AND ASID FOR IATXIWT, WTO, ETC..				
3332	(D04)	ADDRESS	1	TVTFSMSL	LENGTH OF FSS MESSAGE
3332	(D04)	X'D05'	0	TVTFSMSS	"*" START OF FSS MESSAGE
3333	(D05)	CHARACTER	4		
3337	(D09)	CHARACTER	8	TVTFSSNM	SET BY INIT FSS NAME, FROM START COMMAND
3345	(D11)	CHARACTER	7		
3352	(D18)	CHARACTER	4	TVTEASID	SET BY INIT ASID, FROM START COMMAND
3352	(D18)	X'D1C'	0	TVTFSMSE	"*" END OF FSS MESSAGE
3333	(D05)	CHARACTER	23	TVTFSMSG	POINTER TO ENTIRE MESSAGE
3356	(D1C)	BITSTRING	12	TVTSNFDB	SNANJE CKPT ROOT FDB
3368	(D28)	ADDRESS	4	TVTBDCDA	ADDRESS OF IATBDCD DATA CSECT
3372	(D2C)	ADDRESS	4	TVTBCOMM	"V(BDTCOMM)" ADDRESS OF BDTCOMM FCT ENTRY
3376	(D30)	SIGNED	4	TVTRD420	RESERVED FOR DEVELOPMENT
3380	(D34)	SIGNED	4	TVTRS420(12)	RESERVED FOR SERVICE
	BULK DATA TRANSFER (BDT) DATA AREA AND SNA NJE DATA AREA				
3428	(D64)	ADDRESS	4	TVTRU430(10)	RESERVED FOR USER
3468	(D8C)	SIGNED	2	TVTRD425	RESERVED FOR DEVELOPMENT
	DEFINITION OF TVTBFLG1				
3470	(D8E)	BITSTRING	1	TVTBFLG1	SNA NJE FLAG 1
		1...		TVTBNFG	"X'80'" BDT NOW FUNCTIONING GOOD (BDT UP AND OPERATIONAL)
3471	(D8F)	BITSTRING	1	TVTRD430	RESERVED FOR DEVELOPMENT
3472	(D90)	ADDRESS	4	TVTBDUMY	BDT DUMMY CONSOLE ENTRY ADDR
3476	(D94)	ADDRESS	4	TVTBSCT	BDT SUBSYSTEM COMM TABLES
3480	(D98)	ADDRESS	4	TVTBREC	"V(RECDSP)" IATOSBM OUTPUT SERVICE/SNA NJE RECOVERY DSP
3484	(D9C)	CHARACTER	8	TVTSYSID	BDT DEFAULT SYSID
	DEFINITION OF TVTBECF				
3492	(DA4)	BITSTRING	1	TVTBECF	BDT SUBSYSTEM ECF
		1111		TVTBMSK	"X'F0'" ECF MASK FOR AWAIT
		1...		TVTBCMD	"X'80'" BDT COMMAND BUFFERED
		.1..		TVTBCMDQ	"X'40'" BDT COMMAND QUEUED
		..1.		TVTBRSV1	"X'20'" Reserved flag
		...1		TVTBJCRQ	"X'10'" JES3 COMMAND RESPONSE QUEUED
	DEFINITION OF TVTBECFN				
3493	(DA5)	BITSTRING	1	TVTBECFN	SNA NJE ECF
		111. .1..		TVTBNMSK	"X'E4'" ECF MASK FOR AWAIT

Table 465. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		TVTBNJET	"X'80'" SNA NJE TRANSACTION QUEUED
		.1..		TVTBONMR	"X'40'" SNA NJE OUTBOUND NMR QUEUED
		..1.		TVTBRECC	"X'20'" IATOSDR RECOVERY COMPLETE
		...1		TVTRD460	"X'10'" Reserved Flag
		.... 1...		TVTRD465	"X'08'" Reserved Flag
		.... .1..		TVTBEND	"X'04'" BDT EOJ (POSTED BY MSMS)

```
DEFINITION OF TVTBECFS -- This Byte is used as an
ECF for the DESTINATION Q's for function codes 62
and 63 (the "BDT Subsystem Q" and the "BDT Staging
Area Shuttle Q"). The manipulation of the DEST Q
(Adding and Deleting of Staging Areas) and the
Posting of the related ECB are done outside of and
within the JES3 Address space. Therefore, ANY bit
used in the following Byte MUST be serialized on
(ie. Use OIL, NIL, or equivalent Compare-and-Swap
logic).
```

3494	(DA6)	BITSTRING	1	TVTBECFS	SNA NJE ECF (Serialized)
		11..		TVTBSMSK	"X'C0'" SNA NJE ECF Mask
		1...		TVTBSSA	"X'80'" BDT Shuttle Staging Area
		.1..		TVTBSSIR	"X'40'" Subsystem Interface Request
		..11 1111		TVTRD480	"X'3F'" Reserved Bits
3495	(DA7)	BITSTRING	1	TVTRS480	Reserved for Service
3496	(DA8)	SIGNED	4	(3)	
3508	(DB4)	BITSTRING	1	(3)	MUST BE ZEROS
3511	(DB7)	BITSTRING	1		MASK BITS USED IN SNA NJE ECF
3512	(DB8)	DBL WORD	8	TVTEND(0)	END OF TABLE

```
            RESOURCE EQUATES
         JES3 Resource Table
   $RW=WLMBATCH HJS6608 980813 PD0DR: OS2.8.0
            RESOURCE NAMES
       NOTE: RESOURCE NAMES INDEXED BY PRIORITY,
       MUST BE SPECIFIED SEQUENTIALLY TO INSURE CORRECT
       OPERATION OF THE AENQ, ADEQ, ATEST ROUTINES.
, IATYRSC NAMES=(RQ,
, DLQ,
, JNCBCTL,
, SYSUNIT,
, CHKPNT,
, WTD,
, FCT,
, PRO,
, SNARMVCB,
, ICT,
, LCLJNEWS,
, RJPJNEWS,
, TSOJNEWS,
, FSSCKPT,
, GMSCKPT,
, JQEPTY0,
, JQEPTY1,
, JQEPTY2,
, JQEPTY3,
, JQEPTY4,
, JQEPTY5,
, JQEPTY6,
, JQEPTY7,
, JQEPTY8,
, JQEPTY9,
, JQEPTY10,
, JQEPTY11,
, JQEPTY12,
, JQEPTY13,
, JQEPTY14,
, JQEPTY15)
```

3512	(DB8)	X'0'	0	RQ	"0"

Table 465. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
3512	(DB8)	X'1'	0	DLQ	"1"
3512	(DB8)	X'2'	0	JNCBCTL	"2"
3512	(DB8)	X'3'	0	SYSUNIT	"3"
3512	(DB8)	X'4'	0	CHKPNT	"4"
3512	(DB8)	X'5'	0	WTD	"5"
3512	(DB8)	X'6'	0	FCT	"6"
3512	(DB8)	X'7'	0	PRO	"7"
3512	(DB8)	X'8'	0	SNARMVCB	"8"
3512	(DB8)	X'9'	0	ICT	"9"
3512	(DB8)	X'A'	0	LCLJNEWS	"10"
3512	(DB8)	X'B'	0	RJPJNEWS	"11"
3512	(DB8)	X'C'	0	TSOJNEWS	"12"
3512	(DB8)	X'D'	0	FSSCKPT	"13"
3512	(DB8)	X'E'	0	GMSCKPT	"14"
3512	(DB8)	X'F'	0	JQEPTY0	"15"
3512	(DB8)	X'10'	0	JQEPTY1	"16"
3512	(DB8)	X'11'	0	JQEPTY2	"17"
3512	(DB8)	X'12'	0	JQEPTY3	"18"
3512	(DB8)	X'13'	0	JQEPTY4	"19"
3512	(DB8)	X'14'	0	JQEPTY5	"20"
3512	(DB8)	X'15'	0	JQEPTY6	"21"
3512	(DB8)	X'16'	0	JQEPTY7	"22"
3512	(DB8)	X'17'	0	JQEPTY8	"23"
3512	(DB8)	X'18'	0	JQEPTY9	"24"
3512	(DB8)	X'19'	0	JQEPTY10	"25"
3512	(DB8)	X'1A'	0	JQEPTY11	"26"
3512	(DB8)	X'1B'	0	JQEPTY12	"27"
3512	(DB8)	X'1C'	0	JQEPTY13	"28"
3512	(DB8)	X'1D'	0	JQEPTY14	"29"
3512	(DB8)	X'1E'	0	JQEPTY15	"30"
3512	(DB8)	X'1F'	0	ARNAMES	"31" NUMBER OF RESOURCES
	RESOURCE MANAGEMENT FUNCTION VALUES				
3512	(DB8)	X'0'	0	RSCNOWAT	"0" NO WAIT
3512	(DB8)	X'4'	0	RSCWAIT	"4" BUSY=WAIT
3512	(DB8)	X'8'	0	RSCNOFCT	"8" NO FCT
3512	(DB8)	X'C'	0	RSCFCT	"12" FCT
3512	(DB8)	X'10'	0	RSCTTEST	"16" TYPE=TEST
3512	(DB8)	X'14'	0	RSCTFCT	"20" TYPE=FCT
3512	(DB8)	X'18'	0	RSCTWAIT	"24" TYPE=TEST, BUSY=WAIT

Table 466. Structure IATYTVTX

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATYTVTX	IATYTVTX.27: Fixed TVT extension

Table 466. Structure IATYTVTX (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
JES3 MODULE ENTRY POINT IDENTIFIER 01 Change Activity: $SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0					
0	(0)	CHARACTER	8	TVTFID	MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM 0108
36	(24)	CHARACTER	20	TVTF_EYE_CATCHER	0108 0108
56	(38)	SIGNED	4	TVTFVERS	IATYTVTX.242: Current version of the control block
60	(3C)	ADDRESS	4	TVTTVTF	IATYTVTX.248: Pointer to the primary extension of the TVT
64	(40)	ADDRESS	4	TVTFCTVT	IATYTVTX.254: Pointer to the checkpointable extension of the TVT
68	(44)	SIGNED	4	TVTFLEN	IATYTVTX.260: Dynamic length of the TVT fixed extension
72	(48)	CHARACTER	94	DUMYCNDB	IATYTVTX.269: The CNDB for the DUMMY console
166	(A6)	SIGNED	2		IATYTVTX.97: Reserved for Developement
168	(A8)	ADDRESS	4	TVTXM702	IATYTVTX.275: Address of MVS WPL to WPX conversion routine (IEAVM702) - set by IATINIT
172	(AC)	ADDRESS	4	TVTXM703	IATYTVTX.281: Address of multi-line WTO text extraction routine (IEAVM703) - set by IATINIT
176	(B0)	ADDRESS	4	TVTXSST	IATYTVTX.287: Security Subtask comunication table, address is resolved by IATGRSS
180	(B4)	SIGNED	4	TVTXSSEV	IATYTVTX.293: Security Subtask initialization complete ECB
184	(B8)	ADDRESS	4	TVTXSSTB	IATYTVTX.299: Security Subtask TCB address
188	(BC)	ADDRESS	4	TVTXGSG	"V(GSGSTART)" IATYTVTX.305: Address of Generalized Subtask Global Data Area (GSG) - within module IATGRGS
192	(C0)	SIGNED	4	TVTXJXGT	IATYTVTX.19: JESXCF Group Token
196	(C4)	SIGNED	4	TVTXITRC	Pointer to the Internal Trace Table 0027 header 0027
AHED fields are defined as zeroed constants to ensure the storage for these fields is initially set to zeroes.					
200	(C8)	DBL WORD	8	TVTXAHED(0)	IATYTVTX.311: Stack head for automatic area stack
200	(C8)	SIGNED	4	AHED_SEQUENCE	IATYAHED.93: CDS Sequence number
204	(CC)	ADDRESS	4	AHED_ANCHOR	IATYAHED.99: Pointer to head of stack
208	(D0)	ADDRESS	4	AHED_TOTAL	IATYAHED.108: The total number of buffers allocated
212	(D4)	ADDRESS	4	AHED_FREE	IATYAHED.114: Number of free buffers
216	(D8)	ADDRESS	4	TVTXCS03	"V(IATCS03)" Pointer to the callable service that returns the type of console

Table 466. Structure IATYTVTX (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
220	(DC)	ADDRESS	4	TVTXCS06	"V(IATCS06)" Pointer to the callable service that converts destination class to route code mask
224	(E0)	ADDRESS	4	TVTXCS07	"V(IATCS07)" Pointer to the callable service that converts route code to route code mask
228	(E4)	ADDRESS	4	TVTXCS08	"V(IATCS08)" Pointer to the callable service that converts destination class to a route value
232	(E8)	ADDRESS	4	TVTXCS09	"V(IATCS09)" Pointer to the callable service that converts destination class (Mask displacement) to a route code mask
236	(EC)	ADDRESS	4	TVTXCS10	"V(IATCS10)" Pointer to the callable service that converts route code mask to a route code string
240	(F0)	ADDRESS	4	TVTXCS11	"V(IATCS11)" Pointer to the callable service that converts route code mask to a destination class string
244	(F4)	ADDRESS	4	TVTXCS12	"V(IATCS12)" Pointer to the callable service that selects a route code from a route code mask and converts it to a dest class
		Pointer to the RJP ALERTECB SRB routine which JESXCF schedules when an workstation has crossed the message threshold.			
248	(F8)	ADDRESS	4	TVTXRJPC	"V(RJPCALRT)"
		WLM Data Area address			
252	(FC)	ADDRESS	4	TVTXWLM	WLM Data Area address
		Address of the IATXWCLF service routine in IATWLCLF.			
256	(100)	ADDRESS	4	TVTXWCLF	"V(WLMCLSFY)"
		Address of the IATXWLM service routine in IATWLSRV.			
260	(104)	ADDRESS	4	TVTXWSRV	"V(WLMSERV)"
		Address of the IATXSRVC service routine in IATWLSCS.			
264	(108)	ADDRESS	4	TVTXSCSV	"V(SRVCSERV)"
		Address of the IATXDELY service routine in IATGRDLY.			
268	(10C)	ADDRESS	4	TVTXDELY	"V(JOBDELAY)"
		Address of the IATXGENF service routine in IATGRGPF			
272	(110)	ADDRESS	4	TVTXGENF	"V(GENFSERV)"
		Address of the General Purpose DSP dictionary entry.			
276	(114)	ADDRESS	4	TVTXGPDS	"V(GENERALP)"

Table 466. Structure IATYTVTX (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		Address of the WLM Job Select routine in IATMSWLC.			
280	(118)	ADDRESS	4	TVTXWSEL	"V(WLMSLECT)"
		Address of WLM Deselect routine in IATMSWLD.			
284	(11C)	ADDRESS	4	TVTXWDSL	"V(WLMDESEL)"
		Address of Job Spool Partition Check routine in IATDMTK.			
288	(120)	ADDRESS	4	TVTXJSPC	"V(DMTKJSPC)"
		Address of Class Limit Shadow initialization routine in IATMSCC.			
292	(124)	ADDRESS	4	TVTX_CLSHADIN	"V(MSCCCLSI)"
		Address of Class Limit Shadow re-initialization routine in IATMSCC.			
296	(128)	ADDRESS	4	TVTX_CLSHADRE	"V(MSCCCLSR)"
		Address of Class Limit Shadow update routine in IATMSCC.			
300	(12C)	ADDRESS	4	TVTX_CLSHADUP	"V(MSCCCLUP)"
		Address of Class Limit delay update routine in IATMSCC.			
304	(130)	ADDRESS	4	TVTX_CLSDLYUP	"V(MSCCDLYU)"
		Address of Class Constraint modify update routine in IATMSCC.			
308	(134)	ADDRESS	4	TVTX_CLSMODUP	"V(MSCCMODU)"
		Address of the IATXWCLF service routine in IATWLCLF.			
312	(138)	ADDRESS	4	TVTXSSCR	"V(SCHEDCR)"
		Address of local/CMS lock service routine in IATGRG1.			
316	(13C)	ADDRESS	4	TVTX_LCLCMSLK	"V(LCLCMSLK)"
		ATR chain address			
320	(140)	ADDRESS	4	TVTXATR	ATR chain address
320	(140)	X'1'	0	TVTF313	"1" IATYTVTX.143: Equate for HJS3313
320	(140)	X'2'	0	TVTF511	"2" IATYTVTX.152: Equate for HJS5511
324	(144)	ADDRESS	4	TVTX_MPUNITS(0)	Copies of MPUNITS
452	(1C4)	ADDRESS	4	TVTX_MPSETTRE(0)	Copies of MPSETTRE
		Address of subfunction parameter table entry for IATGRJPC. Only used on global.			

Table 466. Structure IATYTVTX (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
580	(244)	ADDRESS	4	TVTXGCTB	"V(TBEJPCST)"
		Address of subfunction parameter table entry for IATGRJPI. Only used on global.			
584	(248)	ADDRESS	4	TVTXGITB	"V(TBEJPIST)"
		Address of subfunction parameter table entry for IATGRJPN. Only used on global.			
588	(24C)	ADDRESS	4	TVTXGNTB	"V(TBEJPNST)"
		Address of subfunction parameter table entry for IATGRJPS. Only used on global.			
592	(250)	ADDRESS	4	TVTXGSTB	"V(TBEJPSST)"
		Address of subfunction parameter table entry for IATGRJPX. Only used on global.			
596	(254)	ADDRESS	4	TVTXGXTB	"V(TBEJPXST)"
		Address of get request from staging area routine. Only used on global.			
600	(258)	ADDRESS	4	TVTXGSRQ	"V(GETSAREQ)"
		Address of wildcard check service routine. Only used on global.			
604	(25C)	ADDRESS	4	TVTXGWCK	"V(WILDCHEK)"
		Address of wildcard get length service routine. Only used on global.			
608	(260)	ADDRESS	4	TVTXGWLN	"V(WILDLEN)"
		Address of get storage from staging area routine. Only used on global.			
612	(264)	ADDRESS	4	TVTXGGSM	"V(GETSSTGM)"
		Address of subfunction parameter table entry for IATGR83 JES Device Info. Only used on global.			
616	(268)	ADDRESS	4	TVTXJDTB	"V(TBEJDVST)"
		Address of IATGRPLX JESPlex System Information processing routine. Only used on the global.			
620	(26C)	ADDRESS	4	TVTXPLXI	"V(GRPLX)"
		Address of IATGR83C Console Information processing routine. Only used on the global.			
624	(270)	ADDRESS	4	TVTX83C	"V(GR83C)"
		Address of IATGR83D Reader Information processing routine. Only used on the global.			
628	(274)	ADDRESS	4	TVTX83D	"V(GR83D)"

Table 466. Structure IATYTVTX (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		Address of IATGR83N Network/Lines Information processing routine. Only used on the global.			
632	(278)	ADDRESS	4	TVTX83N	"V(GR83N)"
		Address of IATGR83P Printer/Punch Information processing routine. Only used on the global.			
636	(27C)	ADDRESS	4	TVTX83P	"V(GR83P)"
		Address of IATGR83R Remote Workstation Information processing routine. Only used on the global.			
640	(280)	ADDRESS	4	TVTX83R	"V(GR83R)"
		STT Copy Table pointer			
644	(284)	ADDRESS	4	TVTXSTTM	STT copy table - IATYSTTM
		Address of IATGRENF ENF services. Only used on global.			
648	(288)	ADDRESS	4	TVTXENF	"V(GRENF)"
		The following 3 fields: TVTXEWRK, TVTXECTL and TVTXEFRW must be contiguous since CDS logic is used to serialize access to the queue of IATGRENF work areas.			
656	(290)	DBL WORD	8	TVTXEWRK(0)	Queue of available work areas used by IATGRENF
656	(290)	SIGNED	4	TVTXECTL	Queue control word
660	(294)	ADDRESS	4	TVTXEFRW	Address of 1st free element
		Serially re-usable subtask work area used by IATGRENF's ENF70-signaling subtask.			
664	(298)	ADDRESS	4	TVTXE7SW	ENF70 subtask work area
		Address of IATGRJNF ENF 78 service. Only used on global.			
668	(29C)	ADDRESS	4	TVTXJNF	"V(GRJNF)"
672	(2A0)	ADDRESS	4	TVTXJFRW	Address of 1st available subtask work area used by IATGRJNF
676	(2A4)	SIGNED	4	TVTXJFCT	Diagnostic count for how many times a subtask work area was unavailable
		End of TVTX fields.			
676	(2A4)	X'2A8'	0	IATYTVTX_LEN	"*-IATYTVTX"

Table 467. Structure IATYTVTC

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATYTVTC	IATYTVTC.176: TVT Checkpointed extension
		JES3 MODULE ENTRY POINT IDENTIFIER 01 Change Activity: $SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0			

Table 467. Structure IATYTVTC (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	CHARACTER	8	TVTCID	MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM 0108
36	(24)	CHARACTER	28	TVTCEYE	0108 0108
64	(40)	SIGNED	4	TVTCVERS	IATYTVTC.27: Current version of the control block
68	(44)	ADDRESS	4	TVTTVTC	IATYTVTC.37: Pointer to the primary extension of the TVT
72	(48)	ADDRESS	4	TVTCFTVT	IATYTVTC.34: Pointer to the fixed extension of the TVT
76	(4C)	SIGNED	4	TVTCLEN	IATYTVTC.131: Dynamic length of the TVT fixed extension

```
 IATYCNDB_1:;
 START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  5647-A01 COPYRIGHT IBM CORP. 1989, 2010
  STATUS= HJS7770
  END_OF_PROPRIETARY_STATEMENT
    This data area is maintained as a CASE mapping macro.
    Changes should be made to the CASE source and then
    the PLX and Assembler should be regenerated.
    Do NOT make changes to the PLX or Assembler directly!
01 Descriptive Name: Console Destination Block
      Acronym: CNDB
01 Macro Name: IATYCNDB
01 DSECT name: IATYCNDB
       --based variable for storage mapping
01 Component: JES3 (SC1BA)
01 Function:
02 The console destination block is a control block that
      contains information related to the destination that
      messages should be sent to. This control block is built
      as commands are entered into to the system and is used by
      command processors as a destination for where to return
      messages to. The control block is imbeded in other
      control blocks and the size of the data area must not
      change (otherwise a JES3 cold start is required). The
      data is referenced by non-source maintained modules, so
      offsets into the data area must not change.
01 Eye-Catcher: CNDBEYE
02 Offset: 4
02 Length: 4
01 Language: PL/X
01 Storage attributes:
02 Allocation Method: Imbeded within other control blocks
02 Main Storage: 94
02 Virtual Storage: 94
02 Auxiliary Storage: 94
02 Subpool: n/a
02 Key: 1
02 Data Space: N/A
02 Residency: any
02 Frequency: n/a
02 Size: 94
02 Created by: n/a
02 Deleted by: n/a
02 Pointed to by: Imbeded within other control blocks
02 Serialization: none
```

Table 467. Structure IATYTVTC (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description

```
01 EXTERNAL CLASSIFICATION: DMTI
01 END OF EXTERNAL CLASSIFICATION:
01 Method Of access:
02 ASM: IATYCNDB
02 PLX: %INCLUDE SYSLIB(IATYCNDB)
01 CHANGE ACTIVITY:
    $QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support
    $RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init
    $T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0
     CASE/390 - VERSION 49
 END OF SPECIFICATIONS
```

80	(50)	SIGNED	4	TVTCNJEM(0)	IATYCNDB.27: based variable for storage mapping
80	(50)	SIGNED	4		Four byte console id 0176
84	(54)	CHARACTER	4		IATYCNDB eyecatcher
88	(58)	ADDRESS	4		IATYCNDB version
92	(5C)	BITSTRING	8		Reserved for development
100	(64)	BITSTRING	8		Console Name 0176
108	(6C)	BITSTRING	24		Reserved for development
132	(84)	SIGNED	2		Reserved for development
134	(86)	BITSTRING	40		Reserved for development class

```
IATYCNDB_1:;
```

176	(B0)	SIGNED	4	TVTCBDTM(0)	IATYCNDB.27: based variable for storage mapping
176	(B0)	SIGNED	4		Four byte console id 0176
180	(B4)	CHARACTER	4		IATYCNDB eyecatcher
184	(B8)	ADDRESS	4		IATYCNDB version
188	(BC)	BITSTRING	8		Reserved for development
196	(C4)	BITSTRING	8		Console Name 0176
204	(CC)	BITSTRING	24		Reserved for development
228	(E4)	SIGNED	2		Reserved for development
230	(E6)	BITSTRING	40		Reserved for development class
270	(10E)	CHARACTER	256	TVTCRD01	IATYTVTC.158: Reserved for Develop.
526	(20E)	CHARACTER	256	TVTCRD02	IATYTVTC.189: Reserved for Develop.
782	(30E)	CHARACTER	256	TVTCRD03	IATYTVTC.212: Reserved for Develop.
1038	(40E)	CHARACTER	256	TVTCRD04	IATYTVTC.147: Reserved for Develop.
1294	(50E)	CHARACTER	256	TVTCRS01	IATYTVTC.167: Reserved for Service.
1550	(60E)	CHARACTER	256	TVTCRS02	IATYTVTC.1: Reserved for Service.
1806	(70E)	CHARACTER	256	TVTCRS03	IATYTVTC.215: Reserved for Service.
2062	(80E)	CHARACTER	256	TVTCRS04	IATYTVTC.173: Reserved for Service.
2062	(80E)	X'1'	0	TVTC313	"1" IATYTVTC.203: Equate for HJS3313
2318	(90E)	X'90E'	0	IATYTVTC_LEN	"*-IATYTVTC"

Table 468. Structure MPCSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	MPCSTART	
0	(0)	SIGNED	4	MPNEXT	PTR TO NEXT MAINPROC TABLE

Table 468. Structure MPCSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
IATYCTC MAIN PROCESSOR CONTROL TABLE - CTC SECTION CHANGE ACTIVITY = $P0=J3XCF HJS5511 931020 PD0CC: SP5.1.1					
0	(0)	SIGNED	4	CTCSTART(0)	
0	(0)	SIGNED	4	CTCNEXT	PTR TO NEXT CONTROL BLOCK
4	(4)	CHARACTER	4	CTCID	CTC CNTL BLOCK ID
8	(8)	ADDRESS	4	CTCMSWA	Address of IATMSDR work area
12	(C)	ADDRESS	4	CTCIXIF	JESXCF Information on this main
The following fields are used to map the JES portion of the JESXCF user state field:					
12	(C)	X'4'	0	CTCJUFL1	"4" Offset to JES User state flag byte 1
Definition of CTCJUFL1:					
		1...		ACTMNRCN	"X'80'" All active mains have reconnected to the Global
		.1..		SYSAT522	"X'40'" System is at MVS SP522 or higher
Definition of CTCFLG1:					
16	(10)	BITSTRING	1	CTCFLG1	Flag Byte 1
		1...		CTCDSCRQ	"X'80'" Local Main disconnect has been requested (during DSI)
		.1..		CTCOGLBL	"X'40'" This MPC represents the Old Global
		..1.		CTCMCINT	"X'20'" IATMSDR has completed init for this main
17	(11)	BITSTRING	1	CTCFLG2	Reserved flag byte
18	(12)	BITSTRING	1	CTCFLG3	CTCFLG3 *MUST BE OILED*
		..1.		CTCRECN	"X'20'" Only connect-related JESXCF messages are being transported - this JES3 main is in the process of connecting to the global
19	(13)	BITSTRING	1	CTCFLG4	Reserved flag byte
20	(14)	SIGNED	4	CTCSSVT	Pointer to JES3 SSVT
24	(18)	SIGNED	2	CTCASID	JES3ASID
26	(1A)	SIGNED	2	CTCRSVDH	Reserved for Development
28	(1C)	SIGNED	4	CTCRSVD(2)	Reserved for Development
36	(24)	SIGNED	4	CTCRSVS1	Reserved for Service
40	(28)	SIGNED	4	CTCRSVS2	Reserved for Service
44	(2C)	SIGNED	4	CTCRSVU(2)	Reserved for User
52	(34)	SIGNED	4	MPCID(0)	MPC IDENTIFIER
IATYMPE INIT=&INIT MAINPROC CARD SECTION CHANGE ACTIVITY = $S1= z1.10.0 HJS7750 070523 PD0PK: z 1.10.0					
56	(38)	SIGNED	4	MPSTART(0)	
56	(38)	CHARACTER	8	MPNAME	- MAIN PROCESSOR NAME

Table 468. Structure MPCSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
64	(40)	CHARACTER	8	MPSELECT	- JOB SELECTION MODE NAME
		MPERSVD3, MPERSVD4, MPERSVD5, MMDRSV1, MMDRSV2, and MMDRSV3 contain residual values built during warm and cold starts of earlier JES3 releases. Do not use these fields until all releases below HJS7707 are out of service.			
72	(48)	CHARACTER	6	MPERSVD4	Reserved for IBM
78	(4E)	SIGNED	2	MPPGIO	- CSA PAGES FOR SPOOL BUFFERS
80	(50)	SIGNED	2	MPUSRPG	USER PAGES AS I/O BUFFERS 0418 AT INITIALIZATION
80	(50)	X'14'	0	MPUSRPMX	"20" Maximum number allowed
82	(52)	CHARACTER	5	MPERSVD5	Reserved for IBM
87	(57)	BITSTRING	1	MPSYSID	- SYSID OF MAIN
88	(58)	CHARACTER	2	MPSMFID	- SMF MACHINE ID
88	(58)	X'22'	0	MPELEN1A	"*-MPSTART" Size of MPE up to MPSYSTEM
90	(5A)	ADDRESS	1	MPSYSTEM	Main processor mode
		DEFINITION OF BITS IN MPSYSTEM			
		1...		MPSYSR80	"X'80'" Reserved for IBM
		.1..		MPACTIVE	"X'40'" - THIS IS THE ACTIVE SYSTEM
		..1.		MPSYSR20	"X'20'" Reserved for IBM
		...1		MPGLBL	"X'10'" - THIS IS THE GLOBAL SYSTEM
		.... 1...		MPLCL	"X'08'" - THIS IS A LOCAL SYSTEM
		.... .1..		MPSYSR04	"X'04'" Reserved for IBM
		.... ..1.		MPSYSR02	"X'02'" Reserved for IBM
		1		MPSYSR01	"X'01'" Reserved for IBM
90	(5A)	X'5B'	0	MPE1BST	"*" Start of MPE after MPSYSTEM
91	(5B)	BITSTRING	17	MPERSVD3	Reserved for IBM
108	(6C)	SIGNED	4	MP2640ID	IAT2640 message id
112	(70)	SIGNED	4	MPERSVD2	Reserved for development
116	(74)	SIGNED	4	MPJSCAN	NO. OF SELECT SCANS
116	(74)	X'40'	0	MPELEN1	"*-MPSTART" Size of MPE up to executable instructions
116	(74)	X'1D'	0	MPELEN1B	"*-MPE1BST" Size of MPE after MPSYSTEM and up to executable instructions
128	(80)	SIGNED	2	MPE2NDST(0)	START OF SECOND MPE SECTION
128	(80)	ADDRESS	4	MPSTUNXR	SETUNITS XREF TABLE
132	(84)	CHARACTER	8	MPSPNM	SPOOL PARTITION NAME
140	(8C)	SIGNED	2	MPSPNDX	SPOOL PARTITION INDEX
142	(8E)	ADDRESS	1	MPSTRKG1	PRIMARY TRKGRP ALLOCATION
143	(8F)	ADDRESS	1	MPSTRKG2	SECONDARY TRKGRP ALLOCATION
144	(90)	BITSTRING	1	MPSPSTAT	- MPSPSTAT SPOOL STATUS FLAG
		1...		MPSPIPL	"X'80'" SPOOL REQUIRES PROCESSOR IPL
145	(91)	BITSTRING	1	MPINFLG	- MPINFLG MPC INIT FLAG
146	(92)	SIGNED	2	MPAUXIO	NUMBER OF PBUF PGES IN JES3AUX
148	(94)	SIGNED	2	MPFIXIO	NUMBER OF PBUF PGES FIXED

Table 468. Structure MPCSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
150	(96)	SIGNED	2	MPERSVD1	RESERVED FOR DEVELOPMENT
152	(98)	BITSTRING	1	MPERSVS1	Reserved for Service
153	(99)	BITSTRING	1	MPCWTOCH	WTO limit change indicator
154	(9A)	SIGNED	2	MPCWTOIV	Time period for WTO limit
156	(9C)	SIGNED	4	MPCWTOLM	WTO limit for an address space (0 = No limit)
160	(A0)	SIGNED	2	MPERSVDS(2)	RESERVED FOR SERVICE
164	(A4)	SIGNED	2	MPCWTSIV	Specified WTO interval before TOD conversion
166	(A6)	SIGNED	2	MPERSVD6	Reserved for IBM
168	(A8)	SIGNED	4	MPERSVDD(18)	Reserved FOR IBM
240	(F0)	BITSTRING	1	MPEND(0)	- END OF MAINPROC CARD SECTION
240	(F0)	X'70'	0	MPELEN2	"*-MPE2NDST" Size of MPE after executable instructions
240	(F0)	BITSTRING	1	MPSIZE(0)	-SIZE OF MAINPROC CARD SECTION 15

```
IATYMPS INIT=&INIT
                MAIN PROCESSOR SELECT
$SH= REFMPC HJS7707 010807 PD0RF: z1.4.0
      SELECT CARD SECTION
```

240	(F0)	SIGNED	2	MSSTART(0)	
240	(F0)	SIGNED	2	MPMAXI	INITIATOR HIGH WATER MARK
242	(F2)	ADDRESS	1	MPSDEPTH	MAX JOBS IN SETUP
243	(F3)	ADDRESS	1	MPSBAR	SETUP PRIORITY BARRIER
244	(F4)	ADDRESS	1	MPMAGER	JOB AGING RATE ON MAIN
245	(F5)	ADDRESS	1	MPSAGER	JOB AGING RATE IN SETUP
246	(F6)	ADDRESS	1	MPMAGEL	JOB AGING LIMIT ON MAIN
247	(F7)	ADDRESS	1	MPSAGEL	JOB AGING LIMIT IN SETUP
248	(F8)	ADDRESS	1	MPSINCR	SETUP PRIORITY INCREMENT
249	(F9)	ADDRESS	1	MPSINCL	SETUP PRIORITY INCREMENT LIMIT
250	(FA)	ADDRESS	1	MPDPRTY	JES DISPATCHING PRIORITY
251	(FB)	BITSTRING	1	MPDSPLAY	MPDSPLAY MESSAGE DISPLAY OPTION
		1...		MPDISALL	"X'80'" DISPLAY ALL CONSOLE DIALOG
		.1..		MPDISIPL	"X'40'" DISPLAY ONLY IPL CONSOLE DIALOG
		..1.		MPDISIZE	"X'20'" DISPLAY REGION SIZE MESSAGES
		...1		MPDISMLG	"X'10'" DISPLAY ALL MESSAGES ONLY ON MLOG
252	(FC)	ADDRESS	1	MPCHLST	CHOICE LIST
		1...		MPBSTJOB	"X'80'" SCHEDULE THE BEST JOB (MIX AND FIT)
		.1..		MPBSTMIX	"X'40'" SCHEDULE THE JOB WITH THE BEST MIX
		..1.		MPBSTFIT	"X'20'" SCHEDULE THE JOB WITH THE BEST FIT
		.... 1...		MPFSTJOB	"X'08'" SCHEDULE THE FIRST JOB FOR THIS MAIN
		.... .1..		MPFSTMIX	"X'04'" SCHEDULE THE FIRST JOB THAT MIXES
		.... ..1.		MPFSTFIT	"X'02'" SCHEDULE THE FIRST JOB THAT FITS

Table 468. Structure MPCSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
253	(FD)	BITSTRING	1	MPSRSVD	Reserved for development
254	(FE)	SIGNED	2	MPLSTOR	DEFAULT LOGICAL STORAGE
256	(100)	SIGNED	2	MPSDEST	SAVE CONSOLE DEST
256	(100)	X'102'	0	MPJOBMIX	"*" TABLE OF IORATE MIXES BY DEPTH
258	(102)	ADDRESS	1	(3)	MIX FOR 1 JOB(LOW,HIGH,MED I/O)
261	(105)	ADDRESS	1	(3)	MIX FOR 2 JOBS
264	(108)	ADDRESS	1	(3)	MIX FOR 3 JOBS
267	(10B)	ADDRESS	1	(3)	MIX FOR 4 JOBS
270	(10E)	ADDRESS	1	(3)	MIX FOR 5 JOBS
273	(111)	ADDRESS	1	(3)	MIX FOR 6 JOBS
276	(114)	ADDRESS	1	(3)	MIX FOR 7 JOBS
279	(117)	ADDRESS	1	(3)	MIX FOR 8 JOBS
282	(11A)	ADDRESS	1	(3)	MIX FOR 9 JOBS
285	(11D)	ADDRESS	1	(3)	MIX FOR 10 JOBS
288	(120)	ADDRESS	1	(3)	MIX FOR 11 JOBS
291	(123)	ADDRESS	1	(3)	MIX FOR 12 JOBS
294	(126)	ADDRESS	1	(3)	MIX FOR 13 JOBS
297	(129)	ADDRESS	1	(3)	MIX FOR 14 JOBS
300	(12C)	ADDRESS	1	(3)	MIX FOR 15 JOBS
303	(12F)	BITSTRING	1	MPSRSVD1	Reserved for development
304	(130)	SIGNED	2	MSEND(0)	END OF SELECT CARD SECTION
304	(130)	BITSTRING	1	MSSIZE(0)	SIZE OF SELECT CARD SECTION

```
      GMS SECTION OF MAIN PROC TABLE
IATYMPER
      MAIN PROCESSOR ERROR RECOVERY FIELDS
CHANGE ACTIVITY =
      $QA= SYSOPER HJS5521 950217 PD1MG: SP 5.2.1
      GMS ERROR RECOVERY FIELDS
```

304	(130)	SIGNED	4	MPERSTA	- ADDR OF ACTIVE STAGING AREA
308	(134)	BITSTRING	1	MPERRFL1	- GMS ERROR FLAG 1
309	(135)	BITSTRING	1	MPERRFL2	GMS ERROR INDEX
310	(136)	BITSTRING	1	MPERRFL3	- GMS ERROR FLAG 3
311	(137)	BITSTRING	1	MPERRFL4	- GMS ERROR FLAG 4
312	(138)	BITSTRING	1	MPERRFL5	- GMS ERROR FLAG 5 0082
313	(139)	BITSTRING	3	MPERRRFD	- RESERVED FOR DEVELOPMENT 0082

```
      DEFINITION OF MPERRFL1
```

		1...		MSERRAC	"X'80'" - ERROR RECOVERY ACTIVE
		.1..		MSERRFA	"X'40'" FAILDSP RECOVERY ACTIVE

```
      DEFINITION OF MPERRFL3
ACTIVE MAIN POST AT TIME OF FAILURE
      DEFINITION OF MPERRFL4
ACTIVE JSQ POST AT TIME OF FAILURE
      DEFINITION OF MPERRFL5 0
      FOOTPRINT FLAG THROUGH GMS PROCESS IN IATMSMS 0
```

		1...		MSGMSUGS	"X'80'" - UPDATED GMS STATUS 0082
		.1..		MSGMSJMR	"X'40'" - JMR READ 0082
		..1.		MSGMSJDB	"X'20'" - JDAB READ 0082

Table 468. Structure MPCSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		...1		MSGMSSEL	"X'10'" - GMS JOB SELECT PROCESSING 0164
		QUEUES AND TABLE POINTERS			
316	(13C)	SIGNED	4	MPRQONMN	RQONMN CHAIN VS2-2
320	(140)	SIGNED	4	MPCSECT	MAIN CSECT PTR OR MAIN STAT
324	(144)	ADDRESS	4	MPCMDWEV	MDS FCT WLM Event (WEV) Queue
328	(148)	ADDRESS	4	MPCGMWEV	GMS FCT WLM Event (WEV) Queue
332	(14C)	ADDRESS	4	MPCWLWEV	WLM FCT WLM Event (WEV) Queue
336	(150)	SIGNED	4	MPCRSVD1	Reserved for development
340	(154)	SIGNED	4	MPSTAGE	ACTIVE STAGING AREA QUEUE HEAD POINTER
344	(158)	SIGNED	4	MPSTATL	ACTIVE STAGING AREA QUEUE TAIL POINTER
348	(15C)	SIGNED	4	MPMEMD	MEMDATA QUEUE
352	(160)	SIGNED	4	MPUNITS	POINTER TO SETUP TABLE
356	(164)	SIGNED	4	MPRSTRCD	ADR OF CONNECT RCD FOR GMS
360	(168)	SIGNED	4	MPMSMC	ADDR GMS UPDATE/CONNECT MOD
364	(16C)	SIGNED	4	MPMSJT	ADDR GMS JOB TERMINATION MOD 442
		GMS WORK AREAS			
368	(170)	BITSTRING	17	MPCRSVDE	Reserved for development
385	(181)	CHARACTER	7	MPCFMID(0)	FMID OF PROCESSOR
385	(181)	BITSTRING	3	MPCFMIDP	PREFIX OF FMID
388	(184)	BITSTRING	4	MPCFMIDR	REMAINDER OF FMID
392	(188)	SIGNED	2	MPNUNITS	NUMBER OF SETUNIT DEVICES
394	(18A)	SIGNED	2	MPMRESRV	RESERVED FOR DEVELOPMENT
396	(18C)	SIGNED	4	MPCHRDAT	Hot start with refresh date
400	(190)	SIGNED	4	MPCHRTIM	Hot start with refresh time
404	(194)	SIGNED	4	MPCCFDAT	*MODIFY,CONFIG date
408	(198)	SIGNED	4	MPCCFTIM	*MODIFY,CONFIG time
412	(19C)	ADDRESS	2	MPCLEVEL(0)	Product and service level combined
412	(19C)	ADDRESS	1	MPCPLEVL	Product level of this main
413	(19D)	ADDRESS	1	MPCSLEVL	Service level of this main
PCSDUMP IATYSDMP PRE=MPC Info needed for SDUMPX SDUMPX REMOTE information CHANGE-ACTIVITY = $S0= z1.7.0 HJS7720 030915 PD0JK: z 1.7.0 The following fields are needed for the global to dump the local's JES3, JES3 AUX, and JESXCF address spaces, and the data space for the JESXCF member, and the CADS.					
414	(19E)	BITSTRING	22	MPCSDUMP(0)	Info to dump storage of this processor from the global
414	(19E)	BITSTRING	6	MPCASIDL(0)	ASID list for SDUMP
414	(19E)	SIGNED	2	MPCJ3ID	JES3 ASID
416	(1A0)	SIGNED	2	MPCJ3XID	JES3 AUX ASID
418	(1A2)	SIGNED	2	MPCJXID	JESXCF ASID
420	(1A4)	BITSTRING	8	MPCSTDSM	STOKEN for JESXCF member's data space

Table 468. Structure MPCSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
428	(1AC)	BITSTRING	8	MPCSTCAD	CADS STOKEN
436	(1B4)	CHARACTER	24	MPCRSVD2	Reserved for development
460	(1CC)	SIGNED	4	MPMNFCT	POINTER TO MAIN MODULE FCT
464	(1D0)	SIGNED	4	MPEXRESC	PTR/EXECUTION RESOURCE TABLE
468	(1D4)	SIGNED	4	MPBRESC	FIRST BATCH RESOURCE GROUP
472	(1D8)	SIGNED	4	MPGPTRS(2)	GROUP SCAN POINTERS
480	(1E0)	SIGNED	4	MPCPSEQ	BCP product sequence number 17648TAA see ECVTPSEQ (IHAECVT) 17648TAA for description/format 17648TAA
484	(1E4)	SIGNED	4	MPCRSVD3(4)	Reserved for development 17648TAC
500	(1F4)	SIGNED	4	MPSYMT	PTR TO THE SYMBOL TABLE
504	(1F8)	DBL WORD	8	GMSWORK	GMS WORK AREA
512	(200)	SIGNED	4	MPCWORK1	GMS Work Area
516	(204)	SIGNED	4	MPMIFCT	MAINIO FCT POINTER
520	(208)	SIGNED	4	MPMIOFCT	I/O HANDLER FCT ADR
524	(20C)	ADDRESS	4	MPCMSWLE	Address of module IATMSWLE
528	(210)	SIGNED	8	MPINITID	INISH ID FOR THIS MAIN
		GMS COUNT FIELDS			
536	(218)	BITSTRING	8	MPCRSVD7	Reserved for development
544	(220)	SIGNED	2	MPWLMTOT	Total WLM jobs this main
546	(222)	CHARACTER	5	MPVSREAL	CURRENT LARGEST V=R BLOCK
551	(227)	CHARACTER	5	MPVSCUR	CURRENT AVAILABLE LSTOR
556	(22C)	SIGNED	2	MPMBINC	CURRENT AVAILABLE LSTOR
558	(22E)	SIGNED	2	MPSRSVS2	RESERVED FOR SERVICE
560	(230)	SIGNED	2	MPJSCNT	JOB SPAN COUNTER
562	(232)	SIGNED	2	MPSJSCNT	SETUP JOB SPAN COUNTER
564	(234)	SIGNED	2	MPAINIT	TOTAL STARTED INITS
566	(236)	SIGNED	2	MPDEEP	TOTAL JOBS ACTIVE THIS MAIN
568	(238)	SIGNED	2	MPJOBCNT(3)	IORATE COUNTERS (L-H-M)
574	(23E)	ADDRESS	1	MPSDEEP	CURRENT SETUP DEPTH ON MAIN
575	(23F)	BITSTRING	1	MPLIGRP	LAST INITIATOR GROUP SCANNED
576	(240)	BITSTRING	1	MPPRTY	CURR SELECT PRIORITY IN RESQ
577	(241)	BITSTRING	2	MPCRSVD8	Reserved for development
579	(243)	BITSTRING	1	MPBMIX	BEST I/O RATE FOR THIS SCAN
580	(244)	BITSTRING	1	MPFMIX	NEXT BEST I/O RATE THIS SCAN
581	(245)	BITSTRING	1	MPGMSECF	GMS ECF
		1...		MPGMSRST	"X'80'" 1 = PROCESS COMPLETE
		.1..		MPGMSCOM	"X'40'" 1 = GMS COMPLETE
582	(246)	SIGNED	2	MPSTSIZ	SIZE OF THE SYMBOL TABLE
584	(248)	SIGNED	4	MPSPTRS(0)	TABLE OF SCAN POINTERS
584	(248)	SIGNED	4	MPFJPTR	POINTER TO FIRST JOB
588	(24C)	SIGNED	4	MPFFPTR	POINTER TO FIRST FIT JOB
592	(250)	SIGNED	4	MPFMPTR	POINTER TO FIRST MIX JOB
596	(254)	SIGNED	4	MPBFPTR	POINTER TO BEST FIT JOB
600	(258)	SIGNED	4	MPBMPTR	POINTER TO BEST MIX JOB

Table 468. Structure MPCSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		MPBMVAL	"X'80'" BEST MIX PTR IS VALID -MUST BE JUST HIGH ORDER BIT
604	(25C)	SIGNED	4	MPBJPTR	POINTER TO BEST JOB
		1...		MPBJVAL	"X'80'" BEST JOB PTR IS VALID -MUST BE JUST HIGH ORDER BIT
604	(25C)	X'18'	0	MPSPTRSZ	"*-MPSPTRS" END OF TABLE
		MAIN SERVICE SAVE AREAS			
608	(260)	DBL WORD	8	MPIOWORK(2)	MAIN I/O SAVE AREA
624	(270)	SIGNED	4	MPGMSRSV	GMS RETURN ADDRESS SAVE AREA
628	(274)	SIGNED	4	MPGMSSAV(7)	GMS REG SAVE AREA
656	(290)	SIGNED	4	MPUSER(3)	RESERVED FOR USER
		MAIN PROCESSOR CONTROL PROGRAM INDEXES			
668	(29C)	ADDRESS	1	MPCPACT	ACTIVE CONTROL PGM
669	(29D)	ADDRESS	1	MPCPMDS	CTRL PROGRAM FOR MDS SCHED
670	(29E)	BITSTRING	1	MPCPNEW	NEW CTRL PGM IN SYS SWITCH
670	(29E)	X'0'	0	MPCPNONE	"0" NO CTRL PGM
670	(29E)	X'1'	0	MPCPMVT	"1" MVT CTRL PGM INDEX
670	(29E)	X'2'	0	MPCPVR1	"2" VS2 R1 CNTL PGM INDEX
670	(29E)	X'3'	0	MPCPVR2	"3" VS2 R2 CNTL PGM INDEX
		1111 1111		MPCPANY	"X'FF'" ANY CTRL PGM INDEX
671	(29F)	BITSTRING	1		ALIGNMENT SPACE
		Main scheduling mask instructions (built by IATINMPC)			
		MAIN SERVICE AWAIT ECFS			
684	(2AC)	SIGNED	4	(0)	ALIGNMENT
684	(2AC)	SIGNED	4	MPCRSVD9(2)	Reserved for development
692	(2B4)	ADDRESS	4	MPMBECF	ECF ADDRESS
696	(2B8)	BITSTRING	1	(3)	MUST BE ZERO
699	(2BB)	BITSTRING	1	MPMBECFM	ECF MASK
700	(2BC)	SIGNED	4		END OF LIST
704	(2C0)	ADDRESS	4	MPMNECF	
708	(2C4)	BITSTRING	1	(3)	MUST BE ZERO
711	(2C7)	BITSTRING	1	MPMNECFM	STANDARD MAIN FCT ECF MASK
712	(2C8)	ADDRESS	4	MPMIECF	
716	(2CC)	BITSTRING	1	(3)	MUST BE ZERO
719	(2CF)	ADDRESS	1	MPMIECFM	STANDARD MAINIO ECF MASK
719	(2CF)	X'8'	0	MPMIECFL	"*-MPMIECF" Length of ECF+MASK structure
720	(2D0)	ADDRESS	4	MPECFPT	
724	(2D4)	BITSTRING	1	(3)	MUST BE ZERO
727	(2D7)	BITSTRING	1	MPRSRVD1(3)	RESERVED FOR DEVELOPMENT
		MAIN SERVICE CONSOLE AND TIMER APPENDAGES CONSOLE MESSAGE APPENDAGE			

Table 468. Structure MPCSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
MPOPMSG OIL MPSTMIO,MPSCONS,REF=MPCSTART POST FOR OPER MSG					
AREURN RC=4 RETURN AND GET MSG QUEUED $TK= J3SCALE HJS77A0 130808 PD0PK: z 2.2.0					
ASYNCHRONOUS TIMER APPENDAGE					
MPTIME OIL MPLFLG,MPLTIME,REF=MPCSTART POST TIME EXPIRED					

Table 469. Cross Reference for IATYMPC

Name	Offset	Hex Tag
AASPMAP	6D4	
ABACKR	374	
ABENDAPG	378	
ABENDDCB	6D8	
ABLOCK	37C	
ACCTDFLT	C2C	94DF06B
ACLOSE	380	
ACONCONS	6E0	
ACONRS10	9D	10
ACONRS20	9D	20
ACONSBCB	98	
ACONSRMT	384	
ACONTIME	9D	0
ACTIVE_LIMIT	1C	FFFF
ACTLTRAP	388	
ACTMNRCN	C	80
ADEBLOCK	38C	
ADELETE	390	
ADEQ	394	
ADLTABLE	D0	
AENQ	394	394
AFDADD	398	
AFDDELET	39C	
AFDFIND	3A0	
AFGABNUM	B7C	0
AFGDLPST	BC1	80
AFGDMPOS	BC9	8
AFGDMPSA	BC9	4
AFGESTAE	BC9	80
AFGFLAG2	BBF	0
AFGFLAG5	BC1	0
AFGFSACT	BC9	20
AFGGMPF	BBF	80
AFGNOCPF	BBF	40

Table 469. Cross Reference for IATYMPC (continued)

Name	Offset	Hex Tag
AFGPJES3	BC9	40
AFGRS201	BBF	1
AFGRS202	BBF	2
AFGRS204	BBF	4
AFGRS208	BBF	8
AFGRS210	BBF	10
AFGRS220	BBF	20
AGETBUF	3A4	
AGETMAIN	84	
AHED_ANCHOR	CC	
AHED_FREE	D4	
AHED_SEQUENCE	C8	0
AHED_TOTAL	D0	
AIATINIT	31C	
AINTDATA	34	
AIOBFECF	BDA	FF
AIOBFUSE	B7E	0
AIOBMIN	B98	0
AIOFDLST	700	
AIOFDNEW	BC2	40
AIOFDPRY	C57	F0
AIOFDTOP	704	
AIOFLAG1	BC2	0
AIOFLAG2	BC3	0
AIOGETBF	BC2	20
AIOJQMSG	BC3	8
AIOMCMSG	BC3	2
AIOMNBUF	BC3	1
AIOMSOUT	BC3	4
AIONBUFS	B82	0
AIONOAWT	BC3	80
AIONOBFM	B84	0
AIONOBFN	95C	0
AIONOSPC	BC2	8
AIOPTJSM	BC3	10
AIORDWRT	BC2	80
AIORESPG	BC3	20
AIOSNGIO	BC2	4
ALLACC	1C	8
ALLOFF	1C	8
ALLON	1C	1
ALOAD	3B0	
ALOCATE	3B4	
ALWAYS	1C	F
ANALYZE	9F	10
ANJECHKS	CE4	

Table 469. Cross Reference for IATYMPC (continued)

Name	Offset	Hex Tag
ANJECNSQ	78	
ANJESRCH	CE0	
ANJETBL	CD4	
ANOTE	3B8	
AOPEN	3BC	
AOPEND	3C0	
APOINT	3C4	
APURGE	3C8	
APUTBUF	3CC	
APUTMAIN	88	
ARELEASE	3D4	
ARETNAD	44	
ARMODOFF	1C	0
ARMODON	1C	200
ARNAMES	DB8	1F
AR0	1C	0
AR1	1C	1
AR10	1C	A
AR11	1C	B
AR12	1C	C
AR13	1C	D
AR14	1C	E
AR15	1C	F
AR2	1C	2
AR3	1C	3
AR4	1C	4
AR5	1C	5
AR6	1C	6
AR7	1C	7
AR8	1C	8
AR9	1C	9
ASAVE	40	
ASPABND0	3D8	
ASPECB	38	
ASPTCB	728	
ASYSIOSP	6E8	
ATEST	394	394
ATIME	8C	
ATRACK	3E0	
AUXPTERM	BCA	80
AWAIT	228	80
AWAITEP	3C	
AWAITL	229	81
AWAITOFF	22A	50
AWAITOFL	22B	51
AWRITE	400	

Table 469. Cross Reference for IATYMPC (continued)

Name	Offset	Hex Tag
BORROW	1C	C
BUFSZ	97C	97E
CARRY	1C	3
CHARA	1C	C1
CHARCMMA	1C	6B
CHARF	1C	C6
CHARNINE	1C	F9
CHARZERO	1C	F0
CHENDAPG	408	
CHKPNT	DB8	4
CKPTAREA	730	
COLDSTRT	9F	80
CONCNJS	324	
CONCNVRT	404	
CONREVRT	418	
CONSAUTH	41C	
CONSUBPL	C59	0
CPUIPL	9F	4
CTCASID	18	0
CTCDSCRQ	10	80
CTCFLG1	10	0
CTCFLG2	11	0
CTCFLG3	12	0
CTCFLG4	13	0
CTCID	4	C3E3C360
CTCIXIF	C	
CTCJUFL1	C	4
CTCMCINT	10	20
CTCMSWA	8	
CTCNEXT	0	0
CTCOGLBL	10	40
CTCRECN	12	20
CTCRSVD	1C	0
CTCRSVDH	1A	0
CTCRSVS1	24	0
CTCRSVS2	28	0
CTCRSVU	2C	0
CTCSSVT	14	0
CTCSTART	0	
DCTRAPS	900	
DECF	BE0	0
DECFBTR	BE0	1
DECFDR	BE0	10
DECFER	BE0	20
DECFIO	BE0	80
DECFSEC	BE0	8

Table 469. Cross Reference for IATYMPC (continued)

Name	Offset	Hex Tag
DECFTX	BE0	40
DEQMSG	420	
DEVSCAN	424	
DJCACTIV	224	10
DJCCKFDB	AF8	0
DJCFREE	34C	
DJCPOST	224	40
DLOCOFF	678	
DLOCON	670	
DLQ	DB8	1
DMTAREQ	1F8	80
DMTARPLY	1F8	40
DMTKSTTR	348	
DNMCONVI	76C	0
DNMDISBL	76D	0
DNMENABL	76E	0
DNMISDRV	76F	0
DNMMAIN	770	0
DNMOUTPT	773	0
DNMPSTSC	771	0
DNMPURGE	774	0
DRDCB	73C	
DSIACTV	9F	8
DSIFCT	740	
DSPCMXSZ	1C	0
DSPCONVI	744	
DSPDIC	DC	
DSPDISBL	748	
DSPDMJA	75C	
DSPENABL	74C	
DSPFSSCT	764	
DSPIG	25C	
DSPISDRV	750	
DSPMAIN	754	
DSPNJESF	CEC	
DSPNJESN	CE8	
DSPOUTPT	760	
DSPPSTSC	758	
DSPRSCNT	924	0
DSPURGE	768	
DSQLOC	D8	
DSQLOCEP	674	
DUMYCNDB	48	
DYNALOC	BCD	80
DYNALRTY	428	
DYNCDD	BCD	20

Table 469. Cross Reference for IATYMPC (continued)

Name	Offset	Hex Tag
DYNDYNP	100	
DYNECF	BCD	0
DYNINIT	BCD	10
DYNRALOC	BCD	8
DYNSAMSK	BCD	E8
DYNUNAL	BCD	40
EFTOP	E0	
EQ	1C	8
EQUHOBOF	1C	FFFFFF
EQUHOBON	1C	0
FAILDSP	4C	
FCT	DB8	6
FCTACTIV	E4	
FCTLAST	1E4	
FCTTOP	30	
FDBALLIO	D	40
FDBASA	D	1
FDBBPTR	14	
FDBCHKPT	6	60
FDBCLOSE	7	10
FDBCSBTJ	8	4
FDBCSBTL	8	8
FDBCSBTR	8	20
FDBCSBTW	8	10
FDBDATA	0	
FDBDATCH	C	20
FDBDKFRR	6	90
FDBDSTAT	1A	40
FDBECF	7	80
FDBEND	C	8
FDBERCNT	11	
FDBERFLG	6	F0
FDBERROR	6	40
FDBFCTPM	6	1
FDBFDATA	C	40
FDBFLAGS	7	
FDBFLAG0	6	
FDBFLAG1	C	
FDBFLAG2	D	
FDBFLAG3	E	
FDBFLGR2	9	
FDBFLGR4	F	
FDBFREND	C	
FDBF0RS1	6	50
FDBF102	C	2
FDBINPUT	7	20

Table 469. Cross Reference for IATYMPC (continued)

Name	Offset	Hex Tag
FDBIOCNG	E	40
FDBIOCNT	10	
FDBIOERR	6	20
FDBIOIP	8	40
FDBJBTAT	6	2
FDBJBTER	6	70
FDBJBTEX	C	
FDBJBTL	1C	1C
FDBJBTXL	1C	10
FDBJIOER	1A	20
FDBJTBIT	1A	80
FDBJTEND	1C	
FDBJTERR	1A	2
FDBJTFLG	1A	
FDBJTOFL	1A	8
FDBJTRSV	1B	
FDBJTSPA	E	
FDBJTSPM	E	
FDBJTSPR	10	
FDBLOCAT	D	20
FDBLSTIO	D	80
FDBMAC	D	2
FDBMNTAT	7	40
FDBMODN2	18	
FDBMREND	20	
FDBMRFL	20	20
FDBMULT	7	8
FDBNDATA	D	10
FDBNOADR	4	
FDBNOPUT	6	8
FDBOCLSE	C	80
FDBODEOD	D	8
FDBOLD	6	4
FDBONSP	8	80
FDBOPEND	18	
FDBOPTCD	E	80
FDBPNTIN	C	1
FDBPOINT	C	4
FDBPRTY	6	
FDBRABDU	1A	4
FDBRECCT	C	
FDBRECN2	1A	
FDBRECOV	6	80
FDBRL	12	
FDBROTER	6	10
FDBRRERQ	1A	10

Table 469. Cross Reference for IATYMPC (continued)

Name	Offset	Hex Tag
FDBRSFLD	1E	
FDBRSVD1	A	
FDBSKIP	D	4
FDBSPADR	0	
FDBSPFL1	8	
FDBSPLIT	C	10
FDBSPMOD	0	
FDBSPNDX	18	
FDBSPREC	2	
FDBSREND	C	
FDBSRFL	C	C
FDBSRSV1	7	4
FDBSRSV2	7	1
FDBSTART	0	
FDBTAERR	6	30
FDBTMSTP	E	20
FDBVALID	14	
FDBWCHLK	7	2
FF	1C	FF
FINDJNUM	430	
FIRSTDEB	778	
FSSCKPT	DB8	D
GE	1C	B
GECFJOBN	BDB	8
GECFMCON	BDB	40
GECFMTRK	BDB	20
GECFSTAD	BDB	80
GETUNIT	434	
GMSCKPT	DB8	E
GMSFDB	B04	0
GMSWORK	1F8	0
GT	1C	2
HOMENODE	CCC	D5F14040
HOTSTRT	9F	20
IATGRVT	0	
IATXAMDV	438	
IATXCNS	320	
IATXCPYF	42C	
IATXCSS	27C	
IATXELA	43C	
IATXELD	440	
IATXELS	444	
IATXERCV	448	
IATXFRQ	494	
IATXGOSE	44C	
IATXIOX	450	

Table 469. Cross Reference for IATYMPC (continued)

Name	Offset	Hex Tag
IATXIWT	454	
IATXJDS	274	
IATXJET	278	
IATXOSBM	658	
IATXOSPC	65C	
IATXOSPM	2D8	
IATXOSSC	654	
IATXOSSO	660	
IATXOSWS	650	
IATXPOSE	460	
IATXPRMD	458	
IATXPRT	464	
IATXRABC	468	
IATXRABD	46C	
IATXRABP	470	
IATXRCVL	504	
IATXRELC	474	
IATXSCN1	478	
IATXSCN2	47C	
IATXSIO	23C	
IATXSMF	480	
IATXSPR	484	
IATXTRC	288	
IATYTVTC	0	
IATYTVTC_LEN	90E	90E
IATYTVTX	0	
IATYTVTX_LEN	2A4	2A8
ICT	DB8	9
INCNCMP	9D	40
INITCMP	9D	80
INITOPS	BDC	8
INREAL	1C	8
INTERCOM	48C	
INTK_SHARED_SUBPOOL	1C	9
IOEERROR	22D	80
IOENORML	22D	40
IOERRECF	22D	0
IOERRFCT	784	
IOETIMED	22D	20
IPLMASK	968	0
JCTRKFDB	B44	0
JDSADD	490	
JDSBENRY	270	
JDSGET	498	
JDSHOLD	49C	
JDSPOINT	4A0	

Table 469. Cross Reference for IATYMPC (continued)

Name	Offset	Hex Tag
JDSPUT	4A4	
JDSREL	4A8	
JESCKPNT	4B8	
JESCLOSE	4AC	
JESEXCP	4B4	
JESKEY	22C	0
JESMODLK	4C0	
JESMSG	4C4	
JESMSGRT	6F0	
JESOPEN	4C8	
JESPOOL	9C	0
JESREAD	4CC	
JESSNAP	4D0	
JESTAE	48	
JNADD	4DC	
JNCBCTL	DB8	2
JNCBHLD	4E0	
JNCBPOST	224	2
JNCBREL	4E4	
JNCBTOP	E8	
JNDEL	4E8	
JNGET	4EC	
JNUMR	4F0	
JOB_NUMBER_SHIFT	1C	10
JOBCLS	C00	D1E2F3C2
JOBFAIL	C5B	D9
JOBGRP	C08	D1E2F3C2
JOBNALOC	290	
JOBNRTN	294	
JOBNSET	298	
JOBPRTY	C5C	0
JOBSQSIZ	C5D	F0F0F0F3
JQEPTY0	DB8	F
JQEPTY1	DB8	10
JQEPTY10	DB8	19
JQEPTY11	DB8	1A
JQEPTY12	DB8	1B
JQEPTY13	DB8	1C
JQEPTY14	DB8	1D
JQEPTY15	DB8	1E
JQEPTY2	DB8	11
JQEPTY3	DB8	12
JQEPTY4	DB8	13
JQEPTY5	DB8	14
JQEPTY6	DB8	15
JQEPTY7	DB8	16

Table 469. Cross Reference for IATYMPC (continued)

Name	Offset	Hex Tag
JQEPTY8	DB8	17
JQEPTY9	DB8	18
JSERV	4F4	
JSSACTIV	BC5	40
JSSCHKPT	BC5	20
JSSDADR	4F8	
JSSDUCHG	BC4	40
JSSEFADD	BC4	4
JSSFCT	EC	
JSSFLG1	BC4	0
JSSFLG2	BC5	0
JSSFSTIM	BC5	80
JSSGPOST	BC4	80
JSSMCGAV	BC4	8
JSSOSWEF	BC4	20
JSSPRELH	BC4	10
JSSPROCN	BC4	2
JSSRETRN	29C	
JSSRQTMR	BC4	1
JSSSTART	BC5	10
JSSTPOST	BC7	0
JSSWORKQ	BC5	8
J3AUXTRC	1C	F018
J3MAXMP	1C	20
J3NUCTRC	1C	30000
J3TRCMAX	1C	3FF
J3TRCSZ	1C	21000
LCLJNEWS	DB8	A
LE	1C	D
LENTHINV	1C	1
LNZERO	1C	5
LOCKED	1C	4
LOGIN	4FC	
LOGOUT	500	
LT	1C	4
LVRATPST	BE3	4
LVRRSPST	BE3	2
LVRRSV10	BE3	10
LVRRSV20	BE3	20
LVRRSV40	BE3	40
LVRRSV80	BE3	80
LVRSAPST	BE3	1
LZERO	1C	A
MAINACT	F0	
MAINDATA	F4	
MAX_OSE_OLD_DYNAL	1C	FFF0

Table 469. Cross Reference for IATYMPC (continued)

Name	Offset	Hex Tag
MAX_OSE_SEQ	1C	FFFFFF
MAX_OSE_SEQ_DYNAL	1C	FFFF80
MAX_SRF_SEQ	1C	FFFF
MAXIMUM_COMPATIBLE_JOB	1C	FFFE
MAXIMUM_JOB_NUMBER_ALLOWED	1C	F423F
MAXIMUM_JOB_NUMBER_MASK	1C	FFFF
MAXIMUM_JOBS_IN_DJC_NET	1C	7FFF
MCLASS	F8	
MDSPARM	FC	
MESSAGE	90	
MGROUP	104	
MINUS	1C	4
MIXED	1C	4
MLBCB	108	
MNTRKFDB	B10	0
MOVEDATA	50C	
MPACTIVE	5A	40
MPAINIT	234	0
MPAUXIO	92	0
MPBFPTR	254	0
MPBJPTR	25C	0
MPBJVAL	25C	80
MPBMIX	243	0
MPBMPTR	258	0
MPBMVAL	258	80
MPBRESC	1D4	0
MPBSTFIT	FC	20
MPBSTJOB	FC	80
MPBSTMIX	FC	40
MPCASIDL	19E	
MPCCFDAT	194	0
MPCCFTIM	198	0
MPCFMID	181	
MPCFMIDP	181	0
MPCFMIDR	184	0
MPCGMWEV	148	
MPCHLST	FC	
MPCHRDAT	18C	0
MPCHRTIM	190	0
MPCID	34	D4D7C340
MPCJXID	1A2	0
MPCJ3ID	19E	0
MPCJ3XID	1A0	0
MPCLEVEL	19C	
MPCMDWEV	144	
MPCMSWLE	20C	

Table 469. Cross Reference for IATYMPC (continued)

Name	Offset	Hex Tag
MPCPACT	29C	
MPCPANY	29E	FF
MPCPLEVL	19C	
MPCPMDS	29D	
MPCPMVT	29E	1
MPCPNEW	29E	0
MPCPNONE	29E	0
MPCPSEQ	1E0	0
MPCPVR1	29E	2
MPCPVR2	29E	3
MPCRSVDE	170	0
MPCRSVD1	150	0
MPCRSVD2	1B4	F0F04040
MPCRSVD3	1E4	0
MPCRSVD7	218	0
MPCRSVD8	241	0
MPCRSVD9	2AC	0
MPCSDUMP	19E	
MPCSECT	140	0
MPCSLEVL	19D	
MPCSTART	0	
MPCSTCAD	1AC	
MPCSTDSM	1A4	
MPCWLWEV	14C	
MPCWORK1	200	0
MPCWTOCH	99	0
MPCWTOIV	9A	A
MPCWTOLM	9C	0
MPCWTSIV	A4	A
MPDEEP	236	0
MPDISALL	FB	80
MPDISIPL	FB	40
MPDISIZE	FB	20
MPDISMLG	FB	10
MPDPRTY	FA	
MPDSPLAY	FB	0
MPECFPT	2D0	
MPELEN1	74	40
MPELEN1A	58	22
MPELEN1B	74	1D
MPELEN2	F0	70
MPEND	F0	
MPERRFL1	134	0
MPERRFL2	135	0
MPERRFL3	136	0
MPERRFL4	137	0

Table 469. Cross Reference for IATYMPC (continued)

Name	Offset	Hex Tag
MPERRFL5	138	0
MPERRRFD	139	0
MPERSTA	130	0
MPERSVDD	A8	0
MPERSVDS	A0	0
MPERSVD1	96	0
MPERSVD2	70	0
MPERSVD3	5B	0
MPERSVD4	48	
MPERSVD5	52	
MPERSVD6	A6	0
MPERSVS1	98	0
MPEXRESC	1D0	0
MPE1BST	5A	5B
MPE2NDST	80	
MPFFPTR	24C	0
MPFIXIO	94	5
MPFJPTR	248	0
MPFMIX	244	0
MPFMPTR	250	0
MPFSTFIT	FC	2
MPFSTJOB	FC	8
MPFSTMIX	FC	4
MPGLBL	5A	10
MPGMSCOM	245	40
MPGMSECF	245	0
MPGMSRST	245	80
MPGMSRSV	270	0
MPGMSSAV	274	0
MPGPTRS	1D8	0
MPINFLG	91	0
MPINITID	210	0
MPIOWORK	260	0
MPJOBCNT	238	0
MPJOBMIX	100	102
MPJSCAN	74	0
MPJSCNT	230	0
MPLCL	5A	8
MPLIGRP	23F	0
MPLSTOR	FE	2EE0
MPMAGEL	F6	
MPMAGER	F4	
MPMAXI	F0	0
MPMBECF	2B4	
MPMBECFM	2BB	FF
MPMBINC	22C	0

Table 469. Cross Reference for IATYMPC (continued)

Name	Offset	Hex Tag
MPMEMD	15C	0
MPMIECF	2C8	
MPMIECFL	2CF	8
MPMIECFM	2CF	
MPMIFCT	204	0
MPMIOFCT	208	0
MPMNECF	2C0	
MPMNECFM	2C7	FF
MPMNFCT	1CC	0
MPMRESRV	18A	0
MPMSJT	16C	0
MPMSMC	168	0
MPNAME	38	40404040
MPNEXT	0	0
MPNUNITS	188	0
MPPGIO	4E	0
MPPRTY	240	0
MPRQONMN	13C	0
MPRSRVD1	2D7	0
MPRSTRCD	164	0
MPSAGEL	F7	
MPSAGER	F5	
MPSBAR	F3	
MPSDEEP	23E	
MPSDEPTH	F2	
MPSDEST	100	0
MPSELECT	40	40404040
MPSINCL	F9	
MPSINCR	F8	
MPSIZE	F0	
MPSJSCNT	232	0
MPSMFID	58	F0F0
MPSPIPL	90	80
MPSPNDX	8C	0
MPSPNM	84	40404040
MPSPSTAT	90	0
MPSPTRS	248	
MPSPTRSZ	25C	18
MPSRSVD	FD	0
MPSRSVD1	12F	0
MPSRSVS2	22E	0
MPSTAGE	154	0
MPSTART	38	
MPSTATL	158	0
MPSTRKG1	8E	
MPSTRKG2	8F	

Table 469. Cross Reference for IATYMPC (continued)

Name	Offset	Hex Tag
MPSTSIZ	246	0
MPSTUNXR	80	
MPSYMT	1F4	0
MPSYSID	57	0
MPSYSR01	5A	1
MPSYSR02	5A	2
MPSYSR04	5A	4
MPSYSR20	5A	20
MPSYSR80	5A	80
MPSYSTEM	5A	
MPUNITS	160	0
MPUSER	290	0
MPUSRPG	50	4
MPUSRPMX	50	14
MPVSCUR	227	F0F0F0F0
MPVSREAL	222	F0F0F0F0
MPWLMTOT	220	0
MP2640ID	6C	0
MSEND	130	
MSERRAC	139	80
MSERRFA	139	40
MSGCECF	BDB	0
MSGMSJDB	139	20
MSGMSJMR	139	40
MSGMSSEL	139	10
MSGMSUGS	139	80
MSSACT	BCC	80
MSSDEPTH	BCC	20
MSSIZE	130	
MSSJOB	BCC	40
MSSTART	F0	
NALLACC	1C	7
NALLOFF	1C	5
NALLON	1C	C
NCBTAADD	510	
NCBTAFND	514	
NCBTAGET	518	
NCBTAPUT	51C	
NCBTAREL	520	
NCKADD	524	
NCKDEL	528	
NCKLOCK	1E8	0
NCKLOCKD	50C	80
NE	1C	7
NJPNAME	C10	40404040
NMINUS	1C	B

Table 469. Cross Reference for IATYMPC (continued)

Name	Offset	Hex Tag
NNOACCSS	1C	D
NOACCESS	1C	2
NOBORROW	1C	3
NOCARRY	1C	C
NOP	1C	0
NOTIREAL	1C	7
NOV	1C	E
NPAGPRTD	1C	B
NPLUS	1C	D
NTRANSNA	1C	E
NZBORROW	1C	4
NZCARRY	1C	1
NZERO	1C	7
NZNBOROW	1C	1
NZNCARRY	1C	4
OSEFLAGS	BDC	0
OSEOUTPT	BDC	40
OSERQWS	BDC	4
OSETIMER	BDC	20
OSEWTRS	BDC	10
OSEWTRSL	BDC	2
OSGRJGET	330	
OSGRJPUT	334	
OSGRJREL	338	
OSSRQTOP	7F4	
OSSWAIT	7F8	
OSWSQUE	87C	
OV	1C	1
PAFCTBTM	110	
PAFCTTOP	114	
PAGPRTD	1C	4
PAGTBINV	1C	2
PLO_CL	1C	0
PLO_CLG	1C	1
PLO_CLGR	1C	2
PLO_CLX	1C	3
PLO_CS	1C	4
PLO_CSDST	1C	10
PLO_CSDSTG	1C	11
PLO_CSDSTGR	1C	12
PLO_CSDSTX	1C	13
PLO_CSG	1C	5
PLO_CSGR	1C	6
PLO_CSST	1C	C
PLO_CSSTG	1C	D
PLO_CSSTGR	1C	E

Table 469. Cross Reference for IATYMPC (continued)

Name	Offset	Hex Tag
PLO_CSSTX	1C	F
PLO_CSTST	1C	14
PLO_CSTSTG	1C	15
PLO_CSTSTGR	1C	16
PLO_CSTSTX	1C	17
PLO_CSX	1C	7
PLO_DCS	1C	8
PLO_DCSG	1C	9
PLO_DCSGR	1C	A
PLO_DCSX	1C	B
PLUS	1C	2
POSTSRS	52C	
PRO	DB8	7
PRTAB	120	
PUNTAB	124	
PURCHAIN	530	
PUTUNIT	534	
RCLOSE	538	
RESTABLE	128	
RJPASYNQ	800	
RJPCPOST	9D	8
RJPCTIME	9D	4
RJPECB	804	
RJPECF	804	0
RJPECFAB	805	20
RJPECFCE	805	80
RJPECFCN	805	4
RJPECFLL	805	2
RJPECFOP	805	10
RJPECFST	805	8
RJPECFTM	805	40
RJPIO	554	
RJPJNEWS	DB8	B
RJPLDCTQ	808	
RJPRTERM	A8	
RJPSNAP	558	
RJPSNPFL	231	0
RJPTAB	A0	
ROPEN	55C	
RQ	DB8	0
RQBTM	174	
RQDTOP	178	
RQTAADD	564	
RQTADEL	568	
RQTAPUT	56C	
RQTOP	17C	

Table 469. Cross Reference for IATYMPC (continued)

Name	Offset	Hex Tag
RQWTRTOP	80C	
RSCFCT	DB8	C
RSCNOFCT	DB8	8
RSCNOWAT	DB8	0
RSCTFCT	DB8	14
RSCTTEST	DB8	10
RSCTWAIT	DB8	18
RSCWAIT	DB8	4
R0	1C	0
R1	1C	1
R10	1C	A
R11	1C	B
R12	1C	C
R13	1C	D
R14	1C	E
R15	1C	F
R2	1C	2
R3	1C	3
R4	1C	4
R5	1C	5
R6	1C	6
R7	1C	7
R8	1C	8
R9	1C	9
SAFEXTSP	1C	F0
SAFMSGSP	1C	F0
SCTAB	180	
SECTKNLN	1C	50
SEGTBINV	1C	4
SETNAMES	184	
SIZEBUF	97C	0
SMFDYFCT	225	1
SMFPOST	225	80
SMFRCUR	225	2
SMRFDB	B2C	0
SNAPDCBA	810	
SNARMVCB	DB8	8
SNLKDEC	2EC	4
SNLKERR	2EC	0
SNLKINC	2EC	0
SNLKINNC	2EC	8
SNLKNORM	2EC	0
SNSTCM	2F4	10
SNSTERR	2F4	0
SNSTFCB	2F4	8
SNSTNORM	2F4	0

Table 469. Cross Reference for IATYMPC (continued)

Name	Offset	Hex Tag
SNSTOFF	2F4	4
SNSTON	2F4	0
SNSTONTQ	2F4	4
SNSTQ	2F4	40
SNSTQI	2F4	80
SNSTRQ	2F4	20
SNSTTEST	2F4	8
SNSTTNCH	2F4	C
SPECIAL_JOB_XFFFF	1C	FFFF
SPINOFF	578	
SPINPOST	BDC	80
SPORQTOP	814	
SRJPACT	168	16B
SRJPACTM	168	80
SRJPBCB	168	40
SRJPCSFL	168	0
SRJPECF	168	168
SRJPFLG	168	16B
SRJPISEC	168	2
SRJPNDRA	300	
SRJPPOP	168	10
SRJPRCB	168	20
SRJPRJS	168	80
SRJPRSET	8DC	
SRJPRSRB	8CC	
SRJPRSVS	168	4
SRJPRTRM	A4	
SRJPSCTR	160	0
SRJPSNDA	8E4	
SRJPSNDC	314	
SRJPSNDD	318	
SRJPSNDE	8D8	
SRJPSNDF	8E0	
SRJPSNDG	308	
SRJPSNDM	30C	
SRJPSNDN	2F8	
SRJPSNDO	310	
SRJPSNDP	8D0	
SRJPSNDR	8C8	
SRJPSNDS	8D4	
SRJPSNDT	304	
SRJPSNDU	8C4	
SRJPSNDV	2FC	
SRJPSNFI	AE0	
SRJPSNFO	AE4	
SRJPSNFS	2F0	

Table 469. Cross Reference for IATYMPC (continued)

Name	Offset	Hex Tag
SRJPSNJP	ADC	
SRJPSNLK	2EC	
SRJPSNLM	AF0	
SRJPSNPI	AE8	
SRJPSNPO	AEC	
SRJPSNSG	AD8	
SRJPSNST	2F4	
SRJPSQAN	164	0
SRJPSRT	134	
SRJPSTQ	160	
SRJPWKQ	168	8
STEPCHK	C61	D5
SUPUNITS	188	
SYSAT522	C	40
SYSTAB	18C	
SYSUNIT	DB8	3
SYSUNITS	190	
TATFLAGS	BC6	0
TATGMSSP	BC6	20
TATMINQ	BC6	80
TATMRGQ	BC6	40
TATUPDWR	328	
TATUPDWX	344	
TCKFDB	B70	0
TDBGCLSS	C62	C1
TESTSRS	410	
TIDSNT	820	
TIHWST	824	
TIPARMS	828	
TKNMAPLN	1C	50
TODMSG	4D4	
TPROCCHN	82C	
TRANSNA	1C	1
TSOJNEWS	DB8	C
TVABNGET	2A4	
TVDSIECF	230	0
TVINITID	930	0
TVJCTREL	5E8	
TVONLFDB	B38	0
TVRSTFLG	9F	0
TVTABLE	0	0
TVTABMN	2A8	
TVTABMNE	878	
TVTABNOF	3D8	80
TVTADMSK	C78	FFFFFF
TVTADSLM	CF8	0

Table 469. Cross Reference for IATYMPC (continued)

Name	Offset	Hex Tag
TVTALETA	CB0	
TVTANYJS	BCB	4
TVTANYRL	BCB	2
TVTASPC	BA5	20
TVTASPE	BA5	80
TVTASPW	BA5	40
TVTATCB	8C0	
TVTATDCI	994	0
TVTATE	BEE	80
TVTATFLG	BEE	0
TVTATRCA	7E8	
TVTAUTOR	BF5	20
TVTAUXT	8B4	
TVTAXWC	9F0	
TVTBALJ	19C	
TVTBALST	170	
TVTBCMD	DA4	80
TVTBCMDQ	DA4	40
TVTBCOMM	D2C	
TVTBDCDA	D28	
TVTBDUMY	D90	
TVTBECF	DA4	0
TVTBECFN	DA5	0
TVTBECFS	DA6	0
TVTBEND	DA5	4
TVTBFLG1	D8E	0
TVTBJCRQ	DA4	10
TVTBLANK	C9C	40404040
TVTBMSK	DA4	F0
TVTBNFG	D8E	80
TVTBNJET	DA5	80
TVTBNMSK	DA5	E4
TVTBONMR	DA5	40
TVTBOTH	BCB	1
TVTBREC	D98	
TVTBRECC	DA5	20
TVTBRSV1	DA4	20
TVTBSCT	D94	
TVTBSMSK	DA6	C0
TVTBSSA	DA6	80
TVTBSSIR	DA6	40
TVTBSZDT	9B4	0
TVTBTJDS	CA4	A
TVTBTJST	CA4	2
TVTBTR	790	
TVTCALNT	12C	

Table 469. Cross Reference for IATYMPC (continued)

Name	Offset	Hex Tag
TVTCANB	BC0	80
TVTCANC	BC0	8
TVTCANL	BC0	2
TVTCANP	BC0	20
TVTCBCLS	BD2	80
TVTCBDTM	B0	
TVTCBJOB	BD2	40
TVTCDCLS	BD2	20
TVTCDECF	BFC	0
TVTCDJOB	BD2	10
TVTCDSI	230	40
TVTCECF	BE7	0
TVTCEYE	24	E3E5E340
TVTCFATF	BE1	10
TVTCFCNT	94C	0
TVTCFDAT	944	0
TVTCFINF	944	
TVTCFR01	BD2	1
TVTCFR02	BD2	2
TVTCFR04	BD2	4
TVTCFR08	BD2	8
TVTCFTIM	948	0
TVTCFTVT	48	
TVTCIATC	BE1	80
TVTCICNT	998	99A
TVTCID	0	C9C1E3E8
TVTCIECB	988	0
TVTCIECF	BE1	0
TVTCIFLG	BD2	0
TVTCIFSS	BD8	40
TVTCIJSS	BC5	1
TVTCIR01	BE1	1
TVTCIR02	BE1	2
TVTCIR04	BE1	4
TVTCIR08	BE1	8
TVTCISBW	988	80
TVTCISCH	5DC	
TVTCITCB	818	
TVTCKFCT	830	
TVTCKMSG	834	
TVTCLEN	4C	
TVTCLREG	CB0	CB0
TVTCL012	4B0	
TVTCNJEM	50	
TVTCNMLW	80	
TVTCNSAP	BFC	80

Table 469. Cross Reference for IATYMPC (continued)

Name	Offset	Hex Tag
TVTCNTOR	634	
TVTCONSR	384	80
TVTCPBCH	1D8	
TVTCPBEN	1DC	
TVTCPUID	9B8	0
TVTCRD01	10E	
TVTCRD02	20E	
TVTCRD03	30E	
TVTCRD04	40E	
TVTCRS01	50E	
TVTCRS02	60E	
TVTCRS03	70E	
TVTCRS04	80E	
TVTCSBTR	358	
TVTCSBTU	354	
TVTCSCP	CAC	
TVTCSF	74	
TVTCTVT	68	
TVTCVERS	40	
TVTC313	80E	1
TVTDATFS	B8A	0
TVTDATQ	1A0	
TVTDATSZ	9BC	0
TVTDCNDB	89C	
TVTDDINB	CF5	40
TVTDELET	390	80
TVTDFCB	1A4	
TVTDHWS	BCC	4
TVTDISK	5F0	
TVTDJFLG	BF3	0
TVTDJOCT	BFD	0
TVTDJRST	BF3	80
TVTDLMSK	AD4	0
TVTDMCDE	71C	
TVTDMCPG	ABA	0
TVTDMCQ	1A0	1A0
TVTDMCSZ	AB8	0
TVTDMDK	23C	23C
TVTDMPB	BC0	40
TVTDMPC	BC0	4
TVTDMPL	BC0	1
TVTDMPLN	964	6000
TVTDMPP	BC0	10
TVTDMSAV	9C0	0
TVTDMTRC	9D0	0
TVTDOTLM	A2A	0

Table 469. Cross Reference for IATYMPC (continued)

Name	Offset	Hex Tag
TVTDOTPR	A28	0
TVTDPJBN	BF4	20
TVTDPJEN	BC5	2
TVTDPLGN	BF4	4
TVTDRCR	BED	0
TVTDRCRC	BCE	80
TVTDRDN	BEC	2
TVTDRDR	BEC	40
TVTDRECF	BEC	0
TVTDRFLG	768	80
TVTDRTN	BEC	4
TVTDRTR	BEC	80
TVTDSFDB	710	0
TVTDSIBK	BD0	10
TVTDSIOK	BD0	2
TVTDSI01	BA4	1
TVTDSI02	BA4	2
TVTDSI04	BA4	4
TVTDSI08	BA4	8
TVTDSI10	BA4	10
TVTDSI20	BA4	20
TVTDSI40	BA4	40
TVTDSPIQ	2E0	
TVTDSPMO	2E4	
TVTDSP00	638	
TVTDSSCH	5E0	
TVTDYCLU	BE2	8
TVTDYNL	BCE	0
TVTDYSCR	B9A	0
TVTEASID	D18	40404040
TVTENCTL	B0	0
TVTEND	DB8	
TVTENFRW	B4	
TVTENST	BEF	20
TVTENWRK	B0	
TVTEPCST	374	
TVTEPE	6D4	
TVTEPS	374	
TVTEPST	234	
TVTERRQ	240	
TVTERRWK	244	
TVTESTE6	BB0	0
TVTESTFL	BAF	0
TVTESTSZ	BB4	2000
TVTEST00	BB4	0
TVTEUDTA	70C	

Table 469. Cross Reference for IATYMPC (continued)

Name	Offset	Hex Tag
TVTEXREL	79C	
TVTF_EYE_CATCHER	24	E3E5E340
TVTFCTVT	40	
TVTFDCTA	6F8	
TVTFDMAX	BAA	0
TVTFDUSE	BA8	0
TVTFETCH	BCB	80
TVTFID	0	C9C1E3E8
TVTFLAG1	BEF	0
TVTFLAG2	BF5	0
TVTFLEN	44	
TVTFREND	D0	
TVTFSAID	BD6	
TVTFSASK	BC9	1
TVTFSCIU	BE1	20
TVTFSECB	C28	0
TVTFSEPL	618	24
TVTFSEPN	618	
TVTFSEPS	5F4	
TVTFSFCT	77C	
TVTFSFG1	BC9	4
TVTFSFG2	BCA	0
TVTFSFLG	BD8	0
TVTFSID	BD4	
TVTFSL	874	
TVTFSLG	1EC	
TVTFSLGA	838	80000000
TVTFSLOG	838	80
TVTFSMSE	D18	D1C
TVTFSMSG	D05	
TVTFSMSL	D04	
TVTFSMSS	D04	D05
TVTFSNDP	BC9	2
TVTFSRC	1F0	
TVTFSS	1A8	
TVTFSSAB	600	
TVTFSSAD	BD8	80
TVTFSSAM	608	
TVTFSSAR	614	
TVTFSSCK	5FC	
TVTFSSCL	604	
TVTFSSCM	BFC	40
TVTFSSFD	B60	0
TVTFSSFP	60C	
TVTFSSFS	5F8	
TVTFSSID	BD4	

Table 469. Cross Reference for IATYMPC (continued)

Name	Offset	Hex Tag
TVTFSSIN	C1C	40404040
TVTFSSNM	D09	40404040
TVTFSSRS	610	
TVTFSSST	5F4	
TVTFSSTA	BFC	20
TVTFSUFD	BC9	10
TVTFSWA	83C	80000000
TVTFSWRK	83C	80
TVTFTVT	64	
TVTFVERS	38	
TVTF313	140	1
TVTF511	140	2
TVTGETE6	BAF	80
TVTGET00	BAF	40
TVTGLOBL	BD0	40
TVTGMSFL	724	0
TVTGMSP	724	80
TVTGMSUP	720	0
TVTGMS1	618	
TVTGRFLG	BF4	0
TVTGRJQE	BF4	80
TVTGROCO	7C	
TVTGRPSZ	960	0
TVTGRSM1	2C4	
TVTGSAGP	BF0	10
TVTGSATT	BF0	40
TVTGSDET	BF0	20
TVTGSPFD	BF0	80
TVTGSSAT	BF0	8
TVTGSSWM	BF0	4
TVTGSWK1	BF0	0
TVTHOBOF	6C	7FFFFFFF
TVTHOBON	C18	C18
TVTHRCNT	940	0
TVTHRDAT	938	0
TVTHRINF	938	
TVTHRTIM	93C	0
TVTHWMSK	C74	FFFF
TVTHWQE	738	
TVTHXCHR	C7C	F0F1F2F3
TVTICLK	BE4	0
TVTICTCH	81C	
TVTID	0	C9C1E3C7
TVTIDAAD	1AC	0
TVTIDDAT	930	930
TVTIDTIM	930	934

Table 469. Cross Reference for IATYMPC (continued)

Name	Offset	Hex Tag
TVTIFCAD	1D4	0
TVTIHWS	BCC	8
TVTINDAT	28	0
TVTINPPS	227	40
TVTINPUT	61C	
TVTINSAV	930	
TVTINSPA	7D2	0
TVTINTIM	28	2C
TVTINTPM	C6A	F0F1
TVTINTPR	C6C	E2E3
TVTINTRD	BA6	14
TVTINTRP	BCB	4
TVTIOPRM	840	
TVTIQECA	844	
TVTIQECM	84B	
TVTIRA	734	
TVTISFLG	BA5	0
TVTISF01	BA5	1
TVTISF02	BA5	2
TVTISF04	BA5	4
TVTISF08	BA5	8
TVTISF10	BA5	10
TVTISJ	928	0
TVTITKPM	84C	
TVTJADAD	200	
TVTJBDTH	A7E	0
TVTJBEXP	A86	0
TVTJBLIM	A84	10
TVTJBMSG	BE2	40
TVTJBNSE	A7C	0
TVTJBOUT	BE2	20
TVTJBTS	26C	
TVTJBTXP	3E4	
TVTJBUSE	BE2	10
TVTJDDLM	CB8	0
TVTJDENO	C72	6
TVTJDEQ	850	
TVTJESMS	BD1	
TVTJETCR	2A0	
TVTJETLM	A1E	0
TVTJETPR	A1C	0
TVTJLFLG	CF5	0
TVTJMF	32C	
TVTJMJBT	BE7	40
TVTJMJDS	140	
TVTJMQA	8A0	

Table 469. Cross Reference for IATYMPC (continued)

Name	Offset	Hex Tag
TVTJMSSI	BE7	80
TVTJMUPD	BE7	20
TVTJNBAT	BD1	20
TVTJNCBF	224	0
TVTJNCHN	7EC	
TVTJNECF	22E	0
TVTJNFND	2E8	
TVTJNMSK	22E	80
TVTJNRET	BF4	40
TVTJNSTC	BD1	40
TVTJNTHL	22E	40
TVTJNTSO	BD1	80
TVTJNWID	22F	0
TVTJOBLM	D00	0
TVTJQEDQ	668	
TVTJQENQ	664	
TVTJQX	1B0	
TVTJSFLG	BE2	0
TVTJSSDA	8A4	
TVTJTGBL	BF4	10
TVTJTOFF	BF4	8
TVTJ3PST	2B0	
TVTLDAAD	198	
TVTLIMF	BC0	0
TVTLLPRT	13C	
TVTLNGTH	24	DB8
TVTLOCAL	BD0	20
TVTLOECF	BE3	0
TVTLPJ3	2BC	
TVTLSTST	890	0
TVTLTRC	858	
TVTMAINJ	9F4	0
TVTMAPRJ	85C	
TVTMAXB	978	5DC
TVTMAXC	96C	2
TVTMAXL	970	1
TVTMAXP	974	1F4
TVTMBJ	92C	0
TVTMDFLG	BCB	BCB
TVTMDSRD	194	
TVTMEMBR	A78	4040
TVTMEMD	1B8	
TVTMINTR	962	0
TVTMLRL	AD0	0
TVTMNSMS	A18	0
TVTMOECA	860	

Table 469. Cross Reference for IATYMPC (continued)

Name	Offset	Hex Tag
TVTMOECM	867	
TVTMPLAV	BC5	4
TVTMRGTR	963	0
TVTMSABN	BE1	40
TVTMSDM	8A8	0
TVTMSMI	2D0	
TVTMSPAT	868	
TVTMSU	86C	
TVTMTON	BEE	40
TVTMUBLN	ACC	0
TVTMXDCI	98C	1
TVTMXINT	708	270F
TVTNJEF1	CF4	0
TVTNJEOK	CF4	80
TVTNONE	BCC	1
TVTNOPRE	CF4	40
TVTNOTFY	66C	
TVTNTRCA	7E4	
TVTNTSV	16C	
TVTNTTCK	870	
TVTNUCT	8B0	
TVTOLDGL	BD0	4
TVTONE	C98	1
TVTONEH	C98	C9A
TVTONMSK	980	0
TVTOSDIE	2D4	
TVTOSFP	2DC	
TVTOSRTQ	210	
TVTOSTLM	A22	0
TVTOSTPR	A20	0
TVTOUTPT	620	
TVTPATH	BDF	0
TVTPBITL	264	
TVTPDAAD	204	
TVTPJCL	8AC	0
TVTPJCLP	8AC	80
TVTPPAGS	A80	0
TVTPRCDS	BFC	4
TVTPRCEN	BFC	8
TVTPREFR	BCB	40
TVTPRSUB	BD0	80
TVTPSDMX	99C	0
TVTPSDUS	9A0	0
TVTPSSCH	5E4	
TVTPTATS	268	
TVTPTCAD	794	

Table 469. Cross Reference for IATYMPC (continued)

Name	Offset	Hex Tag
TVTPTCKP	3EC	
TVTPTECF	BDF	10
TVTQBIT	CF5	80
TVTRAGNO	C63	
TVTRDFR1	9E	0
TVTRDFR2	AC	0
TVTRDQEF	10C	10C
TVTRDQPT	10C	80
TVTRDQTP	10C	
TVTRDYFC	72C	
TVTRD00H	5EC	0
TVTRD005	70	0
TVTRD040	1FB	0
TVTRD080	33C	
TVTRD082	3A8	
TVTRD084	3D0	
TVTRD086	3DC	
TVTRD090	3F0	
TVTRD095	40C	
TVTRD100	414	
TVTRD110	45C	
TVTRD112	488	
TVTRD117	508	
TVTRD118	4BC	
TVTRD120	53C	
TVTRD130	570	
TVTRD150	67C	
TVTRD151	6DC	
TVTRD152	6E4	
TVTRD155	6EC	
TVTRD190	772	0
TVTRD200	775	0
TVTRD210	7F0	
TVTRD215	854	
TVTRD220	8AD	0
TVTRD230	904	0
TVTRD260	A2C	0
TVTRD270	AA0	0
TVTRD280	ABC	0
TVTRD290	B6C	0
TVTRD300	B86	0
TVTRD305	B8C	0
TVTRD310	BAC	0
TVTRD315	BC8	0
TVTRD330	BDD	0
TVTRD345	BE5	0

Table 469. Cross Reference for IATYMPC (continued)

Name	Offset	Hex Tag
TVTRD350	BE8	0
TVTRD360	C5A	0
TVTRD403	CD8	0
TVTRD405	CF0	0
TVTRD410	CF2	0
TVTRD420	D30	0
TVTRD425	D8C	0
TVTRD430	D8F	0
TVTRD460	DA5	10
TVTRD465	DA5	8
TVTRD480	DA6	3F
TVTREFRS	9F	2
TVTREQUI	BCB	20
TVTRETNT	130	
TVTRFN01	CF4	1
TVTRFN02	CF4	2
TVTRFN04	CF4	4
TVTRFN08	CF4	8
TVTRFN10	CF4	10
TVTRFN20	CF4	20
TVTRF201	BF5	1
TVTRF202	BF5	2
TVTRF204	BF5	4
TVTRF208	BF5	8
TVTRF210	BF5	10
TVTRJPAC	55C	80
TVTRJPCP	CB4	
TVTRJPDI	284	
TVTRMFF	CA4	FFFFFFFF
TVTRM7F	CA4	CA8
TVTRM80	C18	80000000
TVTRQCAD	118	
TVTRSF10	BCC	10
TVTRSV01	6FC	
TVTRS00F	B8	0
TVTRS010	144	
TVTRS040	1E0	0
TVTRS060	232	0
TVTRS090	3AC	
TVTRS120	544	
TVTRS130	574	
TVTRS140	57C	
TVTRS150	688	
TVTRS210	7D0	0
TVTRS219	7FC	
TVTRS220	884	

Table 469. Cross Reference for IATYMPC (continued)

Name	Offset	Hex Tag
TVTRS221	898	
TVTRS230	8E8	
TVTRS260	A44	0
TVTRS270	AA8	0
TVTRS280	AF4	
TVTRS310	B9C	0
TVTRS360	BF6	0
TVTRS370	BFE	0
TVTRS375	C58	0
TVTRS380	C73	0
TVTRS420	D34	0
TVTRS480	DA7	0
TVTRTAB	1BC	
TVTRTAT	7B4	0
TVTRU050	214	
TVTRU080	35C	
TVTRU120	54C	
TVTRU130	560	
TVTRU150	6AC	
TVTRU160	725	0
TVTRU210	7D8	0
TVTRU230	8EC	
TVTRU260	A88	0
TVTRU270	AB0	0
TVTRU310	BB8	0
TVTRU320	BD3	0
TVTRU350	BE9	0
TVTRU370	BFF	0
TVTRU390	CBC	0
TVTRU410	CF6	0
TVTRU430	D64	
TVTSAFCL	238	
TVTSAPWQ	880	
TVTSBCNT	998	3
TVTSBPSY	BB4	E6
TVTSBPUS	BB4	2
TVTSCANI	A9C	708
TVTSCPSC	BFC	10
TVTSDA	11C	
TVTSDEAD	208	
TVTSDION	BA4	80
TVTSDMSG	BAF	20
TVTSDSI	230	80
TVTSEELM	A26	0
TVTSEEPR	A24	0
TVTSETUP	BCC	0

Table 469. Cross Reference for IATYMPC (continued)

Name	Offset	Hex Tag
TVTSIOSV	9F8	0
TVTSJFWK	776	0
TVTSLOTL	280	
TVTSMFCH	1C0	
TVTSMFFL	225	0
TVTSMFFO	C64	0
TVTSMFOP	C65	0
TVTSMS	BF5	80
TVTSMSCX	BF5	40
TVTSMSET	BCB	10
TVTSNAPN	BAF	10
TVTSNECB	984	0
TVTSNFDB	D1C	0
TVTSNNUM	B80	0
TVTSNPNA	4D8	
TVTSOCK	138	
TVTSOSRQ	20C	
TVTSP	7B2	0
TVTSPADD	7B0	8
TVTSPAGS	A82	0
TVTSPCHG	7B0	2
TVTSPCK	3E8	
TVTSPDEF	7A4	
TVTSPDEL	7B0	40
TVTSPFLC	BA4	80
TVTSPFLG	7B0	0
TVTSPFL2	7B1	0
TVTSPID	7A8	0
TVTSPINT	7A0	
TVTSPLST	788	
TVTSPMSG	BE2	80
TVTSPPCH	1C4	
TVTSPPCK	7B0	80
TVTSPPFL	226	0
TVTSPREL	798	
TVTSPREP	9F	1
TVTSPRPL	7B0	10
TVTSPSTT	7B0	4
TVTSPTAP	7B0	1
TVTSPUNV	7B0	20
TVTSQE	1B4	
TVTSSAUX	BF1	40
TVTSSDSP	BF1	81
TVTSSDST	BF1	1
TVTSSNM	C24	40404040
TVTSSNUC	BF1	80

Table 469. Cross Reference for IATYMPC (continued)

Name	Offset	Hex Tag
TVTSSVT	94	
TVTSTAD	2AC	
TVTSTCPM	C68	F0F1
TVTSTCPR	C70	E2E3
TVTSTECB	8B8	0
TVTSTFG0	BCF	80
TVTSTFG1	BCF	40
TVTSTFG2	BCF	20
TVTSTFG3	BCF	10
TVTSTFG4	BCF	8
TVTSTFG5	BCF	4
TVTSTFG6	BCF	2
TVTSTFG7	BCF	1
TVTSTFLG	BCF	0
TVTSTLOC	BF2	0
TVTSTMD	2C0	
TVTSTTAL	24C	
TVTSTTBD	254	
TVTSTTBL	248	
TVTSTTCB	8BC	
TVTSTTPG	250	
TVTSTTRC	7B1	40
TVTSTTRP	7B1	80
TVTSTTSR	258	
TVTSTUSR	BF1	0
TVTSUPNO	70A	0
TVTSUSPE	1F9	80
TVTSUSPM	1FA	40
TVTSVCNT	14C	
TVTSVHDR	148	
TVTSVLST	148	
TVTSYCNT	CFC	0
TVTSYSID	D9C	40404040
TVTTAECF	1F8	0
TVTTAWK	1F4	
TVTTELEN	15C	0
TVTTELS	158	
TVTTELTP	158	0
TVTTGBAD	78C	
TVTTGBUP	260	
TVTTHWS	BCC	2
TVTTJDSA	CA4	2
TVTTOKEN	D4	
TVTTRC2	8F8	
TVTTRC3	8FC	0
TVTTSOPM	C66	F0F1

Table 469. Cross Reference for IATYMPC (continued)

Name	Offset	Hex Tag
TVTTSOPR	C6E	E2E3
TVTTSOPS	BEF	40
TVTTVTC	44	
TVTTVTF	3C	
TVTUAGET	BEF	80
TVTUCDCI	990	0
TVTUTIC	A10	0
TVTUXL	1C8	
TVTVALID	A40	0
TVTVIOPM	2B8	
TVTVIRT	BD0	8
TVTVPTH	2B4	
TVTVRECF	BE3	BE3
TVTVS2F1	BD0	0
TVTWAITS	A14	0
TVTWDITV	A7B	
TVTWDLIM	A7A	
TVTWORKD	150	0
TVTWORKS	150	154
TVTWROSE	234	
TVTWTDEC	227	0
TVTWTDPS	227	80
TVTWTD01	227	1
TVTWTD02	227	2
TVTWTD04	227	4
TVTWTD08	227	8
TVTWTD10	227	10
TVTWTD20	227	20
TVTWTFCT	780	
TVTX_CLSDLYUP	130	
TVTX_CLSHADIN	124	
TVTX_CLSHADRE	128	
TVTX_CLSHADUP	12C	
TVTX_CLSMODUP	134	
TVTX_LCLCMSLK	13C	
TVTX_MPSETTRE	1C4	
TVTX_MPUNITS	144	
TVTXAHED	C8	
TVTXATDE	2C8	
TVTXATR	140	
TVTXBPL	50	
TVTXCKPT	28C	
TVTXCNDB	60	
TVTXCS03	D8	
TVTXCS06	DC	
TVTXCS07	E0	

Table 469. Cross Reference for IATYMPC (continued)

Name	Offset	Hex Tag
TVTXCS08	E4	
TVTXCS09	E8	
TVTXCS10	EC	
TVTXCS11	F0	
TVTXCS12	F4	
TVTXDELY	10C	
TVTXDPL	5C	
TVTXECTL	290	0
TVTXEFRW	294	
TVTXENF	288	
TVTXEWRK	290	
TVTXE7SW	298	
TVTXGCL	54	
TVTXGCTB	244	
TVTXGENF	110	
TVTXGGSM	264	
TVTXGITB	248	
TVTXGNTB	24C	
TVTXGPDS	114	
TVTXGSG	BC	
TVTXGSRQ	258	
TVTXGSTB	250	
TVTXGWCK	25C	
TVTXGWLN	260	
TVTXGXTB	254	
TVTXITRC	C4	
TVTXJCT	624	
TVTXJDTB	268	
TVTXJFCT	2A4	0
TVTXJFRW	2A0	
TVTXJLOK	2CC	
TVTXJNF	29C	
TVTXJQE	628	
TVTXJSPC	120	
TVTXJXGT	C0	
TVTXM702	A8	
TVTXM703	AC	
TVTXPLXI	26C	
TVTXRCL	58	
TVTXRJPC	F8	
TVTXSCSV	108	
TVTXSQE	62C	
TVTXSSCR	138	
TVTXSSEV	B4	
TVTXSST	B0	
TVTXSSTB	B8	

Table 469. Cross Reference for IATYMPC (continued)

Name	Offset	Hex Tag
TVTXSTTM	284	
TVTXTOD	630	
TVTXTODF	630	80
TVTXTRCD	350	
TVTXWCLF	100	
TVTXWDSL	11C	
TVTXWLM	FC	
TVTXWSEL	118	
TVTXWSRV	104	
TVTX83C	270	
TVTX83D	274	
TVTX83N	278	
TVTX83P	27C	
TVTX83R	280	
TVTYOSD	1CC	
TVTYSYSL	950	0
TVTZERO	C8C	C8C
TVTZEROX	C8C	0
TVT3100D	1FC	0
TVT8500D	6F4	0
UAVLFLG	BD9	0
UNLIMITED_DSP_COUNT	1C	F423F
UNLIMITED_JOB_COUNT	1C	FFFFFF
UNLIMITED_JOB_COUNT2	1C	FFFF
UNLOCKED	1C	8
VATAFCT	63C	
VGETFCT	640	
VGETRSQ	644	
WARMSTRT	9F	40
WRTCHAIN	648	
WTD	DB8	5
WTDQUE	1D0	
XCFDEFGP	9AC	40404040
XCFGRPNM	9A4	40404040
ZBORROW	1C	8
ZCARRY	1C	2
ZERO	1C	8
ZEROCORE	64C	
ZEROS	1C	8
ZNBORROW	1C	2
ZNCARRY	1C	8

IATYMVDA information

IATYMVDA heading information

Common name: Multi-version Data Access control information

Macro ID: IATYMVDA

DSECT name: MVDAMSTR, MVDAVERS, MVDATOKN

Owning component: JES3 (SC1BA)

Eye-catcher ID: MVDAMSTR, MVDAVERS, MVDATOKN
Offset: 0
Length: 4

Storage attributes: Main Storage: Any
Subpool: CSA
Key: 0

Size: MVDAMSIZ bytes (master control area)

Created by: IATGRMVD

Pointed to by: SVTMCTRA (Master control)

Serialization: None

Function: This macro maps the data that is used by JES3 to control access to data areas that have multiple versions.
This macro consists of a master control area (there is one for each table being controlled in this way) and one or more version control areas. There is one version control area for each version of the table. One of these versions is the "current" version; all others are "old" versions. In this context "version" does not refer to a version of JES3, but rather a version of the table built from a configuration based on statements from an initialization stream. Furthermore, it does not require a hot start with refresh to create a new version of a table. A hot start creates one, with contents identical to the previous version of the table.
Storage is mapped as follows:

```
+------------+ +--------+ +--------+ +--------+
| SVT | +-> | data | | data | | data |
| | | | (curr) | | (n-1) | | (n-2) |
| | | +--------+ +--------+ +--------+
| | ---+ A A A
| | | | |
| | ---+ | | |
| | | | | |
+------------+ | | | |
| | | |
+------------+ | | | |
| master | <--+ +--------+ +--------+ +--------+
| control | | vers | | vers |->| vers |
| for | -----> | ctrl | | ctrl | | ctrl |
| table 1 | ---+ | (curr) | | (n-1) | | (n-2) |
| (SETUNITS) | | +--------+ +--------+ +--------+
+------------+ | A
| master | | |
| control | +------------------+
| for |
| table 2 |
| (SETNAMES) |
+------------+
| master |
| control |
| for |
| table 3 |
| (DYNALDSN) |
+------------+
: etc. :
: :
```

The information for tables 2 and 3 (including the SVT pointers to the current data) are not shown here in order to save space and clutter, but they are similar

to those for table 1. The master control areas correspond to different tables. There is no theoretical limit on how many master control areas there are (and therefore, how many tables are controlled in this manner).
Also not shown are the backward pointers from the version control areas to the associated master control area, and the MVDA tokens.

IATYMVDA mapping

Table 470. Structure MVDAMSTR

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	MVDAMSTR	
0	(0)	CHARACTER	8	MVDAMSID	Eye catcher
8	(8)	ADDRESS	4	MVDACVCT	Pointer to the version control area for the current version of the table
12	(C)	ADDRESS	4	MVDAOVCT	Pointer to the version control area for the first old version of the table
16	(10)	ADDRESS	4	MVDABVCT	Pointer to the version control area for the table being built prior to COMMIT (also known as the pending version)
20	(14)	ADDRESS	1	MVDATTYP	Table type
21	(15)	BITSTRING	3	MVDAMRD6	Reserved for development
24	(18)	DBL WORD	8	MVDAUSE(0)	Total use count structure used to serialize (via CDS) simultaneous updates to the current and old use counts. MVDACUSE when updated alone can use CS. MVDAOUSE must not be updated alone.
24	(18)	SIGNED	4	MVDACUSE	Master control area use count due to accesses of the current version of the table (must be updated using serialization)
28	(1C)	SIGNED	4	MVDAOUSE	Master control area use count due to accesses of an old version of the table (see MVDAUSE), not updated directly but accumulated mith MVDACUSE when a current version moves to the old version list
32	(20)	ADDRESS	4	MVDABTKN	Pointer to build token
36	(24)	SIGNED	4	MVDAMRD1	Reserved for development
40	(28)	SIGNED	4	MVDAMRD2	Reserved for development
44	(2C)	SIGNED	4	MVDAMRD3	Reserved for development
48	(30)	SIGNED	4	MVDAMRD4	Reserved for development
52	(34)	SIGNED	4	MVDAMRS1	Reserved for service
56	(38)	SIGNED	4	MVDAMRS2	Reserved for service
60	(3C)	SIGNED	4	MVDAMRS3	Reserved for service
64	(40)	SIGNED	4	MVDAMRS4	Reserved for service
68	(44)	SIGNED	4	MVDAMRS5	Reserved for service
72	(48)	DBL WORD	8	MVDAMEND(0)	End of master control area, must end on doubleword
72	(48)	X'48'	0	MVDAMSIZ	"MVDAMEND-MVDAMSTR" Size of master control area
72	(48)	X'0'	0	MVDAMSTE	"MVDAMSTR,MVDAMSIZ" Equate for clearing area

Table 471. Structure MVDAVERS

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	MVDAVERS	
0	(0)	CHARACTER	8	MVDAVRID	Eye catcher
8	(8)	ADDRESS	4	MVDAVNXT	Forward chain pointer
12	(C)	ADDRESS	4	MVDAVTAB	Pointer to the table controlled by this version control area
16	(10)	SIGNED	4	MVDATSIZ	Table size for the version of the table being controlled
20	(14)	SIGNED	4	MVDAVUSE	Use count for the version of the table being controlled (must be updated using serialization)
24	(18)	ADDRESS	4	MVDAMCTL	Pointer to the master control area
28	(1C)	ADDRESS	4	MVDATMFL	Alternate field to get an area within the table other than the start
32	(20)	SIGNED	4	MVDAVRD1	Reserved for development
36	(24)	SIGNED	4	MVDAVRD2	Reserved for development
40	(28)	SIGNED	4	MVDAVRD3	Reserved for development
44	(2C)	SIGNED	4	MVDAVRD4	Reserved for development
48	(30)	SIGNED	4	MVDAVRD5	Reserved for development
52	(34)	SIGNED	4	MVDAVRS1	Reserved for service
56	(38)	SIGNED	4	MVDAVRS2	Reserved for service
60	(3C)	SIGNED	4	MVDAVRS3	Reserved for service
64	(40)	SIGNED	4	MVDAVRS4	Reserved for service
68	(44)	SIGNED	4	MVDAVRS5	Reserved for service
68	(44)	X'48'	0	MVDAVEND	"*" End of version control area
68	(44)	X'48'	0	MVDAVSIZ	"MVDAVEND-MVDAVERS" Size of a long version control area
68	(44)	X'0'	0	MVDAVERE	"MVDAVERS,MVDAVSIZ" Equate for clearing area

Table 472. Structure MVDATOKN

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	MVDATOKN	
0	(0)	CHARACTER	8	MVDATKID	Eye catcher
8	(8)	ADDRESS	4	MVDTKRES	RESMGR token
12	(C)	SIGNED	4	MVDTKRPM(2)	RESMGR parameter area
20	(14)	ADDRESS	4	MVDTKVCT	Version control area
,MVDRADDL RESMGR ADD, , MF=L					
24	(18)	SIGNED	4	MVDRADDL(0)	LIST NAME
24	(18)	BITSTRING	1		VERSION NUMBER
25	(19)	BITSTRING	1		FLAGS BYTE
26	(1A)	BITSTRING	1		LINKAGE TYPE
27	(1B)	BITSTRING	1		REQUEST=ADD
28	(1C)	BITSTRING	2		RESERVED
30	(1E)	SIGNED	2		ASID
32	(20)	ADDRESS	4		TCB ADDRESS
36	(24)	ADDRESS	4		ROUTINE ADDRESS

Table 472. Structure MVDATOKN (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
40	(28)	ADDRESS	4		TOKEN ADDRESS
44	(2C)	ADDRESS	4		ECB ADDRESS
48	(30)	ADDRESS	4		PARAM ADDRESS
52	(34)	ADDRESS	4		TTOKEN ADDRESS
52	(34)	X'38'	0	MVDTKRAE	"*" End of RESMGR parameter list
52	(34)	X'20'	0	MVDTKRAS	"MVDTKRAE-MVDRADDL" Size of RESMGR parameter list

```
,MVDRDELL RESMGR DELETE,
, MF=L
```

56	(38)	SIGNED	4	MVDRDELL(0)	LIST NAME
56	(38)	BITSTRING	1		VERSION NUMBER
57	(39)	BITSTRING	1		FLAGS BYTE
58	(3A)	BITSTRING	1		LINKAGE TYPE
59	(3B)	BITSTRING	1		REQUEST=DELETE
60	(3C)	BITSTRING	2		RESERVED
62	(3E)	SIGNED	2		ASID
64	(40)	ADDRESS	4		TCB ADDRESS
68	(44)	ADDRESS	4		ROUTINE ADDRESS
72	(48)	ADDRESS	4		TOKEN ADDRESS
76	(4C)	ADDRESS	4		ECB ADDRESS
80	(50)	ADDRESS	4		PARAM ADDRESS
84	(54)	ADDRESS	4		TTOKEN ADDRESS
84	(54)	X'58'	0	MVDTKRDE	"*" End of RESMGR parameter list
84	(54)	X'20'	0	MVDTKRDS	"MVDTKRDE-MVDRDELL" Size of RESMGR parameter list
84	(54)	X'58'	0	MVDATEND	"*" End of token area
84	(54)	X'58'	0	MVDATKSZ	"MVDATEND-MVDATOKN" Size of token area
84	(54)	X'0'	0	MVDATOKE	"MVDATOKN,MVDATKSZ" Equate for clearing area

Table 473. Structure MVFTNTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	MVFTNTRY	
0	(0)	ADDRESS	4	MVFTADDR	Table entry routine address
0	(0)	X'4'	0	MVFTEND	"*" End of entry
0	(0)	X'4'	0	MVFTSIZE	"MVFTEND-MVFTNTRY" Size of one entry
0	(0)	X'0'	0	MVFTNTRE	"MVFTNTRY,MVFTSIZE" Equate for clearing entry

Table 474. Structure MVDTNTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	MVDTNTRY	
0	(0)	ADDRESS	4	MVDTDOFF	SVT data offset
0	(0)	X'4'	0	MVDTVEND	"*" End of entry
0	(0)	X'4'	0	MVDTSIZE	"MVDTVEND-MVDTNTRY" Size of one entry

Table 474. Structure MVDTNTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	X'0'	0	MVDTNTRE	"MVDTNTRY,MVDTSIZE" Equate for clearing entry

Table 475. Cross Reference for IATYMVDA

Name	Offset	Hex Tag
MVDABTKN	20	
MVDABVCT	10	
MVDACUSE	18	
MVDACVCT	8	
MVDAMCTL	18	
MVDAMEND	48	
MVDAMRD1	24	
MVDAMRD2	28	
MVDAMRD3	2C	
MVDAMRD4	30	
MVDAMRD6	15	
MVDAMRS1	34	
MVDAMRS2	38	
MVDAMRS3	3C	
MVDAMRS4	40	
MVDAMRS5	44	
MVDAMSID	0	
MVDAMSIZ	48	48
MVDAMSTE	48	0
MVDAMSTR	0	
MVDAOUSE	1C	
MVDAOVCT	C	
MVDATEND	54	58
MVDATKID	0	
MVDATKSZ	54	58
MVDATMFL	1C	
MVDATOKE	54	0
MVDATOKN	0	
MVDATSIZ	10	
MVDATTYP	14	
MVDAUSE	18	
MVDAVEND	44	48
MVDAVERE	44	0
MVDAVERS	0	
MVDAVNXT	8	
MVDAVRD1	20	
MVDAVRD2	24	
MVDAVRD3	28	
MVDAVRD4	2C	
MVDAVRD5	30	
MVDAVRID	0	

Table 475. Cross Reference for IATYMVDA (continued)

Name	Offset	Hex Tag
MVDAVRS1	34	
MVDAVRS2	38	
MVDAVRS3	3C	
MVDAVRS4	40	
MVDAVRS5	44	
MVDAVSIZ	44	48
MVDAVTAB	C	
MVDAVUSE	14	
MVDRADDL	18	
MVDRDELL	38	
MVDTDOFF	0	
MVDTKRAE	34	38
MVDTKRAS	34	20
MVDTKRDE	54	58
MVDTKRDS	54	20
MVDTKRES	8	
MVDTKRPM	C	
MVDTKVCT	14	
MVDTNTRE	0	0
MVDTNTRY	0	
MVDTSIZE	0	4
MVDTVEND	0	4
MVFTADDR	0	
MVFTEND	0	4
MVFTNTRE	0	0
MVFTNTRY	0	
MVFTSIZE	0	4

IATYMWTO information

IATYMWTO programming interface information

IATYMWTO is a programming interface.

IATYMWTO heading information

Common name:	JES3 FSS MULTI-LINE WTO MAPPING MACRO
Macro ID:	IATYMWTO
DSECT name:	NONE
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Main Storage: FSS Address Space Auxiliary Storage: N/A
Size:	313 bytes
Created by:	IATFCMS IATSICD
Pointed to by:	N/A
Serialization:	None

Function: The IATYMWTO macro is used to generate an FSS multi-line WTO mapping for messages issued by the FSS address space. This is to assure commonality between the DSECT and definitions in the module.

IATYMWTO mapping

Table 476. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

```
        JES3 FSS MULTI-LINE WTO MAPPING MACRO
01 Change Activity:
  $PI= SP511 HJS5511 940223 PD0KM: SP 5.1.1
        WTO ('TEXT1',D), 1-ST LINE OF MLWTO
              ('TEXT2',D), 2-ND LINE
              ('TEXT3',D), 3-RD LINE 0
              ('TEXT4',DE), 4-TH AND LAST LINE 0
              ROUTCDE=(2),
              DESC=(7),
              SUBSMOD=YES, 0
              MF=L
```

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	SIGNED	4	FCMWTOA4(0)	
0	(0)	ADDRESS	2		TEXT LENGTH
2	(2)	BITSTRING	2		MCSFLAGS
4	(4)	CHARACTER	53		
74	(4A)	ADDRESS	1		VERSION LEVEL
75	(4B)	BITSTRING	1		MISCELLANEOUS FLAGS
76	(4C)	ADDRESS	1		REPLY LENGTH
77	(4D)	ADDRESS	1		RESERVED
78	(4E)	BITSTRING	2		EXTENDED MCS FLAGS
80	(50)	ADDRESS	2		RESERVED
82	(52)	ADDRESS	4		REPLY BUFFER ADDRESS
86	(56)	ADDRESS	4		REPLY ECB ADDRESS
90	(5A)	ADDRESS	4		CONNECT ID
94	(5E)	BITSTRING	2		DESCRIPTOR CODES
96	(60)	ADDRESS	2		RESERVED
98	(62)	BITSTRING	16		
114	(72)	BITSTRING	2		MESSAGE TYPE
116	(74)	ADDRESS	2		MESSAGE'S PRIORITY
118	(76)	CHARACTER	8		JOB ID
126	(7E)	CHARACTER	8		JOB NAME
134	(86)	CHARACTER	8		RETRIEVAL KEY
142	(8E)	ADDRESS	4		TOKEN FOR DOM
146	(92)	ADDRESS	4		CONSOLE ID
150	(96)	CHARACTER	8		SYSTEM NAME
158	(9E)	ADDRESS	4		RESERVED
162	(A2)	ADDRESS	4		RESERVED
166	(A6)	BITSTRING	2		LINE TYPE
168	(A8)	BITSTRING	1		AREA ID
169	(A9)	ADDRESS	1		TOTAL NUMBER OF LINES X02007
170	(AA)	ADDRESS	2		MESSAGE LENGTH
172	(AC)	BITSTRING	2		LINE TYPE

Table 476. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
174	(AE)	CHARACTER	32		
206	(CE)	ADDRESS	2		MESSAGE LENGTH
208	(D0)	BITSTRING	2		LINE TYPE
210	(D2)	CHARACTER	31		
241	(F1)	ADDRESS	2		MESSAGE LENGTH
243	(F3)	BITSTRING	2		LINE TYPE
245	(F5)	CHARACTER	53		
253	(FD)	X'12D'	0	FCMWTOL4	"*-FCMWTOA4" TEXT LENGTH 0417
301	(12D)	CHARACTER	5	FCMWL1T	1.LINE IAT69 0694
306	(132)	CHARACTER	2	FCMWMID	MESSAGE ID
308	(134)	CHARACTER	1		SPACE
309	(135)	CHARACTER	62	FCMWTX1	MESSAGE TEXT - 1ST LINE
371	(173)	CHARACTER	1	FCMWTX1E(0)	END OF 1ST LINE
371	(173)	CHARACTER	12	FCMWL2T	LINE 2 TEXT 0694
383	(17F)	CHARACTER	8	FCMWFSSN	FSS NAME
391	(187)	CHARACTER	1	(2)	DELIMITER, LEFT PARENTHESIS
393	(189)	CHARACTER	4	FCMWFSID	FSS ID
397	(18D)	CHARACTER	1		DELIMITER
398	(18E)	CHARACTER	4	FCMWFSAD	FSA ID
402	(192)	CHARACTER	1		RIGHT PARENTHESIS
403	(193)	CHARACTER	1	FCMWTX2E(0)	END OF 2ND LINE 0694
403	(193)	CHARACTER	12	FCMWL3T	MESSAGE ID, JOB, SPACE 0694
415	(19F)	CHARACTER	8	FCMWJBNM	JOB NAME
423	(1A7)	CHARACTER	1	(2)	DELIMITER, LEFT PARENTHESIS
425	(1A9)	CHARACTER	8	FCMWJBID	JOB ID
433	(1B1)	CHARACTER	1		CLOSING PARENTHESIS 0417
434	(1B2)	CHARACTER	1	FCMWTX3E(0)	END OF 3RD LINE 0694
434	(1B2)	CHARACTER	12	FCMWL4T	MESSAGE ID, DSN 0694
446	(1BE)	CHARACTER	44	FCMWDSNM	FULLY QUALIFIED DSN
490	(1EA)	CHARACTER	1	FCMWTX4E(0)	END OF 4TH LINE 0694

Table 477. Cross Reference for IATYMWTO

Name	Offset	Hex Tag
FCMWDSNM	1BE	
FCMWFSAD	18E	
FCMWFSID	189	
FCMWFSSN	17F	
FCMWJBID	1A9	
FCMWJBNM	19F	
FCMWL1T	12D	
FCMWL2T	173	
FCMWL3T	193	
FCMWL4T	1B2	
FCMWMID	132	
FCMWTOA4	0	

Table 477. Cross Reference for IATYMWTO (continued)

Name	Offset	Hex Tag
FCMWTOL4	FD	12D
FCMWTX1	135	
FCMWTX1E	173	
FCMWTX2E	193	
FCMWTX3E	1B2	
FCMWTX4E	1EA	

IATYNAM information

IATYNAM heading information

Common name: Format of setnames table entries

Macro ID: IATYNAM

DSECT name: NAMSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: none

Storage attributes: Main Storage: subpool 241
Auxiliary Storage: N/A

Size: 40 bytes

Created by: IATINMD

Pointed to by: SETNAMES IN IATYTVT
SVTSETNM IN IATYSVT

Serialization: NONE

Function: THE SETNAMES TABLE CONTAINS ENTRIES FOR GENERIC AND ESOTERIC UNIT NAMES. THESE ARE USED BY MDS TO CORRELATE A UNIT NAME SPECIFIED ON A DD STATEMENT WITH ONE OR MORE SETUP DEVICES.

IATYNAM mapping

Table 478. Structure NAMSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NAMSTART	
0	(0)	CHARACTER	8	NAME	DEVICE NAME OR X'FF' FOR HDR
8	(8)	BITSTRING	1	NAMETYPE	DEVICE TYPE CODE
9	(9)	BITSTRING	1	NAMEFLAG	NAMEFLAG FLAG BYTE
		DEFINITION OF NAMEFLAG.			
		1...		NAMTAPE	"X'80'" NAME FOR TAPE DEVICE
		.1..		NAMDACC	"X'40'" NAME FOR DIRECT ACCESS DEV
		..1.		NAMUR	"X'20'" NAME FOR UNIT RECORD DEVICE
		...1		NAMGR	"X'10'" NAME FOR GRAPHIC DEVICE
		.... 1...		NAMUNVFY	"X'08'" INIT VERIFICATION COMPLETE
		.... .1..		NAMDUP	"X'04'" DUPLICATE XTYPE CONTAINS DUPLICATE NAME
		.... ..1.		NAMPOOL	"X'02'" NAME FOR POOL DEVICES
		1		NAMALT	"X'01'" ALTERNATE SETNAMES EXISTS FOR THIS DEVICE NAME, NAMALTAD POINTS TO THE ALTERNATE SETNAMES

Table 478. Structure NAMSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
9	(9)	X'F0'	0	NAMDEV	"NAMTAPE+NAMDACC+NAMUR+NAMGR" ALL DEV TYPES MASK
10	(A)	BITSTRING	2	NAMDAC	COUNT OF AVAILABLE DEVICES
12	(C)	BITSTRING	2	NAMDUAC	COUNT OF UNAVAILABLE DEVICES
16	(10)	ADDRESS	4	NAMALTAD	ALTERNATE SETNAMES ADDRESS
20	(14)	BITSTRING	1	NAMFLAG1	FLAG BYTE
	DEFINITION OF NAMFLAG1				
		1...		NAMOVRID	"X'80'" OVERRIDING ESOTERIC UNIT
21	(15)	BITSTRING	1	NAMRSVD	RESERVED FOR DEVELOPMENT
22	(16)	BITSTRING	2	NAMLISTC	COUNT OF LIST REQUESTS
24	(18)	BITSTRING	2	NAMRSVU	RESERVED FOR USER
26	(1A)	BITSTRING	1	NAMEND(0)	END OF SET NAMES ENTRY
26	(1A)	BITSTRING	1	NAMSIZE(0)	SIZE OF ENTRY = L'NAMSIZE
26	(1A)	X'2'	0	NAMTERM	"NAME+2" LOC IS X'FF' AT END OF TABLE
	FORMAT OF A HEADER ENTRY				
0	(0)	BITSTRING	1	HDRSTART	HEADER ENTRY INDICATOR
1	(1)	BITSTRING	1	HDRTYPE	DEVICE TYPE CODE AND XTYPE
2	(2)	CHARACTER	8	HDRXTYPE	OF NAMES UNTIL NEXT HEADER
10	(A)	BITSTRING	2	NAMHRSVD	RESERVED FOR DEVELOPMENT
12	(C)	BITSTRING	4	NAMHRSVS	RESERVED FOR SERVICE
16	(10)	BITSTRING	4	NAMHRSVU	RESERVED FOR USER

Table 479. Cross Reference for IATYNAM

Name	Offset	Hex Tag
HDRSTART	0	
HDRTYPE	1	
HDRXTYPE	2	
NAMALT	9	1
NAMALTAD	10	
NAMDAC	A	
NAMDACC	9	40
NAMDEV	9	F0
NAMDUAC	C	
NAMDUP	9	4
NAME	0	
NAMEFLAG	9	
NAMEND	1A	
NAMETYPE	8	
NAMFLAG1	14	0
NAMGR	9	10
NAMHRSVD	A	
NAMHRSVS	C	
NAMHRSVU	10	
NAMLISTC	16	

Table 479. Cross Reference for IATYNAM (continued)

Name	Offset	Hex Tag
NAMOVRID	14	80
NAMPOOL	9	2
NAMRSVD	15	
NAMRSVU	18	
NAMSIZE	1A	
NAMSTART	0	
NAMTAPE	9	80
NAMTERM	1A	2
NAMUNVFY	9	8
NAMUR	9	20

IATYNBF information

IATYNBF programming interface information

IATYNBF is a programming interface.

IATYNBF heading information

Common name: NETWORKING COMMAND/MESSAGE TRANSMISSION QUEUE ENTRY

Macro ID: IATYNBF

DSECT name: NJECNSBF

Owning component: JES3 (SC1BA)

Eye-catcher ID: none

Storage attributes: Main Storage: JESPOOL
Auxiliary Storage: N/A

Size: 84 bytes

Created by: IATNTDR, IATCNMR, IATBDCI, IATCNNJ

Pointed to by: FRSTCNSB IN IATYNDT
FRSTICMD, FRSTRESP, FRSTIMSG, FRSTTSO,
FRSTCMD, FRSTREJT, FRSTSNA & FRSTMSG
IN IATYNCQ
TCPFNMR, TCPLNMR in IATYTCP

Serialization: none

Function: THIS MACRO MAPS COMPRESSED CONSOLE RECORDS THAT ARE QUEUED TO BE TRANSMITTED TO ANOTHER NODE IN THE NETWORK. IT ALSO MAPS QUEUE ENTRIES OF MESSAGES AND COMMANDS RECEIVED FROM ANOTHER NODE IN THE NETWORK.

IATYNBF mapping

Table 480. Structure NJECNSBF

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NJECNSBF	
0	(0)	SIGNED	4	NJCNBFCH	- PTR TO NEXT COMMAND/MESSAGE BUFFER
4	(4)	CHARACTER	8	NJCNPATH	NAME OF PATH NODE
12	(C)	CHARACTER	8	NJCNSOCK	Name of path socket
20	(14)	SIGNED	2	NJCNBFLN	- LENGTH OF BUFFER
20	(14)	X'16'	0	NJCNFSIZ	"*-NJECNSBF" SIZE OF FIXED PORTION
22	(16)	CHARACTER	1	NJCNBFTX	NODAL MESSAGE RECORD

IATYNCB information

IATYNCB heading information

Common name:	JES3 NET CONTROL BLOCK (NCB)
Macro ID:	IATYNCB
DSECT name:	NCBENTRY, NCBSUCC
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	none
Storage attributes:	Main Storage: READ IN VIA JSAM BUFFER Auxiliary Storage: JES3 SPOOL
Size:	NCBSIZE - 54 bytes NCBSUSIZ - 10 bytes
Created by:	IATISNT
Pointed to by:	JNNCBFDB IN IATYJNT JCTDJCFB IN IATYJCT
Serialization:	none
Function:	MAPS //*NET CONTROL STATEMENT INFORMATION FOR JOBS IN A DJC NET

IATYNCB mapping

Table 481. Structure NCBSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NCBSTART	
0	(0)	BITSTRING	6	NCBTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	NCBCNT	USER COUNT.
8	(8)	CHARACTER	4	NCBID	File id.
12	(C)	BITSTRING	12	NCBCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	NCBVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	NCBDATA(0)	START OF USER DATA AREA.
28	(1C)	ADDRESS	2	NCBFSIZE	- SIZE OF NCB PREFIX
32	(20)	SIGNED	4	NCBTERM	- DISPLACEMENT TO BUFFER TERMINATOR
36	(24)	SIGNED	4	NCBRSVD1	- RESERVED FOR IBM
40	(28)	SIGNED	4	NCBFEND(0)	- END OF NCB PREFIX
40	(28)	BITSTRING	1	NCBPSIZE(0)	- SIZE OF PREFIX

Table 482. Structure NCBENTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NCBENTRY	
0	(0)	ADDRESS	2	NCBVSIZE	- SIZE OF 1ST VARIABLE PORTION
2	(2)	CHARACTER	8	NCBJOBNM	- JOBNAME
10	(A)	SIGNED	2	NCBJOBNC	Compatible with NCBJOBNO - see IATXJBNO macro
12	(C)	SIGNED	2	NCBHRCNT	- HOLD/RELEASE COUNT
14	(E)	SIGNED	2	NCBSRCNT	- SCHEDULE RELEASE COUNT
16	(10)	CHARACTER	8	NCBRLNET	- RELEASE NET NETID
24	(18)	CHARACTER	8	NCBRLJOB	- JOBNAME IN REL NET TO BE RELEASED
32	(20)	CHARACTER	1	NCBJPRTY	- JOB PRIORITY
33	(21)	CHARACTER	1	NCBFLAG1	- NCB FLAG1

Table 482. Structure NCBENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF NCBFLAG1			
		1		NCBSUCUP	"X'01'" - THIS JOBS SUCCESSORS WERE UPDATED
		.... ..1.		NCBJCTR	"X'02'" - JCT HAS BEEN RELEASED FROM HOLD
		.... .1..		NCBPRDUP	"X'04'" - THIS JOB WAS UPDATED BY A PREDECESSR
		.... 1...		NCBRSOCJ	"X'08'" - RESUBMITTAL OF COMPLETED JOB
		...1		NCBNMAIN	"X'10'" - NO MAIN SE
		..1.		NCBJBFAL	"X'20'" - JOB FAILED AT RDR/ INTERPRETER TIME
		.1..		NCBCOMP	"X'40'" - JOB HAS COMPLETED
		1...		NCBNOCHG	"X'80'" - NO CHANGES, BYPASS AWRITE
34	(22)	CHARACTER	1	NCBFLAG2	- NCB FLAG2
		DEFINITION OF NCBFLAG2			
		1		NCBJBABN	"X'01'" - JOB ABNORMALLY COMPLETED
		.... ..1.		NCBNHOLD	"X'02'" - JOB IS IN NET HOLD
		.... .1..		NCBMSVC	"X'04'" - THIS NCB IS MISSING A SUCCESSOR
		.... 1...		NCBMSUBN	"X'08'" - JOB MISSING A SUCCESSOR IN A SUB-NET
		...1		NCBRSUB	"X'10'" - JOB CAN BE RESUBMITTED
		..1.		NCBNULL	"X'20'" - THIS IS A NULL NCB
		.1..		NCBNULLP	"X'40'" - NULL NCB PROCESSED BY JSS
		1...		NCBOPHLD	"X'80'" - JOB IS IN OPERATOR HOLD
35	(23)	CHARACTER	1	NCBFLAG3	- NCB FLAG3
		DEFINITION OF NCBFLAG3			
		1		NCBNPCF	"X'01'" - FLUSH THIS JOB ON NORMAL PRED COMP
		.... ..1.		NCBNPCR	"X'02'" - RETAIN THIS JOB ON NORMAL PRED COMP
		.... .1..		NCBNPCD	"X'04'" - DECREMENT ON NORMAL PRED COMPLETION
		.... 1...		NCBAPCR	"X'08'" - RETAIN THIS JOB ON ABNORMAL PRED COM
		...1		NCBAPCF	"X'10'" - FLUSH THIS JOB ON ABNORMAL PRED COMP
		..1.		NCBAPCD	"X'20'" - DECREMENT JOB ON ABNORMAL PRED COMP
36	(24)	CHARACTER	1	NCBFLAG4	- NCB FLAG4
		DEFINITION OF NCBFLAG4			
		1		NCBEFBRL	"X'01'" - RELEASE EFB HAS BEEN BUILT
		.... ..1.		NCBWTDHD	"X'02'" - OPERATOR HOLD WTD HAS BEEN BUILT
		.... .1..		NCBEFBRQ	"X'04'" - RELEASE RESQUEUE FLAG

Table 482. Structure NCBENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		NCBWTDRL	"X'08'" - OPERATOR RELEASE WTD HAS BEEN BUILT
		...1		NCBWTDCN	"X'10'" - OPERATOR CANCEL WTD HAS BEEN BUILT
		..1.		NCBWTDFH	"X'20'" - OPERATOR FLUSH WTD HAS BEEN BUILT
		.1..		NCBFLUSH	"X'40'" - FLUSH THIS JOB
		1...		NCBFLSHP	"X'80'" - FLUSH PROCESSED
37	(25)	CHARACTER	1	NCBFLAG5	- NCB FLAG5
		DEFINITION OF NCBFLAG5			
		1...		NCBDREL	"X'80'" JOB RELEASES DEDICATED DEVIC
		.1..		NCBISPRC	"X'40'" INPUT SERVICE IN PROCESS
		..1.		NCBCTUPD	"X'20'" COMPLETED COUNT UPDATED
		...1		NCBDUP	"X'10'" THIS NCB IS A DUPLICATE
38	(26)	SIGNED	2	NCBSUCNT	- NUMBER OF SUCCESSORS X 10
40	(28)	CHARACTER	1	NCBFLAG6	NCBFLAG6
		DEFINITION OF NCBFLAG6			
		1...		NCBNRBHO	"X'80'" NRCMP=HOLD SPECIFIED
		.1..		NCBNRBNH	"X'40'" NRCMP=NOHO SPECIFIED
		..1.		NCBNRBFL	"X'20'" NRCMP=FL SPECIFIED
		...1		NCBABKEP	"X'10'" KEEP NET IF JOB ABENDS
		.... 1...		NCBABNKP	"X'08'" NO KEEP NET IF JOB ABENDS
		.... .1..		NCBSTPTM	"X'04'" STEP TERMINATION PROCESSED
41	(29)	BITSTRING	1	NCBVER	Version number
		1		NCBVER01	"X'01'" Version number 1
41	(29)	X'1'	0	NCBCVER	"NCBVER01" Current version
42	(2A)	CHARACTER	1	NCBRSVD2(2)	Reserved for IBM
44	(2C)	SIGNED	4	NCBRSVU	- RESERVED FOR USER
44	(2C)	X'30'	0	NCBVEND0	"*" End of version 0 NCB fixed portion
48	(30)	BITSTRING	1	NCBSIZE0(0)	Size of version 0 fixed portion
		Version 1 fields - these are present only when NCBVER is at least NCBVER01.			
48	(30)	SIGNED	4	NCBJOBNO	Binary job number
52	(34)	BITSTRING	8	NCBTMDTE	Time/date net entered system18463TAC
60	(3C)	SIGNED	4	NCBRSVD3(8)	Reserved for IBM 18463TAC
92	(5C)	SIGNED	4	NCBVEND(0)	- END OF NCB FIXED ENTRY
92	(5C)	BITSTRING	1	NCBSIZE(0)	- SIZE OF FIXED PORTION

Table 483. Structure NCBSUCC

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NCBSUCC	
0	(0)	CHARACTER	8	NCBSUCCJ	- JOBNAME OF SUCCESSOR
8	(8)	BITSTRING	1	NCBSFLAG	SUCCESSOR FLAGS

Table 483. Structure NCBSUCC (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF NCBSFLAG			
		1...		NCBSMISS	"X'80'" THIS SUCCESSOR IS MISSING
		.1..		NCBSUPDT	"X'40'" THIS SUCCESSOR WAS UPDATED
9	(9)	BITSTRING	1	NCBSRESV	RESERVED AREA
9	(9)	X'A'	0	NCBSUEND	"*" END OF SUCCESSOR ENTRY
9	(9)	X'A'	0	NCBSUSIZ	"NCBSUEND-NCBSUCC" SIZE OF SUCCESSOR ENTRY

Table 484. Cross Reference for IATYNCB

Name	Offset	Hex Tag
NCBABKEP	28	10
NCBABNKP	28	8
NCBAPCD	23	20
NCBAPCF	23	10
NCBAPCR	23	8
NCBCHN	C	0
NCBCNT	6	0
NCBCOMP	21	40
NCBCTUPD	25	20
NCBCVER	29	1
NCBDATA	1C	
NCBDREL	25	80
NCBDUP	25	10
NCBEFBRL	24	1
NCBEFBRQ	24	4
NCBENTRY	0	
NCBFEND	28	
NCBFLAG1	21	
NCBFLAG2	22	
NCBFLAG3	23	
NCBFLAG4	24	
NCBFLAG5	25	
NCBFLAG6	28	
NCBFLSHP	24	80
NCBFLUSH	24	40
NCBFSIZE	1C	28
NCBHRCNT	C	
NCBID	8	D5C3C240
NCBISPRC	25	40
NCBJBABN	22	1
NCBJBFAL	21	20
NCBJCTR	21	2
NCBJOBNC	A	
NCBJOBNM	2	
NCBJOBNO	30	

Table 484. Cross Reference for IATYNCB (continued)

Name	Offset	Hex Tag
NCBJPRTY	20	
NCBMSUBN	22	8
NCBMSVC	22	4
NCBNHOLD	22	2
NCBNMAIN	21	10
NCBNOCHG	21	80
NCBNPCD	23	4
NCBNPCF	23	1
NCBNPCR	23	2
NCBNRBFL	28	20
NCBNRBHO	28	80
NCBNRBNH	28	40
NCBNULL	22	20
NCBNULLP	22	40
NCBOPHLD	22	80
NCBPRDUP	21	4
NCBPSIZE	28	
NCBRLJOB	18	
NCBRLNET	10	
NCBRSOCJ	21	8
NCBRSUB	22	10
NCBRSVD1	24	
NCBRSVD2	2A	
NCBRSVD3	3C	
NCBRSVU	2C	
NCBSFLAG	8	
NCBSIZE	5C	
NCBSIZE0	30	
NCBSMISS	8	80
NCBSRCNT	E	
NCBSRESV	9	
NCBSTART	0	
NCBSTPTM	28	4
NCBSUCC	0	
NCBSUCCJ	0	
NCBSUCNT	26	
NCBSUCUP	21	1
NCBSUEND	9	A
NCBSUPDT	8	40
NCBSUSIZ	9	A
NCBTERM	20	
NCBTMDTE	34	
NCBTRK	0	0
NCBVEND	5C	
NCBVEND0	2C	30
NCBVER	29	

Table 484. Cross Reference for IATYNCB (continued)

Name	Offset	Hex Tag
NCBVER01	29	1
NCBVLID	18	0
NCBVSIZE	0	5C
NCBWTDCN	24	10
NCBWTDFH	24	20
NCBWTDHD	24	2
NCBWTDRL	24	8

IATYNCF information

IATYNCF heading information

Common name: New Configuration Data Entry

Macro ID: IATYNCF

DSECT name: NCFSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: NCF
Offset: 0
Length: 4

Storage attributes: Main Storage: Any
Subpool: 0
Key: 1

Size: NCFSIZE bytes

Created by: Issuer of IATXCFGS FUNC=ADD_NEW_INFO

Pointed to by: CFSNCFAD in IATYCFGS
NCFNEXT in IATYNCF

Serialization: NONE

Function: This macro contains the information that is associated with the new configuration that is not actually committed to the control blocks and checkpoint areas until initialization has completed successfully. This ensures that information that is changed during a cold, warm, hot, or hot start with refresh is not reflected in the JES3 control blocks until we know that JES3 initialization has completed successfully.
For example, during a hot start with refresh, the FSS/FSA checkpoint record is recreated based on the information in the initialization stream. The old FSS/FSA checkpoint record's FDB is put into the Old Configuration Data Area (OCF), and the new FSS/FSA checkpoint record's FDB is put into the NCF. If JES3 initialization is successful, the FSS/FSA checkpoint FDB in the NCF will be copied to the JES3 Checkpoint Area (CKP), and the old FSS checkpoint FDB (in the OCF) will be purged to free the spool space. If JES3 initialization is not successful, the CKP will still have the old configuration's FSS checkpoint FDB.

IATYNCF mapping

Table 485. Structure NCFSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NCFSTART	, New Configuration Data Area Entry
0	(0)	CHARACTER	4	NCFID	Control block id
4	(4)	ADDRESS	4	NCFNEXT	Address of next NCF entry

Table 485. Structure NCFSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
8	(8)	BITSTRING	32	NCFDATA	Up to 32 bytes of data that is to be associated with the new configuration
40	(28)	ADDRESS	8	NCFUPDAD	Address of control block field that is to be updated
48	(30)	CHARACTER	32	NCFDESC	Description of the data
If a CNDB was specified, the following definitions will be used to format and display message IAT3302:					
48	(30)	CHARACTER	8	NCFSTMT	Inish statement name
56	(38)	CHARACTER	8	NCFKEYWD	Inish statement keyword
64	(40)	CHARACTER	8	NCFOLDVL	Old keyword value
72	(48)	CHARACTER	8	NCFNEWVL	New keyword value
80	(50)	SIGNED	2	NCFDLEN	Length of the data
82	(52)	BITSTRING	1	NCFFUNC	Function to be performed on the data
Definition of NCFFUNC.					
82	(52)	X'1'	0	NCFCOPY	"1" The data is to be copied to the control block field. NCFDATA contains the data to be copied.
82	(52)	X'2'	0	NCFSTBIT	"2" The data is a bit mask that is to be set in the control block field. The bit mask is in the first byte of the NCFDATA field.
82	(52)	X'3'	0	NCFRSBIT	"3" The data is a bit mask that is to be reset in the control block field. The bit mask is in the first byte of the NCFDATA field.
82	(52)	X'4'	0	NCFADD	"4" The data is a two or four byte field that is to be added to the control block field.
83	(53)	BITSTRING	1	NCFKEY	Data storage key
84	(54)	ADDRESS	4	NCFCNDB	CNDB address for message IAT3302
88	(58)	DBL WORD	8	NCFEND(0)	End of control block
88	(58)	X'58'	0	NCFSIZE	"NCFEND-NCFSTART" Size of control block
Values used to create the NCF cellpool.					
88	(58)	X'1E'	0	NCFPXTCT	"30" Number of elements in primary extent of the cellpool
88	(58)	X'64'	0	NCFSXTCT	"100" Number of elements in each secondary extent of the cellpool
88	(58)	X'0'	0	NCFSPOOL	"0" Subpool for NCF entries

Table 486. Cross Reference for IATYNCF

Name	Offset	Hex Tag
NCFADD	52	4
NCFCNDB	54	
NCFCOPY	52	1
NCFDATA	8	0
NCFDESC	30	40404040
NCFDLEN	50	0
NCFEND	58	

Table 486. Cross Reference for IATYNCF (continued)

Name	Offset	Hex Tag
NCFFUNC	52	0
NCFID	0	D5C3C640
NCFKEY	53	0
NCFKEYWD	38	
NCFNEWVL	48	
NCFNEXT	4	
NCFOLDVL	40	
NCFPXTCT	58	1E
NCFRSBIT	52	3
NCFSIZE	58	58
NCFSPOOL	58	0
NCFSTART	0	
NCFSTBIT	52	2
NCFSTMT	30	
NCFSXTCT	58	64
NCFUPDAD	28	

IATYNCG information

IATYNCG heading information

Common name: NJECONS General Routines Parameter lists

Macro ID: IATYNCG

DSECT name: CNNXMOD, PNDCPARM, BLDCPARM, TERMPARM

Owning component: JES3 (SC1BA)

Eye-catcher ID: none

Storage attributes: Main Storage: JES3 PRIVATE
Auxiliary Storage: N/A

Size: N/A

Created by: IATCNNJ

Pointed to by: N/A

Serialization: none

Function: Parameter lists for passing information to NJE General routines (IATCNNG / IATCNNS). The module parameter list consists of a Function code followed by a pointer to the specific Function Code's parameter list.

```
+---------------+
| Function Code |
| |
+---------------+
| Function Parm |
| List pointer |------->+-------------+
+---------------+ | Function |
| Specific |
| Information |
+-------------+
```

Valid Function Codes:
CNNGPNDC -- "Check Pending Command Queue" (IATYNPC) for any old command instances.
CNNSBLDC -- "Build Console Support for command instance"
CNNSDELC -- "Delete Console support for command instance"
CNNSGETM -- "Retrieve command responses from JESXCF and add to NJE Command response queue (IATYNRQ)"
CNNSTERM -- "Cleanup: 1) NJE Command response queue, 2) NJE Pending command queue and assoiciated JESXCF console support"
"DO NOT CHANGE ANY OFFSETS IN THIS MACRO -- Referenced by non-source modules"

IATYNCG mapping

Table 487. Structure CNNXMOD

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	CNNXMOD	Module parameter list
0	(0)	CHARACTER	4	CNNXFUNC	Function Code for specific ...operation to invoke
4	(4)	ADDRESS	4	CNNXFPRM	Address of Function code's parameter list (ex, CNNGPNDC)

Table 488. Structure PNDCPARM

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	PNDCPARM	"CNNGPNDC" Parm List
0	(0)	ADDRESS	4	PNDCTSF	Pointer to Timer State Flag
4	(4)	ADDRESS	4	PNDCTINT	Pointer to Timer Interval
8	(8)	ADDRESS	4	PNDCTAPP	Pointer to Timer Appendage
12	(C)	ADDRESS	4	PNDCTLST	Pointer to ATIME List Form
		Settings for PNDCTSF			
		1111 1111		PNDCTSFA	"X'FF'" - ATIME is active
		....		PNDCTSFI	"X'00'" - ATIME is NOT active
12	(C)	X'10'	0	PNDCEND	"*" End of PNDC Parm list
12	(C)	X'10'	0	PNDCSIZE	"(PNDCEND-PNDCPARM)" Size of PNDC Parm list

Table 489. Structure BLDCPARM

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	BLDCPARM	"CNNSBLDC" Parm List
0	(0)	ADDRESS	4	BLDCFLGA	Pointer to NRQ Post flag
4	(4)	BITSTRING	1	BLDCFLGM	Mask value for post

Table 489. Structure BLDCPARM (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
5	(5)	CHARACTER	3	BLDCRSVD	Reserved for alignment
8	(8)	ADDRESS	4	BLDCNPCA	Pointer to NJE Pending ...Command (NPC) entry to ...build console support for
8	(8)	X'C'	0	BLDCEND	"*" End of BLDC Parm list
8	(8)	X'C'	0	BLDCSIZE	"(BLDCEND-BLDCPARM)" Size of BLDC Parm list

Table 490. Structure TERMPARM

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	TERMPARM	"CNNSBLDC" Parm List
0	(0)	ADDRESS	4	TERMNCQA	Pointer to the NJE Console ...Queue area (YNCQ). Anchor ...control block for "NJE ...Command Response Queue (NRQ) ...and NJE Pending Command ...Queue (NPC)
0	(0)	X'4'	0	TERMEND	"*" End of TERM Parm list
0	(0)	X'4'	0	TERMSIZE	"(TERMEND-TERMPARM)" Size of TERM Parm list

Table 491. Cross Reference for IATYNCG

Name	Offset	Hex Tag
BLDCEND	8	C
BLDCFLGA	0	
BLDCFLGM	4	
BLDCNPCA	8	
BLDCPARM	0	
BLDCRSVD	5	
BLDCSIZE	8	C
CNNXFPRM	4	
CNNXFUNC	0	
CNNXMOD	0	
PNDCEND	C	10
PNDCPARM	0	
PNDCSIZE	C	10
PNDCTAPP	8	
PNDCTINT	4	
PNDCTLST	C	
PNDCTSF	0	
PNDCTSFA	C	FF
PNDCTSFI	C	0
TERMEND	0	4
TERMNCQA	0	
TERMPARM	0	
TERMSIZE	0	4

IATYNCK information

IATYNCK heading information

Common name:	CHECKPOINTED NET CONTROL BLOCK
Macro ID:	IATYNCK
DSECT name:	NCKENTRY
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	none
Storage attributes:	Main Storage: N/A Auxiliary Storage: JES3 SPOOL
Size:	Variable
Created by:	IATDCNC
Pointed to by:	DJCCKFCB IN IATYTVT
Serialization:	none
Function:	MAPS CHECKPOINTED NCB INFORMATION ON THE JES3 SPOOL

IATYNCK mapping

Table 492. Structure NCKSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NCKSTART	
0	(0)	BITSTRING	6	NCKTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	NCKCNT	USER COUNT.
8	(8)	CHARACTER	4	NCKID	File id.
12	(C)	BITSTRING	12	NCKCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	NCKVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	NCKDATA(0)	START OF USER DATA AREA.
28	(1C)	ADDRESS	2	NCKFSIZE	SIZE OF DJC CKPT PREFIX
32	(20)	SIGNED	4	NCKPRGM(8)	NCK WORK AREA
64	(40)	SIGNED	2	NCKRSVS	RESERVED FOR SERVICE
66	(42)	SIGNED	2	NCKRSVD	RESERVED FOR DEVELOPMENT
68	(44)	SIGNED	4	NCKFEND(0)	END OF PREFIX
68	(44)	BITSTRING	1	NCKPSIZE(0)	SIZE OF PREFIX

Table 493. Structure NCKENTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NCKENTRY	
0	(0)	BITSTRING	12	NCKNFDB	ROOT FDB FOR NET
12	(C)	SIGNED	2	NCKRSVDD	RESERVED FOR DEVELOPMENT
14	(E)	ADDRESS	2	NCKVSIZE	SIZE OF ENTRY
16	(10)	CHARACTER	8	NCKNETID	NETWORK ID
24	(18)	BITSTRING	1	NCKFLAG1	FLAG1
		DEFINITION OF NCKFLAG1			
		1...		NCKINUSE	"X'80'" THIS ENTRY IN USE
25	(19)	BITSTRING	1	NCKFLAG2	FLAG2

Table 493. Structure NCKENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
26	(1A)	BITSTRING	1	NCKVRSVS	RESERVED FOR SERVICE
27	(1B)	BITSTRING	1	NCKVRSVD	RESERVED FOR DEVELOPMENT
28	(1C)	SIGNED	4	NCKVEND(0)	END OF ENTRY
28	(1C)	BITSTRING	1	NCKSIZE(0)	SIZE OF ENTRY

Table 494. Cross Reference for IATYNCK

Name	Offset	Hex Tag
NCKCHN	C	0
NCKCNT	6	0
NCKDATA	1C	
NCKENTRY	0	
NCKFEND	44	
NCKFLAG1	18	
NCKFLAG2	19	
NCKFSIZE	1C	44
NCKID	8	D5C3D240
NCKINUSE	18	80
NCKNETID	10	
NCKNFDB	0	0
NCKPRGM	20	
NCKPSIZE	44	
NCKRSVD	42	
NCKRSVDD	C	
NCKRSVS	40	
NCKSIZE	1C	
NCKSTART	0	
NCKTRK	0	0
NCKVEND	1C	
NCKVLID	18	0
NCKVRSVD	1B	
NCKVRSVS	1A	
NCKVSIZE	E	1C

IATYNCN information

IATYNCN programming interface information

IATYNCN is a programming interface.

IATYNCN heading information

Common name: NETWORKING NODAL MESSAGE RECORD

Macro ID: IATYNCN

DSECT name: NJECNRCD

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes:	Main Storage: JES3 Private Area Auxiliary Storage: N/A
Size:	NJECNSIZ
Created by:	IATNTDR (AS PART OF IATYNBF) IATCNNJ IATBDCI (AS PART OF IATYNBF)
Pointed to by:	NJCNBFTX IN IATYNBF BLDCMDWK IN IATCNNJ
Serialization:	None
Function:	This macro maps the NJE nodal message record, which is used to transmit commands and messages among modes in a network. Restriction: Do not change any offsets -- referenced by Non-Source Maintained Code

IATYNCN mapping

Table 495. Structure NJECNRCD

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NJECNRCD	
0	(0)	CHARACTER	1	NMRFLAG	- FLAG BYTE
SETTINGS FOR NMRFLAG					
		1...		NMRFLAGC	"X'80'" NMR IS A COMMAND
		.1..		NMRFLAGW	"X'40'" ORIGIN IS REMOTE WORKSTATION
		..1.		NMRFLAGT	"X'20'" ORIGIN IS INTERACTIVE USER
		...1		NMRFLAGU	"X'10'" ORIGIN IS SYSTEM CONSOLE
		.... 1...		NMRFLAGR	"X'08'" ONLY REMOTE AUTHORIZED
0	(0)	X'60'	0	NMRFLAGQ	"NMRFLAGW+NMRFLAGT" DESTINATION TYPE UNKNOWN
0	(0)	X'80'	0	RDRCMD	"NMRFLAGC" COMMAND FROM READER
0	(0)	X'90'	0	OSCMD	"NMRFLAGC+NMRFLAGU" COMMAND FROM CONSOLE
0	(0)	X'A0'	0	TSOCMD	"NMRFLAGC+NMRFLAGT" COMMAND FROM TSO/VM
0	(0)	X'C8'	0	RMTCMD	"NMRFLAGC+NMRFLAGW+NMRFLAGR" COMMAND FROM REMOTE
		....		RDRMSG	"X'00'" MESSAGE TO CONSOLE
0	(0)	X'10'	0	OSMSG	"NMRFLAGU" MESSAGE TO CONSOLE (RESPONSE)
0	(0)	X'20'	0	TSOMSG	"NMRFLAGT" MESSAGE TO TSO/VM
0	(0)	X'40'	0	RMTMSG	"NMRFLAGW" MESSAGE TO REMOTE
1	(1)	CHARACTER	1	NMRLEVEL	- IMPORTANCE LEVEL (ALWAYS X'77')
2	(2)	CHARACTER	1	NMRTYPE	- TYPE FIELD
SETTINGS FOR NMRTYPE					
		.... 1...		NMRTYPE4	"X'08'" MESSAGE TEXT CONTAINS ORIGIN USERID
		.... .1..		NMRTYPET	"X'04'" MESSAGE TEXT HAS NO TIME STAMP
		.... ..1.		NMRTYPEF	"X'02'" TEXT CONTAINS FORMATTED COMMAND
3	(3)	CHARACTER	1	NMRTXTL	- LENGTH OF COMMAND OR MESSAGE TEXT
4	(4)	CHARACTER	8	NMRTONOD	- DESTINATION NODE

Table 495. Structure NJECNRCD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
12	(C)	CHARACTER	1	NMRTOQUL	- DESTINATION NODE SYSTEM QUALIFIER
13	(D)	CHARACTER	8	NMRUSRID(0)	- TSO/VM USER ID
13	(D)	CHARACTER	8	NMRREMOT(0)	- REMOTE ID
13	(D)	CHARACTER	2	NMRDESC	- MCS CONSOLE DESCRIPTOR CODES
15	(F)	CHARACTER	2	NMRCONS	- ORIGINATING CONSOLE NUMBER
17	(11)	CHARACTER	4	NMRCNID	- MCS CONSOLE ID
21	(15)	CHARACTER	8	NMRFMNOD	- ORIGINATING NODE
29	(1D)	CHARACTER	1	NMRFMQUL	- ORIGINATING NODE SYSTEM QUALIFIER
30	(1E)	CHARACTER	132	NMRTXT	- COMMAND OR MESSAGE TEXT
162	(A2)	CHARACTER	1	NJECNEND(0)	- END OF COMMAND/MESSAGE RECORD
162	(A2)	BITSTRING	1	NJECNSIZ(0)	- L'NJECNSIZ = SIZE OF RECORD

Table 496. Cross Reference for IATYNCN

Name	Offset	Hex Tag
NJECNEND	A2	
NJECNRCD	0	
NJECNSIZ	A2	
NMRCNID	11	
NMRCONS	F	
NMRDESC	D	
NMRFLAG	0	
NMRFLAGC	0	80
NMRFLAGQ	0	60
NMRFLAGR	0	8
NMRFLAGT	0	20
NMRFLAGU	0	10
NMRFLAGW	0	40
NMRFMNOD	15	
NMRFMQUL	1D	
NMRLEVEL	1	
NMRREMOT	D	
NMRTONOD	4	
NMRTOQUL	C	
NMRTXT	1E	
NMRTXTL	3	
NMRTYPE	2	
NMRTYPEF	2	2
NMRTYPET	2	4
NMRTYPE4	2	8
NMRUSRID	D	
OSCMD	0	90
OSMSG	0	10
RDRCMD	0	80
RDRMSG	0	0
RMTCMD	0	C8

Table 496. Cross Reference for IATYNCN (continued)

Name	Offset	Hex Tag
RMTMSG	0	40
TSOCMD	0	A0
TSOMSG	0	20

IATYNCQ information

IATYNCQ programming interface information

The following fields are **NOT** programming interface information:

- FRSTNPC
- LSTNPC

IATYNCQ heading information

Common name: NETWORKING CONSOLE QUEUE AREA

Macro ID: IATYNCQ

DSECT name: NJECONSQ

Owning component: JES3 (SC1BA)

Eye-catcher ID: none

Storage attributes: Main Storage: JES3 PRIVATE
Auxiliary Storage: N/A

Size: 76 bytes

Created by: IATCNNJ

Pointed to by: ANJECNSQ IN IATYTVT
NJECNQUE IN IATCNNJ

Serialization: none

Function: THIS MACRO CONTAINS A SET OF QUEUE HEADERS FOR THE VARIOUS QUEUES OF WORK WHICH ARE PROCESSED BY THE NJECONS DSP and the NJE Console Subtask routine--IATCNNS. IATCNNS Function indicators are also defined here.
"DO NOT CHANGE ANY OFFSETS IN THIS MACRO -- Referenced by NON-SRC modules"

IATYNCQ mapping

Table 497. Structure NJECONSQ

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NJECONSQ	Networking Console Queue Area
0	(0)	CHARACTER	1	NJECNSFL	- NETWORKING CONSOLE ECF
		SETTINGS FOR NJECNSFL			
		1...		NJERESP	"X'80'" - RESPONSE TO REMOTE NODE CMD
		.1..		NJEOCMD	"X'40'" - COMMAND FOR ANOTHER NODE
		..1.		NJEOMSG	"X'20'" - MESSAGE FOR ANOTHER NODE
		...1		NJECMDIN	"X'10'" - COMMAND FROM ANOTHER NODE
		.... 1...		NJEMSGIN	"X'08'" - MESSAGE FROM ANOTHER NODE
		.... .1..		NJETSO	"X'04'" - TSO NOTIFY MESSAGE
		.... ..1.		NJEREJT	"X'02'" - REJECTED NMR FOR SNA DEST
1	(1)	CHARACTER	3		- RESERVED FOR DEVELOPMENT

Table 497. Structure NJECONSQ (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
4	(4)	SIGNED	4	FRSTRESP	- RESPONSE QUEUE POINTERS
8	(8)	SIGNED	4	LASTRESP	
12	(C)	SIGNED	4	FRSTCMD	- OUTPUT COMMAND QUEUE POINTERS
16	(10)	SIGNED	4	LASTCMD	
20	(14)	SIGNED	4	FRSTMSG	- OUTPUT MESSAGE QUEUE POINTERS
24	(18)	SIGNED	4	LASTMSG	
28	(1C)	SIGNED	4	FRSTICMD	- INPUT COMMAND QUEUE POINTERS
32	(20)	SIGNED	4	LASTICMD	
36	(24)	SIGNED	4	FRSTIMSG	- INPUT MESSAGE QUEUE POINTERS
40	(28)	SIGNED	4	LASTIMSG	
44	(2C)	SIGNED	4	FRSTTSO	- TSO NOTIFY QUEUE POINTERS
48	(30)	SIGNED	4	LASTTSO	
52	(34)	SIGNED	4	FRSTSNA	- OUTBOUND SNA NMR QUEUE PTRS
56	(38)	SIGNED	4	LASTSNA	
60	(3C)	SIGNED	4	FRSTREJT	- REJECTED SNA NMR QUEUE PTRS
64	(40)	SIGNED	4	LASTREJT	
68	(44)	SIGNED	4	FRSTNPC	- NJE Pending Command Queue
72	(48)	SIGNED	4	LASTNPC	
72	(48)	X'100'	0	NJECNSQL	"256" - LENGTH OF CONSOLE QUEUE ENTRIES
76	(4C)	SIGNED	4	CNSQEND(0)	- END OF QUEUE CONTROL TABLE
76	(4C)	BITSTRING	1	CNSQSIZE(0)	- L'CNSQSIZE = SIZE OF TABLE

Table 498. Cross Reference for IATYNCQ

Name	Offset	Hex Tag
CNSQEND	4C	
CNSQSIZE	4C	
FRSTCMD	C	
FRSTICMD	1C	
FRSTIMSG	24	
FRSTMSG	14	
FRSTNPC	44	
FRSTREJT	3C	
FRSTRESP	4	
FRSTSNA	34	
FRSTTSO	2C	
LASTCMD	10	
LASTICMD	20	
LASTIMSG	28	
LASTMSG	18	
LASTNPC	48	
LASTREJT	40	
LASTRESP	8	
LASTSNA	38	
LASTTSO	30	
NJECMDIN	0	10

Table 498. Cross Reference for IATYNCQ (continued)

Name	Offset	Hex Tag
NJECNSFL	0	
NJECNSQL	48	100
NJECONSQ	0	
NJEMSGIN	0	8
NJEOCMD	0	40
NJEOMSG	0	20
NJEREJT	0	2
NJERESP	0	80
NJETSO	0	4

IATYNDH information

IATYNDH programming interface information

IATYNDH is a programming interface.

IATYNDH heading information

Common name: NETWORKING DATA SET HEADER

Macro ID: IATYNDH

DSECT name: NDHSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Main Storage: JESPOOL
Auxiliary Storage: N/A

Size: 304 bytes

Created by: IATNTDH

Pointed to by: NTDHNDH IN IATYNTDH
NRDADSHB IN IATYNRD
ADSHWRK IN IATYNFD
NRSTDSHW IN IATYNRS

Serialization: Reusable

Function: NETWORKING DATA SET HEADER MAPPING

IATYNDH mapping

Table 499. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

Table 500. Structure NDHSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NDHSTART	NJE Header Prefix
0	(0)	SIGNED	2	NDHLEN	Length of entire header
2	(2)	BITSTRING	1	NDHFLAGS	Prefix flags
3	(3)	BITSTRING	1	NDHSEQ	Sequence indicator
3	(3)	X'4'	0	NDHPRLEN	"*-NDHSTART" Prefix length
3	(3)	X'FFC'	0	NDHMAXLN	"4092" Maximum header length

Table 500. Structure NDHSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		THE FIRST FOUR BYTES OF EVERY SECTION MUST CONFORM TO THE FOLLOWING PROTOCOL: DISP LEN DESCRIPTION 0 2 LENGTH OF SECTION 2 1 SECTION IDENTIFIER 3 1 MODIFIER			
4	(4)	SIGNED	4	NDHENTRY(0)	BEGINNING OF SECTION
4	(4)	SIGNED	2	NDHENLEN	LENGTH OF SECTION
6	(6)	BITSTRING	1	NDHENTYP	SECTION IDENTIFIER
7	(7)	BITSTRING	1	NDHENMOD	MODIFIER
		GENERAL SECTION			
4	(4)	SIGNED	4	NDHG(0)	- START OF GENERAL SECTION
4	(4)	SIGNED	2	NDHGLEN	- LENGTH OF GENERAL SECTION
6	(6)	BITSTRING	1	NDHGTYPE	- ID FOR GENERAL SECTION
7	(7)	BITSTRING	1	NDHGMOD	- MODIFIER
8	(8)	CHARACTER	8	NDHGNODE	- DESTINATION NODE NAME
16	(10)	CHARACTER	8	NDHGRMT	- DESTINATION REMOTE OR DEVICE NAME
24	(18)	CHARACTER	8	NDHGPROC	DATA SET PROC NAME
32	(20)	CHARACTER	8	NDHGSTEP	DATA SET STEP NAME
40	(28)	CHARACTER	8	NDHGDDNM	- DATA SET DDNAME
48	(30)	SIGNED	2	NDHGDSNO	- DATA SET NUMBER
50	(32)	BITSTRING	1		- RESERVED 0393
51	(33)	BITSTRING	1	NDHGCLAS	- OUTPUT CLASS
52	(34)	SIGNED	4	NDHGNREC	- RECORD COUNT
56	(38)	BITSTRING	1	NDHGFLG1	- FLAGS
		NDHGFLG1 DEFINITIONS			
		1...		NDHGF1SP	"X'80'" SPIN DATA SET
		.1..		NDHGF1HD	"X'40'" HOLD DATASET AT DEST
		..1.		NDHGF1LG	"X'20'" JOBLOG INDICATOR
		...1		NDHGF1OV	"X'10'" OVERFLOW OFF
		.... 1...		NDHGF1IN	"X'08'" PUN INTPRT INDIC
		.... .1..		NDHGF1LC	"X'04'" NDHGLCNT IS VALID 0393
		.... ..1.		NDHGF1ST	"X'02'" JOB STATISTICS IN JOB LOG 0393
		1		NDHGF1DF	"X'01'" PUN INTPRT=NO SPECIFIED
57	(39)	BITSTRING	1	NDHGRCFM	- RECFM (OS DCBRECFM)
		1...		NDHGRFF	"X'80'" Fixed record format 05415SUA
		.1..		NDHGRFV	"X'40'" Variable record format 05415SUA
		11..		NDHGRFU	"X'C0'" Undefined record format 05415SUA
		.... .11.		NDHCPDS	"X'06'" COMPOSED PAGE DATA STREAM CC
		.... .1..		NDHASA	"X'04'" ASA CARRIAGE CONTROL
		.... ..1.		NDHMAC	"X'02'" MACHINE CARRIAGE CONTROL
58	(3A)	SIGNED	2	NDHGLREC	- LRECL (OS DCBLRECL)
60	(3C)	BITSTRING	1	NDHGDSCT	- DATA SET COPY COUNT

Table 500. Structure NDHSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
61	(3D)	BITSTRING	1	NDHGFCBI	- 3211 FCB INDEX
62	(3E)	BITSTRING	1	NDHGLNCT	- LINES PER PAGE 0393
63	(3F)	BITSTRING	1		- RESERVED 0393
64	(40)	CHARACTER	8	NDHGFORM	- FORMS ID
72	(48)	CHARACTER	8	NDHGFCB	- FCB ID
80	(50)	CHARACTER	8	NDHGUCS	- UCS ID
88	(58)	CHARACTER	8	NDHGXWTR	- EXTERNAL WRITER ID
96	(60)	CHARACTER	8	NDHGNAME	- DATA SET NAME QUALIFIER
104	(68)	BITSTRING	1	NDHGFLG2	- FLAG BYTE
	NDHGFLG2 DEFINITIONS				
		1...		NDHGF2PR	"X'80'" - DATASET IS TO BE PRINTED
		.1..		NDHGF2PU	"X'40'" - DATASET IS TO BE PUNCHED
	EQU X'20' - RESERVED - DO NOT USE 0 (NDHGF2NM)				
		...1		NDHGF2HB	"X'10'" - Data set is held prior to any processing
		.... 1...		NDHGF2HA	"X'08'" - Data set is held prior to any processing
		.... .1..		NDHGF2HX	"X'04'" - Data set is held for external writer
		.... ..1.		NDHGF2TR	"X'02'" - This data set's records have been blank truncated.
105	(69)	BITSTRING	1	NDHGUCSO	- UCS OPTION BYTE
	NDHGUCSO DEFINITIONS				
		1...		NDHGUCSD	"X'80'" UCS BLOCK DATA CHECK OPTION
		.1..		NDHGUCSF	"X'40'" UCS FOLD OPTION
106	(6A)	SIGNED	2		- RESERVED
108	(6C)	CHARACTER	8	NDHGPMDE	- PROCESS MODE
116	(74)	SIGNED	4	NDHGEND(0)	- END OF GENERAL SECTION
116	(74)	BITSTRING	1	NDHGSIZE(0)	- L'NDHGSIZE = SIZE OF GENERAL SECTION
	3800 PRINTER CHARACTERISTICS SECTION				
116	(74)	SIGNED	4	NDHA(0)	- START OF 3800 SECTION
116	(74)	SIGNED	2	NDHALEN	- LENGTH OF 3800 SECTION
118	(76)	BITSTRING	1	NDHATYPE	- ID FOR GENERAL SECTION
119	(77)	BITSTRING	1	NDHAMOD	- MODIFIER
120	(78)	BITSTRING	1	NDHAFLG1	- FLAGS
	DEFINITION OF NDHAFLG1				
		1...		NDHAF1J	"X'80'" - 'OPTCD=J' SPECIFIED
		.1..		NDHAF1BR	"X'40'" - 'BURST=YES' SPECIFIED
		..1.		NDHAF1BN	"X'20'" - CONTINUOUS FORMS STACKING
121	(79)	BITSTRING	1	NDHAFLCT	- FLASH COUNT
122	(7A)	BITSTRING	1	NDHATREF	- TABLE REFERENCE CHARACTER

Table 500. Structure NDHSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
123	(7B)	BITSTRING	1		- RESERVED
124	(7C)	CHARACTER	8	NDHATAB1	- TRANSLATE TABLE 1
132	(84)	CHARACTER	8	NDHATAB2	- TRANSLATE TABLE 2
140	(8C)	CHARACTER	8	NDHATAB3	- TRANSLATE TABLE 3
148	(94)	CHARACTER	8	NDHATAB4	- TRANSLATE TABLE 4
156	(9C)	CHARACTER	8	NDHAFLSH	- FLASH CARTRIDGE ID
164	(A4)	CHARACTER	8	NDHAMODF	- COPY MODIFICATION ID
172	(AC)	CHARACTER	8	NDHACPYG	- COPY GROUPS
180	(B4)	SIGNED	4	NDHAEND(0)	- END OF 3800 CHARACTER SECTION
180	(B4)	BITSTRING	1	NDHASIZE(0)	- L'NDHASIZE = SIZE OF 3800 SECTION
		SECURITY SECTION			
180	(B4)	SIGNED	4	NDHT(0)	START OF SECURITY SECTION
180	(B4)	SIGNED	2	NDHTLEN	LENGTH OF SECURITY SECTION
182	(B6)	BITSTRING	1	NDHTTYPE	SECTION IDENTIFIER
		DEFINITION OF NDHTTYPE			
		1... 11..		NDHTSECI	"X'8C'" SECURITY SECTION IDENTIFIER
183	(B7)	BITSTRING	1	NDHTMOD	SECTION MODIFIER
		DEFINITION OF NDHTMOD			
		....		NDHTSECM	"X'00'" SECURITY SECTION MODIFIER
183	(B7)	X'4'	0	NDHTLENH	"*-NDHT" LENGTH OF THE SECURITY 0702 SECTION PREFIX 0702
184	(B8)	SIGNED	2	NDHTLENP	LENGTH OF VARIABLE PREFIX D016 SUBSECTION (NDHTLENP UP TO 0702 BUT NOT INCLUDING NDHTTOKN) 0702
186	(BA)	BITSTRING	2		RESERVED FOR DEVELOPMENT D016
186	(BA)	X'4'	0	NDHTPSIZ	"*-NDHTLENP" SIZE OF PREFIX SUBSECTION 0702
188	(BC)	BITSTRING	80	NDHTTOKN	SECURITY TOKEN
268	(10C)	SIGNED	4	NDHTEND(0)	- END OF SECURITY SECTION
268	(10C)	BITSTRING	1	NDHTSIZE(0)	- L'NDHTSIZE = SECTION LENGTH
		DATA STREAM SECTION #0		#0 #0 #0 #0	
268	(10C)	SIGNED	4	NDHS(0)	#0107
268	(10C)	SIGNED	2	NDHSLEN	DATA STREAM SECTION LENGTH #0107
270	(10E)	BITSTRING	1	NDHSTYPE	IDENTIFIER #0107
		----------#0 DEFINITION OF NDHSTYPE #0 ----------#0			
		1... 1..1		NDHSOUTI	"X'89'" DATA STREAM SEC IDENTIFIER #0107 #0107
271	(10F)	BITSTRING	1	NDHSMOD	MODIFIER #0107

Table 500. Structure NDHSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
----------#0 DEFINITION OF NSHSMOD #0 ----------#0					
		....		NDHSOUTM	"X'00'" OUTPUT SWB MODIFIER #0107 #0107
272	(110)	SIGNED	2	NDHSFLEN	LENGTH OF FIXED AREA #0107 #0107
274	(112)	BITSTRING	1	NDHSFLG1	FLAG 1 #0107
----------#0 DEFINITION OF NSHSFLG1 #0 ----------#0					
		1...		NDHSCPDS	"X'80'" COMPOSED PAGE DATA STREAM #0107 DATA EXISTS IN THE DATA SE#0107 #0107
275	(113)	BITSTRING	1	NDHSRSV1	RESERVED #0107
276	(114)	CHARACTER	8	NDHSJDVT	JDVT NAME #0107
284	(11C)	SIGNED	4	NDHSNSTR	NUMBER OF 'BEGIN PAGES' #0107
288	(120)	CHARACTER	8	NDHSGPID	OUTPUT NAME FOR DATA SET #0107
288	(120)	X'1C'	0	NDHSFIXL	"*-NDHS" FIXED AREA LENGTH
296	(128)	CHARACTER	1	NDHSSDAT(0)	START OF VARIABLE TEXT AREA#0107 FOR SWBS #0107 #0107
296	(128)	BITSTRING	1	NDHSSIZE(0)	- L'NDHSSIZE = SIZE OF THE #0107 DATA STREAM HEADER #0107
RECOMMENDED FORMAT FOR A USER SECTION					
296	(128)	SIGNED	4	NDHU(0)	START OF USER SECTION 0623
296	(128)	SIGNED	2	NDHULEN	LENGTH OF USER SECTION 0623
298	(12A)	BITSTRING	1	NDHUTYPE	IDENTIFIER 0623
DEFINITION OF NDHUTYPE 0 - BITS 0-1 MUST BE B'11' 0 - BITS 2-7 CAN BE ANYTHING 0					
		11..		NDHU$USR	"X'C0'" USER SECTION IDENTIFIER 0623 0623
299	(12B)	BITSTRING	1	NDHUMOD	MODIFIER 0623
DEFINITION OF NDHUMOD 0 - ANY VALUE IS ALLOWED 0					
		....		NDHU$MOD	"X'00'" USER SECTION MODIFIER 0623
300	(12C)	CHARACTER	4	NDHUCODE	USER INSTALLATION CODE - 0623 PLACE USER INFORMATION 0623 FIELDS BETWEEN 'NDHUCODE' 0623 AND 'NDHUEND' 0623
304	(130)	SIGNED	4	NDHUEND(0)	END OF USER SECTION 0623
304	(130)	BITSTRING	1	NDHUSIZE(0)	- L'NDHUSIZE = SIZE OF USER 0623 SECTION 0623
COMMON DATA SET HEADER INFORMATION					
304	(130)	BITSTRING	1	NDFL2DSP(0)	DISPLACEMENT TO NDHGFLG2
		111.		NDHSRCB	"X'E0'" - DATA SET HEADER SRCB
		....		NDGTYPE	"X'00'" - GENERAL TYPE
		....		NDGMOD	"X'00'" - GENERAL MODIFIER

Table 500. Structure NDHSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		NDAMOD	"X'80'" - 3800 MODIFIER

Table 501. Cross Reference for IATYNDH

Name	Offset	Hex Tag
NDAMOD	130	80
NDFL2DSP	130	
NDGMOD	130	0
NDGTYPE	130	0
NDHA	74	
NDHACPYG	AC	
NDHAEND	B4	
NDHAFLCT	79	
NDHAFLG1	78	
NDHAFLSH	9C	
NDHAF1BN	78	20
NDHAF1BR	78	40
NDHAF1J	78	80
NDHALEN	74	
NDHAMOD	77	
NDHAMODF	A4	
NDHASA	39	4
NDHASIZE	B4	
NDHATAB1	7C	
NDHATAB2	84	
NDHATAB3	8C	
NDHATAB4	94	
NDHATREF	7A	
NDHATYPE	76	
NDHCPDS	39	6
NDHENLEN	4	
NDHENMOD	7	
NDHENTRY	4	
NDHENTYP	6	
NDHFLAGS	2	
NDHG	4	
NDHGCLAS	33	
NDHGDDNM	28	
NDHGDSCT	3C	
NDHGDSNO	30	
NDHGEND	74	
NDHGFCB	48	
NDHGFCBI	3D	
NDHGFLG1	38	
NDHGFLG2	68	
NDHGFORM	40	

Table 501. Cross Reference for IATYNDH (continued)

Name	Offset	Hex Tag
NDHGF1DF	38	1
NDHGF1HD	38	40
NDHGF1IN	38	8
NDHGF1LC	38	4
NDHGF1LG	38	20
NDHGF1OV	38	10
NDHGF1SP	38	80
NDHGF1ST	38	2
NDHGF2HA	68	8
NDHGF2HB	68	10
NDHGF2HX	68	4
NDHGF2PR	68	80
NDHGF2PU	68	40
NDHGF2TR	68	2
NDHGLEN	4	
NDHGLNCT	3E	
NDHGLREC	3A	
NDHGMOD	7	
NDHGNAME	60	
NDHGNODE	8	
NDHGNREC	34	
NDHGPMDE	6C	
NDHGPROC	18	
NDHGRCFM	39	
NDHGRFF	39	80
NDHGRFU	39	C0
NDHGRFV	39	40
NDHGRMT	10	
NDHGSIZE	74	
NDHGSTEP	20	
NDHGTYPE	6	
NDHGUCS	50	
NDHGUCSD	69	80
NDHGUCSF	69	40
NDHGUCSO	69	
NDHGXWTR	58	
NDHLEN	0	
NDHMAC	39	2
NDHMAXLN	3	FFC
NDHPRLEN	3	4
NDHS	10C	
NDHSCPDS	112	80
NDHSEQ	3	
NDHSFIXL	120	1C
NDHSFLEN	110	
NDHSFLG1	112	

Table 501. Cross Reference for IATYNDH (continued)

Name	Offset	Hex Tag
NDHSGPID	120	
NDHSJDVT	114	
NDHSLEN	10C	
NDHSMOD	10F	
NDHSNSTR	11C	
NDHSOUTI	10E	89
NDHSOUTM	10F	0
NDHSRCB	130	E0
NDHSRSV1	113	
NDHSSDAT	128	
NDHSSIZE	128	
NDHSTART	0	
NDHSTYPE	10E	
NDHT	B4	
NDHTEND	10C	
NDHTLEN	B4	
NDHTLENH	B7	4
NDHTLENP	B8	
NDHTMOD	B7	
NDHTPSIZ	BA	4
NDHTSECI	B6	8C
NDHTSECM	B7	0
NDHTSIZE	10C	
NDHTTOKN	BC	
NDHTTYPE	B6	
NDHU	128	
NDHU$MOD	12B	0
NDHU$USR	12A	C0
NDHUCODE	12C	
NDHUEND	130	
NDHULEN	128	
NDHUMOD	12B	
NDHUSIZE	130	
NDHUTYPE	12A	

IATYNET information

IATYNET programming interface information

IATYNET is a programming interface.

IATYNET heading information

Common name: NET DJC CREATION DATA AREA

Macro ID: IATYNET

DSECT name: NCBENTRY

Owning component: JES3 (SC1BA)

Eye-catcher ID:	None
Storage attributes:	Main Storage: JES3 Private Area Auxiliary Storage: N/A
Size:	1144 Bytes
Created by:	IATISLG, which ALOADs IATDCND (the IATYNET data CSECT) each time a //*NET statement is found.
Pointed to by:	ISLMDCND in IATYISD (filled in each time IATDCND is ALOADed).
Serialization:	NONE
Function:	Data area used for dependent job control processing. Restriction: Do not use TYPE=CSECT unless AMODE and RMODE statements are added at the beginning of the module.

IATYNET mapping

Table 502. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

Table 503. Structure IATDCND

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATDCND	
0	(0)	SIGNED	4	NETBUILD(0)	NCB FIXED PORTION WORK AREA
96	(60)	BITSTRING	250	NETRLTAB	SUCCESSOR TABLE
346	(15A)	BITSTRING	250	NETRLTB	SUCCESSOR TABLE(2ND HALF)
596	(254)	SIGNED	4	NETCURR	- POINTER TO NEXT ENTRY IN BUFFER
600	(258)	SIGNED	4	NETEOC	- END OF INPUT CARD ADDRESS
604	(25C)	SIGNED	4	NETJNCB	- ADDRESS OF JNCB
608	(260)	SIGNED	4	NETVSIZE	- VARIABLE SIZE OF CURRENT NCB
612	(264)	SIGNED	4	NETRSVD	- RESERVED FOR DEVELOPMENT
616	(268)	SIGNED	4	NETDFCB	- ADDR OF DFCB FOR THIS JOB
624	(270)	DBL WORD	8	NETWORK1	- WORK AREA 1
632	(278)	DBL WORD	8	NETWORK2	- WORK AREA 2
640	(280)	DBL WORD	8	NETNETID	- JOB NET ID
648	(288)	CHARACTER	8	NETJBNM	- JOBNAME
656	(290)	CHARACTER	10	NETPARMW	- PARAMETER WORK AREA
666	(29A)	SIGNED	2	NETRLCNT	- NUMBER OF RELEASE JOBNAMES
668	(29C)	BITSTRING	1	NETFLAG1	- NET CSECT FLAG 1
669	(29D)	BITSTRING	1	NETFLAG2	- NET CSECT FLAG 2
670	(29E)	BITSTRING	1	NETFLAG3	- NET CSECT FLAG 3
		1...		NETDPOP	"X'80'" DEVPOOL PARM OPERATION
		.1..		NETDREL	"X'40'" DEVRELSE PARM FOUND
		..1.		NETDEVP	"X'20'" DEVPOOL PARM FOUND
		...1		NETDRYES	"X'10'" DEVICE RELEASE=YES
671	(29F)	BITSTRING	1	NETEND(0)	- END OF MAJOR SEGMENT
671	(29F)	BITSTRING	1	NETSIZE(0)	SIZE OF MAJOR SEGMENT
		ISNET MESSAGE WORK AREA			

Table 503. Structure IATDCND (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
671	(29F)	ADDRESS	1	NETMSG1	MESSAGE LENGTH
672	(2A0)	CHARACTER	16	NETMSG1B	
688	(2B0)	CHARACTER	8	NETMSGID	- NET ID
696	(2B8)	CHARACTER	20		
696	(2B8)	X'2CC'	0	NETMSG1E	"*"
716	(2CC)	ADDRESS	1	NETMSG2	MESSAGE LENGTH
717	(2CD)	CHARACTER	8		
725	(2D5)	CHARACTER	26	NETM2TXT	- VARIABLE MESSAGE TEXT
751	(2EF)	CHARACTER	13		
751	(2EF)	X'2FC'	0	NETMSG2E	"*"
764	(2FC)	ADDRESS	1	NETMSG3	MESSAGE LENGTH
765	(2FD)	CHARACTER	8		
773	(305)	CHARACTER	9	NETM3TXT	- VARIABLE MESSAGE TEXT
782	(30E)	CHARACTER	25		
782	(30E)	X'327'	0	NETMSG3E	"*"
807	(327)	ADDRESS	1	NETMSGCP	$$$$
808	(328)	CHARACTER	12		$$$$
820	(334)	CHARACTER	8	NETMSGCJ	$$$$
828	(33C)	CHARACTER	8		$$$$
836	(344)	CHARACTER	8	NETMSGCN	$$$$
844	(34C)	CHARACTER	26		$$$$
844	(34C)	X'366'	0	NETMSG5E	"*" $$$$

```
NETDCTMG MESSAGE TEXT=NETMSG1,MF=L
       $T6=z1.13.0 HJS7780 110309 PD0TN: z 1.13.0
```

872	(368)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
872	(368)	ADDRESS	4	NETDCTMG	Text Address
876	(36C)	BITSTRING	2		Destination Disp and Mask
878	(36E)	BITSTRING	1		ACTION flag
879	(36F)	ADDRESS	1		Options Flag
880	(370)	BITSTRING	2		Descriptor Codes
882	(372)	SIGNED	2		Reserved 2 Bytes
884	(374)	BITSTRING	17		Routing Codes
901	(385)	BITSTRING	1	(3)	Reserved
904	(388)	BITSTRING	1	(8)	Jobid
912	(390)	BITSTRING	1	(8)	Jobname
920	(398)	BITSTRING	1	(8)	Key
928	(3A0)	ADDRESS	4		CNDB Address 1
932	(3A4)	ADDRESS	4		CNDB Address 2
936	(3A8)	ADDRESS	4		CNDB Address 3
940	(3AC)	ADDRESS	4		CNDB Address 4
944	(3B0)	ADDRESS	4		CNDB Address 5
948	(3B4)	ADDRESS	4		MLWO Address

```
NETDUPJB MESSAGE TEXT=NETMSGCP,MF=L
       $T6=z1.13.0 HJS7780 110309 PD0TN: z 1.13.0
```

Table 503. Structure IATDCND (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
952	(3B8)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
952	(3B8)	ADDRESS	4	NETDUPJB	Text Address
956	(3BC)	BITSTRING	2		Destination Disp and Mask
958	(3BE)	BITSTRING	1		ACTION flag
959	(3BF)	ADDRESS	1		Options Flag
960	(3C0)	BITSTRING	2		Descriptor Codes
962	(3C2)	SIGNED	2		Reserved 2 Bytes
964	(3C4)	BITSTRING	17		Routing Codes
981	(3D5)	BITSTRING	1	(3)	Reserved
984	(3D8)	BITSTRING	1	(8)	Jobid
992	(3E0)	BITSTRING	1	(8)	Jobname
1000	(3E8)	BITSTRING	1	(8)	Key
1008	(3F0)	ADDRESS	4		CNDB Address 1
1012	(3F4)	ADDRESS	4		CNDB Address 2
1016	(3F8)	ADDRESS	4		CNDB Address 3
1020	(3FC)	ADDRESS	4		CNDB Address 4
1024	(400)	ADDRESS	4		CNDB Address 5
1028	(404)	ADDRESS	4		MLWO Address
		DEFINITION OF NETFLAG1			
		1		NORMPARM	"X'01'" - NORMAL PARAMETER HAS BEEN PROCESSED
		.... ..1.		NETABNRM	"X'02'" - ABNORMAL PARAMETER PROCESSED
		.... .1..		NHLDPARM	"X'04'" - NHOLD PARAMETER HAS BEEN PROCESSED
		.... 1...		NETOPHLD	"X'08'" - OPHOLD PARAMETER HAS BEEN PROCESSED
		...1		NETRELPM	"X'10'" - NETREL PARAMETER HAS BEEN PROCESSED
		..1.		NETPARM	"X'20'" - NETID PARAMETER HAS BEEN PROCESSED
		.1..		NETSUCCP	"X'40'" - RELEASE PARAMETER HAS BEEN PROCESSED
		1...		NRELSCH	"X'80'" - SCHEDULE RELEASE COUNT PROCESSED
		DEFINITION OF NETFLAG2			
		1		CONTREQ	"X'01'" - CONTINUATION CARD REQUIRED
		.... ..1.		RPAREN	"X'02'" - RIGHT PAREN IS A VALID TERMINATOR
		.... .1..		ENDOFCRD	"X'04'" - END OF CARD ENCOUNTERED
		.... 1...		ENDOFSCN	"X'08'" - END OF SCAN
		...1		RELCONT	"X'10'" - RELEASE CURRENTLY BEING PROCESSED
		..1.		RELSNGL	"X'20'" - SINGLE RELEASE PARM DEFINED
		.1..		NETNRCMP	"X'40'" NRCMP= PARM SPEC IN JCL
		1...		NETABCMP	"X'80'" ABCMP= PARM SPEC IN JCL

Table 503. Structure IATDCND (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF NETFLAG3			
		1...		NETRSBFL	"X'80'" FLUSHING RESUB OF COMP JOB
		.1..		NETWTDEL	"X'40'" NET WAITING FOR DELETE
1032	(408)	DBL WORD	8	NETIDTAB(0)	SET MODULE BOUNDARY $$$$
1032	(408)	BITSTRING	1	(0)	$$$$
1107	(453)	BITSTRING	1		PERIOD $$$$
1110	(456)	BITSTRING	1		PLUS $$$$
1112	(458)	BITSTRING	1		AMPERSAND $$$$
1123	(463)	BITSTRING	1	(2)	DOLLAR SIGN, ASTERISK $$$$
1128	(468)	BITSTRING	1		HYPHEN $$$$
1155	(483)	BITSTRING	1	(3)	POUND, 'AT', APOSTROPHE $$$$
1225	(4C9)	BITSTRING	1	(9)	A - I $$$$
1241	(4D9)	BITSTRING	1	(9)	J - R $$$$
1258	(4EA)	BITSTRING	1	(8)	S - Z $$$$
1272	(4F8)	BITSTRING	1	(10)	0 - 9 $$$$

Table 504. Cross Reference for IATYNET

Name	Offset	Hex Tag
CONTREQ	404	1
ENDOFCRD	404	4
ENDOFSCN	404	8
IATDCND	0	
NETABCMP	404	80
NETABNRM	404	2
NETBUILD	0	0
NETCURR	254	0
NETDCTMG	368	
NETDEVP	29E	20
NETDFCB	268	0
NETDPOP	29E	80
NETDREL	29E	40
NETDRYES	29E	10
NETDUPJB	3B8	
NETEND	29F	
NETEOC	258	0
NETFLAG1	29C	0
NETFLAG2	29D	0
NETFLAG3	29E	0
NETIDTAB	408	
NETJBNM	288	40404040
NETJNCB	25C	0
NETMSGCJ	334	40404040
NETMSGCN	344	40404040
NETMSGCP	327	

Table 504. Cross Reference for IATYNET (continued)

Name	Offset	Hex Tag
NETMSGID	2B0	40404040
NETMSG1	29F	
NETMSG1B	2A0	C9C1E3F6
NETMSG1E	2B8	2CC
NETMSG2	2CC	
NETMSG2E	2EF	2FC
NETMSG3	2FC	
NETMSG3E	30E	327
NETMSG5E	34C	366
NETM2TXT	2D5	40404040
NETM3TXT	305	40404040
NETNETID	280	0
NETNRCMP	404	40
NETOPHLD	404	8
NETPARM	404	20
NETPARMW	290	40404040
NETRELPM	404	10
NETRLCNT	29A	0
NETRLTAB	60	0
NETRLTB	15A	0
NETRSBFL	404	80
NETRSVD	264	0
NETSIZE	29F	
NETSUCCP	404	40
NETVSIZE	260	0
NETWORK1	270	0
NETWORK2	278	0
NETWTDEL	404	40
NHLDPARM	404	4
NORMPARM	404	1
NRELSCH	404	80
RELCONT	404	10
RELSNGL	404	20
RPAREN	404	2

IATYNFD information

IATYNFD programming interface information

The following fields are **NOT** programming interface information:

- *0146
- *0146
- ACMPRSS
- NFDAOSNT
- NFDCKSBP

- NFDCKSWB
- NFDRCVBL
- NFDRIFDB
- NFDRTVEC

IATYNFD heading information

Common name:	NETWORKING STORE-AND-FORWARD DATA AREA
Macro ID:	IATYNFD
DSECT name:	IATNTFD
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Main Storage: JES3 PRIVATE AREA Auxiliary Storage: N/A
Size:	6224 bytes
Created by:	ASSEMBLED IN IATNTFD
Pointed to by:	R13 (UPON ENTRY TO IATNTSF)
Serialization:	None
Function:	THIS IS THE MAPPING OF THE IATNTFD DATA CSECT. IT CONTAINS CONSTANTS, ADDRESSES AND WORK AREAS FOR USE BY THE NETWORKING STORE-AND-FORWARD DSP (IATNTSF).

IATYNFD mapping

Table 505. Structure IATNTFD

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATNTFD	

```
         IATYMOD BR=NO DATA CSECT IDENTIFIER
                   JES3 MODULE ENTRY POINT IDENTIFIER
01 Change Activity:
   $SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0
```

0	(0)	CHARACTER	8		MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM
36	(24)	SIGNED	2		RESERVED FOR ALIGNMENT

IATYNFF information

IATYNFF heading information

Common name:	
Macro ID:	IATYNFF
DSECT name:	NFFSTART
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None

Storage attributes:	Main Storage: Subpool 0 Auxiliary Storage: N/A Subpool: 0 (JSAM Buffer) Key: 1 Residency: Any
Size:	NFFSIZE
Created by:	IATNTJS
Pointed to by:	N/A
Serialization:	None
Function:	This macro is used to map the Networking FDB File entry. Each entry contains an index, an FDB pointing to a SYSOUT file, record count, line count, skip count (page count), and a byte count.

IATYNFF mapping

Table 506. Structure NFFSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NFFSTART	, FDB File Record
0	(0)	SIGNED	2	NFFINDEX	File index
2	(2)	BITSTRING	4	NFFRCNT	Record count
6	(6)	BITSTRING	32	NFFFDB	File FDB
38	(26)	BITSTRING	4	NFFLCNT	Line count
42	(2A)	BITSTRING	4	NFFPCNT	Page count
46	(2E)	BITSTRING	4	NFFBCNT	Byte count
50	(32)	BITSTRING	1	NFFSFLG1	Sysout Flag Byte 1
		1...		NFFSCPDS	"X'80'" Sysout File contains Stream ...Mode Data (CPDS)
51	(33)	BITSTRING	5	NFFRESVD	Reserved for IBM
56	(38)	BITSTRING	1	NFFEND(0)	End of FDB file record map
56	(38)	X'38'	0	NFFSIZE	"NFFEND-NFFSTART" Size of FDB file record map

Table 507. Cross Reference for IATYNFF

Name	Offset	Hex Tag
NFFBCNT	2E	0
NFFEND	38	
NFFFDB	6	0
NFFINDEX	0	0
NFFLCNT	26	0
NFFPCNT	2A	0
NFFRCNT	2	0
NFFRESVD	33	0
NFFSCPDS	32	80
NFFSFLG1	32	0
NFFSIZE	38	38
NFFSTART	0	

IATYNFT information

IATYNFT heading information

Common name:

Macro ID: IATYNFT

DSECT name: NFTSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: NFT
Offset: 0
Length: 4

Storage attributes: Main Storage: JSESUBPL (subpool 8)
Auxiliary Storage: N/A
Subpool: JSESUBPL (subpool 8)
Key: 1
Residency: Any

Size: 8 bytes

Created by: IATDCNC - NCBTAAD routine
IATINFT - STT Initialization

Pointed to by: JNNFTBUF in IATYJNT
JNNFTCBF in IATYJNT
JNNFTCBN in IATYJNT
NFTHNEXT in IATYNFT

Serialization: None

Function: This macro is used to map the NCB FDB Table buffers and entries. Each NFT entry contains the FDB of an NCB buffer on spool. Therefore, an NCB buffer can be read directly without having to read all of the previous buffers.

IATYNFT mapping

Table 508. Structure NFTHSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NFTHSTRT	, NCB FDB Table Header
0	(0)	CHARACTER	4	NFTHID	Control Block Id
4	(4)	ADDRESS	4	NFTHNEXT	Address of next NFT buffer on the chain.
8	(8)	SIGNED	4	NFTHALOC	Number of allocated NFT entries in this buffer
12	(C)	SIGNED	4	NFTHEND(0)	End of NCB FDB Table Header
12	(C)	X'C'	0	NFTHSIZE	"NFTHEND-NFTHSTRT" Size of NCB FDB Table Header
12	(C)	X'5'	0	NFTCOUNT	"5" Number of NFT entries in an NFT buffer
12	(C)	X'8'	0	NFTSUBPL	"8" Subpool used for NFT buffer pools

Table 509. Structure NFTSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NFTSTART	, NCB FDB Table Entry
0	(0)	BITSTRING	12	NFTNCBFD	NCB FDB
12	(C)	SIGNED	2	NFTBUFNO	NCB Buffer Number
16	(10)	SIGNED	4	NFTEND(0)	End of NCB FDB Table Entry Table Entry
16	(10)	X'10'	0	NFTSIZE	"NFTEND-NFTSTART" Size of NCB FDB Table Entry

Table 510. Cross Reference for IATYNFT

Name	Offset	Hex Tag
NFTBUFNO	C	0
NFTCOUNT	C	5
NFTEND	10	
NFTHALOC	8	0
NFTHEND	C	
NFTHID	0	D5C6E340
NFTHNEXT	4	
NFTHSIZE	C	C
NFTHSTRT	0	
NFTNCBFD	0	0
NFTSIZE	10	10
NFTSTART	0	
NFTSUBPL	C	8

IATYNJH information

IATYNJH programming interface information

IATYNJH is a programming interface.

IATYNJH heading information

Common name: FORMAT OF NETWORKING JOB HEADER

Macro ID: IATYNJH

DSECT name: NJHSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Main Storage: JES3 PRIVATE AREA
Auxiliary Storage: SPOOL

Size: 324 Bytes

Created by: IATISNJ, IATNTHT

Pointed to by: ISNHDFDB IN IATYNIS
NTHTNJH IN IATYNTHT

Serialization: None

Function: THE STANDARD JOB HEADER RECORD PRECEDES ALL JOBS AND OUTPUT SENT AND RECEIVED OVER THE NETWORK. IT CONTAINS IDENTIFICATION, ROUTING, EXECUTION AND ACCOUNTING INFO.

IATYNJH mapping

Table 511. Structure NJHSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NJHSTART	NJE Header Prefix
0	(0)	SIGNED	2	NJHLEN	Length of entire header
2	(2)	BITSTRING	1	NJHFLAGS	Prefix flags
3	(3)	BITSTRING	1	NJHSEQ	Sequence indicator
3	(3)	X'4'	0	NJHPRLEN	"*-NJHSTART" Prefix length
3	(3)	X'FFC'	0	NJHMAXLN	"4092" Maximum header length

Table 511. Structure NJHSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		THE FIRST FOUR BYTES OF EVERY SECTION MUST CONFORM TO THE FOLLOWING PROTOCOL: DISP LEN DESCRIPTION 0 2 LENGTH OF SECTION 2 1 SECTION IDENTIFIER 3 1 SECTION MODIFIER			
4	(4)	SIGNED	4	NJHENTRY(0)	BEGINNING OF SECTION
4	(4)	SIGNED	2	NJHENLEN	LENGTH OF SECTION
6	(6)	BITSTRING	1	NJHENTYP	SECTION IDENTIFIER
7	(7)	BITSTRING	1	NJHENMOD	SECTION MODIFIER
7	(7)	X'4'	0	NJHENSIZ	"*-NJHENTRY" SIZE OF SECTION PREFIX D016
		GENERAL SECTION			
4	(4)	SIGNED	4	NJHG(0)	- START OF GENERAL SECTION
4	(4)	SIGNED	2	NJHGLEN	- LENGTH OF GENERAL SECTION
6	(6)	BITSTRING	1	NJHGTYPE	- ID FOR GENERAL SECTION
7	(7)	BITSTRING	1	NJHGMOD	- MODIFIER
8	(8)	SIGNED	2	NJHGJID	2-byte job number at originating node, compatible with NJHGJNO - see IATXJBNO macro
10	(A)	BITSTRING	1	NJHGJCLS	- JOB CLASS
11	(B)	BITSTRING	1	NJHGMCLS	- MESSAGE CLASS
12	(C)	BITSTRING	1	NJHGFLG1	- FLAGS 0393
		DEFINITION OF NJHGFLG1			
		1...		NJHGF1PR	"X'80'" RECOMPUTE SELECTION PRIORITY
		.1..		NJHGF1JN	"X'40'" Extended job number exists
		...1		NJHGF1DU	"X'10'" Origin node path dubious
		.... 1...		NJHGF1CF	"X'08'" Store-and-forward msg flag
		.... .1..		NJHGF1CA	"X'04'" Destination node msg flag
		.... ..1.		NJHGF1PE	"X'02'" OLD PASSWORD IS ENCRYPTED; OLD PASSWORD LENGTH = 8
		1		NJHGF1NE	"X'01'" NEW PASSWORD IS ENCRYPTED; NEW PASSWORD LENGTH = 8
13	(D)	BITSTRING	1	NJHGPRIO	- PRIORITY
14	(E)	BITSTRING	1	NJHGORGQ	- ORIGIN NODE SYSTEM QUALIFIER
15	(F)	BITSTRING	1	NJHGJCPY	- JOB COPY COUNT
16	(10)	BITSTRING	1	NJHGLNCT	- JOB LINE COUNT
17	(11)	CHARACTER	1		- RESERVED FOR DEVELOPMENT
18	(12)	SIGNED	2	NJHGHOPS	CONNECTION HOP COUNT
20	(14)	CHARACTER	8	NJHGACCT	- NETWORK ACCOUNT NUMBER
28	(1C)	CHARACTER	8	NJHGJNAM	- JOB NAME
36	(24)	CHARACTER	8	NJHGUSID	- USER ID FOR NOTIFICATION
44	(2C)	CHARACTER	8	NJHGPASS	- SECURITY CODE
52	(34)	CHARACTER	8	NJHGNPAS	- NEW PASSWORD
60	(3C)	CHARACTER	8	NJHGETS	- ENTRY TIME/DATE (S370 'STCK')
68	(44)	CHARACTER	8	NJHGORGN	- ORIGIN NODE
76	(4C)	CHARACTER	8	NJHGORGR	- ORIGIN TSO OR REMOTE USER

Table 511. Structure NJHSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
84	(54)	CHARACTER	8	NJHGXEQN	- EXECUTION NODE
92	(5C)	CHARACTER	8	NJHGXEQU	- EXECUTION USER ID
100	(64)	CHARACTER	8	NJHGPRTN	- DEFAULT PRINT NODE NAME
108	(6C)	CHARACTER	8	NJHGPRTR	- DEFAULT PRINT REMOTE NAME
116	(74)	CHARACTER	8	NJHGPUNN	- DEFAULT PUNCH NODE NAME
124	(7C)	CHARACTER	8	NJHGPUNR	- DEFAULT PUNCH REMOTE NAME
132	(84)	CHARACTER	8	NJHGFORM	- JOB FORMS
140	(8C)	SIGNED	4	NJHGICRD	- INPUT CARD COUNT
144	(90)	SIGNED	4	NJHGETIM	- ESTIMATED EXECUTION TIME
148	(94)	SIGNED	4	NJHGELIN	- ESTIMATED OUTPUT LINES
152	(98)	SIGNED	4	NJHGECRD	- ESTIMATED OUTPUT CARDS
156	(9C)	CHARACTER	20	NJHGPRGN	- PROGRAMMER NAME
176	(B0)	CHARACTER	8	NJHGROOM	- PROGRAMMER ROOM NUMBER
184	(B8)	CHARACTER	8	NJHGDEPT	- PROGRAMMER DEPT NUMBER
192	(C0)	CHARACTER	8	NJHGBLDG	- PROGRAMMER BLDG NUMBER
200	(C8)	SIGNED	4	NJHGNREC	- SYSOUT RECORD COUNT
	THE FOLLOWING TWO FIELDS REPRESENT A JOB HEADER EXTENSION. THEIR PRESENCE MUST BE TESTED FOR BY USING THE LENGTH SUPPLIED IN 'NJHGLEN'.				
204	(CC)	SIGNED	4	NJHGJNO	Expanded job number
208	(D0)	CHARACTER	8	NJHGNTYN	- NOTIFY NODE NAME
216	(D8)	BITSTRING	0	NJNTYDSP(0)	DISPLACEMENT TO NJHGNTYN
216	(D8)	SIGNED	4	NJHGEND(0)	- END OF GENERAL SECTION
216	(D8)	BITSTRING	1	NJHGSIZE(0)	- L'NJHGSIZE = SIZE OF GENERAL SECTION
	JOB SCHEDULING SECTION				
216	(D8)	SIGNED	4	NJHS(0)	- START OF JOB SCHEDULING SEC
216	(D8)	SIGNED	2	NJHSLEN	- LENGTH OF JOB SCHEDULING SEC
218	(DA)	BITSTRING	1	NJHSTYPE	- IDENTIFIER
	DEFINITION OF NJHSTYPE				
		1... 1.1.		NJHSJSI	"X'8A'" JOB SCHEDULING IDENTIFIER
219	(DB)	BITSTRING	1	NJHSMOD	- MODIFIER
	DEFINITION OF NJHSMOD				
		....		NJHSJSM	"X'00'" JOB SCHEDULING MODIFIER
220	(DC)	SIGNED	4	NJHSPAGE	- ESTIMATED 'BEGIN PAGE'
224	(E0)	SIGNED	4	NJHSBYTE	- ESTIMATED OUTPUT BYTES
228	(E4)	CHARACTER	8	NJHSCLS8	Eight character job class 18620TAA
236	(EC)	CHARACTER	64	NJHSOCOR	Original job correlator 18620TAA
300	(12C)	CHARACTER	8	NJHSXSYS	Name of system where job 18620TAA execution occurred 18620TAA
308	(134)	SIGNED	4	NJHSEND(0)	- END OF JOB SCHEDULING SEC
308	(134)	BITSTRING	1	NJHSSIZE(0)	- L'NJHSSIZE = SIZE OF JOB SCHEDULING SECTION

Table 511. Structure NJHSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		SECURITY SECTION			
308	(134)	SIGNED	4	NJHT(0)	START OF SECURITY SECTION
308	(134)	SIGNED	2	NJHTLEN	LENGTH OF SECURITY SECTION
310	(136)	BITSTRING	1	NJHTTYPE	SECTION IDENTIFIER
		DEFINITION OF NJHTTYPE			
		1... 11..		NJHTSECI	"X'8C'" SECURITY SECTION IDENTIFIER
311	(137)	BITSTRING	1	NJHTMOD	SECTION MODIFIER
		DEFINITION OF NJHTMOD			
		....		NJHTSECM	"X'00'" SECURITY SECTION MODIFIER
311	(137)	X'4'	0	NJHTLENH	"*-NJHT" LENGTH OF THE SECURITY 0702 SECTION PREFIX 0702
312	(138)	SIGNED	2	NJHTLENP	LENGTH OF VARIABLE PREFIX D016 SUBSECTION (NJHTLENP UP TO 0702 BUT NOT INCLUDING NJHTTOKN) 0702
314	(13A)	BITSTRING	1	NJHTFLG0	PREFIX SUBSECTION FLAGS D016
		DEFINITION OF NJHTFLG0 D			
		1...		NJHTF0JB	"X'80'" 0 - TOKEN IN NJHTTOKN D016 REPRESENTS THE JOB D016 SUBMITTOR D016 1 - TOKEN IN NJHTTOKN D016 REPRESENTS THE JOB D016 OWNER D016
315	(13B)	BITSTRING	1		RESERVED FOR DEVELOPMENT D016
315	(13B)	X'4'	0	NJHTPSIZ	"*-NJHTLENP" SIZE OF PREFIX SUBSECTION 0702
316	(13C)	BITSTRING	80	NJHTTOKN	SECURITY TOKEN
396	(18C)	SIGNED	4	NJHTEND(0)	- END OF SECURITY SECTION
396	(18C)	BITSTRING	1	NJHTSIZE(0)	- L'NJHTSIZE = SECTION LENGTH
		RECOMMENDED FORMAT FOR A USER SECTION			
396	(18C)	SIGNED	4	NJHU(0)	START OF USER SECTION 0623
396	(18C)	SIGNED	2	NJHULEN	LENGTH OF USER SECTION 0623
398	(18E)	BITSTRING	1	NJHUTYPE	IDENTIFIER 0623
		DEFINITION OF NJHUTYPE 0 - BITS 0-1 MUST BE B'11' 0 - BITS 2-7 CAN BE ANYTHING 0			
		11..		NJHU$USR	"X'C0'" USER SECTION IDENTIFIER 0623 0623
399	(18F)	BITSTRING	1	NJHUMOD	MODIFIER 0623
		DEFINITION OF NJHUMOD 0 - ANY VALUE IS ALLOWED 0			
		....		NJHU$MOD	"X'00'" USER SECTION MODIFIER 0623
400	(190)	CHARACTER	4	NJHUCODE	USER INSTALLATION CODE - 0623 PLACE USER INFORMATION 0623 FIELDS BETWEEN 'NJHUCODE' 0623 AND 'NJHUEND' 0623
404	(194)	SIGNED	4	NJHUEND(0)	END OF USER SECTION 0623

Table 511. Structure NJHSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
404	(194)	BITSTRING	1	NJHUSIZE(0)	- L'NJHUSIZE = SIZE OF USER 0623 SECTION 0623
		COMMON JOB HEADER INFORMATION			
		11..		NJHSRCB	"X'C0'"

Table 512. Cross Reference for IATYNJH

Name	Offset	Hex Tag
NJHENLEN	4	
NJHENMOD	7	
NJHENSIZ	7	4
NJHENTRY	4	
NJHENTYP	6	
NJHFLAGS	2	
NJHG	4	
NJHGACCT	14	
NJHGBLDG	C0	
NJHGDEPT	B8	
NJHGECRD	98	
NJHGELIN	94	
NJHGEND	D8	
NJHGETIM	90	
NJHGETS	3C	
NJHGFLG1	C	
NJHGFORM	84	
NJHGF1CA	C	4
NJHGF1CF	C	8
NJHGF1DU	C	10
NJHGF1JN	C	40
NJHGF1NE	C	1
NJHGF1PE	C	2
NJHGF1PR	C	80
NJHGHOPS	12	
NJHGICRD	8C	
NJHGJCLS	A	
NJHGJCPY	F	
NJHGJID	8	
NJHGJNAM	1C	
NJHGJNO	CC	
NJHGLEN	4	
NJHGLNCT	10	
NJHGMCLS	B	
NJHGMOD	7	
NJHGNPAS	34	
NJHGNREC	C8	
NJHGNTYN	D0	

Table 512. Cross Reference for IATYNJH (continued)

Name	Offset	Hex Tag
NJHGORGN	44	
NJHGORGQ	E	
NJHGORGR	4C	
NJHGPASS	2C	
NJHGPRGN	9C	
NJHGPRIO	D	
NJHGPRTN	64	
NJHGPRTR	6C	
NJHGPUNN	74	
NJHGPUNR	7C	
NJHGROOM	B0	
NJHGSIZE	D8	
NJHGTYPE	6	
NJHGUSID	24	
NJHGXEQN	54	
NJHGXEQU	5C	
NJHLEN	0	
NJHMAXLN	3	FFC
NJHPRLEN	3	4
NJHS	D8	
NJHSBYTE	E0	
NJHSCLS8	E4	
NJHSEND	134	
NJHSEQ	3	
NJHSJSI	DA	8A
NJHSJSM	DB	0
NJHSLEN	D8	
NJHSMOD	DB	
NJHSOCOR	EC	
NJHSPAGE	DC	
NJHSRCB	194	C0
NJHSSIZE	134	
NJHSTART	0	
NJHSTYPE	DA	
NJHSXSYS	12C	
NJHT	134	
NJHTEND	18C	
NJHTFLG0	13A	
NJHTF0JB	13A	80
NJHTLEN	134	
NJHTLENH	137	4
NJHTLENP	138	
NJHTMOD	137	
NJHTPSIZ	13B	4
NJHTSECI	136	8C
NJHTSECM	137	0

Table 512. Cross Reference for IATYNJH (continued)

Name	Offset	Hex Tag
NJHTSIZE	18C	
NJHTTOKN	13C	
NJHTTYPE	136	
NJHU	18C	
NJHU$MOD	18F	0
NJHU$USR	18E	C0
NJHUCODE	190	
NJHUEND	194	
NJHULEN	18C	
NJHUMOD	18F	
NJHUSIZE	194	
NJHUTYPE	18E	
NJNTYDSP	D8	

IATYNJT information

IATYNJT programming interface information

IATYNJT is a programming interface.

IATYNJT heading information

Common name: FORMAT OF NETWORKING JOB TRAILER RECORD

Macro ID: IATYNJT

DSECT name: NJTSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Main Storage: JES3 PRIVATE
Auxiliary Storage: SPOOL

Size: 68 Bytes

Created by: IATISNJ, IATNTHT

Pointed to by: NTHTNJT IN IATYNTHT

Serialization: None

Function: THE STANDARD JOB TRAILER RECORD FOLLOWS ALL JOB AND SYSOUT DATA SENT AND RECEIVED OVER THE NETWORK. IT CONTAINS EXECUTION AND ACCOUNTING INFORMATION.

IATYNJT mapping

Table 513. Structure NJTSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NJTSTART	NJE Header Prefix
0	(0)	SIGNED	2	NJTLEN	Length of entire header
2	(2)	BITSTRING	1	NJTFLAGS	Prefix flags
3	(3)	BITSTRING	1	NJTSEQ	Sequence indicator
3	(3)	X'4'	0	NJTPRLEN	"*-NJTSTART" Prefix length
3	(3)	X'FFC'	0	NJTMAXLN	"4092" Maximum header length

Table 513. Structure NJTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		THE FIRST FOUR BYTES OF EVERY SECTION MUST CONFORM TO THE FOLLOWING PROTOCOL: DISP LEN DESCRIPTION 0 2 LENGTH OF SECTION 2 1 SECTION IDENTIFIER 3 1 SECTION MODIFIER			
4	(4)	SIGNED	4	NJTENTRY(0)	BEGINNING OF SECTION
4	(4)	SIGNED	2	NJTENLEN	LENGTH OF SECTION
6	(6)	BITSTRING	1	NJTENTYP	SECTION IDENTIFIER
7	(7)	BITSTRING	1	NJTENMOD	SECTION MODIFIER
		GENERAL SECTION			
4	(4)	SIGNED	4	NJTG(0)	- START OF GENERAL SECTION
4	(4)	SIGNED	2	NJTGLEN	- LENGTH OF GENERAL SECTION
6	(6)	BITSTRING	1	NJTGTYPE	- ID FOR GENERAL SECTION
7	(7)	BITSTRING	1	NJTGMOD	- MODIFIER
8	(8)	BITSTRING	1	NJTGFLG1	- FLAGS
9	(9)	BITSTRING	1	NJTGXCLS	The actual execution class of the job
10	(A)	SIGNED	2	NJTGRSV1	Reserved for IBM
12	(C)	CHARACTER	8	NJTGSTRT	The time of day the job started execution in System/370 TOD clock format (GMT)
20	(14)	CHARACTER	8	NJTGSTOP	The time the job completed execution in System/370 TOD clock format (GMT)
28	(1C)	SIGNED	4	NJTGRSV2	Reserved for IBM
32	(20)	SIGNED	4	NJTGALIN	The total number of print lines for this job or job segment at all locations. This is not multiplied by the number of copies
36	(24)	SIGNED	4	NJTGACRD	The total number of card images produced for this job or job segment at all locations. This is not multiplied by the number of copies
40	(28)	SIGNED	4	NJTGRSV3	Reserved for IBM
44	(2C)	BITSTRING	1	NJTGIXPR	The initial requested execution selection priority
45	(2D)	BITSTRING	1	NJTGAXPR	The actual execution selection priority used
46	(2E)	BITSTRING	1	NJTGIOPR	The initial job priority for output selection
47	(2F)	BITSTRING	1	NJTGAOPR	The actual output selection priority used
48	(30)	BITSTRING	4	NJTGCOMP(0)	--+ Maximum Job Return Code
48	(30)	BITSTRING	1	NJTJCAB	| Job completion indicator
		1...		NJTJCCC	"X'80'" | Abend code exists
		.1..		NJTGCCDE	"X'40'" | Condition code exists
48	(30)	X'0'	0	NJTGCUNK	"0" | No completion info
48	(30)	X'1'	0	NJTGCNRM	"1" | Job ended normally +
48	(30)	X'2'	0	NJTGCECC	"2" | Job ended by CC +
48	(30)	X'3'	0	NJTGCJCL	"3" | Job had a JCL error
48	(30)	X'4'	0	NJTGCCAN	"4" | Job was canceled
48	(30)	X'5'	0	NJTGCABN	"5" | Job ABENDed +

Table 513. Structure NJTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
48	(30)	X'6'	0	NJTGCCAB	"6" | Converter ABENDed
48	(30)	X'7'	0	NJTGCSEC	"7" | Security error
48	(30)	X'8'	0	NJTGCEOM	"8" | Job failed in EOM +
49	(31)	BITSTRING	3	NJTGCODE	--+ Completion code (set for '+' conditions)
52	(34)	SIGNED	4	NJTGEND(0)	- END OF GENERAL SECTION
52	(34)	BITSTRING	1	NJTGSIZE(0)	- L'NJTGSIZE = SIZE OF GENERAL SECTION
		JOB TRAILER ACCOUNTING SECTION			
52	(34)	SIGNED	4	NJTS(0)	- START OF ACCOUNTING SECTION
52	(34)	SIGNED	2	NJTSLEN	- LENGTH OF ACCOUNTING SECTION
54	(36)	BITSTRING	1	NJTSTYPE	- IDENTIFIER
		DEFINITION OF NJTSTYPE			
		1... 1..1		NJTSACTI	"X'89'" ACCOUNTING SEC IDENTIFIER
55	(37)	BITSTRING	1	NJTSMOD	- MODIFIER
		DEFINITION OF NJTSMOD			
		....		NJTSACTM	"X'00'" ACCOUNTING SECTION MODIFIER
56	(38)	SIGNED	4	NJTSAPAG	- ACTUAL 'BEGIN PAGE' COUNT
60	(3C)	SIGNED	4	NJTSABYT	- ACTUAL OUTPUT BYTES COUNT
64	(40)	SIGNED	4	NJTSEND(0)	- END OF ACCOUNTING SECTION
64	(40)	BITSTRING	1	NJTSSIZE(0)	- L'NJTSSIZE = SIZE OF ACCOUNTING SECTION
		RECOMMENDED FORMAT FOR A USER SECTION			
64	(40)	SIGNED	4	NJTU(0)	START OF USER SECTION 0623
64	(40)	SIGNED	2	NJTULEN	LENGTH OF USER SECTION 0623
66	(42)	BITSTRING	1	NJTUTYPE	IDENTIFIER 0623
		DEFINITION OF NJTUTYPE 0 - BITS 0-1 MUST BE B'11' 0 - BITS 2-7 CAN BE ANYTHING 0			
		11..		NJTU$USR	"X'C0'" USER SECTION IDENTIFIER 0623 0623
67	(43)	BITSTRING	1	NJTUMOD	MODIFIER 0623
		DEFINITION OF NJTUMOD 0 - ANY VALUE IS ALLOWED 0			
		....		NJTU$MOD	"X'00'" USER SECTION MODIFIER 0623
68	(44)	CHARACTER	4	NJTUCODE	USER INSTALLATION CODE - 0623 PLACE USER INFORMATION 0623 FIELDS BETWEEN 'NJTUCODE' 0623 AND 'NJTUEND' 0623
72	(48)	SIGNED	4	NJTUEND(0)	END OF USER SECTION 0623
72	(48)	BITSTRING	1	NJTUSIZE(0)	- L'NJTUSIZE = SIZE OF USER 0623 SECTION 0623
		COMMON JOB TRAILER INFORMATION			

Table 513. Structure NJTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		11.1		NJTSRCB	"X'D0'"

Table 514. Cross Reference for IATYNJT

Name	Offset	Hex Tag
NJTENLEN	4	
NJTENMOD	7	
NJTENTRY	4	
NJTENTYP	6	
NJTFLAGS	2	
NJTG	4	
NJTGACRD	24	
NJTGALIN	20	
NJTGAOPR	2F	
NJTGAXPR	2D	
NJTGCABN	30	5
NJTGCCAB	30	6
NJTGCCAN	30	4
NJTGCCDE	30	40
NJTGCECC	30	2
NJTGCEOM	30	8
NJTGCJCL	30	3
NJTGCNRM	30	1
NJTGCODE	31	
NJTGCOMP	30	
NJTGCSEC	30	7
NJTGCUNK	30	0
NJTGEND	34	
NJTGFLG1	8	
NJTGIOPR	2E	
NJTGIXPR	2C	
NJTGLEN	4	
NJTGMOD	7	
NJTGRSV1	A	
NJTGRSV2	1C	
NJTGRSV3	28	
NJTGSIZE	34	
NJTGSTOP	14	
NJTGSTRT	C	
NJTGTYPE	6	
NJTGXCLS	9	
NJTJCAB	30	
NJTJCCC	30	80
NJTLEN	0	
NJTMAXLN	3	FFC
NJTPRLEN	3	4

Table 514. Cross Reference for IATYNJT (continued)

Name	Offset	Hex Tag
NJTS	34	
NJTSABYT	3C	
NJTSACTI	36	89
NJTSACTM	37	0
NJTSAPAG	38	
NJTSEND	40	
NJTSEQ	3	
NJTSLEN	34	
NJTSMOD	37	
NJTSRCB	48	D0
NJTSSIZE	40	
NJTSTART	0	
NJTSTYPE	36	
NJTU	40	
NJTU$MOD	43	0
NJTU$USR	42	C0
NJTUCODE	44	
NJTUEND	48	
NJTULEN	40	
NJTUMOD	43	
NJTUSIZE	48	
NJTUTYPE	42	

IATYNJY information

IATYNJY programming interface information

IATYNJY is a programming interface.

IATYNJY heading information

Common name:	NETWORKING TABLE ENTRY MACRO
Macro ID:	IATYNJY
DSECT name:	NJYHASH
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	NJYH Offset: 0 Length: 4
Storage attributes:	Main Storage: JES3 PRIVATE AREA Auxiliary Storage: N/A
Size:	104 Bytes
Created by:	IATINN4

Pointed to by:

ANJETBL IN IATYTVT
ANJETBL POINTS TO A HASHING STRUCTURE USED
TO REDUCE THE PATHLENGTH NEEDED TO FIND A
NODE NAME. STRUCTURE LOOKS LIKE:

```
NJYH
TVT *-----------------------------------*
*--------* *--->| | | |O0|O1|O2|O3|... |
| | | *-----------------------------------*
| | | _________|
| | | | YNJY
| | | ->*--------* YNJY
|--------| | |NJYCHAIN|----->*-------*
|ANJETBL |--* |--------| | |
|--------| | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| |*--------* *-------*
| |
*--------*
```

THE INDIVIDUAL NODES ARE CHAINED FROM OFFSET (OX) IN
THE HASH TABLE USING THE THREAD NJEHNXT IN THE INDIVDUAL
NJE NODE ENTRIES. THE NUMBER OF HASH BASES IS DETERMINED
BY IATINN4.

Serialization: None

Function: THIS MACRO CONTAINS THE FORMATTED LAYOUT
OF EACH ENTRY INCLUDED IN THE NETWORKING
NODE TABLE.

IATYNJY mapping

Table 515. Structure NJYHASH

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NJYHASH	D004
0	(0)	CHARACTER	4	NJYHEYE	"NJYH" D004
4	(4)	ADDRESS	4	NJYHSEG	POINTER TO FIRST NJE NODE D004 TABLE SEGMENT D004
8	(8)	ADDRESS	4	NJYHENT	ADDRESS OF FIRST ENTRY IN D004 FIRST TABLE SEGMENT. D004
		2 LINES DELETED BY PTM PHZ0064 0			
12	(C)	SIGNED	4	NJYHNUM	HASH NUMBER D004
16	(10)	SIGNED	4	NJYHSIZ	SIZE OF HASH TABLE D004
20	(14)	SIGNED	4		RESERVED FOR DEVELOPMENT 0064
24	(18)	DBL WORD	8		RESERVED FOR DEVELOPMENT 0064
32	(20)	SIGNED	4	NJYHOFF(0)	BEGINNING OF THE HASH TABLE D004
32	(20)	BITSTRING	1	NJYHFIX(0)	D004

Table 516. Structure NJYTABLE

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NJYTABLE	
0	(0)	ADDRESS	4	NJYCHAIN	ADDRESS OF NEXT TABLE EXTENT
4	(4)	ADDRESS	4	NJYLAST	ADDRESS OF LAST REAL ENTRY
8	(8)	SIGNED	2	NJYTOTAL	NO. OF ENTRIES THIS EXTENT
10	(A)	SIGNED	2	NJYAVAIL	NO. OF ENTRIES AVAILABLE
12	(C)	SIGNED	4	NJYRSVD1(2)	RESERVED FOR DEVELOPMENT
20	(14)	SIGNED	4	NJYRSVD2	RESERVED FOR SERVICE

Table 516. Structure NJYTABLE (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
24	(18)	SIGNED	4	NJYEND(0)	END OF TABLE EXTENT HEADER
24	(18)	BITSTRING	1	NJYSIZE(0)	L'NJYSIZE = SIZE OF HEADER

Table 517. Structure NJEENTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NJEENTRY	
0	(0)	CHARACTER	8	NJENAME	- NETWORKING NODE NAME
8	(8)	CHARACTER	8	NJEPATH	- TRANSMISSION PATH
16	(10)	CHARACTER	8	NJELINE	- NETWORKING LINE NAME
	For TCPIP nodes, the first and last socket pointers are doubly defined over NJELINE, which is used for BSC only.				
16	(10)	ADDRESS	4	NJEFSOCK	First socket
20	(14)	ADDRESS	4	NJELSOCK	Last socket
24	(18)	CHARACTER	8	NJEEXSIG	- SIGNATURE EXPECTED FROM RMT NODE
32	(20)	CHARACTER	8	NJEEXPWD	- PASSWORD EXPECTED FROM RMT NODE
40	(28)	SIGNED	4	NJENEXT	PHYSICAL ENTRY- SERIAL SRCH 0064
44	(2C)	SIGNED	4	NJEHNXT	HASH ENTRY- HASH SEARCH 0064
48	(30)	SIGNED	2	NJESPNDX	Spool Partition Index 0028
50	(32)	BITSTRING	1	NJEFLAG3	NJE Flag 3
		1...		NJEXTNDD	"X'80'" NJE Entry has an extension - reserved for future expansion
		.1..		NJENOPRE	"X'40'" Set when PRECHECK=NO - applies to HOME node only
		..1.		NJENOVFY	"X'20'" Set when VFYPATH=NO
		...1		NJEFL310	"X'10'" Reserved for IBM
		.... 1...		NJEFL308	"X'08'" Reserved for IBM
		.... .1..		NJEFL304	"X'04'" Reserved for IBM
		.... ..1.		NJEFL302	"X'02'" Reserved for IBM
		1		NJEFL301	"X'01'" Reserved for IBM
51	(33)	BITSTRING	1	NJEMXCT	Allowable max line
52	(34)	CHARACTER	8	NJESIG	- SIGNATURE SENT TO RMT NODE
60	(3C)	CHARACTER	8	NJEPWD	- PASSWORD SENT TO RMT NODE
68	(44)	CHARACTER	8	NJEBDTID	- BDT NODE IN JES3 COMPLEX
68	(44)	X'3'	0	NJECSCNT	"3" Number of line data CSECTs
76	(4C)	SIGNED	4	NJECSACT(0)	- Pointer to line data CSECTs for node
88	(58)	BITSTRING	4	NJECSTRM	- Data CSECT table terminator
	For TCPIP nodes, the transmitters and receivers are are doubly defined over the first word of NJECSACT. NJECSACT is used for BSC only.				
76	(4C)	ADDRESS	1	NJEJTRN	Job transmitters
77	(4D)	ADDRESS	1	NJEOTRN	Output transmitters
78	(4E)	ADDRESS	1	NJEJRCV	Job receivers
79	(4F)	ADDRESS	1	NJEORCV	Output receivers
80	(50)	BITSTRING	1	NJETCPF1	TCP/IP related flag 1

Table 517. Structure NJEENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		Definition of bits in NJETCPF1			
		1...		NJESOCND	"X'80'" - Issued 'IAT9352 - No socket defined for node' message
		.1..		NJESOCNA	"X'40'" - Issued 'IAT9352 - No socket active for node' message
		..1.		NJESOCDF	"X'20'" - Sockets defined for node
		...1		NJESOCAC	"X'10'" - Sockets active for node
		.... 1...		NJETF108	"X'08'" - Reserved for IBM - TCP/IP
		.... .1..		NJETF104	"X'04'" - Reserved for IBM - TCP/IP
		.... ..1.		NJETF102	"X'02'" - Reserved for IBM - TCP/IP
		1		NJETF101	"X'01'" - Reserved for IBM - TCP/IP
81	(51)	BITSTRING	3	NJETRSV1	Reserved for IBM - TCP/IP
84	(54)	ADDRESS	4	NJE9352A	Console message buffer addrs
88	(58)	ADDRESS	4	NJETCPA	Netserv TCP CSECT address
92	(5C)	SIGNED	2	NJEBFSIZ	- TRANSMISSION BUFFER SIZE
94	(5E)	SIGNED	2	NJERDLY	- RESTART DELAY (MINUTES)
96	(60)	SIGNED	2	NJERTYCT	- NUMBER OF IO RETRY ATTEMPTS
98	(62)	BITSTRING	1	NJEFLAG1	- NJE FLAG
		DEFINITION OF BITS IN NJEFLAG1			
		1...		NJECTC	"X'80'" - CTC LINK
		.1..		NJEAUTO	"X'40'" - AUTOMATIC RESTART
		..1.		NJEMULTI	"X'20'" - MULTIPLE STREAM SUPPORT
		...1		NJEHOME	"X'10'" - HOME (LOCAL) NODE
		.... 1...		NJEPWENC	"X'08'" - JOB PASSWORD(S) SHOULD BE D016 ENCRYPTED
		.... .1..		NJEPWLOC	"X'04'" - JOB PASSWORD(S) SHOULD BE D016 CHECKED AT THIS NODE D016
		.... ..1.		NJEHOLD	"X'02'" - PUT JOBS IN HOLD
		1		NJETYPSN	"X'01'" - PROTOCOL TYPE IS SNA
99	(63)	BITSTRING	1	NJEFLAG2	NJE Flag 2 0008
		1...		NJEALIAS	"X'80'" ALIAS= definition
		.1..		NJENTHLD	"X'40'" Incoming sysout that appears0008 to be NETDATA (NDHGRMT = 0008 NDHGXWTR) should be held 0008 for TSO RECEIVE even if 0008 destination is known to 0008 JES3 0008
		..1.		NJEXNMNR	"X'20'" External writer name is not required for incoming SYSOUT to be held for EXTWTR
		...1		NJENODEF	"X'10'" Default SYSOUT classes will not be assigned
		.... 1...		NJETCPIP	"X'08'" Protocol type is TCP/IP
		.... .1..		NJESCSGN	"X'04'" Secure signon (TCPIP only)
		.... ..1.		NJEACTIV	"X'02'" Node is active (TCPIP only)
		1		NJETLS	"X'01'" Node is TLS (TCPIP only)
100	(64)	CHARACTER	1	NJEPRDEF	- NODAL DEFAULT PRINT CLASS
101	(65)	CHARACTER	1	NJETSODF	NODAL DEFAULT TSO CLASS

Table 517. Structure NJEENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
102	(66)	CHARACTER	1	NJEXWTDF	NODAL DEFAULT XWTR DEFAULT
103	(67)	CHARACTER	1	NJEPUDEF	- NODAL DEFAULT PUNCH CLASS
104	(68)	SIGNED	4	NJEEND(0)	- END OF ENTRY
104	(68)	BITSTRING	1	NJESIZE(0)	- L'NJESIZE = SIZE OF ENTRY
104	(68)	X'68'	0	IRMTSIZE	"L'NJESIZE" Length for writing itext

Table 518. Cross Reference for IATYNJY

Name	Offset	Hex Tag
IRMTSIZE	68	68
NJEACTIV	63	2
NJEALIAS	63	80
NJEAUTO	62	40
NJEBDTID	44	
NJEBFSIZ	5C	
NJECSACT	4C	
NJECSCNT	44	3
NJECSTRM	58	7F7F7F7F
NJECTC	62	80
NJEEND	68	
NJEENTRY	0	
NJEEXPWD	20	
NJEEXSIG	18	
NJEFLAG1	62	
NJEFLAG2	63	
NJEFLAG3	32	
NJEFL301	32	1
NJEFL302	32	2
NJEFL304	32	4
NJEFL308	32	8
NJEFL310	32	10
NJEFSOCK	10	
NJEHNXT	2C	
NJEHOLD	62	2
NJEHOME	62	10
NJEJRCV	4E	
NJEJTRN	4C	
NJELINE	10	
NJELSOCK	14	
NJEMULTI	62	20
NJEMXCT	33	0
NJENAME	0	
NJENEXT	28	
NJENODEF	63	10
NJENOPRE	32	40
NJENOVFY	32	20

Table 518. Cross Reference for IATYNJY (continued)

Name	Offset	Hex Tag
NJENTHLD	63	40
NJEORCV	4F	
NJEOTRN	4D	
NJEPATH	8	
NJEPRDEF	64	
NJEPUDEF	67	
NJEPWD	3C	
NJEPWENC	62	8
NJEPWLOC	62	4
NJERDLY	5E	
NJERTYCT	60	
NJESCSGN	63	4
NJESIG	34	
NJESIZE	68	
NJESOCAC	50	10
NJESOCDF	50	20
NJESOCNA	50	40
NJESOCND	50	80
NJESPNDX	30	0
NJETCPA	58	
NJETCPF1	50	
NJETCPIP	63	8
NJETF101	50	1
NJETF102	50	2
NJETF104	50	4
NJETF108	50	8
NJETLS	63	1
NJETRSV1	51	
NJETSODF	65	
NJETYPSN	62	1
NJEXNMNR	63	20
NJEXTNDD	32	80
NJEXWTDF	66	
NJE9352A	54	
NJYAVAIL	A	
NJYCHAIN	0	
NJYEND	18	
NJYHASH	0	
NJYHENT	8	
NJYHEYE	0	
NJYHFIX	20	
NJYHNUM	C	
NJYHOFF	20	
NJYHSEG	4	
NJYHSIZ	10	
NJYLAST	4	

Table 518. Cross Reference for IATYNJY (continued)

Name	Offset	Hex Tag
NJYRSVD1	C	
NJYRSVD2	14	
NJYSIZE	18	
NJYTABLE	0	
NJYTOTAL	8	

IATYNPC information

IATYNPC heading information

Common name: NETWORKING PENDING COMMAND ELEMENT

Macro ID: IATYNPC

DSECT name: NPCENTRY

Owning component: JES3 (SC1BA)

Eye-catcher ID: none

Storage attributes: Main Storage: JES3 PRIVATE
Auxiliary Storage: N/A

Size: 40 Bytes

Created by: IATCNNJ

Pointed to by: FRSTNPC IN IATYNCQ
LASTNPC "

Serialization: none

Function: This macro contains information to manage an NJE command instance. The NJE command instances are are managed by the NJECONS DSP.
"DO NOT CHANGE ANY OFFSETS IN THIS MACRO -- Referenced by non-source modules"

IATYNPC mapping

Table 519. Structure NPCENTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NPCENTRY	NJE Pending Command Element
0	(0)	CHARACTER	4	NPCEYE	NPC Eye Catcher ('NPCE')
4	(4)	ADDRESS	4	NPCNEXT	Pointer to Next NPC entry
8	(8)	BITSTRING	1	NPCFLAG	NJE Pending Command Flag
9	(9)	CHARACTER	3	NPCRSVD0	Reserved for Development
12	(C)	SIGNED	4	NPCCOUNT	Count of 1 minute timer ...passes thru NPC entry
16	(10)	CHARACTER	8	NPCCONAM(0)	Console Name representing ...the command instance ...(Two parts defined below)
16	(10)	ADDRESS	4	NPCICMDA	Address of this NPC entry
20	(14)	ADDRESS	4	NPCISEQN	Sequence number of this ...command instance
24	(18)	ADDRESS	4	NPCINMRA	Address of Inbound command ...entry (IATYNBF)
28	(1C)	SIGNED	4	NPCRSVD4(2)	Reserved for Development
		SETTINGS FOR NPCFLAG			

Table 519. Structure NPCENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		NPCACTIV	"X'80'" - At Least 1 command response ...was received for this ...command instance
		.1..		NPCIDLE	"X'40'" - Command response(s) ...received within the last ...minute
		..1.		NPCRSVD1	"X'20'" - Reserved for Development
		...1		NPCRSVD2	"X'10'" - Reserved for Development
		.... 1...		NPCRSVD3	"X'08'" - Reserved for Service
		.... .1..		NPCRSVS1	"X'04'" - Reserved for Service
		.... ..1.		NPCRSVS2	"X'02'" - Reserved for Service
		1		NPCRSVS3	"X'01'" - Reserved for Service
28	(1C)	X'24'	0	NPCEND	"*" End of NPC entry
28	(1C)	X'24'	0	NPCSIZE	"(NPCEND-NPCENTRY)" Size of NPC entry

Table 520. Cross Reference for IATYNPC

Name	Offset	Hex Tag
NPCACTIV	1C	80
NPCCONAM	10	
NPCCOUNT	C	
NPCEND	1C	24
NPCENTRY	0	
NPCEYE	0	
NPCFLAG	8	
NPCICMDA	10	
NPCIDLE	1C	40
NPCINMRA	18	
NPCISEQN	14	
NPCNEXT	4	
NPCRSVD0	9	
NPCRSVD1	1C	20
NPCRSVD2	1C	10
NPCRSVD3	1C	8
NPCRSVD4	1C	
NPCRSVS1	1C	4
NPCRSVS2	1C	2
NPCRSVS3	1C	1
NPCSIZE	1C	24

IATYNRD information

IATYNRD programming interface information

The following fields are **NOT** programming interface information:

- NRDADPRS
- NRDASSWE
- NRDJBBRS

- NRDJBRRS
- NRDOPBRS
- NRDOPRRS
- NRDRESUM
- NRDSSWRK

IATYNRD heading information

Common name:	NETWORKING RECEIVER WORK AREA
Macro ID:	IATYNRD
DSECT name:	NRDSTART (NRD)
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	NRD Offset: 0 Length: 4
Storage attributes:	Main Storage: JES3 PRIVATE AREA Auxiliary Storage: N/A Subpool: 0 (JESPOOL) Key: 1 (JESKEY) Residency: ANY
Size:	4K
Created by:	IATNTDR AND IATNTNR
Pointed to by:	NDTNRDPT IN MACRO IATYNDT NDNNRDPT IN MACRO IATYNDN
Serialization:	N/A
Function:	THIS MACRO CONTAINS THE DATA AREA FOR THE NJE RECEIVER

IATYNRD mapping

Table 521. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

Table 522. Structure NRDSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NRDSTART	
0	(0)	CHARACTER	4	NRDID	EYE CATCHER
	PARAMETER LIST FOR JOB RECEPTION				
4	(4)	SIGNED	4	NRDJPARM(0)	
4	(4)	BITSTRING	32	NRDJHFDB	JOB HEADER FILE FDB
36	(24)	BITSTRING	32	NRDJTFDB	JOB TRAILER FILE FDB
68	(44)	BITSTRING	32	NRDJDFDB	JOB DATA SET HEADER FILE FDB
100	(64)	BITSTRING	28	NRDJTATF	JOB TAT FDB
128	(80)	BITSTRING	28	NRDJHTAT	JH DSISO TAT FDB 0513
156	(9C)	BITSTRING	28	NRDJTTAT	JT DSISO TAT FDB 0513
184	(B8)	BITSTRING	12	NRDJBJCT	JCT FDB
196	(C4)	BITSTRING	12	NRDJBJDA	JDAB FDB
208	(D0)	BITSTRING	12	NRDJBJDS	JDS FDB
220	(DC)	BITSTRING	12	NRDJBJMR	JMR FDB

Table 522. Structure NRDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
232	(E8)	BITSTRING	12	NRDJBPRM	PARAMETER FDB
244	(F4)	BITSTRING	12	NRDJBOSE	OSE FDB
256	(100)	BITSTRING	3	NRDRESV1	RESERVED FOR DEVELOPMENT
259	(103)	BITSTRING	1	NRDJRVF1	JOB RECEIVE FLAG
	JOB RECEIVE FLAG				
		1...		NRDJHRCV	"X'80'" JOB HEADER RECEIVED
		.1..		NRDJTRCV	"X'40'" JOB TRAILER RECEIVED
		..1.		NRDJBLOC	"X'20'" JOB FOR LOCAL EXECUTION
		...1		NRDJJRCV	"X'10'" JOB JCL RECEIVED
		.... 1...		NRDJBBSC	"X'08'" JOB FOR BSC DESTINATION 0237
		.... .1..		NRDJJHLS	"X'04'" JOB HEADER SEGMENT 1 PROCESSED; LAST SEGMENT NOT
		.... ..1.		NRDJBSNA	"X'02'" Job for SNA destination
		1		NRDJBTCP	"X'01'" Job for TCP/IP destination
260	(104)	BITSTRING	1	NRDJRVF2	JOB RECEIVE FLAG 2
	JOB RECEIVE FLAG 2				
		1...		NRDJCTAD	"X'80'" UTILITY JOB ADDED TO QUEUE
		.1..		NRDJJHFP	"X'40'" JOB HEADER FIRST PASS
261	(105)	BITSTRING	3	NRDRESV2	RESERVED FOR DEVELOPMENT 0562
264	(108)	SIGNED	4	NRDJBRCT	INPUT RECORD COUNT
268	(10C)	SIGNED	4	NRDJREND(0)	
268	(10C)	BITSTRING	1	NRDJRSIZ(0)	
	JOB DATA AREA				
268	(10C)	ADDRESS	4	NRDJBBRS	Main routine save area
272	(110)	ADDRESS	4	NRDJBRRS	RETURN REGISTER SAVE AREA 0239
276	(114)	ADDRESS	4	NRDJJHBA	J. H. BUFFER ADDR
280	(118)	ADDRESS	4	NRDJHBUF	J. H. BUFFER ADDR SAVE AREA
284	(11C)	SIGNED	4	NRDJRDEV(3)	Reserved for IBM
296	(128)	CHARACTER	8	NRDPOE2	Same as NRDPOE for TCPIP & BSC. For BDT/SNA, contains actual nodename not NJERDR
304	(130)	ADDRESS	4	NRDUPTAT	TAT FDB address
308	(134)	SIGNED	4	NRDUPJNO	Utility job number
312	(138)	SIGNED	4	NRDCOMP	Job completion indicator
316	(13C)	CHARACTER	8	NRDJDNUM	JOB ID
324	(144)	CHARACTER	8	NRDJOJBI	Job ID on origin node
332	(14C)	SIGNED	4	NRDJHBLN	J. H. BUF LENGTH SAVE AREA
336	(150)	SIGNED	2	NRDJJHLN	J.H. LENGTH SAVE AREA
338	(152)	ADDRESS	4	NRDJBNUM	Binary job number
342	(156)	CHARACTER	8	NRDJBNAM	JOB NAME
350	(15E)	CHARACTER	8	NRDJBORG	ORIGIN NODE
358	(166)	CHARACTER	8	NRDJBUSR	PROGRAMMER NAME OR USERID
366	(16E)	CHARACTER	8	NRDJBXEQ	XEQ NODE FOR JOB

Table 522. Structure NRDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
374	(176)	CHARACTER	8	NRDJBRMT	ORIGIN TSO / REMOTE USERID
382	(17E)	CHARACTER	8	NRDJBNFY	NOTIFY NODE NAME
390	(186)	CHARACTER	1	NRDJBQUL	ORIGIN QUALIFIER
		1.11 1111		NRDBZERO	"X'BF'" BLANK/ZERO TEST VALUE
391	(187)	BITSTRING	5	NRDRESV3	Reserved for IBM
	PARAMETER LIST FOR SYSOUT RECEPTION				
396	(18C)	SIGNED	4	NRDOPARM(0)	
396	(18C)	BITSTRING	32	NRDOHFDB	JOB HEADER FILE FDB
428	(1AC)	BITSTRING	32	NRDOTFDB	JOB TRAILER FILE FDB
460	(1CC)	BITSTRING	32	NRDODSHF	DATA SET HEADER FDB
492	(1EC)	BITSTRING	32	NRDOFFDB	FDB FILE FDB
524	(20C)	BITSTRING	32	NRDODFDB	DATA FILE FDB
556	(22C)	BITSTRING	28	NRDOTATF	JOB TAT FDB
584	(248)	BITSTRING	28	NRDOHTAT	JH DSISO TAT FDB 0513
612	(264)	BITSTRING	28	NRDOTTAT	JT DSISO TAT FDB 0513
640	(280)	BITSTRING	12	NRDOPJCT	JCT FDB
652	(28C)	BITSTRING	12	NRDOPJDA	JDAB FDB
664	(298)	BITSTRING	12	NRDOPJDS	JDS FDB
676	(2A4)	BITSTRING	12	NRDOPJMR	JMR FDB
688	(2B0)	BITSTRING	1	NRDOPOSE	OSE FDB
	1 LINE DELETED BY PTM PGR0562 0				
700	(2BC)	SIGNED	4	NRDORCNT	RECORD COUNT
704	(2C0)	SIGNED	4	NRDOLCNT	LINE COUNT OF THE SYSOUT
708	(2C4)	SIGNED	4	NRDOBCNT	Byte count for sysout DS
712	(2C8)	SIGNED	4	NRDSKCNT	Count of skips to channel 1
716	(2CC)	SIGNED	4	NRDOPCNT	Stream mode page count
720	(2D0)	SIGNED	4	NRDOTCRD	RCV SYSOUT TOTAL CARDS
724	(2D4)	SIGNED	4	NRDOTLIN	RCV SYSOUT TOTAL LINES
728	(2D8)	SIGNED	2	NRDOINDX	DATA FILE INDEX
730	(2DA)	BITSTRING	1	NRDOPRIO	Job priority from NJH
731	(2DB)	BITSTRING	1	NRDOJCLS	Job class from NJH
732	(2DC)	BITSTRING	1	NRDORVF1	OUTPUT RECEIVE FLAG
	SYSOUT RECEIVE FLAG				
		1...		NRDOHRCV	"X'80'" JOB HEADER RECEIVED
		.1..		NRDOTRCV	"X'40'" JOB TRAILER RECEIVED
		..1.		NRDODRCV	"X'20'" DATA SET HEADER RECEIVED
		...1		NRDORRCV	"X'10'" DATA RECORD RECEIVED
		.... 1...		NRDOLOCP	"X'08'" OUTPUT FOR LOCAL PROCESSING
		.... .1..		NRDOSTFP	"X'04'" OUTPUT FOR STORE-AND-FORWARD
		.... ..1.		NRDODPRO	"X'02'" DATA SET HEADER SEGMENT 1 PROCESSED; LAST SEGMENT NOT
		1		NRDOJHLS	"X'01'" JOB HEADER SEGMENT 1 PROCESSED; LAST SEGMENT NOT

Table 522. Structure NRDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
733	(2DD)	BITSTRING	1	NRDORVF2	SYSOUT RECEIVE FLAG 2
	SYSOUT RECEIVE FLAG 2				
		1...		NRDOJCTA	"X'80'" UTILITY JOB ADDED TO QUEUE
		.1..		NRDOCDSH	"X'40'" CONSECUTIVE DSH RECEIVE FLAG
		..1.		NRDOLNCD	"X'20'" 0=CNT LINES, 1=CNT CARDS
		...1		NRDODOPN	"X'10'" OUTPUT DATA FILE OPEN
		.... 1...		NRDNTSPN	"X'08'" NETWORK SPAN 1ST SEG FOUND 0343 RESET WHEN LAST SEG FOUND 0343
		.... .1..		NRDOJHFP	"X'04'" JOB HEADER FIRST PASS
		.... ..1.		NRDOGOTU	"X'02'" AN UNKNOWN USER TOKEN HAS 0612 BEEN OBTAINED D016
734	(2DE)	BITSTRING	1	NRDORVF3	SYSOUT RECEIVE FLAG 3 0622
	SYSOUT RECEIVE FLAG 3 0				
		1...		NRDDSHIN	"X'80'" THE FIRST DATA SET HEADER 0622 HAS BEEN INSPECTED FOR THE 0622 PRESENCE OF A SECURITY 0622 SECTION 0622
		.1..		NRDDSHTK	"X'40'" SECURITY TOKEN WAS FOUND 0622 IN FIRST DATA SET HEADER 0622
		..1.		NRDOSMD	"X'20'" At least one stream record found in the file
		...1		NRDOTUID	"X'10'" Remote TSO userid present
		.... 1...		NRDO3R08	"X'08'" RESERVED FLAG 0622
		.... .1..		NRDO3R04	"X'04'" RESERVED FLAG 0622
		.... ..1.		NRDO3R02	"X'02'" RESERVED FLAG 0622
		1		NRDO3R01	"X'01'" RESERVED FLAG 0622
735	(2DF)	BITSTRING	1	NRDOCCTL	CARRIAGE CONTROL SRCB FROM HDR
	SYSOUT CARRIAGE CONTROL SRCB				
		1...		NRDONCTL	"X'80'" NO CARRIAGE CONTROL
		1..1		NRDOMCTL	"X'90'" MACHINE CARRIAGE CONTROL
		1.1.		NRDOACTL	"X'A0'" ASA CARRIAGE CONTROL
		1.11		NRDOSTRM	"X'B0'" STREAM MODE DATA FLAG
		1...		NRDONSPN	"X'80'" NON-SPANNED DATA FLAG
		1... 1...		NRDOFSTR	"X'88'" FIRST 'RECORD SECTION' FLAG
		1... .1..		NRDONTHR	"X'84'" NTH 'RECORD SECTION' FLAG
		1... 11..		NRDOLSTR	"X'8C'" LAST 'RECORD SECTION' FLAG
736	(2E0)	BITSTRING	1	NRDOSRCB	CARRIAGE CONTROL SAVE AREA
	SYSOUT CARRIAGE CONTROL SAVE AREA				
		1111		NRDOCTLF	"X'F0'" CARRIAGE CONTROL FLAGS
		1... 1111		NRDOSPNF	"X'8F'" SPANNED DATA FLAGS
737	(2E1)	BITSTRING	1	NRDODCTL	DEFAULT CARRIAGE CONTROL CHAR
	DEFAULT SYSOUT CARRIAGE CONTROL				
		....		NRDONCDF	"X'00'" NO CARRIAGE CONTROL DEFAULT

Table 522. Structure NRDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1..1		NRDOMCDF	"X'09'" MACHINE CARRIAGE CONTROL DEFAULT
		.1..		NRDOACDF	"X'40'" ASA CARRIAGE CONTROL DEFAULT
738	(2E2)	BITSTRING	2	NRDRESV5	RESERVED FOR DEVELOPMENT 0622
740	(2E4)	SIGNED	4	NRDOREND(0)	
740	(2E4)	BITSTRING	1	NRDORSIZ(0)	
	SYSOUT DATA AREA				
740	(2E4)	ADDRESS	4	NRDOPBRS	Main routine save area
744	(2E8)	ADDRESS	4	NRDOPRRS	RETURN REGISTER SAVE AREA 0239
748	(2EC)	ADDRESS	4	NRDOJHBA	J. H. BUFFER ADDR
752	(2F0)	ADDRESS	4	NRDOHBUF	J. H. BUFFER ADDR SAVE AREA
756	(2F4)	SIGNED	2	NRDSEGSM	SEGL ACCUMULATOR FOR SDM 0066 SPANNED SYSOUT RECORDS 0066
	Fields used to process temporary storage for SDM spanned records.				
758	(2F6)	SIGNED	2	NRDOBRL	Room left in SDM spanned data temporary storage
760	(2F8)	ADDRESS	4	NRDOFBUF	First buffer address of SDM spanned data temp. storage
764	(2FC)	ADDRESS	4	NRDOCBUF	Current buffer address of spanned data temp. storage
768	(300)	ADDRESS	4	NRDONBUF	Next buffer address of SDM spanned data temp. storage
772	(304)	ADDRESS	4	NRDOSPTR	Current segment ptr of SDM spanned data temp. storage
776	(308)	ADDRESS	4	NRDOPPTR	Previous segment ptr of SDM spanned data temp. storage
		1111 1111		NRDEOB	"X'FF'" End-of-buffer indicator of spanned data temp. storage
780	(30C)	SIGNED	4	NRDOLRCL	Original logical rec length 0068
784	(310)	ADDRESS	4	NRDOJTBA	Job trailer buffer address
788	(314)	CHARACTER	8	NRDODNUM	JOB ID
796	(31C)	CHARACTER	8	NRDOOJBI	Job ID on origin node
804	(324)	SIGNED	4	NRDOHBLN	J. H. BUF LENGTH SAVE AREA
808	(328)	SIGNED	2	NRDOJHLN	J.H. LENGTH SAVE AREA
810	(32A)	SIGNED	2	NRDOJTLN	J.T. LENGTH SAVE AREA 0535
812	(32C)	SIGNED	4	NRDOBNUM	Binary job number
816	(330)	SIGNED	2	NRDODSLN	RECORD LNG FROM DSH NDHGLREC
818	(332)	BITSTRING	80	NRDOTKSV	SECURITY TOKEN SAVE AREA 0622
898	(382)	CHARACTER	8	NRDOJNAM	JOB NAME
906	(38A)	CHARACTER	8	NRDOJORG	ORIGIN NODE
914	(392)	CHARACTER	8	NRDOJUSR	PROGRAMMER NAME OR USERID
922	(39A)	CHARACTER	8	NRDOJXEQ	EXECUTION NODE NAME FROM D016 THE JH D016
930	(3A2)	CHARACTER	8	NRDOJRMT	ORIGIN TSO / REMOTE USERID
938	(3AA)	CHARACTER	8	NRDOJNFY	NOTIFY NODE NAME
946	(3B2)	CHARACTER	1	NRDOJQUL	ORIGIN QUALIFIER
947	(3B3)	BITSTRING	1	NRDODCCC	CARRIAGE CONTROL CHARACTER

Table 522. Structure NRDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		MISCELLANEOUS DATA AREA			
948	(3B4)	SIGNED	4	NRDRSAVE(13)	REGISTER SAVE AREA
1000	(3E8)	ADDRESS	4	NRDADSHB	ADDRESS OF DSH BUFFER
1004	(3EC)	ADDRESS	4	NRDADPRS	ADDRESS OF DATA DECOMP RTN
1008	(3F0)	ADDRESS	4	NRDBUFAD	WORK BUFFER ADDR SAVE AREA
1012	(3F4)	SIGNED	4	NRDBUFLN	WORK BUFFER LENGTH SAVE AREA
		The buffer pointer is not required for TCP/IP as we handle the transmission buffer from the Netserv itself. The storage is reused to store the MJIB address in case of TCP/IP processing.			
1016	(3F8)	SIGNED	4	NRDBFPTR	BUFFER POINTER (only for BSC and SNA)
1016	(3F8)	X'3F8'	0	NRDMJIBA	"NRDBFPTR,4,C'A'" MJIB address (only for TCP)
1020	(3FC)	SIGNED	4	NRDBFEND	POINTER TO LAST BYTE OF 0343 'TRANSMISSION' BUFFER 0343
1024	(400)	SIGNED	4	NRDRECNX	POINTER TO NEXT RCB
1028	(404)	SIGNED	4	NRDRECPT	POINTER TO FIRST RECORD
1032	(408)	ADDRESS	4	NRDASSWE	ADDRESS OF SSWE 0562
1036	(40C)	ADDRESS	4	NRDSSECF	POINTER TO ECF TO BE POSTED 0562 BY THE SECURITY SUBTASK 0562 (IATGRSS) UPON ITS 0562 COMPLETION 0562
1040	(410)	ADDRESS	4	NRDSSWRK	SECURITY SUBTASK WORK 0562 COMPLETE QUEUE - COMPLETED 0562 SSWE'S ARE ADDED TO THIS 0562 QUEUE BY IATGRSS; IT MUST 0562 BE SERIALIZED BY COMPARE 0562 AND SWAP 0562
1044	(414)	ADDRESS	4	NRDRESUM	ADDRESS OF THE ROUTINE TO 0562 GET CONTROL FOR A WAKEUP 0562 CALL AFTER COMPLETION OF 0562 THE SECURITY SUBTASK 0562
1048	(418)	SIGNED	4	NRDRESRG(8)	RESUME REGISTERS FOR A 0562 WAKEUP CALL AFTER THE 0562 COMPLETION OF THE 0562 SECURITY SUBTASK 0562
1080	(438)	ADDRESS	4	NRDSECA	POINTER TO THE SEC
1084	(43C)	SIGNED	2	NRDRECLN	RECORD LENGTH
1086	(43E)	SIGNED	2	NRDDSHLN	D.S.H. LENGTH SAVE AREA
1088	(440)	SIGNED	2	NRDRSNCD	REASON CODE
1090	(442)	SIGNED	2	NRDSPNDX	Spool index to update 0028 TAT FDB 0028
1092	(444)	CHARACTER	8	NRDTUSID	Remote TSO userid
1100	(44C)	CHARACTER	8	NRDBLINE	LINE NAME
1108	(454)	CHARACTER	8	NRDPOE	POINT OF ENTRY 0586
1116	(45C)	BITSTRING	1	NRDPRTIC	PRIORITY SAVE (NJTGIOPR)
1117	(45D)	BITSTRING	1	NRDPRTID	PRIORITY SAVE (NJTGAOPR)
1118	(45E)	BITSTRING	1	NRDSSMSK	ECF MASK USED BY THE 0562 SECURITY SUBTASK (IATGRSS) 0562 TO POST NRDSSECF UPON ITS 0562 COMPLETION 0562
		The following are reason codes for message IAT9158 for an inbound NJE job whose origin node appears to be inconsistent/dubious.			
1119	(45F)	BITSTRING	1	NRDDUBIE	NJE Job dubious code

Table 522. Structure NRDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1119	(45F)	X'4'	0	NRDDUB	"4" Job already marked dubious
1119	(45F)	X'8'	0	NRDOWN	"8" Job claims to originate from home node
1119	(45F)	X'C'	0	NRDORGN	"12" Origin node unknown
1119	(45F)	X'10'	0	NRDDIR	"16" Origin node cfg'd adjacent to home node, yet does not match the POE node
1119	(45F)	X'14'	0	NRDINDIR	"20" Origin node is not adjacent to home node, yet POE does not match cfg'd path
1119	(45F)	X'18'	0	NRDTKN	"24" Origin node/security token mismatch
1119	(45F)	X'1C'	0	NRDADJX	"28" Job's execution node matches adjacent/POE node
1120	(460)	SIGNED	2	(0)	
1120	(460)	BITSTRING	1	NRDRECWK(44)	- RECORD WORK AREA
1420	(58C)	BITSTRING	1	NRDRTYPE	JOB/SYSOUT RECORD TYPE
1420	(58C)	X'2'	0	NRDINDLN	"2" INDEX LENGTH
		.1..		NRDSCB40	"X'40'" SCB 40 ABORT XMITTER
1421	(58D)	BITSTRING	1	NRDRCBSV	RCB SAVE AREA
1422	(58E)	BITSTRING	1	NRDSDMFG	SDM INTERFACE FLAG AREA
SPOOL DATA MANAGEMENT FLAG					
		1...		NRDSDMSP	"X'80'" SDM SPAN DATA
		.1..		NRDSDMFS	"X'40'" SDM SPAN DATA: FIRST SEGMENT OF A DATASET HEADER
		..1.		NRDSFSTS	"X'20'" SDM SPAN DATA: FIRST SEGMENT OF A SYSOUT RECORD
		...1		NRDSNTHS	"X'10'" SDM SPAN DATA: NTH SEGMENT OF A SYSOUT RECORD
1423	(58F)	BITSTRING	1	NRDFLAG1	RECEIVER CONTROL FLAGS 0562
SETTINGS FOR NRDFLAG1					
		1...		NRDSNARC	"X'80'" - SNA/NJE DATA RECEIVED
		.1..		NRDJBRCV	"X'40'" - JOB RECORD RECEIVED
		..1.		NRDOPRCV	"X'20'" - SYSOUT RECORD RECEIVED
		...1		NRDJBEOF	"X'10'" - JOB RECORD EOF
		.... 1...		NRDOPEOF	"X'08'" - SYSOUT RECORD EOF
		.... .1..		NRDWAKUP	"X'04'" WAKEUP CALL TO NTJS AFTER 0562 COMPLETION OF SECURITY 0562 SUBTASK 0562
		.... ..1.		NRDTCPRC	"X'02'" TCP/NJE data received
		1		NRDBSCRC	"X'01'" BSC/NJE data received
1424	(590)	BITSTRING	1	NRDFLAG2	Receiver control flag 2
Settings for NRDFLAG2					
		1...		NRDNJHIN	"X'80'" - NTJS called to initialize NJH related fields in NRD (TCP/IP related flag)
		.1..		NRDNJHNO	"X'40'" - NJH related fields in NRD already initialized (TCP/IP related flag)

Table 522. Structure NRDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		NRDFL220	"X'20'" Reserved for IBM
		...1		NRDFL210	"X'10'" Reserved for IBM
		.... 1...		NRDFL208	"X'08'" Reserved for IBM
		.... .1..		NRDFL204	"X'04'" Reserved for IBM
		.... ..1.		NRDFL202	"X'02'" Reserved for IBM
		1		NRDFL201	"X'01'" Reserved for IBM
	EQUATES 0 DM533 REASON CODES 0				
1424	(590)	X'0'	0	NRDSSNON	"0" NO WORK ELEMENTS ON THE 0562 WORK COMPLETE QUEUE 0562
1424	(590)	X'4'	0	NRDSSLOT	"4" MORE THAN ONE ELEMENT ON 0562 THE WORK COMPLETE QUEUE 0562
	RETURN CODES FROM IATNTJS				
1424	(590)	X'0'	0	RTNCOD00	"0" NORMAL RETURN
1424	(590)	X'4'	0	RTNCOD04	"4" EOF RECORD RECEIVED
1424	(590)	X'8'	0	RTNCOD08	"8" PROBLEM PROCESSING STREAM SEE REASON CODE DESCRIPTION
1424	(590)	X'C'	0	RTNCOD12	"12" NO JOB NUMBERS LEFT
1424	(590)	X'10'	0	RTNCOD16	"16" JCT ADD FAILURE (JOB STREAM)
1424	(590)	X'14'	0	RTNCOD20	"20" JCT ADD FAILURE (SYSOUT STREAM)
1424	(590)	X'18'	0	RTNCOD24	"24" TRANSMISSION CANCELLED (JOB STREAM)
1424	(590)	X'1C'	0	RTNCOD28	"28" TRANSMISSION CANCELLED (SYSOUT STREAM)
1424	(590)	X'20'	0	RTNCOD32	"32" RESERVED FOR DEVELOPMENT
1424	(590)	X'24'	0	RTNCOD36	"36" QUIESCE UNTIL SECURITY SUBTASK COMPLETES
	NJE MESSAGES				
1426	(592)	SIGNED	2	NRDMSGRT(0)	
	MESSAGE MF=L $T6=z1.13.0 HJS7780 110309 PD0TN: z 1.13.0				
1428	(594)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
1428	(594)	ADDRESS	4	NRDUTMSG	Text Address
1432	(598)	BITSTRING	2		Destination Disp and Mask
1434	(59A)	BITSTRING	1		ACTION flag
1435	(59B)	ADDRESS	1		Options Flag
1436	(59C)	BITSTRING	2		Descriptor Codes
1438	(59E)	SIGNED	2		Reserved 2 Bytes
1440	(5A0)	BITSTRING	17		Routing Codes
1457	(5B1)	BITSTRING	1	(3)	Reserved
1460	(5B4)	BITSTRING	1	(8)	Jobid
1468	(5BC)	BITSTRING	1	(8)	Jobname
1476	(5C4)	BITSTRING	1	(8)	Key
1484	(5CC)	ADDRESS	4		CNDB Address 1
1488	(5D0)	ADDRESS	4		CNDB Address 2

Table 522. Structure NRDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1492	(5D4)	ADDRESS	4		CNDB Address 3
1496	(5D8)	ADDRESS	4		CNDB Address 4
1500	(5DC)	ADDRESS	4		CNDB Address 5
1504	(5E0)	ADDRESS	4		MLWO Address
1508	(5E4)	CHARACTER	80	NRDJBTXT	

```
       5 LINES DELETED BY PCQ0682 0
          MSGIAT9122 AND MSGIAT9145 REASON CODES
THE FOLLOWING REASON CODES WILL BE IN THE MESSAGE TEXT OF
IAT9122 AND IAT9145. THE REASON CODES DESCRIBED BELOW WILL
BE GENERATED WHEN AN ERROR PROCESSING A STREAM OCCURS IN
IATNTJS, IATNTNR, OR IATNTDR. THE FOLLOWING IS A BREAKDOWN
OF THE RANGES OF THE CODES CORRESPONDING TO AN ERROR IN A
PARTICULAR AREA. ALL REASON CODES OCCUR IN INCREMENTS OF 4.
   004-040 PROBLEM PROCESSING THE RCB. IN THIS CASE THE
               STREAM WILL BE CANCELLED AND THE LINE WILL
               BE TERMINATED.
   044-400 PROBLEM PROCESSING STREAM IN IATNTJS. THE
               STREAM WILL BE CANCELLED.
   404-500 PROBLEM PROCESSING STREAM IN IATNTNR. THE
               STREAM WILL BE DELETED.
   504-600 PROBLEM PROCESSING STREAM IN IATNTDR. THE
               STREAM WILL BE CANCELLED.
```

1508	(5E4)	X'4'	0	RSNCD004	"4" WHILE BREAKING A RECORD OUT OF THE TRANSMISSION BUFFER, MIXED RECORD CONTROL BYTES (RCB) WERE DETECTED.
1508	(5E4)	X'8'	0	RSNCD008	"8" AN ERROR WAS DETECTED WHILE VALIDATING THE NEXT RECORD WITHIN THE TRANSMISSION BUFFER. THE RECORD CONTROL BYTE (RCB) OF THE NEXT RECORD DID NOT CONTAIN A VALID STREAM IDENTIFIER (1 - 7).
1508	(5E4)	X'C'	0	RSNCD012	"12" AN ERROR WAS DETECTED WHILE VALIDATING THE NEXT RECORD WITHIN THE TRANSMISSION BUFFER. MODULE IATNTJS WAS INVOKED TO PROCESS A TRANSMISSION BUFFER FROM A SYSOUT STREAM AND THE NEXT RECORD IN THE TRANSMISSION BUFFER WAS NOT FROM A SYSOUT STREAM.
1508	(5E4)	X'10'	0	RSNCD016	"16" AN ERROR WAS DETECTED WHILE VALIDATING THE NEXT RECORD WITHIN THE TRANSMISSION BUFFER. MODULE IATNTJS WAS INVOKED TO PROCESS A TRANSMISSION BUFFER FROM A JOB STREAM AND THE NEXT RECORD IN THE TRANSMISSION BUFFER WAS NOT FROM A JOB STREAM.
1508	(5E4)	X'2C'	0	RSNCD044	"44" WHILE PROCESSING A JOB STREAM, A JOB HEADER WAS EXPECTED. A RECORD OTHER THAN THE JOB HEADER WAS RECEIVED PRIOR TO RECEIVING A JOB HEADER RECORD.
1508	(5E4)	X'30'	0	RSNCD048	"48" WHILE PROCESSING THE JOB STREAM, A JOB HEADER SEGMENT WAS EXPECTED. A RECORD OTHER THAN A JOB HEADER SEGMENT WAS RECEIVED PRIOR TO RECEIVING THE ENTIRE JOB HEADER.

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       SPACE 1
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1508	(5E4)	X'34'	0	RSNCD052	"52" WHILE PROCESSING A JOB STREAM FROM A SNA NODE, A RECORD WAS RECEIVED AFTER THE JOB TRAILER THAT WAS NOT VALID. THE ONLY VALID RECORD AFTER THE JOB TRAILER IS AN END OF FILE (EOF).

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       SPACE 1
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Table 522. Structure NRDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1508	(5E4)	X'38'	0	RSNCD056	"56" WHILE PROCESSING A JOB STREAM FROM A BSC NODE, A RECORD WAS RECEIVED AFTER THE JOB TRAILER THAT WAS NOT VALID. THE ONLY VALID RECORD AFTER THE JOB TRAILER IS AN END OF FILE (EOF).
1508	(5E4)	X'3C'	0	RSNCD060	"60" A SUBSEQUENT JOB HEADER RECORD WAS RECEIVED AFTER A DATA RECORD HAD BEEN RECEIVED.
1508	(5E4)	X'40'	0	RSNCD064	"64" A RECORD WAS REMOVED FROM THE TRANSMISSION BUFFER of a job stream. THE LENGTH OF THE RECORD IS ZERO.
1508	(5E4)	X'44'	0	RSNCD068	"68" A JOB HEADER SEGMENT WAS RECEIVED FOR A JOB STREAM. WHILE REBUILDING THE JOB HEADER, THE LENGTH OF THE JOB HEADER EXCEEDED THE MAXIMUM SIZE ALLOWED.
1508	(5E4)	X'48'	0	RSNCD072	"72" A RECORD WAS RECEIVED THAT CONTAINED A ZERO LENGTH JOB HEADER SEGMENT.
1508	(5E4)	X'4C'	0	RSNCD076	"76" THE JOB STREAM CONTAINS A ZERO LENGTH JOB TRAILER RECORD.
1508	(5E4)	X'50'	0	RSNCD080	"80" A JOB TRAILER SEGMENT WAS RECEIVED FOR A JOB STREAM. WHILE REBUILDING THE JOB TRAILER, THE LENGTH OF THE JOB TRAILER EXCEEDED THE MAXIMUM SIZE ALLOWED.
1508	(5E4)	X'54'	0	RSNCD084	"84" THE FIRST SEGMENT OF A JOB TRAILER HAS BEEN RECEIVED. AN ADDITIONAL RECORD WAS FOUND IN A JOB TRAILER BUFFER WHILE PROCESSING A JOB STREAM FROM A SNA NODE. THE ADDITIONAL RECORD WAS NOT A JOB HEADER, JOB TRAILER, OR AN END OF FILE RECORD.
1508	(5E4)	X'58'	0	RSNCD088	"88" THE FIRST SEGMENT OF A JOB TRAILER HAS BEEN RECEIVED. AN ADDITIONAL RECORD WAS FOUND IN A JOB TRAILER BUFFER WHILE PROCESSING A JOB STREAM FROM A BSC NODE. THE ADDITIONAL RECORD WAS NOT A JOB HEADER, JOB TRAILER, OR AN END OF FILE RECORD.
1508	(5E4)	X'5C'	0	RSNCD092	"92" THE FIRST SEGMENTS OF THE JOB HEADER AND THE JOB TRAILER HAVE NOT BEEN RECEIVED. AN ADDITIONAL RECORD WAS FOUND IN A JOB HEADER OR JOB TRAILER BUFFER WHILE PROCESSING A JOB STREAM. THE ADDITIONAL RECORD WAS NOT A JOB HEADER OR A JOB TRAILER RECORD.
1508	(5E4)	X'60'	0	RSNCD096	"96" THE FIRST SEGMENT OF THE JOB TRAILER HAS NOT BEEN RECEIVED. AN ADDITIONAL RECORD WAS FOUND IN A JOB HEADER OR JOB TRAILER BUFFER WHILE PROCESSING A JOB STREAM. THE ADDITIONAL RECORD WAS NOT A JOB HEADER, JOB TRAILER, OR A DATA RECORD. THE FIRST SEGMENT OF THE JOB HEADER HAS BEEN RECEIVED.
1508	(5E4)	X'64'	0	RSNCD100	"100" WHILE PROCESSING A SYSOUT STREAM, A JOB HEADER WAS EXPECTED. A RECORD OTHER THAN THE JOB HEADER WAS RECEIVED PRIOR TO RECEIVING A JOB HEADER RECORD.

Table 522. Structure NRDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1508	(5E4)	X'68'	0	RSNCD104	"104" WHILE PROCESSING A SYSOUT STREAM, A JOB HEADER SEGMENT WAS EXPECTED. A RECORD OTHER THAN A JOB HEADER SEGMENT WAS RECEIVED PRIOR TO RECEIVING THE ENTIRE JOB HEADER.
1508	(5E4)	X'6C'	0	RSNCD108	"108" WHILE PROCESSING A SYSOUT STREAM FROM A SNA NODE, A RECORD WAS RECEIVED AFTER THE JOB TRAILER THAT WAS NOT VALID. THE ONLY VALID RECORD AFTER A JOB TRAILER IS AN END OF FILE (EOF).
1508	(5E4)	X'70'	0	RSNCD112	"112" WHILE PROCESSING A SYSOUT STREAM FROM A BSC NODE, A RECORD WAS RECEIVED AFTER THE JOB TRAILER THAT WAS NOT VALID. THE ONLY VALID RECORD AFTER A JOB TRAILER IS AN END OF FILE (EOF).
1508	(5E4)	X'74'	0	RSNCD116	"116" WHILE PROCESSING A SYSOUT STREAM, A DATA RECORD WAS RECEIVED PRIOR TO RECEIVING A DATA SET HEADER.
1508	(5E4)	X'78'	0	RSNCD120	"120" WHILE PROCESSING A SYSOUT STREAM, A DATA RECORD'S CARRIAGE CONTROL TYPE WAS NOT RECOGNIZED FROM THE SUBRECORD CONTROL BYTE (SRCB).
1508	(5E4)	X'7C'	0	RSNCD124	"124" WHILE PROCESSING A SYSOUT STREAM, A DATA RECORD'S SPANNED RECORD INDICATION WAS NOT RECOGNIZED FROM THE SUBRECORD CONTROL BYTE (SRCB).
1508	(5E4)	X'80'	0	RSNCD128	"128" WHILE PROCESSING A SYSOUT STREAM, A DATA RECORD'S SPANNED RECORD INDICATION WAS NOT RECOGNIZED FROM THE SUBRECORD CONTROL BYTE (SRCB) AFTER THE RECORD HAS BEEN EXTRACTED FROM THE NJE TRANSMISSION BUFFER
1508	(5E4)	X'84'	0	RSNCD132	"132" WHILE PROCESSING A SYSOUT STREAM, A DATA RECORD'S LENGTH EXCEEDED THE MAXIMUM ALLOWED FOR A SPOOL DATA MANAGEMENT SPANNED RECORD.
1508	(5E4)	X'88'	0	RSNCD136	"136" WHILE PROCESSING A SYSOUT STREAM, A NETWORK SPANNED DATA RECORD'S LENGTH EXCEEDED THE MAXIMUM LOGICAL RECORD LENGTH DEFINED FOR THIS DATA SET. THE MAXIMUM LOGICAL RECORD LENGTH IS INDICATED IN THE FIELD NDHGLREC OF THE ASSOCIATED DATA SET HEADER.
1508	(5E4)	X'8C'	0	RSNCD140	"140" WHILE PROCESSING A SYSOUT STREAM DATA RECORD, A "FIRST" SEGMENT OF A SPANNED DATA RECORD WAS RECEIVED WHEN AN OUTSTANDING "FIRST" SEGMENT HAD ALREADY BEEN RECEIVED.
1508	(5E4)	X'90'	0	RSNCD144	"144" WHILE RECONSTRUCTING A SYSOUT STREAM NETWORK SPANNED DATA RECORD, A SEGMENT WAS DETECTED WHEN NO OUTSTANDING "FIRST" SEGMENT WAS RECEIVED.
1508	(5E4)	X'94'	0	RSNCD148	"148" WHILE PROCESSING A SYSOUT STREAM NETWORK SPANNED DATA RECORD, A PROBLEM WAS DETECTED WITH A WORK AREA.
1508	(5E4)	X'98'	0	RSNCD152	"152" WHILE PROCESSING A SYSOUT STREAM NON-SPANNED DATA RECORD, A "FIRST" SEGMENT OF A SPANNED DATA RECORD WAS DETECTED.

Table 522. Structure NRDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1508	(5E4)	X'9C'	0	RSNCD156	"156" WHILE PROCESSING A SYSOUT STREAM, A JOB HEADER RECORD WAS DETECTED AFTER RECEIVING DATA OR DATA SET HEADER RECORDS.
1508	(5E4)	X'A0'	0	RSNCD160	"160" WHILE PROCESSING A SYSOUT STREAM JOB HEADER RECORD, A ZERO LENGTH RECORD WAS DETECTED.
1508	(5E4)	X'A4'	0	RSNCD164	"164" A JOB HEADER SEGMENT WAS RECEIVED FOR A SYSOUT STREAM. WHILE REBUILDING THE JOB HEADER, THE LENGTH OF THE JOB HEADER EXCEEDED THE MAXIMUM SIZE ALLOWED.
1508	(5E4)	X'A8'	0	RSNCD168	"168" WHILE RECONSTRUCTING A SYSOUT STREAM JOB HEADER, A SEGMENT WITH A ZERO LENGTH WAS DETECTED.
1508	(5E4)	X'AC'	0	RSNCD172	"172" WHILE PROCESSING A JOB TRAILER BUFFER, A ZERO LENGTH JOB TRAILER RECORD WAS DETECTED.
1508	(5E4)	X'B0'	0	RSNCD176	"176" A JOB TRAILER SEGMENT WAS RECEIVED FOR A SYSOUT STREAM. WHILE REBUILDING THE JOB TRAILER, THE LENGTH OF THE JOB TRAILER EXCEEDED THE MAXIMUM SIZE ALLOWED.
1508	(5E4)	X'B4'	0	RSNCD180	"180" WHILE PROCESSING A DATA SET HEADER BUFFER,A ZERO LENGTH DATA SET HEADER RECORD WAS DETECTED.
1508	(5E4)	X'B8'	0	RSNCD184	"184" WHILE RECONSTRUCTING A SYSOUT STREAM DATA SET HEADER, A ZERO LENGTH SEGMENT WAS DETECTED.
1508	(5E4)	X'BC'	0	RSNCD188	"188" A DATA SET HEADER SEGMENT WAS RECEIVED FOR A SYSOUT STREAM. WHILE REBUILDING THE DATA SET HEADER, THE LENGTH OF THE DATA SET HEADER EXCEEDED THE MAXIMUM SIZE ALLOWED.
1508	(5E4)	X'C0'	0	RSNCD192	"192" THE FIRST SEGMENT OF A JOB TRAILER HAS ALREADY BEEN RECEIVED. AN ADDITIONAL RECORD WAS FOUND IN A JOB HEADER, DATA SET HEADER, OR JOB TRAILER BUFFER WHILE PROCESSING A SYSOUT STREAM FROM A SNA NODE. THE ADDITIONAL RECORD WAS NOT A JOB HEADER, DATA SET HEADER, JOB TRAILER, OR AN END OF FILE RECORD.
1508	(5E4)	X'C4'	0	RSNCD196	"196" THE FIRST SEGMENT OF A JOB TRAILER HAS ALREADY BEEN RECEIVED. AN ADDITIONAL RECORD WAS FOUND IN A JOB HEADER, DATA SET HEADER, OR JOB TRAILER BUFFER WHILE PROCESSING A SYSOUT STREAM FROM A BSC NODE. THE ADDITIONAL RECORD WAS NOT A JOB HEADER, DATA SET HEADER, JOB TRAILER, OR AN END OF FILE RECORD.
1508	(5E4)	X'C8'	0	RSNCD200	"200" THE FIRST SEGMENT OF THE JOB HEADER HAS NOT BEEN RECEIVED. AN ADDITIONAL RECORD WAS FOUND IN A JOB HEADER, DATA SET HEADER, OR JOB TRAILER BUFFER WHILE PROCESSING A SYSOUT STREAM. THE ADDITIONAL RECORD WAS NOT A JOB HEADER, DATA SET HEADER, OR JOB TRAILER RECORD.

Table 522. Structure NRDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1508	(5E4)	X'CC'	0	RSNCD204	"204" THE FIRST SEGMENT OF THE JOB HEADER HAS BEEN RECEIVED. AN ADDITIONAL RECORD WAS FOUND IN A JOB HEADER, DATA SET HEADER, OR JOB TRAILER BUFFER WHILE PROCESSING A SYSOUT STREAM. THE ADDITIONAL RECORD WAS NOT A JOB HEADER, DATA SET HEADER, OR JOB TRAILER RECORD. A DATA SET HEADER WAS CURRENTLY BEING CONSTRUCTED.
1508	(5E4)	X'D0'	0	RSNCD208	"208" AN INCORRECT SPECIFICATION OF THE JOB HEADER PASSWORD ENCRYPTION BITS WAS DETECTED.
1508	(5E4)	X'D4'	0	RSNCD212	"212" THE LENGTH OF A JOB HEADER SECTION IS NOT POSITIVE.
1508	(5E4)	X'D8'	0	RSNCD216	"216" THE TOTAL LENGTH OF ALL OF THE JOB HEADER SECTIONS IS NOT EQUAL TO THE LENGTH OF THE ENTIRE JOB HEADER MINUS THE JOB HEADER PREFIX.
1508	(5E4)	X'DC'	0	RSNCD220	"220" THE LENGTH OF A DATA SET HEADER SECTION IS NOT POSITIVE.
1508	(5E4)	X'E0'	0	RSNCD224	"224" THE TOTAL LENGTH OF ALL OF THE DATA SET HEADER SECTIONS IS NOT EQUAL TO THE LENGTH OF THE ENTIRE DATA SET HEADER MINUS THE DATA SET HEADER PREFIX.
1508	(5E4)	X'E4'	0	RSNCD228	"228" A STREAM WAS EITHER REJECTED BY THE SECURITY PRODUCT OR AN ERROR OCCURRED DURING THE PROCESSING OF THE SECURITY REQUEST.
1508	(5E4)	X'E8'	0	RSNCD232	"232" AN ERROR WAS DETECTED WHILE DECOMPRESSING A BSC RECORD FROM THE TRANSMISSION BUFFER.
1508	(5E4)	X'EC'	0	RSNCD236	"236" AN ERROR WAS DETECTED WHILE VALIDATING THE NEXT RECORD WITHIN THE TRANSMISSION BUFFER. THE NEXT RECORD WAS BEYOND THE END OF THE TRANSMISSION BUFFER.
1508	(5E4)	X'F0'	0	RSNCD240	"240" WHILE PROCESSING A SYSOUT STREAM RECORD, A "FIRST" SEGMENT OF A SDM SPANNED RECORD WAS RECEIVED WHEN AN OUTSTANDING "FIRST" SEGMENT OF A SDM SPANNED RECORD HAS ALREADY BEEN RECEIVED.
1508	(5E4)	X'F4'	0	RSNCD244	"244" WHILE PROCESSING A SYSOUT STREAM RECORD, A "FIRST" SEGMENT OF A SDM SPANNED RECORD WAS RECEIVED WHEN AN OUTSTANDING "FIRST" SEGMENT OF A SPANNED RECORD HAS ALREADY BEEN RECEIVED.
1508	(5E4)	X'F8'	0	RSNCD248	"248" WHILE PROCESSING A SYSOUT STREAM RECORD, AN "NTH" SEGMENT OF A SDM SPANNED RECORD WAS RECEIVED WHEN NO "FIRST" SEGMENT WAS RECEIVED.
1508	(5E4)	X'FC'	0	RSNCD252	"252" WHILE PROCESSING A SYSOUT STREAM RECORD, A "LAST" SEGMENT OF A SDM SPANNED RECORD WAS RECEIVED WHEN NO "FIRST" AND/OR "NTH" SEGMENT WAS RECEIVED.
1508	(5E4)	X'100'	0	RSNCD256	"256" WHILE PROCESSING A SYSOUT SPANNED RECORD, A "FIRST" SEGMENT OF A SPANNED RECORD WAS DETECTED WHEN AN OUTSTANDING "FIRST" SEGMENT OF A SDM SPANNED RECORD HAS BEEN RECEIVED.

Table 522. Structure NRDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1508	(5E4)	X'104'	0	RSNCD260	"260" WHILE PROCESSING A SYSOUT NON-SPANNED RECORD, AN OUTSTANDING "FIRST" SEGMENT OF A SDM SPANNED RECORD WAS DETECTED.
1508	(5E4)	X'108'	0	RSNCD264	"264" A JOB TRAILER HAS BEEN RECEIVED AND THE PRIOR SYSOUT STREAM CONTAINED A SDM SPANNED RECORD AND THE "LAST" SEGMENT OF THE SDM SPANNED RECORD HAS NOT BEEN RECEIVED.
1508	(5E4)	X'10C'	0	RSNCD268	"268" A JOB TRAILER HAS BEEN RECEIVED AND THE PRIOR SYSOUT STREAM CONTAINED A SPANNED RECORD AND THE LAST SEGMENT OF THE SPANNED RECORD HAS NOT BEEN RECEIVED
1508	(5E4)	X'110'	0	RSNCD272	"272" A DATASET HEADER HAS BEEN RECEIVED AND THE PRIOR SYSOUT STREAM CONTAINED A SDM SPANNED RECORD AND THE "LAST" SEGMENT OF THE SDM SPANNED RECORD HAS NOT BEEN RECEIVED.
1508	(5E4)	X'114'	0	RSNCD276	"276" A DATASET HEADER HAS BEEN RECEIVED AND THE PRIOR SYSOUT STREAM CONTAINED A SPANNED RECORD AND THE LAST SEGMENT OF THE SPANNED RECORD HAS NOT BEEN RECEIVED
1508	(5E4)	X'118'	0	RSNCD280	"280" While processing a SYSOUT stream record, the length of the record exceeded the logical record length.
1508	(5E4)	X'11C'	0	RSNCD284	"284" An error was detected while processing the SDM spanned record using temp. storage
1508	(5E4)	X'120'	0	RSNCD288	"288" While processing a SYSOUT stream, the segments of a spanned record exceeded the spanned record length contained in the first segment
1508	(5E4)	X'194'	0	RSNCD404	"404" THE END OF FILE RECORD WAS PASSED TO THE COMMON RECEIVER IN THE LAST TRANSMISSION BUFFER, BUT THE COMMON RECEIVER DID NOT DETECT THE END OF FILE RECORD.
1508	(5E4)	X'198'	0	RSNCD408	"408" THE END OF FILE RECORD WAS NOT PASSED TO THE COMMON RECEIVER IN THE LAST TRANSMISSION BUFFER, BUT THE COMMON RECEIVER DETECTED AN END OF FILE RECORD.
1508	(5E4)	X'19C'	0	RSNCD412	"412" WHILE PROCESSING A JOB STREAM, THE COMMON RECEIVER HAS DETECTED A TRANSMITTER ABORT RECORD WITHIN THE TRANSMISSION BUFFER.
1508	(5E4)	X'1A0'	0	RSNCD416	"416" WHILE PROCESSING A SYSOUT STREAM, THE COMMON RECEIVER HAS DETECTED A TRANSMITTER ABORT RECORD WITHIN THE TRANSMISSION BUFFER.
1508	(5E4)	X'1A8'	0	RSNCD424	"424" THE RECORDS WITHIN THE STREAM ARE NOT IN THE PROPER ORDER. EITHER A JOB HEADER RECORD WAS EXPECTED AND NOT FOUND, A JOB TRAILER RECORD WAS EXPECTED AND NOT FOUND, OR AN END OF FILE RECORD WAS EXPECTED AND NOT FOUND.
1508	(5E4)	X'1F8'	0	RSNCD504	"504" A TRANSMITTER ABORT OR AN END OF FILE RECORD WAS RECEIVED FOR A JOB STREAM THAT IS NOT ACTIVE.
1508	(5E4)	X'1FC'	0	RSNCD508	"508" A TRANSMITTER ABORT OR AN END OF FILE RECORD WAS RECEIVED FOR A SYSOUT STREAM THAT IS NOT ACTIVE.

Table 522. Structure NRDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1508	(5E4)	X'200'	0	RSNCD512	"512" A DECOMPRESSION ERROR OCCURRED WHILE PROCESSING A NODAL MESSAGE RECORD (NMR).
1508	(5E4)	X'3E7'	0	RSNCD999	"999" UNKNOWN ERROR (THE REASON CODE RETURNED BY THE COMMON RECEIVER WAS NOT RECOGNIZED).
1508	(5E4)	X'200'	0	REASNMAX	"RSNCD512" MAXIMUM DEFINED REASON CODE
1508	(5E4)	X'28'	0	RCBERMAX	"40" MAXIMUM REASON CODE FOR A PROBLEM WITH THE RCB (WILL CAUSE LINE TO TERMINATE).
		PARAMETER LIST FOR BSC DATA DECOMPRESSION ROUTINE NETWORKING DECOMPRESSION FORMATTING MACRO CHANGE ACTIVITY $L0=NPRPQ HJS2226 800410 PD0RS: SP R2			
1588	(634)	SIGNED	4	DPRSSPRM(0)	
1588	(634)	SIGNED	4	DPRSSSAV(16)	- SAVE AREA FOR CALLERS REGISTERS
1652	(674)	SIGNED	4	DPRSSRCD	- PTR TO RCB OF COMPRESSED RECORD
1656	(678)	SIGNED	4	DPRSSBFR	- PTR TO DECOMPRESSION WORK AREA
1660	(67C)	SIGNED	4	DPRSSNXT	- PTR TO NEXT RCB IN COMPRESSED RCD
1664	(680)	SIGNED	2	DPRSSLEN	- LENGTH OF DECOMPRESSED RECORD
1666	(682)	SIGNED	2	DPRSSMAX	- LENGTH OF DECOMPRESSION WORK AREA
1668	(684)	SIGNED	4	DPRSSEND(0)	- END OF DECOMPRESSION PARAMETER LIST
1668	(684)	BITSTRING	1	DPRSSSIZ(0)	- L'DPRSSSIZ = SIZE OF PARM LIST
		SPACE RESERVED FOR THE SECURITY CHECK CONTROL BLOCK			
1668	(684)	BITSTRING	1	NRDSEC	SPACE RESERVED FOR SEC
		SPACE RESERVED FOR THE SMF 49 RECORD. 0 NOTE: THIS SPACE IS NOT USED FOR ANYTHING. IT IS 0 HERE SO THAT THE IATYSSWE MACRO CAN EXPAND 0 WITHOUT ERROR (IATYSSWE REFERENCES THE SIZE 0 OF THE SMF 49 RECORD). 0			
3660	(E4C)	SIGNED	4	NRDSMF49(0)	0562

Table 522. Structure NRDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description

```
    START OF SPECIFICATIONS
    MACRO-NAME = IFASMFR
    PROPRIETARY STATEMENT =
    LICENSED MATERIALS - PROPERTY OF IBM
    5650-ZOS COPYRIGHT IBM CORP. 1977, 2019
    STATUS= HBB77C0
    EXTERNAL CLASSIFICATION: PI
    END OF EXTERNAL CLASSIFICATION:
            THIS MACRO MAPS RECORDS IN THE RANGE 00-06. IT
            ACTS AS A ROUTER TO OTHER MACROS TO PROCESS OTHER
            RECORDS AS FOLLOWS:
                MACRO RECORDS
               IFASMFR1 07-19
               IFASMFR2 20-27
               IFASMFR3 28-36
               IFASMFR4 37-46
               IFASMFR5 47-54
               IFASMFR6 55-69
               IFASMFR9 80-84
               IFASMFRA 85-103
               IFASMFRB 104-113
               IFASMFRC 114-123
               IFASMFRD 124-127
   01 METHOD OF ACCESS
     PL/S - USER DEFINES MACRO VARIABLE IFARXX WHERE XX=RECORD NUM
            DECLARE SMFXXPTR PTR(31) OR RESPECIFY FOR BASE
            INCLUDE MACRO FROM LIBRARY
             EXAMPLE %IFAR08 = 'YES', NOTE. THE COMMA REP-
                     DCL SMF08PTR PTR(31), RESENTS A SEMI-COLON
                     %INCLUDE SYSLIB(IFASMFR), BUT ISN'T TO AVIOD
                                                A DIAGNOSTIC.
   01 NOTES: none
    END OF SPECIFICATIONS
  THIS IS AN SMF MACRO WHICH CONTROLS THE BUILDING OF SMF RECORDS. THE
  REQUIRED FORMAT IS
        IFASMFR &RECTYPE
  NOTE: VALUES FOR &RECTYPE MUST BE ENCLOSED IN PARENS(UNLESS ONLY 1)
       START OF SPECIFICATIONS
01 MACRO-NAME = IFASMFR5
    COPYRIGHT =
    5650-ZOS COPYRIGHT IBM CORP., 1979, 2019
    LICENSED MATERIALS - PROPERTY OF IBM
    STATUS = HBB77C0
    EXTERNAL CLASSIFICATION: PI
    END OF EXTERNAL CLASSIFICATION:
    IFASMFR5 maps SMF records in the range 47-54.
        %GOTO IFASMFR5B;
       END OF SPECIFICATIONS
        %GOTO IFAL47;
```

```
SWITCH TO DETERMINE WHETHER TO GENERATE EQUATES FOR WRITING REC
 SUBSYSTEM INTEGRITY RECORD TYPE 49
```

3660	(E4C)	SIGNED	4	(0)	ALIGN TO FULL WORD BOUNDRY
3660	(E4C)	X'E4C'	0	SMFRCD49	"*" START OF RECORD
3660	(E4C)	X'E4C'	0	SMF49PTR	"*" HEADER SEGMENT
3660	(E4C)	BITSTRING	2	SMF49LEN	RECORD LENGTH
3662	(E4E)	BITSTRING	2	SMF49SEG	SEGMENT DESCRIPTOR
3664	(E50)	BITSTRING	1	SMF49FLG	HEADER FLAG BYTE
3665	(E51)	BITSTRING	1	SMF49RTY	RECORD TYPE 49
3665	(E51)	X'31'	0	SMFJ49	"49" INTEGRITY EVENT RECORD TYPE
3666	(E52)	BITSTRING	4	SMF49TME	TOD FROM TIME MACRO BINARY
3670	(E56)		4	SMF49DTE	DATE FROM TIME MACRO
3674	(E5A)	CHARACTER	4	SMF49SID	SYSTEM IDENTIFICATION

```
 SUBSYSTEM IDENTIFICATION SECTION
```

3678	(E5E)	BITSTRING	2	SMF49SBS	SUBSYSTEM IDENTIFIER
		.... ..1.		SMF49HSP	"X'0002'" JES2
		.... .1.1		SMF49ASP	"X'0005'" JES3 X'0006' SS06

Table 522. Structure NRDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
3680	(E60)	BITSTRING	2	SMF49RSV	RESV
3682	(E62)	BITSTRING	2	SMF49LRR	LGTH OF REMAINED OF RECORD (NOT INCLUDING THIS FIELD)
3682	(E62)	X'E64'	0	SMF49SBG	"*" SUBSYSTEM SECTION BEGINNING
JES2 AND JES3 SECTION					
3684	(E64)	BITSTRING	2	SMF49EVT(0)	EVENT STARTING
FOLLOWING BIT DEFINITIONS APPLY TO JES2					
3684	(E64)	BITSTRING	1	SMF49EJ2	First JES2 flag byte
3685	(E65)	BITSTRING	1	SMF49EJ22	JES2 flag byte
3685	(E65)	X'1'	0	SMF49SON	"1" SIGNON
3685	(E65)	X'2'	0	SMF49STL	"2" START LINE
FOLLOWING BIT DEFINITIONS APPLY TO JES3					
3684	(E64)	BITSTRING	1	SMF49EJ3	First JES2 flag byte
3685	(E65)	BITSTRING	1	SMF49EJ32	JES2 flag byte
3685	(E65)	X'1'	0	SMF49NER	"1" TERMINAL NOT DEFINED (BSC)
3685	(E65)	X'2'	0	SMF49PER	"2" SECURITY FAILURE (BSC)
3685	(E65)	X'4'	0	SMF49LER	"4" LINE ALREADY SIGNED ON (BSC)
3685	(E65)	X'8'	0	SMF49TER	"8" TERMINAL ALREADY SIGNED ON (BSC)
3685	(E65)	X'5'	0	SMF49LIM	"5" SESSION LIMIT EXCEEDED (SNA)
3685	(E65)	X'6'	0	SMF49DEF	"6" WORK STATION UNDEFINED (SNA)
3685	(E65)	X'7'	0	SMF49SPW	"7" SECURITY FAILURE (SNA)
3685	(E65)	X'8'	0	SMF49BND	"8" BIND FAILURE (SNA)
BEGINNING OF GENERAL SECTION					
3686	(E66)	BITSTRING	1	SMF49GEN(0)	Start of general section
3686	(E66)	BITSTRING	2	SMF49LN1	LGTH OF THIS SECTION(INCLUDING SELF-26)
3688	(E68)	CHARACTER	8	SMF49RMT	REMOTE NAME
3696	(E70)	CHARACTER	8	SMF49LIN	LINE NAME
3704	(E78)	CHARACTER	8	SMF49PSW	PASSWORD USED(INVALID)
BEGINNING OF SIGNON MESSAGE SECTION THIS SECTION EXISTS ONLY FOR SIGNON EVENT STARTS					
3712	(E80)	BITSTRING	1	SMF49A(0)	Start of signon message section
3712	(E80)	BITSTRING	2	SMF49LN2	LGTH OF THIS SECTION(INCLUDING SELF-38)
3714	(E82)	CHARACTER	36	SMF49MSG	MESSAGE FOR SIGNON, COLUMNS 35-70 OF SIGNON CARD.
3750	(EA6)	BITSTRING	1	SMF49END(0)	END OF JES3 RECORD
3750	(EA6)	BITSTRING	0	SMF49SIZ(0)	SIZE OF JES3 49 RECORD
SS06 SECTION					
3684	(E64)	BITSTRING	1	SMF49PCO(0)	Start of SS06 section
3684	(E64)	BITSTRING	3	SMF49VID	VIOLATOR IDENTIFICATION

Table 522. Structure NRDSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
3687	(E67)	BITSTRING	3	SMF49LNA	LIBRARY NUMBER OR ACCESSED LIBRARY
3690	(E6A)	BITSTRING	2	SMF49RV1	RESERVED
3692	(E6C)	CHARACTER	12	SMF49FLN	FILENAME OF FILE ATTEMPTED
3704	(E78)	BITSTRING	3	SMF49UFO	USERNUMBER OF FILE OWNER
STCKCONV Data Area 0 MACDATE 05/30/98					
3752	(EA8)	SIGNED	4	NRDLSTD(0)	
3752	(EA8)	BITSTRING	28		
3784	(EC8)	DBL WORD	8	(0)	Set Boundary 0004
3784	(EC8)	DBL WORD	8	NRDSTCK	Input to STCKCONV (TOD) 0004
3792	(ED0)	SIGNED	4	NRDTDCLK(4)	Output of STCKCONV 0004
3792	(ED0)	SIGNED	4	NRDTIME	Converted time in 0.01 SECS 0004
3796	(ED4)	SIGNED	4		STCKCONV Work Area 0004
3800	(ED8)	SIGNED	4	NRDDATE	Converted Date in 0YYYYDDD 0004
3804	(EDC)	SIGNED	4		STCKCONV Work Area 0004
Declares for CENTURY Conversion Packed Decimal Arithmetic 0					
3808	(EE0)	SIGNED	4	(0)	Set Boundary 0004
3808	(EE0)		4	NRDPTOD	Packed Decimal Work Area 0004
3812	(EE4)	ADDRESS	4	NRDNLGPT	Address of NLG when logging
3816	(EE8)	SIGNED	4	NRDRSVD(4)	Reserved for IBM
END OF THE NRD 0					
3832	(EF8)	DBL WORD	8	NRDDAEND(0)	
3832	(EF8)	BITSTRING	1	NRDDSIZE(0)	- L'NRDDSIZE = 'NRDSTART' SIZE

Table 523. Structure NRDRREC

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NRDRREC	
0	(0)	BITSTRING	1	NRDRRCB	Record control byte
1	(1)	BITSTRING	1	NRDRSRCB	Sub-record control byte
2	(2)	BITSTRING	1	NRDBSCR(0)	BSC record pointer
Only for SNA records					
2	(2)	BITSTRING	1	NRDSRIDL	RID record length
3	(3)	BITSTRING	1	NRDSNAR(0)	SNA record pointer
Only till this point BSC and SNA has different formats. SNA has an extra byte to store the RID record length. From this point onwards both the formats are exactly same and we can use a common structure. Common for both BSC and SNA records					
3	(3)	BITSTRING	1	NRDRECR(0)	Record pointer
3	(3)	BITSTRING	1	NRDRSEGL	Segment length
4	(4)	BITSTRING	1	NRDRDATA(0)	Non-spanned/Nth/LAST data pointer
4	(4)	BITSTRING	2	NRDRLRCL	Original logical record length

Table 523. Structure NRDRREC (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
6	(6)	BITSTRING	1	NRDRFDAT(0)	First spanned segment data pointer
		END OF THE NRDRREC The SDM spanned data temporary storage size is big enough to accomodate 10 segments of data. It can be calculated as : NRDBHDL + (NRDSHDL+L'NRDSEGD) 10 + NRDBTRL 0 where: 0 NRDBHDL is the buffer header length, 0 NRDSHDL is the segment header length, NRDSEGD is the segment data, and NRDBTRL is the buffer trailer length.			
6	(6)	X'A13'	0	NRDBUFSZ	"NRDBHDL+ (NRDSHDL+L'NRDSEGD)*10+NRDBTRL" 0072 Temp. storage buffer size

Table 524. Structure NRDBUFF

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NRDBUFF	
0	(0)	CHARACTER	4	NRDBID	Eye catcher
4	(4)	ADDRESS	4	NRDBNEXT	Next buffer address of SDM spanned data temp. storage
4	(4)	X'8'	0	NRDBHDL	"L'NRDBNEXT+L'NRDBID" Buffer header length
		SDM spanned sgments			
8	(8)	BITSTRING	1	NRDSEG(0)	SDM spanned data segments
8	(8)	BITSTRING	1	NRDSEGT	Segment type
9	(9)	BITSTRING	1	NRDSEGL	Segment length
10	(A)	BITSTRING	255	NRDSEGD	Segment data
10	(A)	X'2'	0	NRDSHDL	"L'NRDSEGT+L'NRDSEGL" Segment header length
10	(A)	X'1'	0	NRDBTRL	"L'NRDSEGT" Buffer trailer length
10	(A)	X'9'	0	NRDBTOL	"NRDBHDL+NRDBTRL" Total header/ trailer length
		END OF THE NRDBUFF			

Table 525. Cross Reference for IATYNRD

Name	Offset	Hex Tag
DPRSSBFR	678	
DPRSSEND	684	
DPRSSLEN	680	
DPRSSMAX	682	
DPRSSNXT	67C	
DPRSSPRM	634	
DPRSSRCD	674	
DPRSSSAV	634	
DPRSSSIZ	684	
NRDADJX	45F	1C
NRDADPRS	3EC	
NRDADSHB	3E8	

Table 525. Cross Reference for IATYNRD (continued)

Name	Offset	Hex Tag
NRDASSWE	408	
NRDBFEND	3FC	
NRDBFPTR	3F8	
NRDBHDL	4	8
NRDBID	0	D5D9C4C2
NRDBLINE	44C	40404040
NRDBNEXT	4	
NRDBSCR	2	
NRDBSCRC	58F	1
NRDBTOL	A	9
NRDBTRL	A	1
NRDBUFAD	3F0	
NRDBUFF	0	
NRDBUFLN	3F4	0
NRDBUFSZ	6	A13
NRDBZERO	186	BF
NRDCOMP	138	0
NRDDAEND	EF8	
NRDDATE	ED8	0
NRDDIR	45F	10
NRDDSHIN	2DE	80
NRDDSHLN	43E	0
NRDDSHTK	2DE	40
NRDDSIZE	EF8	
NRDDUB	45F	4
NRDDUBIE	45F	0
NRDEOB	308	FF
NRDFLAG1	58F	0
NRDFLAG2	590	0
NRDFL201	590	1
NRDFL202	590	2
NRDFL204	590	4
NRDFL208	590	8
NRDFL210	590	10
NRDFL220	590	20
NRDID	0	D5D9C440
NRDINDIR	45F	14
NRDINDLN	58C	2
NRDJBBRS	10C	
NRDJBBSC	103	8
NRDJBEOF	58F	10
NRDJBJCT	B8	0
NRDJBJDA	C4	0
NRDJBJDS	D0	0
NRDJBJMR	DC	0
NRDJBLOC	103	20

Table 525. Cross Reference for IATYNRD (continued)

Name	Offset	Hex Tag
NRDJBNAM	156	40404040
NRDJBNFY	17E	40404040
NRDJBNUM	152	
NRDJBORG	15E	40404040
NRDJBOSE	F4	0
NRDJBPRM	E8	0
NRDJBQUL	186	40
NRDJBRCT	108	0
NRDJBRCV	58F	40
NRDJBRMT	176	40404040
NRDJBRRS	110	
NRDJBSNA	103	2
NRDJBTCP	103	1
NRDJBTXT	5E4	40404040
NRDJBUSR	166	40404040
NRDJBXEQ	16E	40404040
NRDJCTAD	104	80
NRDJDFDB	44	0
NRDJDNUM	13C	40404040
NRDJHBLN	14C	
NRDJHBUF	118	
NRDJHFDB	4	0
NRDJHRCV	103	80
NRDJHTAT	80	0
NRDJJHBA	114	
NRDJJHFP	104	40
NRDJJHLN	150	0
NRDJJHLS	103	4
NRDJJRCV	103	10
NRDJOJBI	144	40404040
NRDJPARM	4	
NRDJRDEV	11C	0
NRDJREND	10C	
NRDJRSIZ	10C	
NRDJRVF1	103	0
NRDJRVF2	104	0
NRDJTATF	64	0
NRDJTFDB	24	0
NRDJTRCV	103	40
NRDJTTAT	9C	0
NRDLSTD	EA8	
NRDMJIBA	3F8	3F8
NRDMSGRT	592	
NRDNJHIN	590	80
NRDNJHNO	590	40
NRDNLGPT	EE4	

Table 525. Cross Reference for IATYNRD (continued)

Name	Offset	Hex Tag
NRDNTSPN	2DD	8
NRDOACDF	2E1	40
NRDOACTL	2DF	A0
NRDOBCNT	2C4	0
NRDOBNUM	32C	0
NRDOBRL	2F6	0
NRDOCBUF	2FC	
NRDOCCTL	2DF	0
NRDOCDSH	2DD	40
NRDOCTLF	2E0	F0
NRDODCCC	3B3	0
NRDODCTL	2E1	0
NRDODFDB	20C	0
NRDODNUM	314	40404040
NRDODOPN	2DD	10
NRDODPRO	2DC	2
NRDODRCV	2DC	20
NRDODSHF	1CC	0
NRDODSLN	330	0
NRDOFBUF	2F8	
NRDOFFDB	1EC	0
NRDOFSTR	2DF	88
NRDOGOTU	2DD	2
NRDOHBLN	324	
NRDOHBUF	2F0	
NRDOHFDB	18C	0
NRDOHRCV	2DC	80
NRDOHTAT	248	0
NRDOINDX	2D8	0
NRDOJCLS	2DB	0
NRDOJCTA	2DD	80
NRDOJHBA	2EC	
NRDOJHFP	2DD	4
NRDOJHLN	328	0
NRDOJHLS	2DC	1
NRDOJNAM	382	40404040
NRDOJNFY	3AA	40404040
NRDOJORG	38A	40404040
NRDOJQUL	3B2	40
NRDOJRMT	3A2	40404040
NRDOJTBA	310	
NRDOJTLN	32A	0
NRDOJUSR	392	40404040
NRDOJXEQ	39A	40404040
NRDOLCNT	2C0	0
NRDOLNCD	2DD	20

Table 525. Cross Reference for IATYNRD (continued)

Name	Offset	Hex Tag
NRDOLOCP	2DC	8
NRDOLRCL	30C	0
NRDOLSTR	2DF	8C
NRDOMCDF	2E1	9
NRDOMCTL	2DF	90
NRDONBUF	300	
NRDONCDF	2E1	0
NRDONCTL	2DF	80
NRDONSPN	2DF	80
NRDONTHR	2DF	84
NRDOOJBI	31C	40404040
NRDOPARM	18C	
NRDOPBRS	2E4	
NRDOPCNT	2CC	0
NRDOPEOF	58F	8
NRDOPJCT	280	0
NRDOPJDA	28C	0
NRDOPJDS	298	0
NRDOPJMR	2A4	0
NRDOPOSE	2B0	0
NRDOPPTR	308	
NRDOPRCV	58F	20
NRDOPRIO	2DA	0
NRDOPRRS	2E8	
NRDORCNT	2BC	0
NRDOREND	2E4	
NRDORGN	45F	C
NRDORRCV	2DC	10
NRDORSIZ	2E4	
NRDORVF1	2DC	0
NRDORVF2	2DD	0
NRDORVF3	2DE	0
NRDOSMD	2DE	20
NRDOSPNF	2E0	8F
NRDOSPTR	304	
NRDOSRCB	2E0	0
NRDOSTFP	2DC	4
NRDOSTRM	2DF	B0
NRDOTATF	22C	0
NRDOTCRD	2D0	0
NRDOTFDB	1AC	0
NRDOTKSV	332	0
NRDOTLIN	2D4	0
NRDOTRCV	2DC	40
NRDOTTAT	264	0
NRDOTUID	2DE	10

Table 525. Cross Reference for IATYNRD (continued)

Name	Offset	Hex Tag
NRDOWN	45F	8
NRDO3R01	2DE	1
NRDO3R02	2DE	2
NRDO3R04	2DE	4
NRDO3R08	2DE	8
NRDPOE	454	40404040
NRDPOE2	128	40404040
NRDPRTIC	45C	0
NRDPRTID	45D	0
NRDPTOD	EE0	
NRDRCBSV	58D	0
NRDRDATA	4	
NRDRECLN	43C	0
NRDRECNX	400	
NRDRECPT	404	
NRDRECR	3	
NRDRECWK	460	0
NRDRESRG	418	
NRDRESUM	414	
NRDRESV1	100	0
NRDRESV2	105	0
NRDRESV3	187	0
NRDRESV5	2E2	0
NRDRFDAT	6	
NRDRLRCL	4	
NRDRRCB	0	
NRDRREC	0	
NRDRSAVE	3B4	
NRDRSEGL	3	
NRDRSNCD	440	0
NRDRSRCB	1	
NRDRSVD	EE8	
NRDRTYPE	58C	
NRDSCB40	58C	40
NRDSDMFG	58E	0
NRDSDMFS	58E	40
NRDSDMSP	58E	80
NRDSEC	684	
NRDSECA	438	
NRDSEG	8	
NRDSEGD	A	
NRDSEGL	9	
NRDSEGSM	2F4	0
NRDSEGT	8	0
NRDSFSTS	58E	20
NRDSHDL	A	2

Table 525. Cross Reference for IATYNRD (continued)

Name	Offset	Hex Tag
NRDSKCNT	2C8	0
NRDSMF49	E4C	
NRDSNAR	3	
NRDSNARC	58F	80
NRDSNTHS	58E	10
NRDSPNDX	442	0
NRDSRIDL	2	
NRDSSECF	40C	
NRDSSLOT	590	4
NRDSSMSK	45E	
NRDSSNON	590	0
NRDSSWRK	410	
NRDSTART	0	
NRDSTCK	EC8	0
NRDTCPRC	58F	2
NRDTDCLK	ED0	0
NRDTIME	ED0	0
NRDTKN	45F	18
NRDTUSID	444	40404040
NRDUPJNO	134	0
NRDUPTAT	130	
NRDUTMSG	594	
NRDWAKUP	58F	4
RCBERMAX	5E4	28
REASNMAX	5E4	200
RSNCD004	5E4	4
RSNCD008	5E4	8
RSNCD012	5E4	C
RSNCD016	5E4	10
RSNCD044	5E4	2C
RSNCD048	5E4	30
RSNCD052	5E4	34
RSNCD056	5E4	38
RSNCD060	5E4	3C
RSNCD064	5E4	40
RSNCD068	5E4	44
RSNCD072	5E4	48
RSNCD076	5E4	4C
RSNCD080	5E4	50
RSNCD084	5E4	54
RSNCD088	5E4	58
RSNCD092	5E4	5C
RSNCD096	5E4	60
RSNCD100	5E4	64
RSNCD104	5E4	68
RSNCD108	5E4	6C

Table 525. Cross Reference for IATYNRD (continued)

Name	Offset	Hex Tag
RSNCD112	5E4	70
RSNCD116	5E4	74
RSNCD120	5E4	78
RSNCD124	5E4	7C
RSNCD128	5E4	80
RSNCD132	5E4	84
RSNCD136	5E4	88
RSNCD140	5E4	8C
RSNCD144	5E4	90
RSNCD148	5E4	94
RSNCD152	5E4	98
RSNCD156	5E4	9C
RSNCD160	5E4	A0
RSNCD164	5E4	A4
RSNCD168	5E4	A8
RSNCD172	5E4	AC
RSNCD176	5E4	B0
RSNCD180	5E4	B4
RSNCD184	5E4	B8
RSNCD188	5E4	BC
RSNCD192	5E4	C0
RSNCD196	5E4	C4
RSNCD200	5E4	C8
RSNCD204	5E4	CC
RSNCD208	5E4	D0
RSNCD212	5E4	D4
RSNCD216	5E4	D8
RSNCD220	5E4	DC
RSNCD224	5E4	E0
RSNCD228	5E4	E4
RSNCD232	5E4	E8
RSNCD236	5E4	EC
RSNCD240	5E4	F0
RSNCD244	5E4	F4
RSNCD248	5E4	F8
RSNCD252	5E4	FC
RSNCD256	5E4	100
RSNCD260	5E4	104
RSNCD264	5E4	108
RSNCD268	5E4	10C
RSNCD272	5E4	110
RSNCD276	5E4	114
RSNCD280	5E4	118
RSNCD284	5E4	11C
RSNCD288	5E4	120
RSNCD404	5E4	194

Table 525. Cross Reference for IATYNRD (continued)

Name	Offset	Hex Tag
RSNCD408	5E4	198
RSNCD412	5E4	19C
RSNCD416	5E4	1A0
RSNCD424	5E4	1A8
RSNCD504	5E4	1F8
RSNCD508	5E4	1FC
RSNCD512	5E4	200
RSNCD999	5E4	3E7
RTNCOD00	590	0
RTNCOD04	590	4
RTNCOD08	590	8
RTNCOD12	590	C
RTNCOD16	590	10
RTNCOD20	590	14
RTNCOD24	590	18
RTNCOD28	590	1C
RTNCOD32	590	20
RTNCOD36	590	24
SMFJ49	E51	31
SMFRCD49	E4C	E4C
SMF49A	E80	
SMF49ASP	E5E	5
SMF49BND	E65	8
SMF49DEF	E65	6
SMF49DTE	E56	
SMF49EJ2	E64	
SMF49EJ22	E65	
SMF49EJ3	E64	
SMF49EJ32	E65	
SMF49END	EA6	
SMF49EVT	E64	
SMF49FLG	E50	
SMF49FLN	E6C	
SMF49GEN	E66	
SMF49HSP	E5E	2
SMF49LEN	E4C	
SMF49LER	E65	4
SMF49LIM	E65	5
SMF49LIN	E70	
SMF49LNA	E67	
SMF49LN1	E66	
SMF49LN2	E80	
SMF49LRR	E62	
SMF49MSG	E82	
SMF49NER	E65	1
SMF49PCO	E64	

Table 525. Cross Reference for IATYNRD (continued)

Name	Offset	Hex Tag
SMF49PER	E65	2
SMF49PSW	E78	
SMF49PTR	E4C	E4C
SMF49RMT	E68	
SMF49RSV	E60	
SMF49RTY	E51	
SMF49RV1	E6A	
SMF49SBG	E62	E64
SMF49SBS	E5E	
SMF49SEG	E4E	
SMF49SID	E5A	
SMF49SIZ	EA6	
SMF49SON	E65	1
SMF49SPW	E65	7
SMF49STL	E65	2
SMF49TER	E65	8
SMF49TME	E52	
SMF49UFO	E78	
SMF49VID	E64	

IATYNRS information

IATYNRS programming interface information

The following fields are **NOT** programming interface information:

- *0146
- *0146
- NRSCKSBP
- NRSCKSWB
- NRSCMPR
- NRSDCMPR
- NRSTISP

IATYNRS heading information

Common name:	NETWORKING NJEROUT DATA AREA
Macro ID:	IATYNRS
DSECT name:	IATNTRD
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Main Storage: JES3 PRIVATE AREA Auxiliary Storage: N/A
Size:	7392 Bytes
Created by:	N/A
Pointed to by:	R13 (UPON ENTRY TO IATNTRS)
Serialization:	None

Function: THIS IS THE MAPPING OF THE REROUTE DATA CSECT. IT CONTAINS CONSTANTS AND WORK AREAS FOR USE BY THE NETWORKING NJEROUT DSP(IATNTRS).

IATYNRS mapping

Table 526. Structure IATNTRD

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATNTRD	
		IATYMOD BR=NO DATA CSECT IDENTIFIER JES3 MODULE ENTRY POINT IDENTIFIER 01 Change Activity: $SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0			
0	(0)	CHARACTER	8		MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM
		MACDATE -93/07/13-<0>			
36	(24)	SIGNED	2	M00M0377(0)	IXZXENVR-0
				IXZXENVR-0	

Table 527. Cross Reference for IATYNRS

Name	Offset	Hex Tag
IATNTRD	0	
M00M0377	24	

IATYNSCT information

IATYNSCT heading information

Common name: TCPIP Netserv Control Table

Macro ID: IATYNSCT

DSECT name: NSCTSTRT

Owning component: JES3 (SC1BA)

Eye-catcher ID: NSCT
Offset: 0
Length: 4

Storage attributes: Main Storage: Any
Subpool: 0
Key: 0
Data Space: None

Size: NSCTSIZE bytes

Created by: IATNTTAS

Pointed to by: NSSTNSCT field within IATYNSST
TCTJSDTA field within IAZYTCT

Serialization: None

Function: This macro maps the TCPIP NJE Netserv control table.

IATYNSCT mapping

Table 528. Structure NSCTSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NSCTSTRT	
0	(0)	CHARACTER	4	NSCTID	NSCT eyecatcher
4	(4)	ADDRESS	4	NSCTNEXT	Chain pointer
8	(8)	ADDRESS	1	NSCTVER	NSCT version number
8	(8)	X'1'	0	NSCTVER1	"1" NSCT version
8	(8)	X'2'	0	NSCTVER2	"2" NSCT version
8	(8)	X'2'	0	NSCTCVER	"NSCTVER2" Current NSCT version
9	(9)	BITSTRING	1	NSCTKEY	Old key saved by MODESET
10	(A)	SIGNED	2	NSCTLEN	NSCT length
12	(C)	ADDRESS	4	NSCTASCB	ASCB address
16	(10)	ADDRESS	4	NSCTCRQH	TCRQ head
20	(14)	ADDRESS	4	NSCTCRQT	TCRQ tail
24	(18)	ADDRESS	4	NSCTCQFH	Free TCRQ head
28	(1C)	ADDRESS	4	NSCTCQFT	Free TCRQ tail
32	(20)	ADDRESS	4	NSCTNJQH	Network job request head
36	(24)	ADDRESS	4	NSCTNJQT	Network job request tail
40	(28)	ADDRESS	4	NSCTPNJH	Pending n/w job req head
44	(2C)	ADDRESS	4	NSCTPNJT	Pending n/w job req tail
48	(30)	CHARACTER	8	NSCTNNAM	Name of our Netserv
56	(38)	CHARACTER	8	NSCTSTAK	Stack name
64	(40)	CHARACTER	8	NSCTHMND	Name of our home node
72	(48)	ADDRESS	4	NSCTTCT	IAZYTCT address
76	(4C)	SIGNED	4	NSCTEECB	ECB for communication task end (required on ATTACHX)
80	(50)	SIGNED	4	NSCTWECB	ECB to be posted when giving work to the communication task
84	(54)	ADDRESS	4	NSCTNSTH	Head of NSST chain
88	(58)	ADDRESS	4	NSCTNSTT	Tail of NSST chain
92	(5C)	ADDRESS	4	NSCTMEM	MEM for this Netserv
96	(60)	ADDRESS	4	NSCTSVT	Pointer to the SVT
100	(64)	BITSTRING	1	NSCTFLG1	Flags (copy of NTSVFLG1)
101	(65)	BITSTRING	1	NSCTFLG2	Flag byte 2
		Definition of NSCTFLG2.			
		1...		NSCTWAKE	"X'80'" Just wake up from wait
		.1..		NSCTNOTR	"X'40'" No transmitter available
		..1.		NSCTNOSK	"X'20'" No socket available
		...1		NSCTPEND	"X'10'" Pending request in progress
		.... 1...		NSCTABND	"X'08'" Abend in NTTXR exit
		.... .1..		NSCTREJT	"X'04'" Reject return
		.... ..1.		NSCTPCAN	"X'02'" Pending cancel request 06594SVA
		1		NSCTABN2	"X'01'" Abend in NTTCT module
102	(66)	BITSTRING	2	NSCTRSV2	Reserved for IBM

Table 528. Structure NSCTSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
104	(68)	SIGNED	4	NSCTDDCT	DD name counter used by socket subtasks to generate unique dd names for allocating datasets
108	(6C)	SIGNED	4	NSCTSAVE(18)	Save area for init routine and server main task
108	(6C)	X'6C'	0	NSCTSAV8	"NSCTSAVE,8,C'C'" Reuse 8 bytes of NSCTSAVE 07163SXA to use as work area for 07163SXA IATXPHEX 07163SXA
184	(B8)	DBL WORD	8	NSCTWORK	Doubleword work area
		Work area for creating named token for IAZYTCT			
192	(C0)	DBL WORD	8	NSCTNTWK(0)	Align on doubleword
192	(C0)	ADDRESS	4	NSCTP1AD	P1 (Level) address
196	(C4)	ADDRESS	4	NSCTP2AD	P2 (Name) address
200	(C8)	ADDRESS	4	NSCTP3AD	P3 (Token) address, also delete return code
204	(CC)	ADDRESS	4	NSCTP4AD	P4 (Persistent option) addr
208	(D0)	ADDRESS	4	NSCTP5AD	P5 (Create RC) address
212	(D4)	SIGNED	4	NSCTTKLV	Task level for token
216	(D8)	CHARACTER	16	NSCTTKNM	Name of NAME/TOKEN pair
232	(E8)	BITSTRING	16	NSCTTKTK	Token of NAME/TOKEN pair
248	(F8)	SIGNED	4	NSCTTKPR	Persistent option
252	(FC)	SIGNED	4	NSCTTKRC	Service return code
256	(100)	ADDRESS	4	(5)	CALL list form
		Parameter list for ESTAEX macro SCTESTA ESTAEX MF=L ESTAEX list form			
276	(114)	SIGNED	4	(0)	
276	(114)	ADDRESS	1	NSCTESTA	FLAGS FOR ESTAEX
277	(115)	ADDRESS	1		SECOND FLAG BYTE
278	(116)	ADDRESS	1		THIRD FLAG BYTE
279	(117)	ADDRESS	1		VERSION NUMBER
280	(118)	ADDRESS	4		TOKEN VALUE AREA
284	(11C)	ADDRESS	4		PARM. LIST ADDR. NOT SPECIFIED
288	(120)	ADDRESS	4		ALET FOR PARM LIST
292	(124)	ADDRESS	4		EXIT ADDR NOT SPECD
292	(124)	X'14'	0	NSCTESTL	"*-NSCTESTA" Length of list form
		Control parameter list for ATTACHX macro. SCTATXL ATTACHX SF=L ATTACHX list form MACDATE 11/11/91			
296	(128)	SIGNED	4	NSCTATXL(0)	
296	(128)	ADDRESS	4		DE OR EPLOC ADDRESS
300	(12C)	ADDRESS	4		DCB ADDRESS
304	(130)	ADDRESS	4		NEW FORMAT + ECB ADDR
308	(134)	ADDRESS	4		GSPL OR GSPV
312	(138)	ADDRESS	4		SHSPV OR SHSPL
316	(13C)	ADDRESS	4		EXIT ROUTINE ADDRESS
320	(140)	ADDRESS	2		DPMOD VALUE

Table 528. Structure NSCTSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
322	(142)	ADDRESS	1		LPMOD VALUE
323	(143)	ADDRESS	1		STATUS BYTE
324	(144)	ADDRESS	4	(2)	EP NAME SPACE
332	(14C)	ADDRESS	4		ADDRESS OF JSCB
336	(150)	ADDRESS	4		(E)STAI PARM LIST
340	(154)	ADDRESS	4		EXIT ADDRESS
344	(158)	ADDRESS	4		TASKLIB
348	(15C)	ADDRESS	1		FLAG BYTE
349	(15D)	ADDRESS	1		TASK ID
350	(15E)	ADDRESS	2		PARM LIST LENGTH
352	(160)	ADDRESS	4		SUBPOOL LIST ADDRESS/VALUE
356	(164)	ADDRESS	1		SET FLAGS
357	(165)	ADDRESS	1		SET UP FORMAT NUMBER
358	(166)	ADDRESS	1		SET FLAGS
359	(167)	ADDRESS	1		RESERVED BYTE
360	(168)	ADDRESS	4		EPLOC/DE/EP ALET
364	(16C)	ADDRESS	4		DCB ALET
368	(170)	ADDRESS	4		ECB ALET
372	(174)	ADDRESS	4		GSPL ALET
376	(178)	ADDRESS	4		SHSPL ALET
380	(17C)	ADDRESS	4		JSCB ALET
384	(180)	ADDRESS	4		(E)STAI PARAMETER ALET
388	(184)	ADDRESS	4		TASKLIB ALET
392	(188)	ADDRESS	4		NSHSPL ALET
392	(188)	X'64'	0	NSCTATLN	"*-NSCTATXL" Length of list form
User parameter list for ATTACHX macro.					
400	(190)	DBL WORD	8	NSCTATUL	ATTACHX user parameter list
Definitions for SDUMPX					
SCTIDP SDUMPX MF=L, List form of SDUMPX					
296	(128)	SIGNED	4	NSCTIDP(0)	SDUMP PARAMETER LIST
296	(128)	ADDRESS	1		FLAG BYTE
297	(129)	ADDRESS	1		FLAG BYTE
298	(12A)	ADDRESS	1		FLAG BYTE
299	(12B)	ADDRESS	1		FLAG BYTE
300	(12C)	ADDRESS	4		ADDRESS OF DCB
304	(130)	ADDRESS	4		ADDRESS OF STORAGE LIST
308	(134)	ADDRESS	4		ADDRESS OF USER DATA
312	(138)	ADDRESS	4		ADDRESS OF ECB/SRB
316	(13C)	ADDRESS	2		CURRENT ASID
318	(13E)	ADDRESS	2		OTHER ASID
320	(140)	ADDRESS	4		ADDRESS OF ASID LIST
324	(144)	ADDRESS	4		ADDRESS OF SUMLIST/SUMLSTA LIST

Table 528. Structure NSCTSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
328	(148)	ADDRESS	4		RESERVED
332	(14C)	ADDRESS	4		RESERVED
336	(150)	ADDRESS	1		FLAG BYTE
337	(151)	ADDRESS	1		CONTROL FLAG BYTE
338	(152)	ADDRESS	1		TYPE FLAG BYTE
339	(153)	ADDRESS	1		VERSION
340	(154)	ADDRESS	1		EXIT FLAG BYTE
341	(155)	ADDRESS	1		EXIT FLAG BYTE
342	(156)	ADDRESS	1		SDATA OPTIONS
343	(157)	ADDRESS	1		RESERVED SDATA OPTIONS
344	(158)	ADDRESS	4		ADDRESS OF SUBPLST
348	(15C)	ADDRESS	4		ADDRESS OF KEYLIST
352	(160)	ADDRESS	4		RESERVED
356	(164)	ADDRESS	4		ALET OF DCB PARAMETER
360	(168)	ADDRESS	4		ALET OF STORAGE PARAM
364	(16C)	ADDRESS	4		ALET OF HDR PARAMETER
368	(170)	ADDRESS	4		ALET OF ASIDLST PARAM
372	(174)	ADDRESS	4		ALET OF SUMLIST PARAM
376	(178)	ADDRESS	4		ALET OF SUBPLST PARAM
380	(17C)	ADDRESS	4		ALET OF KEYLIST PARAM
384	(180)	ADDRESS	4		ADDRESS OF LISTD
388	(184)	ADDRESS	4		No ALET for LISTD/LIST64
392	(188)	ADDRESS	4		No SUMLSTL or SUMLIST64
396	(18C)	ADDRESS	4		ALET SUMLSTL or SUMLIST64
400	(190)	ADDRESS	4		No address for PSWREGS
404	(194)	ADDRESS	4		No Alet for PSWREGS
408	(198)	ADDRESS	4		ADDRESS OF SYMREC
412	(19C)	ADDRESS	4		ALET OF SYMREC
416	(1A0)	ADDRESS	4		ADDRESS OF ID
420	(1A4)	ADDRESS	4		ALET OF ID
424	(1A8)	ADDRESS	4		ADDRESS FOR STRLIST
428	(1AC)	ADDRESS	4		ALET OF STRLIST PARAM
432	(1B0)	ADDRESS	4		ADDRESS FOR INTOKEN
436	(1B4)	ADDRESS	4		ALET OF INTOKEN PARAM
440	(1B8)	ADDRESS	4		ADDRESS FOR REMOTE
444	(1BC)	ADDRESS	4		ALET OF REMOTE PARAM
448	(1C0)	ADDRESS	4		ADDRESS FOR PROBDESC
452	(1C4)	ADDRESS	4		ALET OF PROBDESC PARAM
456	(1C8)	ADDRESS	4		ADDRESS FOR JOBLIST
460	(1CC)	ADDRESS	4		ALET OF JOBLIST PARAM
464	(1D0)	ADDRESS	4		ADDRESS FOR DSPLIST
468	(1D4)	ADDRESS	4		ALET OF DSPLIST PARAM
472	(1D8)	ADDRESS	1		SDUMP Control Flag values
473	(1D9)	BITSTRING	3		RESERVED
476	(1DC)	ADDRESS	4		ADDRESS FOR UTOKEN

Table 528. Structure NSCTSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
476	(1DC)	X'B8'	0	NSCTIDPL	"*-NSCTIDP" Length of SDUMPX MF=L

```
        Parameter list for IATXFIFO (used by socket tasks).
     $S0= TCPNJE HJS7730 040811 PD0RF: z 1.8.0
, IATXFIFO MF=L
```

296	(128)	SIGNED	4	NSCTFIFO(0)	IATXFIFO List Form
296	(128)	ADDRESS	4		ELEMADDR pointer
300	(12C)	ADDRESS	4		DQELEM pointer
304	(130)	ADDRESS	4		HEAD pointer
308	(134)	ADDRESS	4		TAIL pointer
312	(138)	SIGNED	2		ELNEXT offset
314	(13A)	SIGNED	2		ELPREV offset
316	(13C)	ADDRESS	4		ECB pointer
320	(140)	ADDRESS	4		ASCB pointer
324	(144)	SIGNED	4	(13)	Save area for R2-R14

```
------------------------------------------------------------ 07643SVA
        Parameter list for IATXFIFO (used by communication 07643SVA
        task). 07643SVA
------------------------------------------------------------ 07643SVA
     $S0= TCPNJE HJS7730 040811 PD0RF: z 1.8.0
, IATXFIFO MF=L
```

480	(1E0)	SIGNED	4	NSCTFIFC(0)	IATXFIFO List Form
480	(1E0)	ADDRESS	4		ELEMADDR pointer
484	(1E4)	ADDRESS	4		DQELEM pointer
488	(1E8)	ADDRESS	4		HEAD pointer
492	(1EC)	ADDRESS	4		TAIL pointer
496	(1F0)	SIGNED	2		ELNEXT offset
498	(1F2)	SIGNED	2		ELPREV offset
500	(1F4)	ADDRESS	4		ECB pointer
504	(1F8)	ADDRESS	4		ASCB pointer
508	(1FC)	SIGNED	4	(13)	Save area for R2-R14
560	(230)	CHARACTER	112	NSCTSEL	SEL within NSCT
672	(2A0)	ADDRESS	4	NSCTNTSS	Entry point of IATNTTSS
676	(2A4)	ADDRESS	4	NSCTCTCB	Communication task TCB
680	(2A8)	SIGNED	2	NSCTPORT	Netserv port number
682	(2AA)	BITSTRING	2	NSCTRSV3	Reserved for IBM
684	(2AC)	BITSTRING	255	NSCTHOST	Netserv host name
939	(3AB)	BITSTRING	1		Reserved - do not use
940	(3AC)	BITSTRING	3	NSCTRSV4	Reserved for IBM
943	(3AF)	BITSTRING	1	NSCTEXIT	NTTXR Exits.

```
        Recovery foot prints for address space level exits.
```

	1	NCASINIT	"X'01'" Addr space initiation
	.... ..1.	NCASTERM	"X'02'" Addr space termination
	11	NCASRQST	"X'03'" Address space request
	.... .1..	NCASTRAC	"X'04'" Address space trace
	.... .1.1	NCSTINIT	"X'05'" Subtask initiation
	.... .11.	NCSTTRAC	"X'06'" Subtask trace

Table 528. Structure NSCTSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... .111		NCCONNRQ	"X'07'" Connect request
944	(3B0)	ADDRESS	4	NSCTSTOR	Temporary storage addresss for recovery
948	(3B4)	SIGNED	4	NSCTSECB	ECB to be posted when 07644SXA previous socket subtask 07644SXA terminates 07644SXA 07644SXA
952	(3B8)	SIGNED	4	NSCTDECB	ECB for SDUMPX processing
956	(3BC)	SIGNED	4	NSCTRSV5(3)	Reserved for IBM
		Parameter list for WTO. SCTWTO WTO TEXT= - , Parameter list for WTO			
968	(3C8)	SIGNED	4	NSCTWTO(0)	
968	(3C8)	ADDRESS	2		TEXT LENGTH
970	(3CA)	BITSTRING	2		MCSFLAGS
972	(3CC)	ADDRESS	4		MESSAGE TEXT ADDRESS
976	(3D0)	ADDRESS	1		VERSION LEVEL
977	(3D1)	BITSTRING	1		MISCELLANEOUS FLAGS
978	(3D2)	ADDRESS	1		REPLY LENGTH
979	(3D3)	ADDRESS	1		LENGTH OF WPX
980	(3D4)	BITSTRING	2		EXTENDED MCS FLAGS
982	(3D6)	ADDRESS	2		RESERVED
984	(3D8)	ADDRESS	4		REPLY BUFFER ADDRESS
988	(3DC)	ADDRESS	4		REPLY ECB ADDRESS
992	(3E0)	ADDRESS	4		CONNECT ID
996	(3E4)	BITSTRING	2		DESCRIPTOR CODES
998	(3E6)	ADDRESS	2		RESERVED
1000	(3E8)	BITSTRING	16		
1016	(3F8)	BITSTRING	2		MESSAGE TYPE
1018	(3FA)	ADDRESS	2		MESSAGE'S PRIORITY
1020	(3FC)	CHARACTER	8		JOB ID
1028	(404)	CHARACTER	8		JOB NAME
1036	(40C)	CHARACTER	8		RETRIEVAL KEY
1044	(414)	ADDRESS	4		TOKEN FOR DOM
1048	(418)	ADDRESS	4		CONSOLE ID
1052	(41C)	CHARACTER	8		SYSTEM NAME
1060	(424)	CHARACTER	8		CONSOLE NAME
1068	(42C)	ADDRESS	4		REPLY CONSOLE NAME/ID ADDR
1072	(430)	ADDRESS	4		CART ADDRESS
1076	(434)	ADDRESS	4		WSPARM ADDRESS
1076	(434)	X'70'	0	NSCTWTOL	"*-NSCTWTO" Parameter list length
		Message text area			
1080	(438)	CHARACTER	122	NSCTWTTX	WTO text (len + 120 chars)
		ESTAE Register save area			
1204	(4B4)	SIGNED	4	NSCTGR(0)	Align register save area
1204	(4B4)	SIGNED	4	NSCTGR00	Register 0 save area

Table 528. Structure NSCTSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1208	(4B8)	SIGNED	4	NSCTGR01	Register 1 save area
1212	(4BC)	SIGNED	4	NSCTGR02	Register 2 save area
1216	(4C0)	SIGNED	4	NSCTGR03	Register 3 save area
1220	(4C4)	SIGNED	4	NSCTGR04	Register 4 save area
1224	(4C8)	SIGNED	4	NSCTGR05	Register 5 save area
1228	(4CC)	SIGNED	4	NSCTGR06	Register 6 save area
1232	(4D0)	SIGNED	4	NSCTGR07	Register 7 save area
1236	(4D4)	SIGNED	4	NSCTGR08	Register 8 save area
1240	(4D8)	SIGNED	4	NSCTGR09	Register 9 save area
1244	(4DC)	SIGNED	4	NSCTGR10	Register 10 save area
1248	(4E0)	SIGNED	4	NSCTGR11	Register 11 save area
1252	(4E4)	SIGNED	4	NSCTGR12	Register 12 save area
1256	(4E8)	SIGNED	4	NSCTGR13	Register 13 save area
1260	(4EC)	SIGNED	4	NSCTGR14	Register 14 save area
1264	(4F0)	SIGNED	4	NSCTGR15	Register 15 save area
	ESTAEX Tokens (subtask token is in IATYNSST)				
1268	(4F4)	SIGNED	4	NSCTTKCT	IATNTTCT token
1272	(4F8)	SIGNED	4	NSCTTKXR	IATNTTXR main token
1276	(4FC)	SIGNED	4	NSCTEN1(0)	End of NSCT table (V1)
1276	(4FC)	X'4FC'	0	NSCTSIZ1	"NSCTEN1-NSCTSTRT" Size of NSCT table (V1)
	Latch work area for the communications task Callable latch set entry points				
1276	(4FC)	ADDRESS	4	NSCTLCEP	Latch create EP
1280	(500)	ADDRESS	4	NSCTLOEP	Latch obtain EP
1284	(504)	ADDRESS	4	NSCTLREP	Latch release EP
1288	(508)	ADDRESS	4	NSCTLPRG	Latch purge EP
	JES3 latch service routine entry points				
1292	(50C)	ADDRESS	4	NSCTLOR	Latch obtain routine
1296	(510)	ADDRESS	4	NSCTLRR	Latch release routine
1300	(514)	ADDRESS	4	NSCTLPR	Latch purge routine
	Miscellaneous latch data				
1304	(518)	DBL WORD	8	NSCTLWAH(0)	Latch work area chain head
1304	(518)	ADDRESS	4	NSCTLWAC	Latch work area chain ptr
1308	(51C)	SIGNED	4	NSCTLCTR	Latch work area chain serialization counter
1312	(520)	DBL WORD	8	NSCTCHD(0)	Current latch holder data
1312	(520)	ADDRESS	4	NSCTCH	Current latch holder
1316	(524)	ADDRESS	4	NSCTCHA	Current holder's work area
1320	(528)	BITSTRING	8	NSCTLST	Latch set token

Table 528. Structure NSCTSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		Last 10 latch operations. Each operation is represented by an entry containing two words. The first word is the TCB address of the caller; the second word is the caller's return address. There are 10 entries. The most recent entry is the last entry.			
1328	(530)	BITSTRING	1	NSCTLTRC(10)	Rolling latch trace table

Table 529. Structure NSCTLTE

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NSCTLTE	Latch trace entry
0	(0)	ADDRESS	4	NSCTLTCB	Latch caller TCB address
4	(4)	ADDRESS	4	NSCTLTCA	Latch caller return address
4	(4)	X'8'	0	NSCTLTLN	"*-NSCTLTE" Latch trace length

Table 530. Structure NSCTSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NSCTSTRT	Resume NSCT DSECT
		Latch set create parameter area			
1408	(580)	DBL WORD	8	NSCTLSWA	Latch set work area
1408	(580)	BITSTRING	16	NSCTLSW2	Yet another work area
1408	(580)	BITSTRING	8	NSCTLSWT	Time work area
1416	(588)	BITSTRING	4	NSCTLSWD	Date work area
1420	(58C)	BITSTRING	4	NSCTLSWP	Pad
1424	(590)	SIGNED	4	NSCTTIME(0)	
		TIME LINKAGE=SYSTEM,MF=L TIME macro parameter list MACDATE 02/15/04			
1424	(590)	SIGNED	4	(0)	
1424	(590)	BITSTRING	28		
1424	(590)	X'590'	0	NSCTTPRM	"NSCTTIME,*-NSCTTIME"
1452	(5AC)	SIGNED	4	NSCTLSLC	Latch set latch count
1456	(5B0)	SIGNED	4	NSCTLSO	Latch set options
1460	(5B4)	SIGNED	4	NSCTLSRC	Latch set return code
1464	(5B8)	CHARACTER	48	NSCTLSN(0)	Latch set name
1464	(5B8)	CHARACTER	13	NSCTLSNX	-Prefix
1477	(5C5)	CHARACTER	6	NSCTLSNA	-ASID
1483	(5CB)	CHARACTER	1	NSCTLSE1	-Separator
1484	(5CC)	CHARACTER	8	NSCTLDAT	-Date (MMDDYYYY)
1492	(5D4)	CHARACTER	1	NSCTLSE2	-Separator
1493	(5D5)	CHARACTER	6	NSCTLTIM	-Time (HHMMSS)
1499	(5DB)	CHARACTER	13	NSCTLPAD	-Pad
1512	(5E8)	SIGNED	4	NSCTRSA(18)	Register save area
1584	(630)	SIGNED	4	NSCTLPL(5)	Latch create parm list
1604	(644)	SIGNED	4	NSCTEN2(0)	End of NSCT table (V2)

Table 530. Structure NSCTSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1604	(644)	X'644'	0	NSCTSIZ2	"NSCTEN2-NSCTSTRT" Size of NSCT table (V2)
1604	(644)	X'644'	0	NSCTSIZE	"NSCTSIZ2" NSCT size (current version)

Table 531. Structure NLWA

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NLWA	NETSERV latch work area
0	(0)	CHARACTER	4	NLWAID	Eye catcher
4	(4)	ADDRESS	4	NLWANEXT	Next work area pointer
8	(8)	SIGNED	4	NLWALPL(9)	Latch parameter list
44	(2C)	SIGNED	4	NLWALIDX	Latch index
48	(30)	SIGNED	4	NLWALOPT	Latch service option
52	(34)	SIGNED	4	NLWALACC	Latch access option
56	(38)	ADDRESS	4	NLWALEA	Latch ECB address
60	(3C)	SIGNED	4	NLWALRC	Latch return code
64	(40)	SIGNED	4	NLWALRSA(18)	Latch register save area
136	(88)	BITSTRING	8	NLWALRID	Latch requestor ID
144	(90)	BITSTRING	8	NLWALT	Latch token
152	(98)	BITSTRING	1	NLWALWA(0)	Latch work area
408	(198)	SIGNED	4	NLWAEND(0)	End of latch work area
408	(198)	X'198'	0	NLWASIZE	"NLWAEND-NLWA" Size of latch work area

Table 532. Cross Reference for IATYNSCT

Name	Offset	Hex Tag
NCASINIT	3AF	1
NCASRQST	3AF	3
NCASTERM	3AF	2
NCASTRAC	3AF	4
NCCONNRQ	3AF	7
NCSTINIT	3AF	5
NCSTTRAC	3AF	6
NLWA	0	
NLWAEND	198	
NLWAID	0	D5D3E6C1
NLWALACC	34	0
NLWALEA	38	
NLWALIDX	2C	0
NLWALOPT	30	0
NLWALPL	8	0
NLWALRC	3C	0
NLWALRID	88	0
NLWALRSA	40	0
NLWALT	90	0
NLWALWA	98	0

Table 532. Cross Reference for IATYNSCT (continued)

Name	Offset	Hex Tag
NLWANEXT	4	
NLWASIZE	198	198
NSCTABND	65	8
NSCTABN2	65	1
NSCTASCB	C	
NSCTATLN	188	64
NSCTATUL	190	
NSCTATXL	128	
NSCTCH	520	
NSCTCHA	524	
NSCTCHD	520	
NSCTCQFH	18	
NSCTCQFT	1C	
NSCTCRQH	10	
NSCTCRQT	14	
NSCTCTCB	2A4	
NSCTCVER	8	2
NSCTDDCT	68	0
NSCTDECB	3B8	
NSCTEECB	4C	
NSCTEN1	4FC	
NSCTEN2	644	
NSCTESTA	114	
NSCTESTL	124	14
NSCTEXIT	3AF	
NSCTFIFC	1E0	
NSCTFIFO	128	
NSCTFLG1	64	
NSCTFLG2	65	0
NSCTGR	4B4	
NSCTGR00	4B4	0
NSCTGR01	4B8	0
NSCTGR02	4BC	0
NSCTGR03	4C0	0
NSCTGR04	4C4	0
NSCTGR05	4C8	0
NSCTGR06	4CC	0
NSCTGR07	4D0	0
NSCTGR08	4D4	0
NSCTGR09	4D8	0
NSCTGR10	4DC	0
NSCTGR11	4E0	0
NSCTGR12	4E4	0
NSCTGR13	4E8	0
NSCTGR14	4EC	0
NSCTGR15	4F0	0

Table 532. Cross Reference for IATYNSCT (continued)

Name	Offset	Hex Tag
NSCTHMND	40	
NSCTHOST	2AC	
NSCTID	0	D5E2C3E3
NSCTIDP	128	
NSCTIDPL	1DC	B8
NSCTKEY	9	0
NSCTLCEP	4FC	
NSCTLCTR	51C	0
NSCTLDAT	5CC	40404040
NSCTLEN	A	0
NSCTLOEP	500	
NSCTLOR	50C	
NSCTLPAD	5DB	40404040
NSCTLPL	630	0
NSCTLPR	514	
NSCTLPRG	508	
NSCTLREP	504	
NSCTLRR	510	
NSCTLSE1	5CB	6D
NSCTLSE2	5D4	6D
NSCTLSLC	5AC	0
NSCTLSN	5B8	
NSCTLSNA	5C5	40404040
NSCTLSNX	5B8	D1C5E2F3
NSCTLSO	5B0	0
NSCTLSRC	5B4	0
NSCTLST	528	0
NSCTLSWA	580	0
NSCTLSWD	588	0
NSCTLSWP	58C	0
NSCTLSWT	580	0
NSCTLSW2	580	0
NSCTLTCA	4	
NSCTLTCB	0	
NSCTLTE	0	
NSCTLTIM	5D5	40404040
NSCTLTLN	4	8
NSCTLTRC	530	0
NSCTLWAC	518	
NSCTLWAH	518	
NSCTMEM	5C	
NSCTNEXT	4	
NSCTNJQH	20	
NSCTNJQT	24	
NSCTNNAM	30	
NSCTNOSK	65	20

Table 532. Cross Reference for IATYNSCT (continued)

Name	Offset	Hex Tag
NSCTNOTR	65	40
NSCTNSTH	54	
NSCTNSTT	58	
NSCTNTSS	2A0	
NSCTNTWK	C0	
NSCTPCAN	65	2
NSCTPEND	65	10
NSCTPNJH	28	
NSCTPNJT	2C	
NSCTPORT	2A8	
NSCTP1AD	C0	
NSCTP2AD	C4	
NSCTP3AD	C8	
NSCTP4AD	CC	
NSCTP5AD	D0	
NSCTREJT	65	4
NSCTRSA	5E8	0
NSCTRSV2	66	
NSCTRSV3	2AA	
NSCTRSV4	3AC	
NSCTRSV5	3BC	
NSCTSAVE	6C	
NSCTSAV8	6C	6C
NSCTSECB	3B4	
NSCTSEL	230	
NSCTSIZE	644	644
NSCTSIZ1	4FC	4FC
NSCTSIZ2	644	644
NSCTSTAK	38	
NSCTSTOR	3B0	
NSCTSTRT	0	
NSCTSTRT	0	
NSCTSVT	60	
NSCTTCT	48	
NSCTTIME	590	
NSCTTKCT	4F4	0
NSCTTKLV	D4	
NSCTTKNM	D8	
NSCTTKPR	F8	
NSCTTKRC	FC	
NSCTTKTK	E8	
NSCTTKXR	4F8	0
NSCTTPRM	590	590
NSCTVER	8	
NSCTVER1	8	1
NSCTVER2	8	2

Table 532. Cross Reference for IATYNSCT (continued)

Name	Offset	Hex Tag
NSCTWAKE	65	80
NSCTWECB	50	
NSCTWORK	B8	
NSCTWTO	3C8	
NSCTWTOL	434	70
NSCTWTTX	438	

IATYNSST information

IATYNSST heading information

Common name: TCPIP NETSERV Subtask Table

Macro ID: IATYNSST

DSECT name: NSSTSTRT

Owning component: JES3 (SC1BA)

Eye-catcher ID: NSST
Offset: 0
Length: 4

Storage attributes: Main Storage: Any
Subpool: 0
Key: 0
Data Space: None

Size: NSSTSIZE bytes

Created by: IATNTTSS
IATNTTXR

Pointed to by: NSCNSSTH field within IATYNSCT
NSCNSSTT field within IATYNSCT
NSSTNEXT field within IATYNSST
NSSTPREV field within IATYNSST
TSCTJSDT field within IAZYTSCT

Serialization: None

Function: This macro maps the TCPIP NJE NETSERV control table. This structure describes a TCPIP subtask that represents a socket.

IATYNSST mapping

Table 533. Structure NSSTSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NSSTSTRT	
0	(0)	CHARACTER	4	NSSTID	NSST eyecatcher
4	(4)	ADDRESS	1	NSSTVER	NSST version number
4	(4)	X'1'	0	NSSTVR01	"1" NSST version
4	(4)	X'1'	0	NSSTCVER	"NSSTVR01" Current version
5	(5)	BITSTRING	1	NSSTFLG1	Flags (copy of SOCKFLG1)
6	(6)	BITSTRING	1	NSSTFLG2	Flag 2
		Definition for socket sub task flag 2.			
		1...		NSSTSTAC	"X'80'" Job/Sysout streams active
		.1..		NSSTQUED	"X'40'" NSST queued to NSCT 06297SVA
		..1.		NSSTABND	"X'20'" Abend in NTTXR exit

Table 533. Structure NSSTSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		...1		NSSTREJT	"X'10'" Reject return
		.... 1...		NSSTRLSE	"X'08'" Release all jobs in socket
		.... .1..		NSSTNOPS	"X'04'" No pending start for the 07644SXC same socket 07644SXA
		.... ..1.		NSSTF202	"X'02'" Reserved for IBM
		1		NSSTF201	"X'01'" Reserved for IBM
7	(7)	BITSTRING	1	NSSTRS01	Reserved for IBM
8	(8)	CHARACTER	8	NSSTNAME	Socket name
16	(10)	CHARACTER	8	NSSTNODE	Node name using the socket
24	(18)	ADDRESS	1	NSSTJTRN	Number of job transmitters
25	(19)	ADDRESS	1	NSSTJTUC	Use count of job transmitters
26	(1A)	ADDRESS	1	NSSTOTRN	Number of SYSOUT transmitters
27	(1B)	ADDRESS	1	NSSTOTUC	Use count of SYSOUT xmitters
28	(1C)	ADDRESS	1	NSSTJRCV	Number of job receivers
29	(1D)	ADDRESS	1	NSSTORCV	Number of SYSOUT receivers
30	(1E)	BITSTRING	4	NSSTFEAT	Features supported
34	(22)	SIGNED	2	NSSTSPDX	Spool partition index
36	(24)	ADDRESS	4	NSSTNJEA	Pointer to copy of NJE entry
40	(28)	ADDRESS	4	NSSTTSCT	IAZYTSCT address
44	(2C)	ADDRESS	4	NSSTNSCT	NSCT address
48	(30)	ADDRESS	4	NSSTNEXT	Next NSST chain pointer
52	(34)	ADDRESS	4	NSSTPREV	Prev NSST chain pointer
56	(38)	BITSTRING	2	NSSTBFSZ	Negotiated buffer size 06305SVA
58	(3A)	SIGNED	2	NSSTRS16	Reserved for IBM 06305SVC
60	(3C)	SIGNED	4	NSSTSELB	SEL buffer address
64	(40)	SIGNED	4	NSSTDECB	ECB for SDUMPX processing
68	(44)	ADDRESS	4	NSSTTPRM	IAZYTPRM address
72	(48)	CHARACTER	8	NSSTDDNM	DDNAME used to allocate | | dummy datasets | ----------> NSCTDDCT in printable hex ----------> Characters "T3"
72	(48)	X'4A'	0	NSSTDDNU	"NSSTDDNM+2,6" Number portion of DDNAME
80	(50)	BITSTRING	1	NSSTSTNO	Job/Sysout stream number
Valid RCB values					
		1..1		NSSTRINT	"X'90'" Request for initiation
		1.1.		NSSTPINT	"X'A0'" Permission for initiation
		1.11		NSSTRCAN	"X'B0'" Request for receiver cancel
		11..		NSSTRCMP	"X'C0'" Request for completion
		1..1 1...		NSSTR98	"X'98'" Sysin RCB for stream one
		1.1. 1...		NSSTRA8	"X'A8'" Sysin RCB for stream two
		1.11 1...		NSSTRB8	"X'B8'" Sysin RCB for stream three
		11.. 1...		NSSTRC8	"X'C8'" Sysin RCB for stream four
		11.1 1...		NSSTRD8	"X'D8'" Sysin RCB for stream five
		111. 1...		NSSTRE8	"X'E8'" Sysin RCB for stream six
		1111 1...		NSSTRF8	"X'F8'" Sysin RCB for stream seven

Table 533. Structure NSSTSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1..1 1..1		NSSTR99	"X'99'" Sysout RCB for stream one
		1.1. 1..1		NSSTRA9	"X'A9'" Sysout RCB for stream two
		1.11 1..1		NSSTRB9	"X'B9'" Sysout RCB for stream three
		11.. 1..1		NSSTRC9	"X'C9'" Sysout RCB for stream four
		11.1 1..1		NSSTRD9	"X'D9'" Sysout RCB for stream five
		111. 1..1		NSSTRE9	"X'E9'" Sysout RCB for stream six
		1111 1..1		NSSTRF9	"X'F9'" Sysout RCB for stream seven
	Valid SRCB values				
		.1..		NSSTTCAN	"X'40'" Request for transmitter cancel
		11..		NSSTSJH	"X'C0'" Job header x'C0'
		111.		NSSTSDSH	"X'E0'" Data set header x'E0'
		1...		NSSTSNOC	"X'80'" Data set - no carriage cntl.
		1..1		NSSTSMAC	"X'90'" Data set - machine c.c
		1.1.		NSSTSASA	"X'A0'" Data set - ASA carr. cntl.
		1.11		NSSTCPDS	"X'B0'" Data set - stream mode c.c
		11.1		NSSTSJT	"X'D0'" Job trailer x'D0'
		....		NSSTSEOF	"X'00'" End of file x'00'
81	(51)	BITSTRING	16	NSSTTTOK	Subtask TCB token
	Space reserved for the security check control block.				
97	(61)	BITSTRING	1	NSSTSEC	Space reserved for SEC
	Reuse security check control block to save remote node passwords used when validating a connection. If secure signon is used, then the passwords are not used and NSSTSEC is cleared before being used.				
97	(61)	BITSTRING	8	NSSTPWD	Password to send to remote node
105	(69)	BITSTRING	8	NSSTXPWD	Password expected from remote node
	ECB list for STIMERM macro				
2092	(82C)	ADDRESS	4	NSSDECBL(2)	ECB list
2100	(834)	SIGNED	4	NSSDSTID	STIMERM ID=id-area
2104	(838)	SIGNED	4	NSSDTECB	STIMERM ECB
	ESTAEX Token (main token is in IATYNSCT)				
2108	(83C)	SIGNED	4	NSSTTKXR	IATNTTXR subtask token
2112	(840)	DBL WORD	8	NSSTWORK(0)	Align on doubleword
	Parameter list for ESTAEX macro SSESTAE ESTAEX MF=L ESTAEX list form				
2112	(840)	SIGNED	4	(0)	
2112	(840)	ADDRESS	1	NSSESTAE	FLAGS FOR ESTAEX
2113	(841)	ADDRESS	1		SECOND FLAG BYTE
2114	(842)	ADDRESS	1		THIRD FLAG BYTE
2115	(843)	ADDRESS	1		VERSION NUMBER

Table 533. Structure NSSTSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2116	(844)	ADDRESS	4		TOKEN VALUE AREA
2120	(848)	ADDRESS	4		PARM. LIST ADDR. NOT SPECIFIED
2124	(84C)	ADDRESS	4		ALET FOR PARM LIST
2128	(850)	ADDRESS	4		EXIT ADDR NOT SPECD
2128	(850)	X'14'	0	NSSESTLN	"*-NSSESTAE" Length of list form

```
        Parameter list for STIMERM macro
```

```
SSDSTMS STIMERM SET,MF=L List form to set timer
        MACDATE = 08/19/88
```

2112	(840)	BITSTRING	24	NSSDSTMS	REMOTE STIMERM SET PARM LIST

```
SSDSTMC STIMERM CANCEL,MF=L List form to cancel timer
        MACDATE = 08/19/88
```

2136	(858)	BITSTRING	16	NSSDSTMC	REMOTE STIMERM TEST/CANCEL PARM LIST

```
        Parameter list for RACROUTE (extract).
```

```
SSTEXTL RACROUTE REQUEST=EXTRACT, X
```

2112	(840)	SIGNED	4	NSSTEXTL(0)	
2112	(840)	X'840'	0	IHB0007A	"*"
2112	(840)	SIGNED	4		RACF OR INSTALL EXIT RETURN CODE
2116	(844)	SIGNED	4		RACF OR INSTALL EXIT REASON CODE
2120	(848)	ADDRESS	2		LENGTH OF LIST IN BYTES
2122	(84A)	ADDRESS	1		SET VER/REL FLAG TO 1.9 OR PREV
2123	(84B)	ADDRESS	1		RESERVED
2124	(84C)	ADDRESS	2		REQUEST BYTE
2126	(84E)	BITSTRING	1		FLAGS
2127	(84F)	ADDRESS	1		MESSAGE SUBPOOL
2128	(850)	ADDRESS	4		
2132	(854)	ADDRESS	4		
2136	(858)	ADDRESS	4		
2140	(85C)	ADDRESS	4		MESSAGE RETURN ADDRESS
2144	(860)	ADDRESS	4		RESVD
2148	(864)	ADDRESS	4		OFFSET TO RACF PARAMETER LIST
2152	(868)	SIGNED	4		SAF RETURN CODE
2156	(86C)	SIGNED	4		SAF REASON CODE
2160	(870)	ADDRESS	2		EXTENSION LENGTH
2162	(872)	ADDRESS	2		RESVD
2164	(874)	ADDRESS	4		RETURN DATA ADDRESS
2168	(878)	ADDRESS	4		FLAT PLIST ADDRESS
2172	(87C)	ADDRESS	4		
2176	(880)	ADDRESS	4		
2180	(884)	ADDRESS	4		PREVIOUS FLAT PLIST ADDRESS
2184	(888)	ADDRESS	4		NEXT FLAT PLIST ADDRESS
2188	(88C)	ADDRESS	4		ORIGINAL PLIST ADDRESS

Table 533. Structure NSSTSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2192	(890)	SIGNED	4		FLAT PLIST LENGTH
2196	(894)	ADDRESS	4		
2200	(898)	ADDRESS	4		
2204	(89C)	ADDRESS	4		
2208	(8A0)	ADDRESS	4		ASYNCHRONOUS ECB ADDRESS
2212	(8A4)	ADDRESS	4		USED IN VM ENVIRONMENT
2216	(8A8)	SIGNED	4	(0)	
2216	(8A8)	SIGNED	4	IHB0007C(0)	
2216	(8A8)	SIGNED	4	ICH0016A(0)	
2216	(8A8)	ADDRESS	2		LENGTH OF LIST IN BYTES
2218	(8AA)	BITSTRING	1		FUNCTION CODE FOR ICHRSV00
2219	(8AB)	ADDRESS	1		REQUEST TYPE
2220	(8AC)	ADDRESS	1		VERSION NUMBER
2221	(8AD)	BITSTRING	1		
2222	(8AE)	ADDRESS	2		OFFSET TO VARIABLE PART OF LIST
2224	(8B0)	ADDRESS	4		
2224	(8B0)	X'8B4'	0	ICH0016B	"*" END OF FIXED PART
2228	(8B4)	ADDRESS	4		
2232	(8B8)	ADDRESS	4		
2236	(8BC)	ADDRESS	4		
2240	(8C0)	ADDRESS	4		
2244	(8C4)	ADDRESS	4		
2248	(8C8)	ADDRESS	4		
2252	(8CC)	ADDRESS	4		
2256	(8D0)	ADDRESS	2		RESERVED
2258	(8D2)	BITSTRING	1		
2259	(8D3)	BITSTRING	1		
2260	(8D4)	SIGNED	2	ICH0016C(0)	END OF PARAMETER LIST
2260	(8D4)	SIGNED	2	ICH0016D(0)	

Parameter list for RACROUTE (encrypt).

SSTENCL RACROUTE REQUEST=EXTRACT, X

2112	(840)	SIGNED	4	NSSTENCL(0)	
2112	(840)	X'840'	0	IHB0025A	"*"
2112	(840)	SIGNED	4		RACF OR INSTALL EXIT RETURN CODE
2116	(844)	SIGNED	4		RACF OR INSTALL EXIT REASON CODE
2120	(848)	ADDRESS	2		LENGTH OF LIST IN BYTES
2122	(84A)	ADDRESS	1		SET VER/REL FLAG TO 1.9 OR PREV
2123	(84B)	ADDRESS	1		RESERVED
2124	(84C)	ADDRESS	2		REQUEST BYTE
2126	(84E)	BITSTRING	1		FLAGS
2127	(84F)	ADDRESS	1		MESSAGE SUBPOOL
2128	(850)	ADDRESS	4		
2132	(854)	ADDRESS	4		

Table 533. Structure NSSTSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2136	(858)	ADDRESS	4		
2140	(85C)	ADDRESS	4		MESSAGE RETURN ADDRESS
2144	(860)	ADDRESS	4		RESVD
2148	(864)	ADDRESS	4		OFFSET TO RACF PARAMETER LIST
2152	(868)	SIGNED	4		SAF RETURN CODE
2156	(86C)	SIGNED	4		SAF REASON CODE
2160	(870)	ADDRESS	2		EXTENSION LENGTH
2162	(872)	ADDRESS	2		RESVD
2164	(874)	ADDRESS	4		RETURN DATA ADDRESS
2168	(878)	ADDRESS	4		FLAT PLIST ADDRESS
2172	(87C)	ADDRESS	4		
2176	(880)	ADDRESS	4		
2180	(884)	ADDRESS	4		PREVIOUS FLAT PLIST ADDRESS
2184	(888)	ADDRESS	4		NEXT FLAT PLIST ADDRESS
2188	(88C)	ADDRESS	4		ORIGINAL PLIST ADDRESS
2192	(890)	SIGNED	4		FLAT PLIST LENGTH
2196	(894)	ADDRESS	4		
2200	(898)	ADDRESS	4		
2204	(89C)	ADDRESS	4		
2208	(8A0)	ADDRESS	4		ASYNCHRONOUS ECB ADDRESS
2212	(8A4)	ADDRESS	4		USED IN VM ENVIRONMENT
2216	(8A8)	SIGNED	4	(0)	
2216	(8A8)	SIGNED	4	IHB0025C(0)	
2216	(8A8)	SIGNED	4	ICH0034A(0)	
2216	(8A8)	ADDRESS	2		LENGTH OF LIST IN BYTES
2218	(8AA)	BITSTRING	1		FUNCTION CODE FOR ICHRSV00
2219	(8AB)	ADDRESS	1		REQUEST TYPE
2220	(8AC)	ADDRESS	1		VERSION NUMBER
2221	(8AD)	BITSTRING	1		
2222	(8AE)	ADDRESS	2		OFFSET TO VARIABLE PART OF LIST
2224	(8B0)	ADDRESS	4		
2224	(8B0)	X'8B4'	0	ICH0034B	"*" END OF FIXED PART
2228	(8B4)	ADDRESS	4		
2232	(8B8)	ADDRESS	4		
2236	(8BC)	SIGNED	2	ICH0034C(0)	END OF PARAMETER LIST
2236	(8BC)	SIGNED	2	ICH0034D(0)	

```
------------------------------------------------------------ 04412SRA
        Parameter list for RACROUTE (STAT), 04412SRA
------------------------------------------------------------ 04412SRA
```

```
SSTSTTL RACROUTE REQUEST=STAT, 04412SRAX
```

2112	(840)	SIGNED	4	NSSTSTTL(0)	
2112	(840)	X'840'	0	IHB0038A	"*"
2112	(840)	SIGNED	4		RACF OR INSTALL EXIT RETURN CODE
2116	(844)	SIGNED	4		RACF OR INSTALL EXIT REASON CODE

Table 533. Structure NSSTSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2120	(848)	ADDRESS	2		LENGTH OF LIST IN BYTES
2122	(84A)	ADDRESS	1		SET VER/REL FLAG TO 1.9 OR PREV
2123	(84B)	ADDRESS	1		RESERVED
2124	(84C)	ADDRESS	2		REQUEST BYTE
2126	(84E)	BITSTRING	1		FLAGS
2127	(84F)	ADDRESS	1		MESSAGE SUBPOOL
2128	(850)	ADDRESS	4		
2132	(854)	ADDRESS	4		
2136	(858)	ADDRESS	4		
2140	(85C)	ADDRESS	4		MESSAGE RETURN ADDRESS
2144	(860)	ADDRESS	4		RESVD
2148	(864)	ADDRESS	4		OFFSET TO RACF PARAMETER LIST
2152	(868)	SIGNED	4		SAF RETURN CODE
2156	(86C)	SIGNED	4		SAF REASON CODE
2160	(870)	ADDRESS	2		EXTENSION LENGTH
2162	(872)	ADDRESS	2		RESVD
2164	(874)	ADDRESS	4		RETURN DATA ADDRESS
2168	(878)	ADDRESS	4		FLAT PLIST ADDRESS
2172	(87C)	ADDRESS	4		
2176	(880)	ADDRESS	4		
2180	(884)	ADDRESS	4		PREVIOUS FLAT PLIST ADDRESS
2184	(888)	ADDRESS	4		NEXT FLAT PLIST ADDRESS
2188	(88C)	ADDRESS	4		ORIGINAL PLIST ADDRESS
2192	(890)	SIGNED	4		FLAT PLIST LENGTH
2196	(894)	ADDRESS	4		
2200	(898)	ADDRESS	4		
2204	(89C)	ADDRESS	4		
2208	(8A0)	ADDRESS	4		ASYNCHRONOUS ECB ADDRESS
2212	(8A4)	ADDRESS	4		USED IN VM ENVIRONMENT
2216	(8A8)	SIGNED	4	(0)	
2216	(8A8)	X'8A8'	0	IHB0038C	"*" SET ADDRESSIBILITY TO RACROUTE
2216	(8A8)	ADDRESS	4		ADDRESS OF CLASS PARAMETER
2220	(8AC)	ADDRESS	4		ADDRESS OF ENTRY PARAMETER
2224	(8B0)	SIGNED	2		PARAMETER LENGTH IN BYTES
2226	(8B2)	SIGNED	2		RESERVED

Definitions for SDUMPX

SSTIDP SDUMPX MF=L, List form of SDUMPX

2112	(840)	SIGNED	4	NSSTIDP(0)	SDUMP PARAMETER LIST
2112	(840)	ADDRESS	1		FLAG BYTE
2113	(841)	ADDRESS	1		FLAG BYTE
2114	(842)	ADDRESS	1		FLAG BYTE
2115	(843)	ADDRESS	1		FLAG BYTE
2116	(844)	ADDRESS	4		ADDRESS OF DCB

Table 533. Structure NSSTSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2120	(848)	ADDRESS	4		ADDRESS OF STORAGE LIST
2124	(84C)	ADDRESS	4		ADDRESS OF USER DATA
2128	(850)	ADDRESS	4		ADDRESS OF ECB/SRB
2132	(854)	ADDRESS	2		CURRENT ASID
2134	(856)	ADDRESS	2		OTHER ASID
2136	(858)	ADDRESS	4		ADDRESS OF ASID LIST
2140	(85C)	ADDRESS	4		ADDRESS OF SUMLIST/SUMLSTA LIST
2144	(860)	ADDRESS	4		RESERVED
2148	(864)	ADDRESS	4		RESERVED
2152	(868)	ADDRESS	1		FLAG BYTE
2153	(869)	ADDRESS	1		CONTROL FLAG BYTE
2154	(86A)	ADDRESS	1		TYPE FLAG BYTE
2155	(86B)	ADDRESS	1		VERSION
2156	(86C)	ADDRESS	1		EXIT FLAG BYTE
2157	(86D)	ADDRESS	1		EXIT FLAG BYTE
2158	(86E)	ADDRESS	1		SDATA OPTIONS
2159	(86F)	ADDRESS	1		RESERVED SDATA OPTIONS
2160	(870)	ADDRESS	4		ADDRESS OF SUBPLST
2164	(874)	ADDRESS	4		ADDRESS OF KEYLIST
2168	(878)	ADDRESS	4		RESERVED
2172	(87C)	ADDRESS	4		ALET OF DCB PARAMETER
2176	(880)	ADDRESS	4		ALET OF STORAGE PARAM
2180	(884)	ADDRESS	4		ALET OF HDR PARAMETER
2184	(888)	ADDRESS	4		ALET OF ASIDLST PARAM
2188	(88C)	ADDRESS	4		ALET OF SUMLIST PARAM
2192	(890)	ADDRESS	4		ALET OF SUBPLST PARAM
2196	(894)	ADDRESS	4		ALET OF KEYLIST PARAM
2200	(898)	ADDRESS	4		ADDRESS OF LISTD
2204	(89C)	ADDRESS	4		No ALET for LISTD/LIST64
2208	(8A0)	ADDRESS	4		No SUMLSTL or SUMLIST64
2212	(8A4)	ADDRESS	4		ALET SUMLSTL or SUMLIST64
2216	(8A8)	ADDRESS	4		No address for PSWREGS
2220	(8AC)	ADDRESS	4		No Alet for PSWREGS
2224	(8B0)	ADDRESS	4		ADDRESS OF SYMREC
2228	(8B4)	ADDRESS	4		ALET OF SYMREC
2232	(8B8)	ADDRESS	4		ADDRESS OF ID
2236	(8BC)	ADDRESS	4		ALET OF ID
2240	(8C0)	ADDRESS	4		ADDRESS FOR STRLIST
2244	(8C4)	ADDRESS	4		ALET OF STRLIST PARAM
2248	(8C8)	ADDRESS	4		ADDRESS FOR INTOKEN
2252	(8CC)	ADDRESS	4		ALET OF INTOKEN PARAM
2256	(8D0)	ADDRESS	4		ADDRESS FOR REMOTE
2260	(8D4)	ADDRESS	4		ALET OF REMOTE PARAM
2264	(8D8)	ADDRESS	4		ADDRESS FOR PROBDESC
2268	(8DC)	ADDRESS	4		ALET OF PROBDESC PARAM

Table 533. Structure NSSTSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2272	(8E0)	ADDRESS	4		ADDRESS FOR JOBLIST
2276	(8E4)	ADDRESS	4		ALET OF JOBLIST PARAM
2280	(8E8)	ADDRESS	4		ADDRESS FOR DSPLIST
2284	(8EC)	ADDRESS	4		ALET OF DSPLIST PARAM
2288	(8F0)	ADDRESS	1		SDUMP Control Flag values
2289	(8F1)	BITSTRING	3		RESERVED
2292	(8F4)	ADDRESS	4		ADDRESS FOR UTOKEN
2292	(8F4)	X'B8'	0	NSSTIDPL	"*-NSSTIDP" Length of SDUMPX MF=L

```
        Parameter list for IATXFIFO (used by socket tasks).
     $S0= TCPNJE HJS7730 040811 PD0RF: z 1.8.0
, IATXFIFO MF=L
```

2112	(840)	SIGNED	4	NSSTFIFO(0)	IATXFIFO List Form
2112	(840)	ADDRESS	4		ELEMADDR pointer
2116	(844)	ADDRESS	4		DQELEM pointer
2120	(848)	ADDRESS	4		HEAD pointer
2124	(84C)	ADDRESS	4		TAIL pointer
2128	(850)	SIGNED	2		ELNEXT offset
2130	(852)	SIGNED	2		ELPREV offset
2132	(854)	ADDRESS	4		ECB pointer
2136	(858)	ADDRESS	4		ASCB pointer
2140	(85C)	SIGNED	4	(13)	Save area for R2-R14

```
------------------------------------------------------------ 07643SVA
        Parameter list for IATXFIFO (used by communication 07643SVA
        task). 07643SVA
------------------------------------------------------------ 07643SVA
     $S0= TCPNJE HJS7730 040811 PD0RF: z 1.8.0
, IATXFIFO MF=L
```

2296	(8F8)	SIGNED	4	NSSTFIFC(0)	IATXFIFO List Form
2296	(8F8)	ADDRESS	4		ELEMADDR pointer
2300	(8FC)	ADDRESS	4		DQELEM pointer
2304	(900)	ADDRESS	4		HEAD pointer
2308	(904)	ADDRESS	4		TAIL pointer
2312	(908)	SIGNED	2		ELNEXT offset
2314	(90A)	SIGNED	2		ELPREV offset
2316	(90C)	ADDRESS	4		ECB pointer
2320	(910)	ADDRESS	4		ASCB pointer
2324	(914)	SIGNED	4	(13)	Save area for R2-R14
2376	(948)	SIGNED	4	NSSTSAVA(18)	Save area
2448	(990)	SIGNED	4	NSSTEXRC	EXTRACT return code
2452	(994)	SIGNED	4	NSSTEXRS	EXTRACT reason code
2456	(998)	SIGNED	4	NSSTENRC	ENCRYPT return code
2460	(99C)	SIGNED	4	NSSTENRS	ENCRYPT reason code
2464	(9A0)	CHARACTER	21	NSSTENTY(0)	Maximum room for entity
2464	(9A0)	CHARACTER	4	NSSTENJE	Fixed prefix ('NJE.')
2468	(9A4)	CHARACTER	8	NSSTEHOM	Entity home node

Table 533. Structure NSSTSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2476	(9AC)	CHARACTER	9	NSSTEVAR	Variable section for the adjacent node (some of NSSTEHOM will also be used if the home node is less than 8 characters)
2485	(9B5)	BITSTRING	0	NSSTENCA(0)	Temporary encryption output area (used for both the home and remote encryption)
2485	(9B5)	ADDRESS	1	NSSTENVL	Length of encryption value
2486	(9B6)	CHARACTER	8	NSSTENCO	Temporary ENCRYPT output
2494	(9BE)	CHARACTER	8	NSSTPENC	Random value read from remote node and encrypted
2502	(9C6)	CHARACTER	8	NSSTEVAL	Copy of home encrypted random string
2510	(9CE)	CHARACTER	8	NSSTEKEY	Encryption key
2518	(9D6)	CHARACTER	8	NSSTOKEY	Original copy of encryption key (NSSTEKEY gets changed by RACROUTE)
Parameter list for WTO. SSTWTO WTO TEXT= - , Template for WTO (non-action)					
2528	(9E0)	SIGNED	4	NSSTWTO(0)	
2528	(9E0)	ADDRESS	2		TEXT LENGTH
2530	(9E2)	BITSTRING	2		MCSFLAGS
2532	(9E4)	ADDRESS	4		MESSAGE TEXT ADDRESS
2536	(9E8)	ADDRESS	1		VERSION LEVEL
2537	(9E9)	BITSTRING	1		MISCELLANEOUS FLAGS
2538	(9EA)	ADDRESS	1		REPLY LENGTH
2539	(9EB)	ADDRESS	1		LENGTH OF WPX
2540	(9EC)	BITSTRING	2		EXTENDED MCS FLAGS
2542	(9EE)	ADDRESS	2		RESERVED
2544	(9F0)	ADDRESS	4		REPLY BUFFER ADDRESS
2548	(9F4)	ADDRESS	4		REPLY ECB ADDRESS
2552	(9F8)	ADDRESS	4		CONNECT ID
2556	(9FC)	BITSTRING	2		DESCRIPTOR CODES
2558	(9FE)	ADDRESS	2		RESERVED
2560	(A00)	BITSTRING	16		
2576	(A10)	BITSTRING	2		MESSAGE TYPE
2578	(A12)	ADDRESS	2		MESSAGE'S PRIORITY
2580	(A14)	CHARACTER	8		JOB ID
2588	(A1C)	CHARACTER	8		JOB NAME
2596	(A24)	CHARACTER	8		RETRIEVAL KEY
2604	(A2C)	ADDRESS	4		TOKEN FOR DOM
2608	(A30)	ADDRESS	4		CONSOLE ID
2612	(A34)	CHARACTER	8		SYSTEM NAME
2620	(A3C)	CHARACTER	8		CONSOLE NAME
2628	(A44)	ADDRESS	4		REPLY CONSOLE NAME/ID ADDR
2632	(A48)	ADDRESS	4		CART ADDRESS
2636	(A4C)	ADDRESS	4		WSPARM ADDRESS
2636	(A4C)	X'70'	0	WTOPLEN	"*-NSSTWTO" Parameter list length
Message text area					

Table 533. Structure NSSTSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2640	(A50)	CHARACTER	122	NSSTWTTX	WTO text (len + 120 chars)
2764	(ACC)	SIGNED	4	NSSTSAVE(18)	Save area for init routine and server main task
2764	(ACC)	X'ACC'	0	NSSTSAV8	"NSSTSAVE,8,C'C'" Reuse 8 bytes of NSSTSAVE 07163SXA to use as work area for 07163SXA IATXPHEX 07163SXA
2836	(B14)	BITSTRING	1	NSSTEXIT	NTTXR sub task level exits
		Recovery foot prints for sub task level exits.			
		1		NSSTINIT	"X'01'" Subtask init
		.... ..1.		NSSTTERM	"X'02'" Subtask term
		11		NSSTRQST	"X'03'" Subtask request
		.... .1..		NSSTMESG	"X'04'" Subtask message
		.... .1.1		NSSTTRAC	"X'05'" Subtask trace
		.... .11.		NSINNCCR	"X'06'" Inbound NCC record
		.... .111		NSINNMRR	"X'07'" Inbound NMR record
		.... 1...		NSINSYIR	"X'08'" Inbound SYSIN record
		.... 1..1		NSINSYOR	"X'09'" Inbnd SYSOUT record
		.... 1.1.		NSOTSYIR	"X'0A'" Outbnd SYSIN record
		.... 1.11		NSOTSYOR	"X'0B'" Outbnd SYOUT record
		.... 11..		NSCONNRQ	"X'0C'" Connect request
2837	(B15)	BITSTRING	3	NSSTRS02	Reserved for IBM
		Temporary address and length fields for storage areas to be released by recovery.			
2840	(B18)	ADDRESS	4	NSSTSAD1	Temporary address field-1
2844	(B1C)	ADDRESS	4	NSSTSAD2	Temporary address field-2
2848	(B20)	ADDRESS	4	NSSTSAD3	Temporary address field-3
2852	(B24)	SIGNED	2	NSSTSLN1	Temporary length field-1
2854	(B26)	SIGNED	2	NSSTSLN2	Temporary length field-2
2856	(B28)	SIGNED	2	NSSTSLN3	Temporary length field-3
2858	(B2A)	SIGNED	2	NSSTSLN4	Temporary length field-4
2860	(B2C)	ADDRESS	4	NSSTSAD4	Temporary address field-4
2864	(B30)	SIGNED	4	NSSTRS09	Reserved for IBM
2868	(B34)	SIGNED	4	NSSTRS10	Reserved for IBM
2872	(B38)	SIGNED	4	NSSTRS11	Reserved for IBM
2876	(B3C)	SIGNED	4	NSSTRS12	Reserved for IBM
2880	(B40)	SIGNED	4	NSSTRS13	Reserved for IBM
2884	(B44)	SIGNED	4	NSSTRS14	Reserved for IBM
2888	(B48)	SIGNED	4	NSSTRS15	Reserved for IBM
		Transmitters and receivers in socket. For each socket, there are a maximum of - up to 8 outbound device streams (8 transmitters) - up to 8 inbound device streams (8 receivers) The following contain definitions for each individual stream.			
2896	(B50)	DBL WORD	8	(0)	Alignment for subsections
2896	(B50)	BITSTRING	2752	NSSTOUST(8)	Definitions for eight outbound streams

Table 533. Structure NSSTSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
5648	(1610)	BITSTRING	1	NSSTINST(8)	Definitions for eight inbound streams
5648	(1610)	X'158'	0	NSSTOSSZ	"NSTRSIZE" Length of transmitter area
5648	(1610)	X'1D0'	0	NSSTISSZ	"NSRVSIZE" Length of receiver area
9360	(2490)	DBL WORD	8	NSSTEND(0)	End of NSST table
9360	(2490)	X'2490'	0	NSSTSIZE	"NSSTEND-NSSTSTRT" Size of NSST table

Table 534. Structure NSSTTRAN

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NSSTTRAN	Transmitter mapping DSECT
0	(0)	DBL WORD	8	NSTRSTRT(0)	Start of transmitter area
0	(0)	BITSTRING	1	NSTRRCB	Job transmitter RCB
1	(1)	BITSTRING	1	NSTRPLB	Prefix length balance while processing split network job control record
2	(2)	BITSTRING	2	NSTRRSV1	Reserved for IBM
4	(4)	ADDRESS	4	NSTRSSOB	SSOB address
8	(8)	ADDRESS	4	NSTRSSS2	SSS2 address
12	(C)	ADDRESS	4	NSTRBLK	Block spool. parm list addrs.
16	(10)	ADDRESS	4	NSTRUBUF	User data buffer address
20	(14)	ADDRESS	4	NSTRCURD	Current record address
24	(18)	ADDRESS	4	NSTRRECA	Record address to transmit
28	(1C)	BITSTRING	6	NSTRSPAD	Spool address of dataset
34	(22)	SIGNED	2	NSTRRECL	Record length to transmit
36	(24)	SIGNED	2	NSTRSPRL	Spool record length
38	(26)	SIGNED	2	NSTROLRL	Original LRECL
40	(28)	SIGNED	2	NSTRRMLN	Room left in current buffer
42	(2A)	BITSTRING	1	NSTRCCFL	Carriage control of the current record
		Definition for carriage control flag. This definition is a copy of the carriage control byte (DATCC) in IATYDAT.			
		1...		NSTRCPDS	"X'80'" Composed page data stream
		.1..		NSTRMAC	"X'40'" Machine carriage control
		..1.		NSTRASA	"X'20'" ASA carriage control
		...1		NSTROPCD	"X'10'" OPTCD = J
		.... 1...		NSTRSPLT	"X'08'" Split record indicator
		.... .1..		NSTRCON	"X'04'" Continuation indicator
		.... ..1.		NSTRSPAN	"X'02'" Spanned data indicator
		1		NSTRDATX	"X'01'" DATCC extension indicator
43	(2B)	BITSTRING	1	NSTRFLG1	Job transmitter flag 1
		Definition for job/sysout transmitter flag 1			
		1...		NSTRJOB	"X'80'" Job transmitter
		.1..		NSTRUSE	"X'40'" Transmitter in use
		..1.		NSTREROR	"X'20'" Error during xmit process

Table 534. Structure NSSTTRAN (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		...1		NSTRPOST	"X'10'" TSCT transmitter ECB posted 06767SVC
		.... 1...		NSTRACQ	"X'08'" ACQ accessed
		.... .1..		NSTRRCAN	"X'04'" Receiver cancel the job
		.... ..1.		NSTRJCAN	"X'02'" JES3 cancelled the job 07032SVC
		1		NSTRJDEL	"X'01'" Job delete request sent to 07032SVA JES3 07032SVA
44	(2C)	BITSTRING	1	NSTRFLG2	Job transmitter flag 2

```
Definition for job/sysout transmitter flag 2
```

		1...		NSTRREAD	"X'80'" Ready to read records
		.1..		NSTREOF	"X'40'" No more records in dataset
		..1.		NSTREOB	"X'20'" No more records in buffer
		...1		NSTREOJ	"X'10'" No more datasets in job
		.... 1...		NSTSPLIT	"X'08'" Split record under process
		.... .1..		NSTNJCDS	"X'04'" Network job control dataset (JH/DSH/JT) under process
		.... ..1.		NSTRNODS	"X'02'" No dataset found for job 07392SXC
		1		NSTRWCMP	"X'01'" Waiting for request compl.
45	(2D)	BITSTRING	1	NSTRFLG3	Job transmitter flag 3 06685SVC

```
------------------------------------------------------------ 06685SVA
        Definition for job/sysout transmitter flag 3 06685SVA
------------------------------------------------------------ 06685SVA
```

		1...		NSTRSJH	"X'80'" Job header was sent 16060T8C
		.1..		NSTRSDSH	"X'40'" Send dataset header 06685SVA
		..1.		NSTRSDS	"X'20'" Send sysin/sysout dataset 06685SVA
		...1		NSTRSJT	"X'10'" Send job trailer 06685SVA
		.... 1...		NSTRSAPI	"X'08'" Issued SAPI request 07083SVC
		.... .1..		NSTNJ304	"X'04'" Reserved for IBM 06685SVA
		.... ..1.		NSTRF302	"X'02'" Reserved for IBM 06685SVA
		1		NSTRF301	"X'01'" Reserved for IBM 06685SVA
46	(2E)	SIGNED	2	NSTRNJED(0)	NJE transaction data

```
        NJE transaction request for jobs/sysout
                                                            16060T8A
        The NJETDATA structure must be kept in sync with 16060T8A
        the fields beginning at NSTRNJED. A single MVCL 16060T8A
        in IATNTTCT sets the following: 16060T8A
                                                            16060T8A
          NJETLEN -> NSTRNJTL 16060T8A
          NJETPRTY -> NSTRPRTY 16060T8A
          NJETJBNO -> NSTRJBNO 16060T8A
          NJETJBNM -> NSTRJBNM 16060T8A
          NJETJOBI -> NSTRJOBI 16060T8A
          NJETGRID -> NSTRGRID 16060T8A
          NJETREQT -> NSTRREQT 16060T8A
          NJETNODE -> NSTRNODE 16060T8A
                                                            16060T8A
```

46	(2E)	BITSTRING	2	NSTRNJTL	Transaction length
48	(30)	BITSTRING	2	NSTRPRTY	Transaction priority
50	(32)	BITSTRING	4	NSTRJBNO	Binary job number

Table 534. Structure NSSTTRAN (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
54	(36)	CHARACTER	8	NSTRJBNM	Job name
62	(3E)	CHARACTER	8	NSTRJOBI	Job identifier
70	(46)	CHARACTER	8	NSTRGRID	Group identifier
78	(4E)	CHARACTER	3	NSTRREQT	Transaction request type
81	(51)	CHARACTER	8	NSTRNODE	Destination node name
81	(51)	X'2B'	0	NSTRNJEL	"*-NSTRNJED" Size of NJE transaction

```
---------------------------------------------------------------- 16060T8C
        End of fields that must be kept in sync with 16060T8C
        NJETDATA. 16060T8C
---------------------------------------------------------------- 16060T8A
```

89	(59)	BITSTRING	1	NSTRBPRI	1byte binary job priority 16060T8A
92	(5C)	SIGNED	4	NSTRLCNT	Count lines sent 16060T8A
96	(60)	CHARACTER	8	NSTROWNN	Job owning user id 16060T8A
104	(68)	SIGNED	4	NSTRWRK4(4)	Work area for TIME macro
120	(78)	DBL WORD	8	NSTRCHAR	Stream character count
128	(80)	CHARACTER	8	NSTRORGN	Origin node
136	(88)	BITSTRING	24	NSTRRSV2	Reserved for IBM

```
        Embedded SMF 57 record
, IATYNSM , SMF 57 record
             SMF RECORD TYPE 57
        CHANGE ACTIVITY
       $T8=JES3SDSF HJS7780 101003 RD0JU: z 1.13.0
```

160	(A0)	SIGNED	4	SMFNJRCD(0)	
160	(A0)	CHARACTER	2	SMFNJLEN	LENGTH OF RECORD
162	(A2)	CHARACTER	2	SMFNJDES	SEGMENT DESCRIPTOR
164	(A4)	CHARACTER	1	SMFNJFLG	HEADER FLAG BYTE
165	(A5)	CHARACTER	1	SMFNJRTY	RECORD TYPE
165	(A5)	X'39'	0	SMFNJRNM	"57" JES3 NJE SMF RECORD NUMBER
166	(A6)	CHARACTER	4	SMFNJTME	TOD FROM TIME MACRO (BINARY)
170	(AA)		4	SMFNJDTE	DATE FROM TIME MACRO (DECIMAL)
174	(AE)	CHARACTER	4	SMFSYSID	SYSTEM ID
178	(B2)	SIGNED	2	SMFSUBID	SUBSYSTEM ID 0005 FOR JES3
180	(B4)	SIGNED	2		RESERVED
182	(B6)	BITSTRING	2	SMFNJLRR	LENGTH OF FOLLOWING REC.
184	(B8)	CHARACTER	4	SMFNJETM	TOD FROM TIME MACRO (BINARY)
188	(BC)		4	SMFNJEDT	DATE FROM TIME MACRO (DECIMAL)
192	(C0)	CHARACTER	2	SMFNJIND	JOB TYPE INDICATOR

```
        DC CL2'JB' DATA WAS A JOB STREAM
        DC CL2'OP' DATA WAS SYSOUT DATA
```

194	(C2)	CHARACTER	8	SMFNJNAM	JOB NAME
202	(CA)	CHARACTER	4	SMFNJNUM	IF JOB NUM > 9999 THEN CONTENTS OF SMFNJNUM WILL CONTAIN '0000'
206	(CE)	CHARACTER	4	SMFNJONM	Original job number
210	(D2)	CHARACTER	20	SMFNJPGM	PROGRAMMER NAME
230	(E6)	CHARACTER	8	SMFNJUSR	USER ID
238	(EE)	CHARACTER	8	SMFNJACT	NETWORK ACCOUNT NUMBER

Table 534. Structure NSSTTRAN (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
246	(F6)	CHARACTER	8	SMFNJDPT	DEPARTMENT NUMBER
254	(FE)	CHARACTER	8	SMFNJBLD	BUILDING NUMBER
262	(106)	CHARACTER	8	SMFNJLOC	LOCATION
270	(10E)	CHARACTER	8	SMFNJORG	JOB ORIGIN
278	(116)	CHARACTER	8	SMFNJRMT	SECONDARY JOB ORIGIN
286	(11E)	CHARACTER	8	SMFNJXEQ	EXECUTION NODE
294	(126)	CHARACTER	8	SMFNJEXU	EXECUTION USERID
302	(12E)	CHARACTER	8	SMFNJDST	DESTINATION NODE
310	(136)	CHARACTER	8	SMFNJPTH	TRANSMISSION PATH
318	(13E)	CHARACTER	4	SMFNJRCT	RECORD COUNT
322	(142)	CHARACTER	4	SMFNJCNT	COMPRESSED BYTE COUNT
326	(146)	CHARACTER	4	SMFNJTRN	TRANSMISSION BUFFER COUNT
330	(14A)	CHARACTER	8	SMFNJJID	JOB ID
330	(14A)	X'152'	0	SMFNJEND	"*"
338	(152)	BITSTRING	1	SMFNJSIZ(0)	
344	(158)	DBL WORD	8	NSTREND(0)	End of transmitter area
344	(158)	X'158'	0	NSTRSIZE	"*-NSSTTRAN" Length of transmitter area

Table 535. Structure NSSTRECV

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NSSTRECV	Receiver mapping DSECT
0	(0)	SIGNED	4	NSRSTRT(0)	
0	(0)	BITSTRING	1	NSRFLG1	Job receiver flag 1
		Definition for job/sysout receiver flag 1			
		1...		NSRUSE	"X'80'" Receiver in use
		.1..		NSRJOB	"X'40'" Job receiver
		..1.		NSRDSETO	"X'20'" Dataset allocated & opened
		...1		NSRERROR	"X'10'" Error in receiver job
		.... 1...		NSRSVERR	"X'08'" Severe error in receiver
		.... .1..		NSRLLOCK	"X'04'" Local lock held
		.... ..1.		NSRFL102	"X'02'" Reserved for IBM
		1		NSRFL101	"X'01'" Reserved for IBM
1	(1)	BITSTRING	1	NSRFLG2	Job receiver flag 2
		Definition for job/sysout receiver flag 2			
		1...		NSRJHRCV	"X'80'" Job header received
		.1..		NSRDSRCV	"X'40'" Actual dataset received
		..1.		NSRJTRCV	"X'20'" Job trailer received
		...1		NSRFL210	"X'10'" Reserved for IBM
		.... 1...		NSRFL208	"X'08'" Reserved for IBM
		.... .1..		NSRFL204	"X'04'" Reserved for IBM
		.... ..1.		NSRFL202	"X'02'" Reserved for IBM
		1		NSRFL201	"X'01'" Reserved for IBM

Table 535. Structure NSSTRECV (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2	(2)	BITSTRING	1	NSRFLG3	Job receiver flag 3
		Definition for job receiver flag 3			
		1...		NSRRETRY	"X'80'" Retry to SSISERV the MJIB
		.1..		NSRMJIBS	"X'40'" MJIB processing suspended
		..1.		NSRMJIBI	"X'20'" Suspended MJIB processing has been interrupted
		...1		NSRFL310	"X'10'" Reserved for IBM
		.... 1...		NSRFL308	"X'08'" Reserved for IBM
		.... .1..		NSRFL304	"X'04'" Reserved for IBM
		.... ..1.		NSRFL302	"X'02'" Reserved for IBM
		1		NSRFL301	"X'01'" Reserved for IBM
3	(3)	BITSTRING	1	NSROFLG1	Sysout specific flag 1
		Definition for NSROFLG1.			
		1...		NSRODSHR	"X'80'" Data set header received
		.1..		NSROCDSH	"X'40'" Consecutive DSH Receive
		..1.		NSRODSHI	"X'20'" DSH already inspected
		...1		NSROSTFP	"X'10'" Store and forward dataset
		.... 1...		NSROLOCP	"X'08'" Local dataset
		.... .1..		NSRODSHT	"X'04'" DSH security token found
		.... ..1.		NSROF102	"X'02'" Reserved for IBM
		1		NSROF101	"X'01'" Reserved for IBM
4	(4)	BITSTRING	1	NSROFLG2	Sysout specific flag 2
		Definition for NSROFLG2.			
		1...		NSROTUID	"X'80'" Remote TSO userid present
		.1..		NSROF240	"X'40'" Reserved for IBM
		..1.		NSROF220	"X'20'" Reserved for IBM
		...1		NSROF210	"X'10'" Reserved for IBM
		.... 1...		NSROF208	"X'08'" Reserved for IBM
		.... .1..		NSROF204	"X'04'" Reserved for IBM
		.... ..1.		NSROF202	"X'02'" Reserved for IBM
		1		NSROF201	"X'01'" Reserved for IBM
		1.11 1111		NSRBZERO	"X'BF'" Blank/zero test value
5	(5)	BITSTRING	1	NSRRCB	Record control byte
6	(6)	BITSTRING	1	NSRSRCB	Sub-record control byte
7	(7)	BITSTRING	1	NSROCCTL	Carriage control save area
8	(8)	SIGNED	4	NSRJNUM	Binary job number
12	(C)	SIGNED	2	NSRDLEN	Input buffer data length
14	(E)	SIGNED	2	NSRBDLN	Spool buffer data length
16	(10)	SIGNED	4	NSRDSCNT	Dataset count
20	(14)	SIGNED	2	NSRNJHLN	NJH record length
22	(16)	SIGNED	2	NSRNJTLN	NJT record length
24	(18)	SIGNED	2	NSRDSHL	DSH record length
26	(1A)	SIGNED	2	NSROINDX	Data file index

Table 535. Structure NSSTRECV (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
28	(1C)	SIGNED	2	NSRODSLN	Record length from DSH
30	(1E)	SIGNED	2	NSRJDSCT	JDS entry count
32	(20)	ADDRESS	4	NSRACB	ACB pointer
36	(24)	ADDRESS	4	NSRRPL	RPL pointer
40	(28)	ADDRESS	4	NSRDARP	Dynamic allocation request block pointer
44	(2C)	ADDRESS	4	NSROCPLP	OPEN/CLOSE parm list ptr.
48	(30)	ADDRESS	4	NSRDATA	Input buffer data pointer
52	(34)	ADDRESS	4	NSRBDAD	Spool buffer data pointer
56	(38)	ADDRESS	4	NSRNJHAD	NJH record address
60	(3C)	ADDRESS	4	NSRNJTAD	NJT record address
64	(40)	ADDRESS	4	NSRDSHAD	DSH record address
68	(44)	ADDRESS	4	NSRNFFAD	NFF record address
72	(48)	ADDRESS	4	NSRSDM	SDM address
76	(4C)	ADDRESS	4	NSRSBUFF	Intermediate spl buff addrs
76	(4C)	X'100'	0	NSRSBUFL	"256" Intermediate spl buff len
		.111 1111		NSRFSEQ	"X'7F'" First sequence indicator (x'80') minus one
		1...		NSRSEQ	"X'80'" Segment sequence indicator
80	(50)	ADDRESS	4	NSRSAVE	SDM save area address
80	(50)	X'C0'	0	SDMSIZE	"SDMMXSIZ+72" SDM parmlist + save area
84	(54)	ADDRESS	4	NSRDFRST	First dataset address
88	(58)	ADDRESS	4	NSRDCURR	Current dataset address
92	(5C)	ADDRESS	4	NSRNFFF	First NFF element address
96	(60)	ADDRESS	4	NSRNFFC	Current NFF element address
100	(64)	ADDRESS	4	NSRDSHF	First DSH element address
104	(68)	ADDRESS	4	NSRDSHC	Current DSH element address
108	(6C)	ADDRESS	4	NSRDSS	Work DSS address
112	(70)	ADDRESS	4	NSRDEB	Work DEB address
116	(74)	ADDRESS	4	NSRRAB	RAB address
120	(78)	ADDRESS	4	NSRMJIAD	MJIB address
124	(7C)	SIGNED	4	NSRMJISZ	MJIB size
128	(80)	CHARACTER	8	NSRTUSID	Remote TSO userid
136	(88)	CHARACTER	8	NSRDDNAM	Unique ddname (from TU)
144	(90)	BITSTRING	1	NSRPRTIC	Priority save (NJTGIOPR)
145	(91)	BITSTRING	1	NSRPRTID	Priority save (NJTGAOPR)
146	(92)	BITSTRING	6	NSRFSPL	First spool address
152	(98)	BITSTRING	6	NSRLSPL	Last spool address
158	(9E)	CHARACTER	8	NSRODDNM	DDNAME used to allocate | | sysout datasets | ----------> NSROINDX in printable hex ----------> Characters "DS"
158	(9E)	X'A0'	0	NSRODDNU	"NSRODDNM+2,6" Number portion of DDNAME
166	(A6)	BITSTRING	82	NSROTKNS	Security token save area
248	(F8)	SIGNED	4	NSRBYTES	Data set byte count
252	(FC)	SIGNED	4	NSRLNCNT	Count of lines received 16060T8A

Table 535. Structure NSSTRECV (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
256	(100)	CHARACTER	1	NSRCLAS	S/O Class from last DSH
257	(101)	BITSTRING	1	NSRRSV1(3)	Reserved for IBM
260	(104)	SIGNED	4	NSRSCTT	SCT table access token
264	(108)	SIGNED	4	NSRRSV3	Reserved for IBM
The following fields are used for asynchronous MJIB processing.					
268	(10C)	SIGNED	4	NSRRSAVE(16)	Register save area
332	(14C)	ADDRESS	4	NSRSTTCB	Subtask TCB address
336	(150)	SIGNED	4	NSRMECB	MJIB reply ECB
340	(154)	SIGNED	4	NSRSTECB	Subtask completion ECB
344	(158)	ADDRESS	4	NSRTECBA	Address of TSCTIN_ECB
NSRAP ATTACHX SF=L ATTACHX control parms MACDATE 11/11/91					
348	(15C)	SIGNED	4	NSRAP(0)	
348	(15C)	ADDRESS	4		DE OR EPLOC ADDRESS
352	(160)	ADDRESS	4		DCB ADDRESS
356	(164)	ADDRESS	4		NEW FORMAT + ECB ADDR
360	(168)	ADDRESS	4		GSPL OR GSPV
364	(16C)	ADDRESS	4		SHSPV OR SHSPL
368	(170)	ADDRESS	4		EXIT ROUTINE ADDRESS
372	(174)	ADDRESS	2		DPMOD VALUE
374	(176)	ADDRESS	1		LPMOD VALUE
375	(177)	ADDRESS	1		STATUS BYTE
376	(178)	ADDRESS	4	(2)	EP NAME SPACE
384	(180)	ADDRESS	4		ADDRESS OF JSCB
388	(184)	ADDRESS	4		(E)STAI PARM LIST
392	(188)	ADDRESS	4		EXIT ADDRESS
396	(18C)	ADDRESS	4		TASKLIB
400	(190)	ADDRESS	1		FLAG BYTE
401	(191)	ADDRESS	1		TASK ID
402	(192)	ADDRESS	2		PARM LIST LENGTH
404	(194)	ADDRESS	4		SUBPOOL LIST ADDRESS/VALUE
408	(198)	ADDRESS	1		SET FLAGS
409	(199)	ADDRESS	1		SET UP FORMAT NUMBER
410	(19A)	ADDRESS	1		SET FLAGS
411	(19B)	ADDRESS	1		RESERVED BYTE
412	(19C)	ADDRESS	4		EPLOC/DE/EP ALET
416	(1A0)	ADDRESS	4		DCB ALET
420	(1A4)	ADDRESS	4		ECB ALET
424	(1A8)	ADDRESS	4		GSPL ALET
428	(1AC)	ADDRESS	4		SHSPL ALET
432	(1B0)	ADDRESS	4		JSCB ALET
436	(1B4)	ADDRESS	4		(E)STAI PARAMETER ALET
440	(1B8)	ADDRESS	4		TASKLIB ALET

Table 535. Structure NSSTRECV (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
444	(1BC)	ADDRESS	4		NSHSPL ALET
444	(1BC)	X'15C'	0	NSRACP	"NSRAP,*-NSRAP" ATTACHX control parms with length attribute
448	(1C0)	SIGNED	4	NSRAUP(3)	ATTACHX user parms
460	(1CC)	SIGNED	4	NSRRSV	Reserved for IBM
464	(1D0)	SIGNED	4	NSREND(0)	
464	(1D0)	X'1D0'	0	NSRVSIZE	"*-NSSTRECV" Length of receiver area

Table 536. Structure NSRDDQ

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NSRDDQ	
0	(0)	CHARACTER	4	NSRDDID	Eye catcher
4	(4)	BITSTRING	1	NSRDDFLG	DDQ flag byte
		Definition for NSRDDFLG.			
		1...		NSRDDALC	"X'80'" Dataset already deallocated
		.1..		NSRDFL40	"X'40'" Reserved for IBM
		..1.		NSRDFL20	"X'20'" Reserved for IBM
		...1		NSRDFL10	"X'10'" Reserved for IBM
		.... 1...		NSRDFL08	"X'08'" Reserved for IBM
		.... .1..		NSRDFL04	"X'04'" Reserved for IBM
		.... ..1.		NSRDFL02	"X'02'" Reserved for IBM
		1		NSRDFL01	"X'01'" Reserved for IBM
5	(5)	BITSTRING	3	NSRDDRSV	Reserved for IBM
8	(8)	ADDRESS	4	NSRDDNXT	Next dataset definition element address
12	(C)	CHARACTER	8	NSRDDNM	Dataset name
20	(14)	ADDRESS	4	NSRDDSS	DSS address
24	(18)	ADDRESS	4	NSRDDEB	DEB address
24	(18)	X'1C'	0	NSRDDSZ	"*-NSRDDQ" Size of dataset definition element.

Table 537. Structure NSRNFF

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NSRNFF	
0	(0)	CHARACTER	4	NSRNFFID	Eye catcher
4	(4)	ADDRESS	4	NSRNFFNX	Next NFF record element address
4	(4)	X'8'	0	NSRNFFPF	"*-NSRNFF" NFF prefix length
8	(8)	SIGNED	2	NSRNFFDT(0)	NFF data

Table 538. Structure NSRDSH

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NSRDSH	
0	(0)	CHARACTER	4	NSRDSHID	Eye catcher
4	(4)	ADDRESS	4	NSRDSHNX	Next DSH record element address

Table 538. Structure NSRDSH (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
8	(8)	SIGNED	2	NSRDSHLN	DSH record length
8	(8)	X'A'	0	NSRDSHPF	"*-NSRDSH" DSH prefix length
10	(A)	SIGNED	2	NSRDSHDT(0)	DSH data

Table 539. Structure NSRDATU

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NSRDATU	
0	(0)	SIGNED	4	NSRATUPL(0)	
	Dynamic Allocation text unit pointers				
0	(0)	ADDRESS	4	NSRATDDP	DDNAME allocation text ptr
4	(4)	ADDRESS	4	NSRATSOP	Sysout class key pointer
8	(8)	ADDRESS	4	NSRATPGP	Sysout program name pointer
	Dynamic Allocation text units				
12	(C)	SIGNED	2	NSRATDDN(0)	
12	(C)	ADDRESS	2		DDNAME text unit key
14	(E)	ADDRESS	2		Parameter count
16	(10)	ADDRESS	2		DDNAME parameter length
18	(12)	CHARACTER	8	NSRADDN	Unique DDNAME
26	(1A)	SIGNED	2	NSRATSOU(0)	
26	(1A)	ADDRESS	2		Sysout class TU key
28	(1C)	ADDRESS	2		Parameter count
30	(1E)	SIGNED	2	NSRATPGN(0)	
30	(1E)	ADDRESS	2		Sysout pgm name TU key
32	(20)	ADDRESS	2		Parameter count
34	(22)	ADDRESS	2		Pgm name parameter length
36	(24)	CHARACTER	6	NSRAPGN	Program name
42	(2A)	BITSTRING	4	NSRARSV2	Reserved for IBM
42	(2A)	X'2E'	0	NSRATUSZ	"*-NSRATUPL" Size of text unit parameter list
42	(2A)	X'14'	0	NSRRBLEN	"(S99RBEND-S99RB)" Length of DYNALLOC RB
42	(2A)	X'42'	0	NSRDPRML	"NSRRBLEN+NSRATUSZ" DYNALLOC total parm length
	OPEN/CLOSE parameter list				
48	(30)	SIGNED	4	OPNCLSPL(0)	ALIGN LIST TO WORD
48	(30)	ADDRESS	1		Option byte
49	(31)	ADDRESS	3		DCB or ACB address
49	(31)	X'4'	0	OPCLPLSZ	"*-OPNCLSPL"

Table 540. Cross Reference for IATYNSST

Name	Offset	Hex Tag
ICH0016A	8A8	
ICH0016B	8B0	8B4

Table 540. Cross Reference for IATYNSST (continued)

Name	Offset	Hex Tag
ICH0016C	8D4	
ICH0016D	8D4	
ICH0034A	8A8	
ICH0034B	8B0	8B4
ICH0034C	8BC	
ICH0034D	8BC	
IHB0007A	840	840
IHB0007C	8A8	
IHB0025A	840	840
IHB0025C	8A8	
IHB0038A	840	840
IHB0038C	8A8	8A8
NSCONNRQ	B14	C
NSINNCCR	B14	6
NSINNMRR	B14	7
NSINSYIR	B14	8
NSINSYOR	B14	9
NSOTSYIR	B14	A
NSOTSYOR	B14	B
NSRACB	20	
NSRACP	1BC	15C
NSRADDN	12	E3F3E7E7
NSRAP	15C	
NSRAPGN	24	D5D1C5E3
NSRARSV2	2A	0
NSRATDDN	C	
NSRATDDP	0	
NSRATPGN	1E	
NSRATPGP	8	
NSRATSOP	4	
NSRATSOU	1A	
NSRATUPL	0	
NSRATUSZ	2A	2E
NSRAUP	1C0	0
NSRBDAD	34	
NSRBDLN	E	0
NSRBYTES	F8	0
NSRBZERO	4	BF
NSRCLAS	100	
NSRDARP	28	
NSRDATA	30	
NSRDATU	0	
NSRDCURR	58	
NSRDDALC	4	80
NSRDDEB	18	
NSRDDFLG	4	0

Table 540. Cross Reference for IATYNSST (continued)

Name	Offset	Hex Tag
NSRDDID	0	C4C4D840
NSRDDNAM	88	
NSRDDNM	C	40404040
NSRDDNXT	8	
NSRDDQ	0	
NSRDDRSV	5	0
NSRDDSS	14	
NSRDDSZ	18	1C
NSRDEB	70	
NSRDFL01	4	1
NSRDFL02	4	2
NSRDFL04	4	4
NSRDFL08	4	8
NSRDFL10	4	10
NSRDFL20	4	20
NSRDFL40	4	40
NSRDFRST	54	
NSRDLEN	C	0
NSRDPRML	2A	42
NSRDSCNT	10	0
NSRDSETO	0	20
NSRDSH	0	
NSRDSHAD	40	
NSRDSHC	68	
NSRDSHDT	A	
NSRDSHF	64	
NSRDSHID	0	C4E2C840
NSRDSHL	18	0
NSRDSHLN	8	0
NSRDSHNX	4	
NSRDSHPF	8	A
NSRDSRCV	1	40
NSRDSS	6C	
NSREND	1D0	
NSRERROR	0	10
NSRFLG1	0	0
NSRFLG2	1	0
NSRFLG3	2	0
NSRFL101	0	1
NSRFL102	0	2
NSRFL201	1	1
NSRFL202	1	2
NSRFL204	1	4
NSRFL208	1	8
NSRFL210	1	10
NSRFL301	2	1

Table 540. Cross Reference for IATYNSST (continued)

Name	Offset	Hex Tag
NSRFL302	2	2
NSRFL304	2	4
NSRFL308	2	8
NSRFL310	2	10
NSRFSEQ	4C	7F
NSRFSPL	92	0
NSRJDSCT	1E	0
NSRJHRCV	1	80
NSRJNUM	8	0
NSRJOB	0	40
NSRJTRCV	1	20
NSRLLOCK	0	4
NSRLNCNT	FC	0
NSRLSPL	98	0
NSRMECB	150	0
NSRMJIAD	78	
NSRMJIBI	2	20
NSRMJIBS	2	40
NSRMJISZ	7C	0
NSRNFF	0	
NSRNFFAD	44	
NSRNFFC	60	
NSRNFFDT	8	
NSRNFFF	5C	
NSRNFFID	0	D5C6C640
NSRNFFNX	4	
NSRNFFPF	4	8
NSRNJHAD	38	
NSRNJHLN	14	0
NSRNJTAD	3C	
NSRNJTLN	16	0
NSROCCTL	7	
NSROCDSH	3	40
NSROCPLP	2C	
NSRODDNM	9E	C4E2E7E7
NSRODDNU	9E	A0
NSRODSHI	3	20
NSRODSHR	3	80
NSRODSHT	3	4
NSRODSLN	1C	0
NSROFLG1	3	0
NSROFLG2	4	0
NSROF101	3	1
NSROF102	3	2
NSROF201	4	1
NSROF202	4	2

Table 540. Cross Reference for IATYNSST (continued)

Name	Offset	Hex Tag
NSROF204	4	4
NSROF208	4	8
NSROF210	4	10
NSROF220	4	20
NSROF240	4	40
NSROINDX	1A	0
NSROLOCP	3	8
NSROSTFP	3	10
NSROTKNS	A6	0
NSROTUID	4	80
NSRPRTIC	90	0
NSRPRTID	91	0
NSRRAB	74	
NSRRBLEN	2A	14
NSRRCB	5	
NSRRETRY	2	80
NSRRPL	24	
NSRRSAVE	10C	0
NSRRSV	1CC	0
NSRRSV1	101	0
NSRRSV3	108	0
NSRSAVE	50	
NSRSBUFF	4C	
NSRSBUFL	4C	100
NSRSCTT	104	0
NSRSDM	48	
NSRSEQ	4C	80
NSRSRCB	6	
NSRSTECB	154	0
NSRSTRT	0	
NSRSTTCB	14C	
NSRSVERR	0	8
NSRTECBA	158	
NSRTUSID	80	
NSRUSE	0	80
NSRVSIZE	1D0	1D0
NSSDECBL	82C	
NSSDSTID	834	
NSSDSTMC	858	0
NSSDSTMS	840	0
NSSDTECB	838	
NSSESTAE	840	
NSSESTLN	850	14
NSSTABND	6	20
NSSTBFSZ	38	
NSSTCPDS	50	B0

Table 540. Cross Reference for IATYNSST (continued)

Name	Offset	Hex Tag
NSSTCVER	4	1
NSSTDDNM	48	E3F3E7E7
NSSTDDNU	48	4A
NSSTDECB	40	
NSSTEHOM	9A4	
NSSTEKEY	9CE	
NSSTENCA	9B5	
NSSTENCL	840	
NSSTENCO	9B6	
NSSTEND	2490	
NSSTENJE	9A0	
NSSTENRC	998	
NSSTENRS	99C	
NSSTENTY	9A0	
NSSTENVL	9B5	
NSSTEVAL	9C6	
NSSTEVAR	9AC	
NSSTEXIT	B14	
NSSTEXRC	990	
NSSTEXRS	994	
NSSTEXTL	840	
NSSTFEAT	1E	
NSSTFIFC	8F8	
NSSTFIFO	840	
NSSTFLG1	5	
NSSTFLG2	6	
NSSTF201	6	1
NSSTF202	6	2
NSSTID	0	D5E2E2E3
NSSTIDP	840	
NSSTIDPL	8F4	B8
NSSTINIT	B14	1
NSSTINST	1610	
NSSTISSZ	1610	1D0
NSSTJRCV	1C	
NSSTJTRN	18	
NSSTJTUC	19	
NSSTMESG	B14	4
NSSTNAME	8	
NSSTNEXT	30	
NSSTNJEA	24	
NSSTNODE	10	
NSSTNOPS	6	4
NSSTNSCT	2C	
NSSTOKEY	9D6	
NSSTORCV	1D	

Table 540. Cross Reference for IATYNSST (continued)

Name	Offset	Hex Tag
NSSTOSSZ	1610	158
NSSTOTRN	1A	
NSSTOTUC	1B	
NSSTOUST	B50	
NSSTPENC	9BE	
NSSTPINT	50	A0
NSSTPREV	34	
NSSTPWD	61	
NSSTQUED	6	40
NSSTRA8	50	A8
NSSTRA9	50	A9
NSSTRB8	50	B8
NSSTRB9	50	B9
NSSTRCAN	50	B0
NSSTRCMP	50	C0
NSSTRC8	50	C8
NSSTRC9	50	C9
NSSTRD8	50	D8
NSSTRD9	50	D9
NSSTRECV	0	
NSSTREJT	6	10
NSSTRE8	50	E8
NSSTRE9	50	E9
NSSTRF8	50	F8
NSSTRF9	50	F9
NSSTRINT	50	90
NSSTRLSE	6	8
NSSTRQST	B14	3
NSSTRS01	7	
NSSTRS02	B15	
NSSTRS09	B30	
NSSTRS10	B34	
NSSTRS11	B38	
NSSTRS12	B3C	
NSSTRS13	B40	
NSSTRS14	B44	
NSSTRS15	B48	
NSSTRS16	3A	
NSSTR98	50	98
NSSTR99	50	99
NSSTSAD1	B18	
NSSTSAD2	B1C	
NSSTSAD3	B20	
NSSTSAD4	B2C	
NSSTSASA	50	A0
NSSTSAVA	948	

Table 540. Cross Reference for IATYNSST (continued)

Name	Offset	Hex Tag
NSSTSAVE	ACC	
NSSTSAV8	ACC	ACC
NSSTSDSH	50	E0
NSSTSEC	61	
NSSTSELB	3C	
NSSTSEOF	50	0
NSSTSIZE	2490	2490
NSSTSJH	50	C0
NSSTSJT	50	D0
NSSTSLN1	B24	
NSSTSLN2	B26	
NSSTSLN3	B28	
NSSTSLN4	B2A	
NSSTSMAC	50	90
NSSTSNOC	50	80
NSSTSPDX	22	
NSSTSTAC	6	80
NSSTSTNO	50	
NSSTSTRT	0	
NSSTSTTL	840	
NSSTTCAN	50	40
NSSTTERM	B14	2
NSSTTKXR	83C	0
NSSTTPRM	44	
NSSTTRAC	B14	5
NSSTTRAN	0	
NSSTTSCT	28	
NSSTTTOK	51	
NSSTVER	4	
NSSTVR01	4	1
NSSTWORK	840	
NSSTWTO	9E0	
NSSTWTTX	A50	
NSSTXPWD	69	
NSTNJCDS	2C	4
NSTNJ304	2D	4
NSTRACQ	2B	8
NSTRASA	2A	20
NSTRBLK	C	
NSTRBPRI	59	0
NSTRCCFL	2A	
NSTRCHAR	78	0
NSTRCON	2A	4
NSTRCPDS	2A	80
NSTRCURD	14	
NSTRDATX	2A	1

Table 540. Cross Reference for IATYNSST (continued)

Name	Offset	Hex Tag
NSTREND	158	
NSTREOB	2C	20
NSTREOF	2C	40
NSTREOJ	2C	10
NSTREROR	2B	20
NSTRFLG1	2B	0
NSTRFLG2	2C	0
NSTRFLG3	2D	0
NSTRF301	2D	1
NSTRF302	2D	2
NSTRGRID	46	40404040
NSTRJBNM	36	40404040
NSTRJBNO	32	0
NSTRJCAN	2B	2
NSTRJDEL	2B	1
NSTRJOB	2B	80
NSTRJOBI	3E	40404040
NSTRLCNT	5C	0
NSTRMAC	2A	40
NSTRNJED	2E	
NSTRNJEL	51	2B
NSTRNJTL	2E	0
NSTRNODE	51	40404040
NSTRNODS	2C	2
NSTROLRL	26	
NSTROPCD	2A	10
NSTRORGN	80	40404040
NSTROWNN	60	40404040
NSTRPLB	1	
NSTRPOST	2B	10
NSTRPRTY	30	0
NSTRRCAN	2B	4
NSTRRCB	0	
NSTRREAD	2C	80
NSTRRECA	18	
NSTRRECL	22	
NSTRREQT	4E	404040
NSTRRMLN	28	
NSTRRSV1	2	
NSTRRSV2	88	0
NSTRSAPI	2D	8
NSTRSDS	2D	20
NSTRSDSH	2D	40
NSTRSIZE	158	158
NSTRSJH	2D	80
NSTRSJT	2D	10

Table 540. Cross Reference for IATYNSST (continued)

Name	Offset	Hex Tag
NSTRSPAD	1C	
NSTRSPAN	2A	2
NSTRSPLT	2A	8
NSTRSPRL	24	
NSTRSSOB	4	
NSTRSSS2	8	
NSTRSTRT	0	
NSTRUBUF	10	
NSTRUSE	2B	40
NSTRWCMP	2C	1
NSTRWRK4	68	0
NSTSPLIT	2C	8
OPCLPLSZ	31	4
OPNCLSPL	30	
SDMSIZE	50	C0
SMFNJACT	EE	
SMFNJBLD	FE	
SMFNJCNT	142	
SMFNJDES	A2	
SMFNJDPT	F6	
SMFNJDST	12E	
SMFNJDTE	AA	
SMFNJEDT	BC	
SMFNJEND	14A	152
SMFNJETM	B8	
SMFNJEXU	126	
SMFNJFLG	A4	
SMFNJIND	C0	
SMFNJJID	14A	
SMFNJLEN	A0	
SMFNJLOC	106	
SMFNJLRR	B6	
SMFNJNAM	C2	
SMFNJNUM	CA	
SMFNJONM	CE	
SMFNJORG	10E	
SMFNJPGM	D2	
SMFNJPTH	136	
SMFNJRCD	A0	
SMFNJRCT	13E	
SMFNJRMT	116	
SMFNJRNM	A5	39
SMFNJRTY	A5	
SMFNJSIZ	152	
SMFNJTME	A6	
SMFNJTRN	146	

Table 540. Cross Reference for IATYNSST (continued)

Name	Offset	Hex Tag
SMFNJUSR	E6	
SMFNJXEQ	11E	
SMFSUBID	B2	
SMFSYSID	AE	
WTOPLEN	A4C	70

IATYNTSV information

IATYNTSV heading information

Common name: TCPIP NETSERV Definition

Macro ID: IATYNTSV

DSECT name: NTSVSTRT

Owning component: JES3 (SC1BA)

Eye-catcher ID: NTSV
Offset: 0
Length: 4

Storage attributes: Main Storage: Any
Subpool: 0
Key: 0
Data Space: None

Size: NTSVSIZE bytes

Created by: IATINNSV

Pointed to by: Imbedded in IATYSUP immediately following SUPFEND.
As Intermediate Text, local within IATINNSV.

Serialization: None

Function: This macro maps the TCPIP NJE NETSERV definition.

IATYNTSV mapping

Table 541. Structure NTSVSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NTSVSTRT	
0	(0)	CHARACTER	6	NTSVEYE	Eye catcher
6	(6)	SIGNED	2	NTSVLEN	Length of NETSERV entry
8	(8)	ADDRESS	1	NTSVVER	Version number
8	(8)	X'1'	0	NTSVIVER	"1" Initial version
8	(8)	X'1'	0	NTSVCVER	"NTSVIVER" Current version
9	(9)	ADDRESS	3	NTSVRSV1	Reserved for IBM
12	(C)	CHARACTER	8	NTSVNAME	Net server name
20	(14)	CHARACTER	8	NTSVSTAK	Stack name
28	(1C)	CHARACTER	8	NTSVSYSN	System name where NETSERV runs
		A shorter definition is used for dump formatting only. This is needed because ABNLNLEN in IATYABN is limited to 132 characters.			
36	(24)	CHARACTER	114	NTSVHST(0)	Host for dump formatting
36	(24)	CHARACTER	255	NTSVHOST	Host name
291	(123)	ADDRESS	1	NTSVRSV4	Reserved for IBM

Table 541. Structure NTSVSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
292	(124)	ADDRESS	2	NTSVPORT	Port number
294	(126)	BITSTRING	16	NTSVRSV5	Resrved for IBM
312	(138)	ADDRESS	4	NTSVFSOC	First socket
316	(13C)	ADDRESS	4	NTSVLSOC	Last socket
320	(140)	ADDRESS	4	NTSVMAIN	Pointer to MAINPROC for NTSVSYSN
324	(144)	BITSTRING	1	NTSVFLG1	Flags
		1...		NTSVIPL	"X'80'" NETSERV was IPLed 06609SVC
		.1..		NTSVACTV	"X'40'" NETSERV is active
		..1.		NTSVJTRC	"X'20'" JES tracing in effect
		...1		NTSVVTRC	"X'10'" Verbose tracing in effect
		.... 1...		NTSVITRC	"X'08'" Internal tracing in effect
		.... .1..		NTSVDFGB	"X'04'" System defaults to global
		.... ..1.		NTSVSECR	"X'02'" Only connect using secure protocols
		1		NTSVF101	"X'01'" Reserved for IBM
324	(144)	X'38'	0	NTSVTRAC	"NTSVJTRC+NTSVVTRC+NTSVITRC" Any tracing
325	(145)	BITSTRING	1	NTSVFLG2	Netserv Flag 2
		1...		NTSVCANC	"X'80'" Netserv under cancel process
		.1..		NTSVCAND	"X'40'" Netserv node cancel issued
		..1.		NTSVF220	"X'20'" Reserved for IBM
		...1		NTSVF210	"X'10'" Reserved for IBM
		.... 1...		NTSVF208	"X'08'" Reserved for IBM
		.... .1..		NTSVF204	"X'04'" Reserved for IBM
		.... ..1.		NTSVF202	"X'02'" Reserved for IBM
		1		NTSVF201	"X'01'" Reserved for IBM
326	(146)	SIGNED	2	NTSVASID	NETSERV ASID
328	(148)	ADDRESS	4	NTSVFCT	Active TCP FCT address
332	(14C)	ADDRESS	4	NTSVTCPA	Active IATYTCP data CSECT
336	(150)	SIGNED	4	NTSVJBNO	NETSERV job number
340	(154)	ADDRESS	4	NTSVRQ	NETSERV RQ pointer
344	(158)	CHARACTER	8	NTSVRSV2	Reserved for IBM
352	(160)	SIGNED	4	NTSVRSV3(6)	Reserved for IBM
376	(178)	SIGNED	4	NTSVEND(0)	End of NETSERV entry
376	(178)	X'178'	0	NTSVSIZE	"NTSVEND-NTSVSTRT" Size of NETSERV entry

Table 542. Cross Reference for IATYNTSV

Name	Offset	Hex Tag
NTSVACTV	144	40
NTSVASID	146	
NTSVCANC	145	80
NTSVCAND	145	40
NTSVCVER	8	1
NTSVDFGB	144	4
NTSVEND	178	
NTSVEYE	0	

Table 542. Cross Reference for IATYNTSV (continued)

Name	Offset	Hex Tag
NTSVFCT	148	
NTSVFLG1	144	
NTSVFLG2	145	
NTSVFSOC	138	
NTSVF101	144	1
NTSVF201	145	1
NTSVF202	145	2
NTSVF204	145	4
NTSVF208	145	8
NTSVF210	145	10
NTSVF220	145	20
NTSVHOST	24	
NTSVHST	24	
NTSVIPL	144	80
NTSVITRC	144	8
NTSVIVER	8	1
NTSVJBNO	150	
NTSVJTRC	144	20
NTSVLEN	6	
NTSVLSOC	13C	
NTSVMAIN	140	
NTSVNAME	C	
NTSVPORT	124	
NTSVRQ	154	
NTSVRSV1	9	
NTSVRSV2	158	
NTSVRSV3	160	
NTSVRSV4	123	
NTSVRSV5	126	
NTSVSECR	144	2
NTSVSIZE	178	178
NTSVSTAK	14	
NTSVSTRT	0	
NTSVSYSN	1C	
NTSVTCPA	14C	
NTSVTRAC	144	38
NTSVVER	8	
NTSVVTRC	144	10

IATYNUCM information

IATYNUCM heading information

Common name: IATNUC Map Entry

Macro ID: IATYNUCM

DSECT name: NUCMSTRT

Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Main Storage: Any Subpool: 0 Key: 1
Size:	NUCMSIZE bytes
Created by:	IATGRVT IATGRVTF
Pointed to by:	AASPMAP in IATYTVT
Serialization:	None
Function:	This macro is used to generate (and map) the IATNUC (Nuc) map entries. Each Nuc map entry contains the following information about modules/CSECTs in the JES3 or C/I FSS nucleus: -- The name of the module/CSECT -- The address of the module/CSECT -- For modules, whether the module can be refreshed via a *MODIFY,X,M=modname,REFRESH command.

IATYNUCM mapping

Table 543. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		
$SF= z1.4.0 HJS7707 020129 PD0VW: z 1.4.0 0					
0	(0)	CHARACTER	8		Module/CSECT name
8	(8)	ADDRESS	4		"V(NUCM)" Module/CSECT address
12	(C)	ADDRESS	1		Option flag
13	(D)	BITSTRING	3		Reserved for development

IATYNWR information

IATYNWR programming interface information

The following fields are **NOT** programming interface information:

- WRCMPRSA
- WRDCNTDH
- WRDCNTHT
- WRDNTHT

IATYNWR heading information

Common name:	OUTPUT SERVICE NETWORKING DATA AREA
Macro ID:	IATYNWR
DSECT name:	WRDATA
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Main Storage: JES3 PRIVATE AREA Auxiliary Storage: N/A
Size:	3688 Bytes
Created by:	IATOSBP IATOSNT

Pointed to by: ANWR IN IATOSNJ (IATYNOD)
OSAPNWR IN IATOSBP (IATYOSA)
R13 IN IATOSNT

Serialization: None

Function: THIS IS THE MAPPING OF THE OUTPUT SERVICE NETWORKING WORK AREA. IT CONTAINS CONSTANTS, ADDRESSES AND WORK AREAS FOR USE BY NETWORKING FUNCTIONS WITHIN OUTPUT SERVICE.

IATYNWR mapping

Table 544. Structure WRDATA

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	WRDATA	
0	(0)	DBL WORD	8	WRDWORK	DOUBLEWORD WORK AREA D016
		AREAS FOR BUILDING NEW UTILITY JOB CONTROL BLOCKS			
8	(8)	DBL WORD	8	(0)	
8	(8)	BITSTRING	680	WRJCTBLD	NJESND JCT ENTRY
688	(2B0)	DBL WORD	8	(0)	
688	(2B0)	BITSTRING	256	WRDSBUFF	INTERMEDIATE SPOOLING BUFFER
944	(3B0)	BITSTRING	32	WRHDRFDB	FDB OF NETWORK HEADER
976	(3D0)	BITSTRING	32	WRTRLFDB	FDB OF NETWORK TRAILER
1008	(3F0)	BITSTRING	32	WRDSHFDB	FDB OF DATASET HEADER
1040	(410)	BITSTRING	28	WRTATFDB	DATASET TAT FDB (DSISO) FOR: JOB HEADER DATASET HEADER JOB TRAILER
1068	(42C)	BITSTRING	28	WRJOBTAT	JOBTAT FDB FOR NJESND JOB
1096	(448)	BITSTRING	32	WRXDSFDB	MRF FDB FOR A TRAN DATA SET
1128	(468)	CHARACTER	16	WRDDNAME	PROCNAME, STEPNAME QUALIFIE
1144	(478)	CHARACTER	8	WRDDNM	DDNAME PARM USED BY JDSGET
		THE FOLLOWING FIELDS ARE USED FOR NETWORKING JOB GROUPING. GROUP BY DESTINATION, USERID AND SECURITY LABEL.			
1152	(480)	CHARACTER	8	WRDEST	NODE NAME FOR GROUPING
1160	(488)	CHARACTER	8	WRUSRID	USERID FOR GROUPING
1168	(490)	CHARACTER	8	WRSECBL	SECURITY LABEL FOR GROUPING
1176	(498)	SIGNED	4	WRINJDS(2)	REG SAVEAREA TOP OF INPUT JDS AND PTR TO LST USED ENT
1184	(4A0)	SIGNED	4	WRJDAB@(2)	REG SAVEAREA FOR TOP OF INP JDAB AND PNTR TO A JDAB S.E
1192	(4A8)	SIGNED	4	WRRSAVE(13)	SUBROUTINE REG SAVE AREA D016
1244	(4DC)	SIGNED	4	WRREG14	REGISTER 14 SAVE AREA
1248	(4E0)	SIGNED	4	WRJOBX	New job no. for NJESND job
1252	(4E4)	SIGNED	4	WRBINJNO	Binary application job no.
1256	(4E8)	CHARACTER	8	WRJOBEBC	JOB ID, NUM EQUIV TO WRJOBX
1264	(4F0)	CHARACTER	8	WRCURNAM	CURRENT TRANSACTION NAME
1272	(4F8)	SIGNED	4	WRCMPRSA	COMPRESSION ROUT ENTRY POINT
1276	(4FC)	CHARACTER	256	WRWORKAR	COMPRESSION ROUT WORK AREA
1532	(5FC)	SIGNED	4	WRWKAREA(20)	USER EXIT 39/43 WORK AREA
1612	(64C)	CHARACTER	438	WRJDSJH	JDS ENTRY FOR JOB HEADER
2050	(802)	CHARACTER	438	WRJDSJT	JDS ENTRY FOR JOB TRAILER

Table 544. Structure WRDATA (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2488	(9B8)	CHARACTER	440	WRJDSDSH	JDS ENTRY FOR DATASET HEADER
2928	(B70)	SIGNED	4	WRJHNOTE	JOB HEADER JDS NOTE POINTER
2932	(B74)	SIGNED	4	WRJTNOTE	JOB TRAILER JDS NOTE POINTER
2936	(B78)	BITSTRING	44	WRDCNTDH	COMMUNICATIONS LIST FOR NTDH
2980	(BA4)	BITSTRING	128	WRDCNTHT	COMMUNICATIONS LIST FOR NTHT
3108	(C24)	SIGNED	4	WRDNTHT	ADDRESS OF IATNTHT
3112	(C28)	SIGNED	4	WRDNJH	POINTER TO NJH FOR IATOSNT
3116	(C2C)	SIGNED	4	WRDNJT	POINTER TO NJT FOR IATOSNT
3120	(C30)	ADDRESS	4	WRDSEC	POINTER TO SECURITY CHECK CONTROL BLOCK
3124	(C34)	CHARACTER	8	WRDJDVT	JDVT NAME
3132	(C3C)	SIGNED	4	WRDRSVD1(10)	RESERVED FOR DEVELOPMENT 0513
3172	(C64)	CHARACTER	8	WREUSRID	TSO USERID FROM JMR NJEUSRID
3180	(C6C)	SIGNED	4	WRCOMP	Job completion indicator
3184	(C70)	SIGNED	4	WRTIMON	Job entry time
3188	(C74)	SIGNED	4	WRDATON	Job entry date
3192	(C78)	SIGNED	4	WRDRSVS1(7)	RESERVED FOR SERVICE
3220	(C94)	SIGNED	4	WRDRSVU1(10)	RESERVED FOR USER 0513
		THE FOLLOWING EQUATES ARE USED FOR JOB HEADER, DATASET HEADER AND JOB TRAILER SEGMENT BUILDING.			
		1...		WRDNOSEQ	"X'80'" NO MORE HEADER/TRAILER SEGMENTS
		.111 1111		WRDSTSEQ	"X'7F'" STARTING SEQUENCE VALUE
		STORAGE POINTERS TO CONTROL BLOCKS BUILT FOR NJESND UTILITY JOB.			
3260	(CBC)	SIGNED	4	WROUTJCT	PNTR NEW JCT ENT FOR NJESND
3264	(CC0)	SIGNED	4	WROUTJDA	PNTR NEW JDAB FOR NJESND
3268	(CC4)	SIGNED	4	WROUTJDS	PNTR TO NEW JDS BEING BUILT
3272	(CC8)	SIGNED	4	WROUTJMR	PNTR TO NEW JMR BEING BUILT
3276	(CCC)	SIGNED	2	WRBLBSIZ	TRANS BFR SIZE FRM RMTENTRY
3278	(CCE)	SIGNED	2	WRDRSVS2	RESERVED FOR SERVICE D016
		THESE PARAMETERS ARE SAVED FROM THE INPUT JDAB FOR NETWORKING HEADER/TRAILER.			
3280	(CD0)	CHARACTER	8	WRJOBNM	JDAB JOBNAME
3288	(CD8)	CHARACTER	8	WRJOBNO	JDAB JOB ID
3296	(CE0)	CHARACTER	8	WRORGND	JDAB ORIGIN GROUP NAME
3304	(CE8)	CHARACTER	8	WRORGRM	JDAB SECONDARY ORIGIN NAME
3312	(CF0)	CHARACTER	8	WRONODE	JDAB JOB OWNER NODE NAME
3320	(CF8)	CHARACTER	8	WROUSER	JDAB JOB OWNER USERID
3328	(D00)	CHARACTER	8	WRGROUP	JDAB JOB OWNER GROUP NAME
3336	(D08)	CHARACTER	8	WRSNODE	JDAB SUBMITTOR NODE NAME
3344	(D10)	CHARACTER	8	WRSUSER	JDAB SUBMITTOR USERID
3352	(D18)	CHARACTER	8	WRRNODE	JDAB REPORT TO NODE NAME
3360	(D20)	CHARACTER	8	WRRUSER	JDAB REPORT TO USERID

Table 544. Structure WRDATA (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
3368	(D28)	CHARACTER	1	WRJOBQU	JDAB ORIGIN QUALIFIER
3369	(D29)	BITSTRING	1	WRJDNJE1	JDAB NJE FLAG 1 D016
3370	(D2A)	BITSTRING	1	WRJDNJE2	JDAB NJE FLAG 2 D016
3371	(D2B)	BITSTRING	1	WRMSGCLS	Message Class(from JMR)
3372	(D2C)	BITSTRING	1	WRJDBFL1	JDABFLG1
3373	(D2D)	BITSTRING	1	WRJDBFL2	JDABFLG2
3374	(D2E)	BITSTRING	1	WRJDBFL3	JDABFLG3
3375	(D2F)	BITSTRING	1	WRJDBFL4	JDABFLG4
3376	(D30)	CHARACTER	8	WRJDBMNM	JDAB Main name for the job 18620TAA
	THESE PARAMETERS ARE SAVED FROM THE INPUT JMR FOR NETWORKING HEADER/TRAILER.				
3384	(D38)	CHARACTER	8	WRIPTGRP	INPUT GROUP NAME
3392	(D40)	CHARACTER	8	WRIPTDEV	INPUT DEVICE NAME
3400	(D48)	CHARACTER	8	WRHDJBNM	ORIGINAL JOB NAME
3408	(D50)	CHARACTER	8	WRACCTNO	NETWORK ACCOUNT NUMBER
3416	(D58)	SIGNED	4	WRESTLIN	ESTIMATED LINES
3420	(D5C)	SIGNED	4	WRESTCRD	ESTIMATED CARDS
3424	(D60)	SIGNED	4	WRESTPAG	ESTIMATED PAGES
3428	(D64)	SIGNED	4	WRESTBYT	ESTIMATED BYTES
3432	(D68)	SIGNED	4	WRACTLIN	ACTUAL LINES
3436	(D6C)	SIGNED	4	WRACTCRD	ACTUAL CARDS
3440	(D70)	SIGNED	4	WRACTPAG	ACTUAL PAGES
3444	(D74)	SIGNED	4	WRACTBYT	ACTUAL BYTES
3448	(D78)	CHARACTER	20	WRPROGNM	APPL PROGRAMMER'S NAME
3468	(D8C)	CHARACTER	8	WRROOM	APPL PROGRAMMER'S ROOM NO.
3476	(D94)	CHARACTER	8	WRDEPT	DEPT NO.
3484	(D9C)	CHARACTER	8	WRBLDG	BLDING NO
3492	(DA4)	CHARACTER	8	WRXEQN	EXECUTION NODE
3500	(DAC)	CHARACTER	8	WRXEQU	EXECUTION USERID
3508	(DB4)	CHARACTER	4	WROJBNO	Original job number
3512	(DB8)	BITSTRING	1	WRJCLASS	JOB EXECUTION CLASS
3513	(DB9)	BITSTRING	1	WRJOBPTY	PRTY FROM OUTSERV RSQUE ENT
	DEFINITION OF WRSTATUS 0				
3514	(DBA)	BITSTRING	1	WRSTATUS	STATUS FLAG 1 0513
		1...		WRWKTODO	"X'80'" OTHER DEST REQ A NJESND JOB
		.1..		WRHDRCVD	"X'40'" JOB HDR WAS RECD FRM INSRV
		..1.		WRTRRCVD	"X'20'" JOB TRLR WAS RECD FRM INSRV
		...1		WRINVNDE	"X'10'" INVALID NODE SPECIFIED
		.... .1..		WRFSTSEG	"X'04'" FIRST SEGMENT OF JOB HEADER WAS ALREADY PROCESSED
		.... ..1.		WRJHDTAT	"X'02'" JOB HEADER DSISO DATASET 0042
		1		WRJTDTAT	"X'01'" JOB TRAILER DSISO DATASET 0042
		1		WRDRECUR	"X'01'" IATOSNT JESTAE IN CONTROL 0209

Table 544. Structure WRDATA (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF WRSTAT2 0			
3515	(DBB)	BITSTRING	1	WRSTAT2	STATUS FLAG 2 0513 2 LINES DELETED 0433
		RESERVED FLAG INDICATORS 0			
3516	(DBC)	BITSTRING	1	WRSTAT3	RESERVED FOR DEVELOPMENT 0513
3517	(DBD)	BITSTRING	1	WRSTAT4	RESERVED FOR SERVICE 0513
3518	(DBE)	BITSTRING	1	WRSTAT5	RESERVED FOR USER 0513
3519	(DBF)	CHARACTER	1	WRERRMSG	TEXT LGTH FOR MESSAGE MACRO
3520	(DC0)	CHARACTER	80	WRERTEXT	TEXT AREA FOR MESSAGE MACRO
		DEFINITION OF IATOSNT RETURN CODE. D			
3600	(E10)	BITSTRING	1	WRETCODE	IATOSNT RETURN CODE D016
3600	(E10)	X'0'	0	WRETOK	"0" NORMAL RETURN D016
3600	(E10)	X'4'	0	WRETHOLD	"4" HOLD RETURN D016
3600	(E10)	X'8'	0	WRETERR	"8" ERROR RETURN D016
		DEFINITION OF RECOVERY INDICATORS. 0			
3601	(E11)	BITSTRING	1	WRDCNTL	RECOVERY INDICATOR 0079
		1...		WRDJDABH	"X'80'" JDAB IS HELD 0079
		.1..		WRDJMRH	"X'40'" JMR IS HELD 0079
		..1.		WRDJHO	"X'20'" JOB HEADER IS OPEN 0079
		...1		WRDJTO	"X'10'" JOB TRAILER IS OPEN 0079
		.... 1...		WRDDSTO	"X'08'" DATA STREAM IS OPEN 0079
		.... .1..		WRDDSHO	"X'04'" DATASET HEADER IS OPEN 0079
		.... ..1.		WRDJDSH	"X'02'" JDS IS HELD
		MESSAGE LIST AND MESSAGE WORK AREA. 0 $T6=z1.13.0 HJS7780 110309 PD0TN: z 1.13.0			
3604	(E14)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
3604	(E14)	ADDRESS	4	WRDOUTM	Text Address
3608	(E18)	BITSTRING	2		Destination Disp and Mask
3610	(E1A)	BITSTRING	1		ACTION flag
3611	(E1B)	ADDRESS	1		Options Flag
3612	(E1C)	BITSTRING	2		Descriptor Codes
3614	(E1E)	SIGNED	2		Reserved 2 Bytes
3616	(E20)	BITSTRING	17		Routing Codes
3633	(E31)	BITSTRING	1	(3)	Reserved
3636	(E34)	BITSTRING	1	(8)	Jobid
3644	(E3C)	BITSTRING	1	(8)	Jobname
3652	(E44)	BITSTRING	1	(8)	Key
3660	(E4C)	ADDRESS	4		CNDB Address 1
3664	(E50)	ADDRESS	4		CNDB Address 2
3668	(E54)	ADDRESS	4		CNDB Address 3
3672	(E58)	ADDRESS	4		CNDB Address 4

Table 544. Structure WRDATA (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
3676	(E5C)	ADDRESS	4		CNDB Address 5
3680	(E60)	ADDRESS	4		MLWO Address
3684	(E64)	BITSTRING	120	WRDOMSG	OUTPUT MESSAGE AREA 0329

```
IATYNCP NETWORKING COMPRESSION LIST
      NETWORKING COMPRESSION PARAMETER FORMATTING MACRO
CHANGE ACTIVITY
$NP=SP313 HJS3313 890412 PD0JF: SP 3.1.3 D
```

3804	(EDC)	SIGNED	4	CMPRSPRM(0)	
3804	(EDC)	SIGNED	4	CMPSAVE(16)	- REGISTER SAVE AREA
3868	(F1C)	SIGNED	4	CMPFDB	- PTR TO FDB FOR TRANSMISSION DATA SET
3872	(F20)	SIGNED	4	CMPBUFR	- PTR TO TRANSMISSION BUFFER
3876	(F24)	SIGNED	4	CMPFIRST	- PTR TO FIRST CHAR TO BE COMPRESSED
3880	(F28)	SIGNED	4	CMPLAST	- PTR TO LAST CHAR TO BE COMPRESSED
3884	(F2C)	SIGNED	4	CMPNEXT	- PTR TO NEXT POSITION IN BUFFER
3888	(F30)	SIGNED	4	CMPPREV	- PTR TO PREV POSITION IN BUFF#165
3892	(F34)	SIGNED	4	CMPWORK	- PTR TO WORK AREA FOR COMPRESSION
3896	(F38)	SIGNED	2	CMPBFSIZ	- TRANSMISSION BUFFER SIZE
3898	(F3A)	CHARACTER	2	CMPRCB	- RCB AND SRCB TO BE PLACED IN RECORD
3900	(F3C)	SIGNED	2	CMPHDLEN	- LENGTH OF FIXED PORTION OF BUFFER
3902	(F3E)	BITSTRING	6	CMPBLKHD	- FIXED PORTION OF BUFFER
3908	(F44)	SIGNED	4	CMPRSEND(0)	- END OF COMPRESSION PARM LIST
3908	(F44)	BITSTRING	4	CMPRSSIZ(0)	- L'CMPRSSIZ = SIZE OF PARM LIST
3912	(F48)	DBL WORD	8	WRDEND(0)	END OF WRDATA WORK DATA
3912	(F48)	BITSTRING	1	WRDSIZE(0)	

Table 545. Cross Reference for IATYNWR

Name	Offset	Hex Tag
CMPBFSIZ	F38	
CMPBLKHD	F3E	10020000
CMPBUFR	F20	
CMPFDB	F1C	
CMPFIRST	F24	
CMPHDLEN	F3C	6
CMPLAST	F28	
CMPNEXT	F2C	
CMPPREV	F30	
CMPRCB	F3A	
CMPRSEND	F44	
CMPRSPRM	EDC	
CMPRSSIZ	F44	
CMPSAVE	EDC	
CMPWORK	F34	
WRACCTNO	D50	
WRACTBYT	D74	
WRACTCRD	D6C	

Table 545. Cross Reference for IATYNWR (continued)

Name	Offset	Hex Tag
WRACTLIN	D68	
WRACTPAG	D70	
WRBINJNO	4E4	
WRBLBSIZ	CCC	
WRBLDG	D9C	
WRCMPRSA	4F8	
WRCOMP	C6C	0
WRCURNAM	4F0	
WRDATA	0	
WRDATON	C74	
WRDCNTDH	B78	0
WRDCNTHT	BA4	0
WRDCNTL	E11	
WRDDNAME	468	
WRDDNM	478	
WRDDSHO	E11	4
WRDDSTO	E11	8
WRDEND	F48	
WRDEPT	D94	
WRDEST	480	
WRDJDABH	E11	80
WRDJDSH	E11	2
WRDJDVT	C34	40404040
WRDJHO	E11	20
WRDJMRH	E11	40
WRDJTO	E11	10
WRDNJH	C28	0
WRDNJT	C2C	0
WRDNOSEQ	C94	80
WRDNTHT	C24	0
WRDOMSG	E64	0
WRDOUTM	E14	
WRDRECUR	DBA	1
WRDRSVD1	C3C	0
WRDRSVS1	C78	0
WRDRSVS2	CCE	
WRDRSVU1	C94	0
WRDSBUFF	2B0	0
WRDSEC	C30	
WRDSHFDB	3F0	
WRDSIZE	F48	
WRDSTSEQ	C94	7F
WRDWORK	0	0
WRERRMSG	DBF	
WRERTEXT	DC0	
WRESTBYT	D64	

Table 545. Cross Reference for IATYNWR (continued)

Name	Offset	Hex Tag
WRESTCRD	D5C	
WRESTLIN	D58	
WRESTPAG	D60	
WRETCODE	E10	
WRETERR	E10	8
WRETHOLD	E10	4
WRETOK	E10	0
WREUSRID	C64	40404040
WRFSTSEG	DBA	4
WRGROUP	D00	
WRHDJBNM	D48	
WRHDRCVD	DBA	40
WRHDRFDB	3B0	
WRINJDS	498	
WRINVNDE	DBA	10
WRIPTDEV	D40	
WRIPTGRP	D38	
WRJCLASS	DB8	
WRJCTBLD	8	
WRJDAB@	4A0	
WRJDBFL1	D2C	
WRJDBFL2	D2D	
WRJDBFL3	D2E	
WRJDBFL4	D2F	
WRJDBMNM	D30	
WRJDNJE1	D29	
WRJDNJE2	D2A	
WRJDSDSH	9B8	
WRJDSJH	64C	
WRJDSJT	802	
WRJHDTAT	DBA	2
WRJHNOTE	B70	0
WRJOBEBC	4E8	
WRJOBNM	CD0	
WRJOBNO	CD8	
WRJOBPTY	DB9	
WRJOBQU	D28	
WRJOBTAT	42C	
WRJOBX	4E0	
WRJTDTAT	DBA	1
WRJTNOTE	B74	0
WRMSGCLS	D2B	
WROJBNO	DB4	
WRONODE	CF0	
WRORGND	CE0	
WRORGRM	CE8	

Table 545. Cross Reference for IATYNWR (continued)

Name	Offset	Hex Tag
WROUSER	CF8	
WROUTJCT	CBC	
WROUTJDA	CC0	
WROUTJDS	CC4	
WROUTJMR	CC8	
WRPROGNM	D78	
WRREG14	4DC	
WRRNODE	D18	
WRROOM	D8C	
WRRSAVE	4A8	0
WRRUSER	D20	
WRSECBL	490	
WRSNODE	D08	
WRSTATUS	DBA	
WRSTAT2	DBB	
WRSTAT3	DBC	
WRSTAT4	DBD	
WRSTAT5	DBE	
WRSUSER	D10	
WRTATFDB	410	
WRTIMON	C70	
WRTRLFDB	3D0	
WRTRRCVD	DBA	20
WRUSRID	488	
WRWKAREA	5FC	0
WRWKTODO	DBA	80
WRWORKAR	4FC	F0404040
WRXDSFDB	448	
WRXEQN	DA4	
WRXEQU	DAC	

IATYOCF information

IATYOCF heading information

Common name: Old Configuration Data Entry

Macro ID: IATYOCF

DSECT name: OCFSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: OCF
Offset: 0
Length: 4

Storage attributes: Main Storage: Any
Subpool: 0
Key: 1

Size: OCFSIZE bytes

Created by: Issuer of IATXCFGS FUNC=ADD_OLD_INFO

Pointed to by: CFSOCFAD in IATYCFGS
OCFNEXT in IATYOCF

Serialization: NONE

Function: This macro maps the information that associated with the old configuration that must be kept around until JES3 initialization completes successfully. At the end of initialized, the information associated with the old configuration can be deleted.
For example, during a hot start with refresh, the OCF contains the JOBTAT FDB that maps the spool space associated with the intermediate text associated with the old configuration (i.e. the intermediate text that was created when the last cold, warm, or hot start with refresh was done). At the end of initialization, the spool space for the old intermediate text can be purged since a new JOBTAT is created to represent the information in the new initialization stream.
For example, during a hot start with refresh, the OCF contains the FDB for old FSS/FSA checkpoint record (FCK). During a hot start with refresh, the information from the FCK and the initialization stream are merged to create a brand new FCK. At the end of initialization, the spool space for the old FCK can be freed.
The OCF can also be used to keep track of information associated with the old configuration that does not necessarily require any deletion processing.

IATYOCF mapping

Table 546. Structure OCFSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	OCFSTART	, Configuration Services Data Entry
0	(0)	CHARACTER	4	OCFID	Control block id
4	(4)	ADDRESS	4	OCFNEXT	Address of next OCF entry
8	(8)	BITSTRING	32	OCFDATA	Up to 32 bytes of data that is associated with the old configuration
40	(28)	CHARACTER	32	OCFDESC	Description of the data
72	(48)	SIGNED	2	OCFDLEN	Length of the data in field OCFDATA
74	(4A)	SIGNED	2	OCFRSVD1(3)	Reserved for development
80	(50)	ADDRESS	8	OCFDSPC1	Delete function specific information
88	(58)	SIGNED	4	OCFDSPC2	Delete function specific information
92	(5C)	BITSTRING	1	OCFFUNC	Function to be performed on the data
	Definition of OCFFUNC.				
92	(5C)	X'1'	0	OCFDLSTR	"1" The data is a piece of storage that should be freed when an IATXCFGS DELETE_OLD_INFO is issued. OCFDSPEC contains the length of the storage.
92	(5C)	X'2'	0	OCFDLSBK	"2" The data is a spool control block allocated from the STT or a JOBTAT that should be purged when an IATXCFGS DELETE_OLD_INFO is issued. OCFDSPEC contains zeroes.
92	(5C)	X'3'	0	OCFDLSCH	"3" The data is a spool control block chain allocated from the STT that should be purged when an IATXCFGS DELETE_OLD_INFO is issued. OCFDSPEC contains the offset of the chain FDB.
93	(5D)	BITSTRING	3	OCFRSVD2	Reserved for development
96	(60)	DBL WORD	8	OCFEND(0)	End of control block

Table 546. Structure OCFSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
96	(60)	X'60'	0	OCFSIZE	"OCFEND-OCFSTART" Size of control block
		Values used to create the OCF cellpool.			
96	(60)	X'1E'	0	OCFPXTCT	"30" Number of elements in primary extent of the cellpool
96	(60)	X'64'	0	OCFSXTCT	"100" Number of elements in each secondary extent of the cellpool
96	(60)	X'0'	0	OCFSPOOL	"0" Subpool for OCF entries

Table 547. Cross Reference for IATYOCF

Name	Offset	Hex Tag
OCFDATA	8	0
OCFDESC	28	40404040
OCFDLEN	48	0
OCFDLSBK	5C	2
OCFDLSCH	5C	3
OCFDLSTR	5C	1
OCFDSPC1	50	
OCFDSPC2	58	0
OCFEND	60	
OCFFUNC	5C	0
OCFID	0	D6C3C640
OCFNEXT	4	
OCFPXTCT	60	1E
OCFRSVD1	4A	0
OCFRSVD2	5D	0
OCFSIZE	60	60
OCFSPOOL	60	0
OCFSTART	0	
OCFSXTCT	60	64

IATYODP information

IATYODP programming interface information

IATYODP is a programming interface.

IATYODP heading information

Common name: OSE Default Get/Put Parameter List

Macro ID: IATYODP

DSECT name: ODPSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: ODP
Offset: 0
Length: 4

Storage attributes:	Main Storage: Subpool 0 Auxiliary Storage: n/a Key: 1 (JES KEY) Residency: Any
Size:	48 bytes
Created by:	IATMOOI
Pointed to by:	Register 1 on entry to DEFLTOSE
Serialization:	None
Function:	Maps the parameter list passed to the DEFLTOSE routine.

IATYODP mapping

Table 548. Structure ODPSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	ODPSTART	
0	(0)	CHARACTER	4	ODPID	Eyecatcher
0	(0)	X'4'	0	ODPDATA	"*" Start of ODP data
4	(4)	ADDRESS	4	ODPPRTWA	Default WTR queue PRT OSE
8	(8)	ADDRESS	4	ODPPUNWA	Default WTR queue PUN OSE
12	(C)	ADDRESS	4	ODPPRTHA	Default HOLD queue PRT OSE
16	(10)	ADDRESS	4	ODPPUNHA	Default HOLD queue PUN OSE
20	(14)	BITSTRING	1	ODPFLAG1	Input flags
		1...		ODPGET	"X'80'" GET request
		.1..		ODPPUT	"X'40'" PUT request
		..1.		ODPFRP	"X'20'" Read default FRP's
21	(15)	BITSTRING	1	ODPFLAG2	Work flags
		1...		ODPJDABR	"X'80'" JDAB has been read
22	(16)	BITSTRING	2	ODPRSVD1	Reserved for IBM
24	(18)	BITSTRING	12	ODPJDFDB	FDB for reading JDAB
36	(24)	BITSTRING	1	ODPFRFDB	FDB for reading FRP
36	(24)	X'30'	0	ODPEND	"*" End of IATYODP
48	(30)	BITSTRING	0	ODPDSIZE(0)	Size of IATYODP data
48	(30)	BITSTRING	1	ODPSIZE(0)	Size of IATYODP

Table 549. Cross Reference for IATYODP

Name	Offset	Hex Tag
ODPDATA	0	4
ODPDSIZE	30	
ODPEND	24	30
ODPFLAG1	14	0
ODPFLAG2	15	0
ODPFRFDB	24	0
ODPFRP	14	20
ODPGET	14	80
ODPID	0	D6C4D740
ODPJDABR	15	80
ODPJDFDB	18	0
ODPPRTHA	C	
ODPPRTWA	4	

Table 549. Cross Reference for IATYODP (continued)

Name	Offset	Hex Tag
ODPPUNHA	10	
ODPPUNWA	8	
ODPPUT	14	40
ODPRSVD1	16	0
ODPSIZE	30	
ODPSTART	0	

IATYOFIN information

IATYOFIN heading information

Common name: Initialization OFFSET and Vector table

Macro ID: IATYOFIN

DSECT name: IATYOFIN --OFIN Offset table

Owning component: JES3 (SC1BA)

Eye-catcher ID: YOFIN
Offset: 0
Length: 6
Language: PL/X

Storage attributes: Main Storage: 84
Virtual Storage: 84
Auxiliary Storage: 84
Subpool: 251
Key: 1
Data Space: N/A
Residency: any
Frequency: one per system

Size: 84

Created by: IATOFIN

Pointed to by: Linked with modules needing access

Serialization: none

Function: The OFIN is an offset table used to access fields in source maintained macros. Offsets to fields in this data area must not change, otherwise errors will occur in the non-source maintained modules that reference this data area.

IATYOFIN mapping

Table 550. Structure IATYOFIN

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATYOFIN	IATYOFIN.210: OFIN Offset table
0	(0)	CHARACTER	6	OFIN_EYE_CATCHER	
		IATYOFIN.99: OFIN eyecatcher			
6	(6)	SIGNED	1	OFIN_VERS	
		IATYOFIN.105: Current version of the control block			
7	(7)	SIGNED	1	OFIN_RSV1	IATYOFIN.289: Reserved for developement
8	(8)	ADDRESS	4	OFIN_INTFLAG1	

Table 550. Structure IATYOFIN (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
				IATYOFIN.1140: Offset to field INTFLAG1 in IATYINT	
12	(C)	ADDRESS	4	OFIN_SPARAM	
				IATYOFIN.310: Offset to field SPARAM in IATYINT	
16	(10)	ADDRESS	4	OFIN_SOPER	
				IATYOFIN.337: Offset to field SOPER in IATYINT	
20	(14)	ADDRESS	4	OFIN_LOPER	
				IATYOFIN.304: Offset to field LOPER in IATYINT	
24	(18)	ADDRESS	4	OFIN_ISCAN1	
				IATYOFIN.292: Offset to field ISCAN1 in IATYINT	
28	(1C)	ADDRESS	4	OFIN_ISCAN2	
				IATYOFIN.301: Offset to field ISCAN2 in IATYINT	
32	(20)	ADDRESS	4	OFIN_IWASPOUT	
				IATYOFIN.386: Offset to field IWASPOUT in IATYINT	
36	(24)	ADDRESS	4	OFIN_MSGIAT3240	
				IATYOFIN.607: Offset to field ILPRMDUP in IATYINT	
40	(28)	ADDRESS	4	OFIN_MSGIAT3243	
				IATYOFIN.618: Offset to field BADCARD in IATYINT	
44	(2C)	ADDRESS	4	OFIN_MSGIAT3245	
				IATYOFIN.989: Offset to field BADSOPER in IATYINT	
48	(30)	ADDRESS	4	OFIN_MSGIAT3255	
				IATYOFIN.1079: Offset to DEFMSG in IATYINT	
52	(34)	ADDRESS	4	OFIN_MSGIAT3260	
				IATYOFIN.619: Offset to field IAT3260 in IATYINT	
56	(38)	ADDRESS	4	OFIN_MSGIAT3263	
				IATYOFIN.626: Offset to field MSG3263 in IATYINT	
60	(3C)	ADDRESS	4	OFIN_ITWRITE	

Table 550. Structure IATYOFIN (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		IATYOFIN.652: Offset to field ITWRITE in IATYINT			
64	(40)	ADDRESS	4	OFIN_ITREAD	
		IATYOFIN.658: Offset to field ITREAD in IATYINT			
68	(44)	ADDRESS	4	OFIN_INTCORID	
		IATYOFIN.740: Offset to field INTCORD in IATYINT			
72	(48)	ADDRESS	4	OFIN_INITFLG1	
		IATYOFIN.789: Offset to field INITFLG1 in IATYINT			
76	(4C)	ADDRESS	1	OFIN_INTDYNCH	
		IATYOFIN.1150: Value of the flag INTDYNCH in IATYINT			
77	(4D)	ADDRESS	1	OFIN_INTFTERM	
		IATYOFIN.795: Value of the flag INTFTERM in IATYINT			
78	(4E)	ADDRESS	1	OFIN_INTPROB	
		IATYOFIN.1277: Value of the flag INTPROB in IATYINT			
79	(4F)	ADDRESS	1	OFIN_INTWARN	
		IATYOFIN.1016: Value of the flag INTWARN in IATYINT			
80	(50)	ADDRESS	4	OFIN_INTKTABL	
		IATYOFIN.1423: Offset to field INTKTABL in IATYINT			
80	(50)	X'54'	0	IATYOFIN_LEN	"*-IATYOFIN"

Table 551. Cross Reference for IATYOFIN

Name	Offset	Hex Tag
IATYOFIN	0	
IATYOFIN_LEN	50	54
OFIN_EYE_CATCHER	0	E8D6C6C9
OFIN_INITFLG1	48	
OFIN_INTCORID	44	
OFIN_INTDYNCH	4C	
OFIN_INTFLAG1	8	
OFIN_INTFTERM	4D	
OFIN_INTKTABL	50	
OFIN_INTPROB	4E	
OFIN_INTWARN	4F	

Table 551. Cross Reference for IATYOFIN (continued)

Name	Offset	Hex Tag
OFIN_ISCAN1	18	
OFIN_ISCAN2	1C	
OFIN_ITREAD	40	
OFIN_ITWRITE	3C	
OFIN_IWASPOUT	20	
OFIN_LOPER	14	
OFIN_MSGIAT3240	24	
OFIN_MSGIAT3243	28	
OFIN_MSGIAT3245	2C	
OFIN_MSGIAT3255	30	
OFIN_MSGIAT3260	34	
OFIN_MSGIAT3263	38	
OFIN_RSV1	7	
OFIN_SOPER	10	
OFIN_SPARAM	C	
OFIN_VERS	6	1

IATYOSA information

IATYOSA programming interface information

The following fields are **NOT** programming interface information:

- OSACHALL
- OSACHEND
- OSACHJOB
- OSACHSEN
- OSACHST
- OSACHSTP
- OSAHDJDO
- OSANTDH
- OSANTHT
- OSAOSBP
- OSAOSDOQ
- OSAOSW
- OSAPNJT
- OSAPTJDO

IATYOSA heading information

Common name: OUTPUT SERVICE DATA AREA

Macro ID: IATYOSA

DSECT name: OSASTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: IATODDR
Offset: 0
Length: 8

Storage attributes: Main Storage: JES3 STORAGE (IATODDR)
Auxiliary Storage: N/A
Subpool: 0
Key: 1 (JESKEY)
Residency: ANY

Size: OSASIZE

Created by: IATOSDR
* 2

Pointed to by: THE OSA IS DEFINED WITHIN MODULE IATODDR AND IS POINTED TO BY R13 IN MODULES IATOSDR AND IATOSDO.

Serialization: NONE

Function: THIS AREA MAPS OVER DATA AREA USED BY THE OUTSERV FCT.
* 2

IATYOSA mapping

Table 552. Structure IATODDR

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATODDR	
0	(0)	SIGNED	4	OSASTART(0)	START OF OSA DATA AREA
		JES3 MODULE ENTRY POINT IDENTIFIER 01 Change Activity: $SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0			
0	(0)	CHARACTER	8		MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM
36	(24)	SIGNED	2	OSAOSDR	Outserv FCT build id
36	(24)	X'24'	0	OSDOSDR	"OSAOSDR,L'OSAOSDR,C'H'" Obsolete field name
38	(26)	SIGNED	2	OSARSVS7	Reserved for IBM 12190S5A
40	(28)	ADDRESS	4	OSARETRY	JESTAE retry address
40	(28)	X'28'	0	OSDRETRY	"OSARETRY,L'OSARETRY,C'F'" Obsolete field name
44	(2C)	ADDRESS	4	OSAPOOLA	OSE build pool area
44	(2C)	X'2C'	0	OSDRPOOL	"OSAPOOLA,L'OSAPOOLA,C'A'" Obsolete field name
48	(30)	ADDRESS	4	OSAWSP	IATYWSP address
48	(30)	X'30'	0	OSDRYWSP	"OSAWSP,L'OSAWSP,C'A'" Obsolete field name
52	(34)	SIGNED	4	OSAOSEHD	Head address for the OSEs BUILT IN QUEUE OSE ROUTINE
52	(34)	X'34'	0	OSDRSECH	"OSAOSEHD,L'OSAOSEHD,C'A'" Obsolete field name
56	(38)	ADDRESS	4	OSAOSCHN	Address of chain field
56	(38)	X'38'	0	OSDRSEND	"OSAOSCHN,L'OSAOSCHN,C'A'" Obsolete field name
60	(3C)	SIGNED	4	OSAJDSNT	JDS note (locator) field
60	(3C)	X'3C'	0	OSDRJDSN	"OSAJDSNT,L'OSAJDSNT,C'F'" Obsolete field name
64	(40)	SIGNED	4	OSASV13	SAVE AREA FOR REGISTER R13 0681

Table 552. Structure IATODDR (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
68	(44)	SIGNED	4	OSAJDSCT	Count of JDS entries PROCESSED THAT USED 0259 DYNAMIC OUTPUT 0259
68	(44)	X'44'	0	OSDRJDSC	"OSAJDSCT,L'OSAJDSCT,C'F'" Obsolete field name
72	(48)	SIGNED	2	OSAJDSBL	Low JDS buffer number for 07405SXC data sets with new OSEs 07405SXA
74	(4A)	SIGNED	2	OSAJDSBH	High JDS buffer number for 07405SXA data sets with new OSEs 07405SXA
76	(4C)	ADDRESS	4	OSAOSEWT	Address of the first FDB in OSE CHAIN THAT REQUIRES A WRITE. USED BY IATOSDR.
76	(4C)	X'4C'	0	OSDROSEW	"OSAOSEWT,L'OSAOSEWT,C'A'" Obsolete field name
		When an error occurs writing an OSE to spool, the IATERCV routine in module IATDMNC is called to correct the chaining of the OSE records. The data starting at OSAOSEFD is passed in to the routine. IATERCV expects an FDB, the sequence number of the previous spool record, the SRF record id, and (if the SRF in question contains a four-byte sequence number) the offset from SRFSTART to the four-byte sequence number field. The four bytes after the OSE FDBs below keep track of the previous OSE sequence number in case IATERCV has to be called.			
80	(50)	SIGNED	4	(0)	WORD ALIGNMENT
80	(50)	BITSTRING	12	OSAFDBFP	FDB for FRPs
92	(5C)	SIGNED	4	OSADEVNO	Device number (destination) 07405SXC
92	(5C)	X'50'	0	OSDRFDBP	"OSAFDBFP,12,C'X'" OBSOLETE FIELD NAME
96	(60)	BITSTRING	12	OSAOSEFD	OSE FDB
108	(6C)	SIGNED	4	OSAOSESQ	Previous OSE sequence no.
108	(6C)	X'60'	0	OSDROSEC	"OSAOSEFD,12,C'X'" OBSOLETE FIELD NAME
108	(6C)	X'6C'	0	OSDROSES	"OSAOSESQ,L'OSAOSESQ,C'F'" Obsolete field name
108	(6C)	X'10'	0	OSAFSLEN	"*-OSAOSEFD" Length of FDB and sequence number
108	(6C)	X'10'	0	OSDRFSLN	"OSAFSLEN,1,C'F'" Obsolete field name
112	(70)	CHARACTER	4		SPOOL RECORD ID FOR IATXERCV
116	(74)	ADDRESS	2		Offset to OSECNT4
118	(76)	SIGNED	2	OSARSVS8	Reserved for IBM 12190S5A
120	(78)	BITSTRING	12	OSAFDBS	OSE chain FDB and sequence
132	(84)	SIGNED	4	OSASEQSV	... number save area
132	(84)	X'78'	0	OSDRFDBS	"OSAFDBS,12,C'X'" OBSOLETE FIELD NAME
132	(84)	X'84'	0	OSDRSEQS	"OSASEQSV,L'OSASEQSV,C'F'" Obsolete field name
136	(88)	BITSTRING	12	OSAFDBPR	Save FDB for previous OSE
148	(94)	BITSTRING	1	OSAFDBUP	FDB and sequence number
148	(94)	X'88'	0	OSDRFDBR	"OSAFDBPR,12,C'X'" OBSOLETE FIELD NAME
160	(A0)	SIGNED	4	OSASEQUP	... for next OSE
160	(A0)	X'94'	0	OSDRFDBU	"OSAFDBUP,12,C'X'" OBSOLETE FIELD NAME
160	(A0)	X'A0'	0	OSDRSEQU	"OSASEQUP,L'OSASEQUP,C'F'" Obsolete field name

Table 552. Structure IATODDR (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
164	(A4)	BITSTRING	1	OSAFDBPG	FDB for data set purge 0483
		THE FOLLOWING FIELD POINTS TO IATYOSW, WHICH 0 CONTAINS WORK OSE'S BUILT BY IATOSDO. 0			
192	(C0)	ADDRESS	4	OSAOSW	Address of IATYOSW (filled IN BY IATOSDR) 0483
192	(C0)	X'A4'	0	OSDRFDBT	"OSAFDBPG,28,C'X'" OBSOLETE FIELD NAME
192	(C0)	X'C0'	0	OSDROSW	"OSAOSW,L'OSAOSW,C'A'" Obsolete field name
196	(C4)	CHARACTER	8	OSAORG	Origin for networking
196	(C4)	X'C4'	0	OSDRORG	"OSAORG,L'OSAORG,C'C'" Obsolete field name
204	(CC)	CHARACTER	8	OSAACMN	ACMAIN name
204	(CC)	X'CC'	0	OSDRACMN	"OSAACMN,L'OSAACMN,C'C'" Obsolete field name
212	(D4)	CHARACTER	8	OSAJDVT	Name of the JDVT
212	(D4)	X'D4'	0	OSDRJDVT	"OSAJDVT,L'OSAJDVT,C'C'" Obsolete field name
220	(DC)	SIGNED	4	OSAQRETN	Queue routine return addr
220	(DC)	X'DC'	0	OSDRQRET	"OSAQRETN,L'OSAQRETN,C'F'" Obsolete field name
		NETWORKING SECONDARY DESTINATION			
224	(E0)	CHARACTER	8	OSAORG2	Secondary origin for networking
224	(E0)	X'E0'	0	OSDRORG2	"OSAORG2,L'OSAORG2,C'C'" Obsolete field name
		The following fields are used in module IATOSDR for ENF signalling processing.			
232	(E8)	BITSTRING	80	OSACTOKN	CTOKEN
312	(138)	BITSTRING	1	OSANCTKN	New CTOKEN for Token Change
312	(138)	X'E8'	0	OSDRCTKN	"OSACTOKN,80,C'X'" OBSOLETE FIELD NAME
		,OSAXOSEN IATXOSEN MF=L $SK = ENF58CK HJS7708 020916 ID1RS: z 1.5.0 IATXOSEN MF=L			
392	(188)	SIGNED	4	OSAXOSEN(0)	List form
392	(188)	ADDRESS	4		CTOKEN address
396	(18C)	ADDRESS	4		New client token address
400	(190)	ADDRESS	4		Address of system hold reason
404	(194)	ADDRESS	4		Address of reason text
408	(198)	ADDRESS	4		Address of checkpoint data
408	(198)	X'138'	0	OSDRNCTK	"OSANCTKN,80,C'X'" OBSOLETE FIELD NAME
408	(198)	X'188'	0	OSDROSEN	"OSAXOSEN,L'OSAXOSEN,C'X'" Obsolete field name
412	(19C)	BITSTRING	1	OSANJEF1	NJE flag byte 1
412	(19C)	X'19C'	0	OSDRNJE1	"OSANJEF1,L'OSANJEF1,C'X'" Obsolete field name

Table 552. Structure IATODDR (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		Definition of OSANJEF1			
		1...		OSANJEPR	"X'80'" OSE networking print flag
		.1..		OSANJEPU	"X'40'" OSE networking punch flag
		...1		OSABSCOR	"X'10'" Job origin is for BSC/NJE
		.... 1...		OSASNAOR	"X'08'" Job origin is for SNA/NJE
		.... .1..		OSANJEOP	"X'04'" Network sysout stream
		.... ..1.		OSANJEJB	"X'02'" Network job stream
		1		OSASNA	"X'01'" SNA/NJE output exists 4 job
412	(19C)	X'80'	0	OSDRNJPR	"OSANJEPR" Obsolete bit definition
412	(19C)	X'40'	0	OSDRNJPU	"OSANJEPU" Obsolete bit definition
412	(19C)	X'10'	0	OSDRNJEO	"OSABSCOR" Obsolete bit definition
412	(19C)	X'8'	0	OSDRSNAO	"OSASNAOR" Obsolete bit definition
412	(19C)	X'4'	0	OSDRNJOP	"OSANJEOP" Obsolete bit definition
412	(19C)	X'2'	0	OSDRNJEJ	"OSANJEJB" Obsolete bit definition
412	(19C)	X'1'	0	OSDRSNA	"OSASNA" Obsolete bit definition
413	(19D)	BITSTRING	1	OSANJEF2	NJE flag byte 2
413	(19D)	X'19D'	0	OSDRNJE2	"OSANJEF2,L'OSANJEF2,C'X'" Obsolete field name
		Definition of OSANJEF2			
		1...		OSATCPOR	"X'80'" Job origin is for TCP/NJE
		.1..		OSATCPWK	"X'40'" TCP/NJE output exists 4 job
		..1.		OSANJ220	"X'20'" Reserved for IBM
		...1		OSANJ210	"X'10'" Reserved for IBM
		.... 1...		OSANJ208	"X'08'" Reserved for IBM
		.... .1..		OSANJ204	"X'04'" Reserved for IBM
		.... ..1.		OSANJ202	"X'02'" Reserved for IBM
		1		OSANJ201	"X'01'" Reserved for IBM
413	(19D)	X'80'	0	OSDRTCPO	"OSATCPOR" Obsolete bit definition
413	(19D)	X'40'	0	OSDRTCP	"OSATCPWK" Obsolete bit definition
414	(19E)	SIGNED	2	OSAD2OFF	Offset of JDODEST2 from the JDO entry currently being processed by BUILDOSE
416	(1A0)	CHARACTER	80	OSAJOBCD	JOB statement
416	(1A0)	X'1A0'	0	OSAJOBJB	"OSAJOBCD,14" JOB statement w/o blanks
416	(1A0)	X'1A2'	0	OSAJNAM	"OSAJOBCD+2,7" Job name
416	(1A0)	X'1A0'	0	OSDRJBCD	"OSAJOBCD,L'OSAJOBCD,C'C'" Obsolete field name
416	(1A0)	X'1A0'	0	OSDRJBJB	"OSAJOBJB,L'OSAJOBJB,C'C'" Obsolete field name
416	(1A0)	X'1A2'	0	OSDRNAM	"OSAJNAM,L'OSAJNAM,C'C'" Obsolete field name
		OSABFLAG defines the type of OSE that was built in the OSDOBOSE routine. OSABFLAG will be set by REGISTER 5 IN OSDOBOSE. REGISTER 5 WILL CONTAIN EITHER THE VALUE OF JDSPRINT OR JDSPUNCH. IT IS ADVISED THAT THIS BYTE IS NOT USED FOR ANYTHING ELSE.			
496	(1F0)	BITSTRING	1	OSABFLAG	OSE build flag

Table 552. Structure IATODDR (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
496	(1F0)	X'1F0'	0	OSDRBFLG	"OSABFLAG,L'OSABFLAG,C'X'" Obsolete field name
		DEFINITION OF OSRRBFLG EQU X'80' JDS PRINT TYPE DATASET EQU X'40' JDS PUNCH TYPE DATASET OSAFLAG1 is a control byte defining special PROCESSING FOR A PARTICULAR OSE.			
497	(1F1)	BITSTRING	1	OSAFLAG1	Flag byte
497	(1F1)	X'1F1'	0	OSDRFLAG	"OSAFLAG1,L'OSAFLAG1,C'X'" Obsolete field name
		Definition of OSAFLAG1			
		1...		OSDRJDSP	"X'80'" JDS PUT REQUIRED
		.1..		OSDRWOSE	"X'40'" INDICATE WRITE OSE BUFFER 0503 STRUCTURE REQUIRED 0503
		..1.		OSDRMAJB	"X'20'" MIGRATION AID JOB
		...1		OSDRMAQ	"X'10'" MASTER OSE QUEUED
		.... 1...		OSDRQMOD	"X'08'" MULITIPLE OSE QUEUE IN PROG.
		.... .1..		OSDRSPN	"X'04'" SPINOFF RQ PROCESSING
		.... ..1.		OSDRCPZE	"X'02'" OSE BUILT WITH COPIES EQ 0
		1		OSDRCOSE	"X'01'" INDICATE CHANGED OSE 0503
		OSAERRFL is a control byte defining processing FOR A PARTICULAR OSE.			
498	(1F2)	BITSTRING	1	OSAERRFL	Error flags
498	(1F2)	X'1F2'	0	OSDRERFL	"OSAERRFL,L'OSAERRFL,C'X'" Obsolete field name
		Definition of OSAERRFL			
		1...		OSDROSEH	"X'80'" OSE QUEUE IS HELD
		.1..		OSDRNOWT	"X'40'" AUTO START WRITER INOP.
		..1.		OSDRFPPR	"X'20'" IN JESTAE FREEPOOL ROUTINE
		...1		OSDRRQH	"X'10'" RQ HELD BY OUTSERV FCT
		.... 1...		OSDRJMRH	"X'08'" JMR HELD BY OUTSERV FCT 0079
		.... .1..		OSDRJDOE	"X'04'" IN JESTAE OSDRJDOR ROUTINE 0079
		.... ..1.		OSDRSNAE	"X'02'" IN JESTAE OSBPRECV ROUTINE 0079
		1		OSDRXARQ	"X'01'" RQ access count incremented
		OSACTLRT defines the routine which is in error ON ENTRY TO OUTSERV'S JESTAE RECOVER PROCESSING.			
499	(1F3)	BITSTRING	1	OSACTLRT	Routine in control
499	(1F3)	X'1F3'	0	OSDRCTRT	"OSACTLRT,L'OSACTLRT,C'X'" Obsolete field name
		DEFINITION OF OSACTLRT			
		1...		OSDRCTDV	"X'80'" DRIVER IN CONTROL
		.1..		OSDRCTFM	"X'40'" OSDODPRC IN CONTROL
		..1.		OSDRCTBO	"X'20'" OSDOBOSE IN CONTROL

Table 552. Structure IATODDR (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		...1		OSDRCTQO	"X'10'" OSDOQOSE IN CONTROL
		.... 1...		OSDRCTSO	"X'08'" OSDRSOSE IN CONTROL
		.... .1..		OSDRCTRO	"X'04'" OSDOROUT IN CONTROL
		.... ..1.		OSDRCTBP	"X'02'" IATOSBP IN CONTROL 0079
		1		OSDRCTJS	"X'01'" OSDRJSTR IN CONTROL 0079
		OSACTLER defines the routines which had OUTSERV JESTAE processing. OSACTLER is defined with the same equates as OSACTLRT.			
500	(1F4)	BITSTRING	1	OSACTLER	Routines with error
500	(1F4)	X'1F4'	0	OSDRCTER	"OSACTLER,L'OSACTLER,C'X'" Obsolete field name
		DEFINITION OF OSAFLAG2			
501	(1F5)	BITSTRING	1	OSAFLAG2	Flag byte 2
501	(1F5)	X'1F5'	0	OSDRFLG2	"OSAFLAG2,L'OSAFLAG2,C'X'" Obsolete field name
		1...		OSDRNDON	"X'80'" NORMAL PROCESSING DONE 0054
		.1..		OSDRSDON	"X'40'" SPINOFF PROCESSING DONE 0054
		..1.		OSDRRDON	"X'20'" RESTART DONE FOR FCT 0054
		...1		OSDRSWTR	"X'10'" START WRITER OUTSERV FCT 0054
		.... 1...		OSDRUJCT	"X'08'" UPDATE JCT/POST BDCI NEEDED 0036 0054
		.... .1..		OSDRPCAN	"X'04'" SNA/NJE STREAM PREV CANCELLD0456
		.... ..1.		OSDRADD	"X'02'" ADD NEW OSE ENTRIES TO END 0681 OF OSE STRUCTURE 0681
		1		OSDR26UP	"X'01'" UPDATED SMF26 ON SPOOL 0298
502	(1F6)	SIGNED	2	OSAERSAV	Save area for dump code
502	(1F6)	X'1F6'	0	OSDRESAV	"OSAERSAV,L'OSAERSAV,C'H'" Obsolete field name
504	(1F8)	BITSTRING	1	OSAFLAG4	Flag byte 4
504	(1F8)	X'1F8'	0	OSDRFLG4	"OSAFLAG4,L'OSAFLAG4,C'X'" Obsolete field name
		Definition of OSAFLAG4			
		1...		OSDRCSBE	"X'80'" OSE CSBT EXISTS FOR JOB 0655
		.1..		OSDRCSBC	"X'40'" OSE CSBT CREATED ON CURRENT 0655 CALL TO OSDRSOSE 0655
		..1.		OSDRTCPP	"X'20'" NTTDR POST needed
		...1		OSDRTCPA	"X'10'" NTTDR available to post
		.... 1...		OSDFL408	"X'08'" Reserved for IBM 06599SVC
		.... .1..		OSDFL404	"X'04'" Reserved for IBM 06599SVC
		.... ..1.		OSDFL402	"X'02'" Reserved for IBM 06599SVC
		1		OSDFL401	"X'01'" Reserved for IBM 06599SVA
505	(1F9)	BITSTRING	1	OSAFLAG5	Flag byte
		Definition of OSAFLAG5			
		1...		OSARMVOS	"X'80'" Job removed from OUTSERV

Table 552. Structure IATODDR (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.1..		OSACSUP	"X'40'" CSBT update needed
		..1.		OSAFL520	"X'20'" Reserved for IBM
		...1		OSAFL510	"X'10'" Reserved for IBM
		.... 1...		OSAFL508	"X'08'" Reserved for IBM
		.... .1..		OSAFL504	"X'04'" Reserved for IBM
		.... ..1.		OSAFL502	"X'02'" Reserved for IBM
		1		OSAFL501	"X'01'" Reserved for IBM
506	(1FA)	SIGNED	2	OSARMLFT	Room left in SYSLOG buffer
508	(1FC)	BITSTRING	8	OSASTCKL	Low SYSLOG time stamp 12190S5A
516	(204)	BITSTRING	8	OSASTCKH	High SYSLOG time stamp 12190S5A
524	(20C)	BITSTRING	6	OSASYSPA	SYSLOG data set spool addr 12190S5C
530	(212)	BITSTRING	14	OSARSVS4	Reserved for IBM 12190S5A
		DATA AREA FOR IATOSDO OSAOFLG1 is used for miscellaneous processing. The FLAG IS ZEROED OUT WHEN ROUTINE OSDOROUT IS ENTERED.			
544	(220)	BITSTRING	1	OSAOFLG1	IATOSDO flag byte
544	(220)	X'220'	0	OSDOFLG1	"OSAOFLG1,L'OSAOFLG1,C'X'" Obsolete field name
		Definition of OSAOFLG1			
		1...		OSDOOSEM	"X'80'" OSE made for JDS entry with OUTPUT references (BUILDOSE routine)
		.1..		OSDOPMGV	"X'40'" PROCESS MODE USED ON THE OUTPUT STATEMENT
		..1.		OSDOOSED	"X'20'" OSEDEST HAS BEEN EXPLICITLY SPECIFIED AND IS NOT A DEFAULT
		...1		OSDOOSM2	"X'10'" OSE made for JDS entry with no OUTPUT references (OSDOBOSE routine)
		OSAJESDS is a control byte which handles processing FOR THE 'JESDS' KEYWORD ON THE OUTPUT STATEMENT.			
545	(221)	BITSTRING	1	OSAJESDS	Control for JESDS processing
545	(221)	X'221'	0	OSDJESDS	"OSAJESDS,L'OSAJESDS,C'X'" Obsolete field name
		Definition of OSAJESDS			
		1...		OSDJDALL	"X'80'" JESDS=ALL
		.1..		OSDJDJCL	"X'40'" JESDS=JCL, FOR JESJCL
		..1.		OSDJDLOG	"X'20'" JESDS=LOG, FOR JESMSGLG
		...1		OSDJDMSG	"X'10'" JESDS=MSG, FOR JESYSMSG
545	(221)	X'F0'	0	OSDJDGIV	"OSDJDALL+OSDJDJCL+OSDJDLOG+OSDJDMSG"
		OSATPCDE defines the type of merge desired.			
546	(222)	BITSTRING	1	OSATPCDE	Type of transfer desired
546	(222)	X'222'	0	OSDPTCDE	"OSATPCDE,L'OSATPCDE,C'X'" Obsolete field name
		Definition of OSATPCDE			

Table 552. Structure IATODDR (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
546	(222)	X'4'	0	OSDOFRPT	"4" FRP TRANSFERS REQUIRED
546	(222)	X'8'	0	OSDOJDOP	"8" JDO TRANSFERS REQUIRED
546	(222)	X'C'	0	OSDOSCTP	"12" SCT TRANSFERS REQUIRED
546	(222)	X'10'	0	OSDOJDSP	"16" JDS TRANSFERS REQUIRED
	OSADBLDO defines type of default OSE built.				
547	(223)	BITSTRING	1	OSADBLDO	OSE built with defaults
547	(223)	X'223'	0	OSDOBLDO	"OSADBLDO,L'OSADBLDO,C'X'" Obsolete field name
	Definition of OSADBLDO				
		1...		OSDOSTPB	"X'80'" OSE BUILT WITH STEP DEFAULTS
		.1..		OSDOJOBB	"X'40'" OSE BUILT WITH JOB DEFAULTS
548	(224)	BITSTRING	1	OSAJSRCH	Search value for JESDS proc
548	(224)	X'224'	0	OSDJSRCH	"OSAJSRCH,L'OSAJSRCH,C'X'" Obsolete field name
549	(225)	BITSTRING	1	OSAMODFL	Dataset characteristics CHANGED VIA MODIFY CMD
549	(225)	X'225'	0	OSDOMDFL	"OSAMODFL,L'OSAMODFL,C'X'" Obsolete field name
	Definition of OSAMODFL				
		1...		OSDOMWTR	"X'80'" WRITER MODIFIED ON MODIFY COMMAND
		.1..		OSDOMDST	"X'40'" DEST MODIFIED ON MODIFY COMMAND
		..1.		OSDOMFRM	"X'20'" FORMS MODIFIED ON MODIFY COMMAND
		...1		OSDOMPRY	"X'10'" PRIORITY MODIFIED ON MODIFY COMMAND
		.... 1...		OSDOMCPY	"X'08'" COPY COUNT MODIFIED ON MODIFY COMMAND
		.... .1..		OSDOM2DT	"X'04'" 2NDARY DEST MODIFIED ON MODIFY COMMAND
		.... ..1.		OSDOMRS1	"X'02'" RESERVED FOR SERVICE
		1		OSDOMRS2	"X'01'" RESERVED FOR SERVICE
550	(226)	SIGNED	2	OSAJDOSZ	Size of JDO control block
550	(226)	X'226'	0	OSDJDOSZ	"OSAJDOSZ,L'OSAJDOSZ,C'H'" Obsolete field name
552	(228)	CHARACTER	8	OSAWTRNM	Save area for external WRITER NAME
552	(228)	X'228'	0	OSDOWTRN	"OSAWTRNM,L'OSAWTRNM,C'C'" Obsolete field name
560	(230)	SIGNED	4	OSANOSB4	Number of OSE buffers IN-STORAGE IN SPOOL OSE RTN 0503
560	(230)	X'230'	0	OSDNOSB4	"OSANOSB4,L'OSANOSB4,C'F'" Obsolete field name
564	(234)	SIGNED	4	OSAEXOS4	Number of existing OSE buffers processed by SPOOL OSE routine
564	(234)	X'234'	0	OSDEXOS4	"OSAEXOS4,L'OSAEXOS4,C'F'" Obsolete field name
568	(238)	ADDRESS	4	OSAFDBSV	FDB address save area

Table 552. Structure IATODDR (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
568	(238)	X'238'	0	OSDFDBSV	"OSAFDBSV,L'OSAFDBSV,C'A'" Obsolete field name
572	(23C)	BITSTRING	32	OSADCFDB	Pointer to current DOI MRF
604	(25C)	BITSTRING	1	OSADSFDB	Pointer to saved DOI MRF
604	(25C)	X'23C'	0	OSDOCFDB	"OSADCFDB,32,C'X'" OBSOLETE FIELD NAME
636	(27C)	CHARACTER	8	OSASTPID	Saved APPC transaction id (if RQAPPC is on) or job id from the JSAB (otherwise)
636	(27C)	X'25C'	0	OSDOSFDB	"OSADSFDB,32,C'X'" OBSOLETE FIELD NAME
636	(27C)	X'27C'	0	OSDOTPID	"OSASTPID,L'OSASTPID,C'C'" Obsolete field name
644	(284)	BITSTRING	32	OSANJHFD	POINTER TO NJE JOB HDR MRF
676	(2A4)	SIGNED	4	OSAJDSA	JDS ADDRESS FOR UX19 0523
680	(2A8)	SIGNED	4	OSARQA	RQ ADDRESS FOR UX19 0523
684	(2AC)	CHARACTER	8	OSADNPRN	DEFAULT NJE PRINT NODE
692	(2B4)	CHARACTER	8	OSADNPRR	DEFAULT NJE PRINT REMOTE
700	(2BC)	CHARACTER	8	OSADNPUN	DEFAULT NJE PUNCH NODE
708	(2C4)	CHARACTER	8	OSADNPUR	DEFAULT NJE PUNCH REMOTE
		CHAIN POINTERS FOR THE JDO THE FOLLOWING POINTERS WILL ALLOW ACCESS TO THE JDO (JOB DATA SET OUTPUT VERB CONTROL BLOCK). THE JDO CONTAINS JDS OUTPUT TYPE ENTRIES.			
716	(2CC)	ADDRESS	4	OSACHST(0)	Start of pointers to JDO
716	(2CC)	X'2CC'	0	OSDCHST	"OSACHST,L'OSACHST,C'A'" Obsolete field name
716	(2CC)	ADDRESS	4	OSAHDJDO	Pointer to first JDO area
716	(2CC)	X'2CC'	0	OSDHDJDO	"OSAHDJDO,L'OSAHDJDO,C'A'" Obsolete field name
720	(2D0)	ADDRESS	4	OSACHALL	Chain pointer for all JDO
720	(2D0)	X'2D0'	0	OSDCHALL	"OSACHALL,L'OSACHALL,C'A'" Obsolete field name
724	(2D4)	ADDRESS	4	OSACHSTP	Chain pointer for step lev.
724	(2D4)	X'2D4'	0	OSDCHSTP	"OSACHSTP,L'OSACHSTP,C'A'" Obsolete field name
728	(2D8)	ADDRESS	4	OSACHJOB	Chain pointer for job level
728	(2D8)	X'2D8'	0	OSDCHJOB	"OSACHJOB,L'OSACHJOB,C'A'" Obsolete field name
732	(2DC)	ADDRESS	4	OSACHSEN	Pointer to end of step chain
732	(2DC)	X'2DC'	0	OSDCHSEN	"OSACHSEN,L'OSACHSEN,C'A'" Obsolete field name
736	(2E0)	ADDRESS	4	OSAPTJDO	Points to head of step/job
736	(2E0)	X'2E0'	0	OSDPTJDO	"OSAPTJDO,L'OSAPTJDO,C'A'" Obsolete field name
740	(2E4)	BITSTRING	1	OSDCHEND(0)	Obsolete field name
740	(2E4)	BITSTRING	1	OSACHEND(0)	End of pointers to JDO
		THE FOLLOWING STORAGE CONTAINS SAVED REGISTERS FOR SUBROUTINES USED IN IATOSDO/IATOSBP.			
740	(2E4)	BITSTRING	144	OSARSAVE(0)	SAVE AREAS FOR THE FOLLOWING

Table 552. Structure IATODDR (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
740	(2E4)	X'2E4'	0	OSDOSAVE	"OSARSAVE,L'OSARSAVE,C'X'" Obsolete field name
740	(2E4)	SIGNED	4	OSASAV01(12)	Routine SRCHSCT
740	(2E4)	X'2E4'	0	OSDOSV01	"OSASAV01,L'OSASAV01,C'F'" Obsolete field name
788	(314)	SIGNED	4	OSASAV02(12)	Routine FORDIRCT
788	(314)	X'314'	0	OSDOSV02	"OSASAV02,L'OSASAV02,C'F'" Obsolete field name
836	(344)	SIGNED	4	OSASAV03(12)	Routine JDODRVER
836	(344)	X'344'	0	OSDOSV03	"OSASAV03,L'OSASAV03,C'F'" Obsolete field name
884	(374)	SIGNED	4	OSASAV04(12)	Routine OUTDIRCT
884	(374)	X'374'	0	OSDOSV04	"OSASAV04,L'OSASAV04,C'F'" Obsolete field name
932	(3A4)	SIGNED	4	OSASAV05(12)	Routine OUTDEF
932	(3A4)	X'3A4'	0	OSDOSV05	"OSASAV05,L'OSASAV05,C'F'" Obsolete field name
980	(3D4)	SIGNED	4	OSASAV06(12)	Routine JESDSDRV
980	(3D4)	X'3D4'	0	OSDOSV06	"OSASAV06,L'OSASAV06,C'F'" Obsolete field name
1028	(404)	SIGNED	4	OSASAV07(12)	Routine JESDSCDE
1028	(404)	X'404'	0	OSDOSV07	"OSASAV07,L'OSASAV07,C'F'" Obsolete field name
1076	(434)	SIGNED	4	OSASAV08(12)	Routine OSDOPUT
1076	(434)	X'434'	0	OSDOSV08	"OSASAV08,L'OSASAV08,C'F'" Obsolete field name
1124	(464)	SIGNED	4	OSASAV09(12)	Routine OSDOQOSE
1124	(464)	X'464'	0	OSDOSV09	"OSASAV09,L'OSASAV09,C'F'" Obsolete field name
1172	(494)	SIGNED	4	OSASAV10(12)	Routine HELDOSE
1172	(494)	X'494'	0	OSDOSV10	"OSASAV10,L'OSASAV10,C'F'" Obsolete field name
1220	(4C4)	SIGNED	4	OSASAV11(12)	Routine BUILDOSE/IATOSDO
1220	(4C4)	X'4C4'	0	OSDOSV11	"OSASAV11,L'OSASAV11,C'F'" Obsolete field name
1268	(4F4)	SIGNED	4	OSASAV12(12)	Routine BUILDOSE/IATOSBP
1268	(4F4)	X'4F4'	0	OSDOSV12	"OSASAV12,L'OSASAV12,C'F'" Obsolete field name
OSAOFLG2 is used for miscellaneous processing. The flag is zeroed out when IATOSDO is given control.					
1316	(524)	BITSTRING	1	OSAOFLG2	IATOSDO flag byte 2
1316	(524)	X'524'	0	OSDOFLG2	"OSAOFLG2,L'OSAOFLG2,C'X'" Obsolete field name
Definition of OSAOFLG2					
		1...		OSDOFRP	"X'80'" Job contains an FRP(s)
		.1..		OSDODSPA	"X'40'" Use OUTDISP abnormal disposition
		..1.		OSFLG220	"X'20'" Reserved for IBM
		...1		OSFLG210	"X'10'" Reserved for IBM
		.... 1...		OSFLG208	"X'08'" Reserved for IBM

Table 552. Structure IATODDR (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... .1..		OSFLG204	"X'04'" Reserved for IBM
		.... ..1.		OSFLG202	"X'02'" Reserved for IBM
		1		OSFLG201	"X'01'" Reserved for IBM
1317	(525)	BITSTRING	3	OSARSVS1	Reserved for development
1320	(528)	SIGNED	4	OSARSVS2	RESERVED FOR SERVICE 0055
1324	(52C)	SIGNED	4	OSARSVS3(2)	RESERVED FOR DEVELOPMENT 0055
		Data Area for IATOSBP (SNA/TCP NJE Processing)			
1332	(534)	ADDRESS	4	OSAPWA1	POINTER TO WORK AREA 1
1332	(534)	X'534'	0	OSAPNWR	"OSAPWA1" POINTER TO IATYNWR AREA
1336	(538)	ADDRESS	4	OSAPWA2	POINTER TO WORK AREA 2 0145
1336	(538)	X'538'	0	OSAPNJH	"OSAPWA2" POINTER TO IATYNJH AREA
1340	(53C)	ADDRESS	4	OSAPWA3	POINTER TO WORK AREA 3
1340	(53C)	X'53C'	0	OSAPNJT	"OSAPWA3" POINTER TO IATYNJT AREA
1340	(53C)	X'53C'	0	OSAPNDH	"OSAPWA3" POINTER TO IATYNDH AREA 0145
1344	(540)	ADDRESS	4	OSAPWA4	POINTER TO WORK AREA 4
1344	(540)	X'540'	0	OSAPSEC	"OSAPWA4" POINTER TO SECURITY CHECK CONTROL BLOCK
1348	(544)	ADDRESS	4	OSANTHT	ADDRESS OF IATNTHT
1352	(548)	ADDRESS	4	OSANTDH	ADDRESS OF IATNTDH
1356	(54C)	ADDRESS	4	OSAOSBP	ADDRESS OF IATOSBP
1360	(550)	ADDRESS	4	OSAOSDOQ	ADDRESS OF OSDOQOSE (IATOSDO)
		---------- 11470S3C In the comments below: (NWJ) - Indicates a field that applies to a network job (stream) (NWJ+) - Indicates a field that applies to a network job (stream) and is cumulative (NWO) Indicates a field that applies to a network OSE (JH, DSH, DS, and JT) (DS) - Indicates a data set level field Add the data set number here. It is currently only used 11470S3A for a SNA/NJE jobs so we can preserve the dataset number 11470S3A for the OSE that represents the actual dataset (not job 11470S3A header, job trailers, data set headers, etc..) 11470S3A ---------- 11470S3A			
1364	(554)	SIGNED	4	OSADSNUM	Dataset number (DS)
1368	(558)	DBL WORD	8	OSABGRPE	BDT GROUP ID IN CHARACTER
1376	(560)	DBL WORD	8	OSATIME	STCK binary clock value (NWJ)
1384	(568)	CHARACTER	8	OSASBGRP	SAVED BDT GROUP ID
1392	(570)	SIGNED	4	OSAOSEP	Pointer to SYSOUT OSE to process (DS)
1396	(574)	BITSTRING	8	OSABDTS	BDT/TCP search destination (NWJ)
1404	(57C)	BITSTRING	8	OSAOSED	BDT/TCP OSE destination (NWO)
		THE FOLLOWING FIELDS ARE USED FOR NETWORKING JOB GROUPING. GROUP BY DESTINATION, USERID, security label, and TPID/JSAB job id.			
1412	(584)	BITSTRING	8	OSAUSRID	OSE USERID (NWJ)
1420	(58C)	BITSTRING	8	OSASECBL	OSE security label (NWJ)
1428	(594)	BITSTRING	8	OSATPID	OSE transaction program ID (if RQAPPC is on) or job id from the JSAB (otherwise) (NWJ)

Table 552. Structure IATODDR (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1436	(59C)	BITSTRING	6	OSAFDBP	FDB pointer to JH/DSH/JT (NWO)
1442	(5A2)	SIGNED	2	OSASEQNO	JDS SEQUENCE NUMBER (existing DSH)
1444	(5A4)	BITSTRING	1	OSAOTSWB	DOI FDB (NWO)
		THIS FLAG IS USED AS INPUT TO THE IATOSBP SUBROUTINE BUILDOSE TO INDICATE WHAT TYPE OF BDT/TCP OSE to build.			
1476	(5C4)	BITSTRING	1	OSANJE1	FLAG BYTE
		DEFINITION OF OSANJE1			
		1...		OSAJH	"X'80'" Build JH BDT/TCP OSE
		.1..		OSADSH	"X'40'" Build DSH BDT/TCP OSE
		..1.		OSAJT	"X'20'" Build JT BDT/TCP OSE
		...1		OSADS	"X'10'" Build Dataset BDT/TCP OSE
		.... 1...		OSADSISO	"X'08'" INDICATE DSISO TYPE OSE
		.... .1..		OSAASA	"X'04'" ASA CONTROL CHARACTER 0327
		.... ..1.		OSAMCH	"X'02'" MACHINE CONTROL CHARACTER 0327
1476	(5C4)	X'1'	0	OSADSENF	"x'01'" SAPI Requested ENFs for this data set
1477	(5C5)	BITSTRING	1	OSANJE2	FLAG BYTE 0421
		DEFINITION OF OSANJE2 0			
		1...		OSAHOLD	"X'80'" Data set is held (DS)
		.1..		OSAXSPDS	"X'40'" Xmission stream has spinoff (NWJ)
		..1.		OSAJHNEW	"X'20'" OSBP IS REBUILDING JOB 0090 HEADER DUE TO USERID CHG 0090
		...1		OSASPNJN	"X'10'" Network job has spinoff job name (NWJ)
		.... 1...		OSATCP	"X'08'" TCP work under process in IATOSBP
		.... .1..		OSABDT	"X'04'" BDT work under process in IATOSBP
		.... ..1.		OSABFENF	"X'02'" Token change ENF signal is needed for this data set (DS)
		1		OSACTKN	"X'01'" Allocation token exists for this data set (DS) 0421
1478	(5C6)	BITSTRING	1	OSADSHNO	Dataset header index no. (DS)
1479	(5C7)	BITSTRING	1	OSAOSVS2	RESERVED FOR SERVICE
1480	(5C8)	BITSTRING	4	OSAOSVU2	RESERVED FOR USER
1484	(5CC)	BITSTRING	1	OSAHTYP	Data set hold type (NWJ)
1485	(5CD)	BITSTRING	1	OSAHRSN	Data set hold reason (NWJ)
1486	(5CE)	BITSTRING	8	OSAHMID	FSS/FSA RELDS message id (NWJ)
1494	(5D6)	BITSTRING	6	OSAXDOTG(0)	X.G for SLOTLOC call
1494	(5D6)	BITSTRING	2	OSA_X	X portion
1496	(5D8)	BITSTRING	4	OSA_G	G portion
1500	(5DC)	SIGNED	4	OSADSLIN	Data set line count (DS)
1504	(5E0)	SIGNED	4	OSADSPAG	Data set page count (DS)
1508	(5E4)	SIGNED	4	OSADSREC	Data set record count (DS)

Table 552. Structure IATODDR (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1512	(5E8)	SIGNED	4	OSADSBYT	Data set byte count (DS) - the byte count contained here is a count of the number of spool buffers used and must be multiplied with the contents of field SIZEBUF to obtain the byte count
1516	(5EC)	SIGNED	4	OSAXLNCT	Transmission line count (NWJ+)
1520	(5F0)	SIGNED	4	OSAXPGCT	Transmission page count (NWJ+)
1524	(5F4)	SIGNED	4	OSAXRCCT	Transmission record count (NWJ+)
1528	(5F8)	SIGNED	4	OSAXBYCT	Transmission byte count - the byte count contained here is a count of the number of spool buffers used and must be multiplied with the contents of field SIZEBUF to obtain the byte count (NWJ+)
1532	(5FC)	SIGNED	2	OSADSCNT	Transmission data set count (NWJ+)
1534	(5FE)	BITSTRING	1	OSAPRTY	OSE priority (DS)
1535	(5FF)	BITSTRING	1	OSAXPRTY	Transmission priority (NWJ+)
1536	(600)	SIGNED	4	OSAJBTNO	Owning job or DSP number for header/ trailer
1540	(604)	SIGNED	4	OSARSVS6	RESERVED FOR SERVICE 0055
1544	(608)	CHARACTER	8	OSAJDSJN	Job name from JDS (NWJ)
The following fields are used to update ONLY the dataset (DS) OSE for a BDT/TCP stream.					
1552	(610)	CHARACTER	8	OSAFORMS	Forms
1560	(618)	CHARACTER	8	OSACARR	Carriage tape
1568	(620)	CHARACTER	8	OSADSID	Dataset identifier
1576	(628)	CHARACTER	8	OSAMODE	Process mode
1584	(630)	CHARACTER	4	OSAUCS	UCS id
1588	(634)	CHARACTER	4	OSAMODID	Copy modification id
1588	(634)	X'4'	0	OSANCHAR	"4" Number of Char translate ids
1592	(638)	CHARACTER	4	OSACHARS(0)	Chars
1608	(648)	CHARACTER	1	OSASTACK	Stacker
1609	(649)	CHARACTER	1	OSACLASS	Class
1610	(64A)	CHARACTER	1	OSAMODRC	Copy mod ref char
1616	(650)	DBL WORD	8	(0)	
1616	(650)	BITSTRING	114	OSYUX66	IATYUX66 parameter area (NWJ)
1730	(6C2)	BITSTRING	94	OSAYUX72	IATUX72 Parameter List
1824	(720)	SIGNED	4	OSARSVD1	Reserved for IBM 07405SXC
1828	(724)	SIGNED	4	OSASAVE1(4)	Reg save area for OSDRDUPC 07405SXA
1848	(738)	DBL WORD	8	OSATGRPE	TCP group id in character
1856	(740)	CHARACTER	8	OSASTGRP	Saved TCP group id
1864	(748)	BITSTRING	8	OSARSVD3	Reserved for IBM
1872	(750)	SIGNED	4	OSASAVEB(2)	Save mainline base registers
1880	(758)	SIGNED	4	OSASAVER	Save return address
1884	(75C)	ADDRESS	4	OSAMSGA	Message storage area 06599SVC
1888	(760)	ADDRESS	4	OSATMPSV	Temporary save area 06599SVC
1892	(764)	SIGNED	4	OSARSVD2(5)	Reserved for IBM 06599SVC
1912	(778)	BITSTRING	1	OSAEND(0)	END OF OSA DATA AREA

Table 552. Structure IATODDR (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1912	(778)	BITSTRING	0	OSASIZE(0)	SIZE OF OSA DATA AREA

Table 553. Cross Reference for IATYOSA

Name	Offset	Hex Tag
IATODDR	0	
OSA_G	5D8	0
OSA_X	5D6	0
OSAACMN	CC	40404040
OSAASA	5C4	4
OSABDT	5C5	4
OSABDTS	574	0
OSABFENF	5C5	2
OSABFLAG	1F0	0
OSABGRPE	558	0
OSABSCOR	19C	10
OSACARR	618	40404040
OSACHALL	2D0	
OSACHARS	638	40404040
OSACHEND	2E4	
OSACHJOB	2D8	
OSACHSEN	2DC	
OSACHST	2CC	
OSACHSTP	2D4	
OSACLASS	649	40
OSACSUP	1F9	40
OSACTKN	5C5	1
OSACTLER	1F4	0
OSACTLRT	1F3	0
OSACTOKN	E8	0
OSADBLDO	223	0
OSADCFDB	23C	
OSADEVNO	5C	0
OSADNPRN	2AC	40404040
OSADNPRR	2B4	40404040
OSADNPUN	2BC	40404040
OSADNPUR	2C4	40404040
OSADS	5C4	10
OSADSBYT	5E8	0
OSADSCNT	5FC	0
OSADSENF	5C4	1
OSADSFDB	25C	
OSADSH	5C4	40
OSADSHNO	5C6	0
OSADSID	620	40404040
OSADSISO	5C4	8

Table 553. Cross Reference for IATYOSA (continued)

Name	Offset	Hex Tag
OSADSLIN	5DC	0
OSADSNUM	554	0
OSADSPAG	5E0	0
OSADSREC	5E4	0
OSAD2OFF	19E	
OSAEND	778	
OSAERRFL	1F2	0
OSAERSAV	1F6	0
OSAEXOS4	234	0
OSAFDBFP	50	0
OSAFDBP	59C	0
OSAFDBPG	A4	0
OSAFDBPR	88	0
OSAFDBS	78	0
OSAFDBSV	238	
OSAFDBUP	94	0
OSAFLAG1	1F1	0
OSAFLAG2	1F5	0
OSAFLAG4	1F8	0
OSAFLAG5	1F9	0
OSAFL501	1F9	1
OSAFL502	1F9	2
OSAFL504	1F9	4
OSAFL508	1F9	8
OSAFL510	1F9	10
OSAFL520	1F9	20
OSAFORMS	610	40404040
OSAFSLEN	6C	10
OSAHDJDO	2CC	
OSAHMID	5CE	0
OSAHOLD	5C5	80
OSAHRSN	5CD	0
OSAHTYP	5CC	0
OSAJBTNO	600	0
OSAJDOSZ	226	1000
OSAJDSA	2A4	0
OSAJDSBH	4A	0
OSAJDSBL	48	0
OSAJDSCT	44	0
OSAJDSJN	608	40404040
OSAJDSNT	3C	0
OSAJDVT	D4	40404040
OSAJESDS	221	0
OSAJH	5C4	80
OSAJHNEW	5C5	20
OSAJNAM	1A0	1A2

Table 553. Cross Reference for IATYOSA (continued)

Name	Offset	Hex Tag
OSAJOBCD	1A0	6161D6E4
OSAJOBJB	1A0	1A0
OSAJSRCH	224	0
OSAJT	5C4	20
OSAMCH	5C4	2
OSAMODE	628	40404040
OSAMODFL	225	0
OSAMODID	634	40404040
OSAMODRC	64A	40
OSAMSGA	75C	
OSANCHAR	634	4
OSANCTKN	138	0
OSANJEF1	19C	0
OSANJEF2	19D	0
OSANJEJB	19C	2
OSANJEOP	19C	4
OSANJEPR	19C	80
OSANJEPU	19C	40
OSANJE1	5C4	0
OSANJE2	5C5	0
OSANJHFD	284	
OSANJ201	19D	1
OSANJ202	19D	2
OSANJ204	19D	4
OSANJ208	19D	8
OSANJ210	19D	10
OSANJ220	19D	20
OSANOSB4	230	0
OSANTDH	548	
OSANTHT	544	
OSAOFLG1	220	0
OSAOFLG2	524	0
OSAORG	C4	40404040
OSAORG2	E0	40404040
OSAOSBP	54C	
OSAOSCHN	38	
OSAOSDOQ	550	
OSAOSDR	24	1
OSAOSED	57C	0
OSAOSEFD	60	0
OSAOSEHD	34	0
OSAOSEP	570	0
OSAOSESQ	6C	0
OSAOSEWT	4C	
OSAOSVS2	5C7	0
OSAOSVU2	5C8	0

Table 553. Cross Reference for IATYOSA (continued)

Name	Offset	Hex Tag
OSAOSW	C0	
OSAOTSWB	5A4	
OSAPNDH	53C	53C
OSAPNJH	538	538
OSAPNJT	53C	53C
OSAPNWR	534	534
OSAPOOLA	2C	
OSAPRTY	5FE	0
OSAPSEC	540	540
OSAPTJDO	2E0	
OSAPWA1	534	
OSAPWA2	538	
OSAPWA3	53C	
OSAPWA4	540	
OSAQRETN	DC	0
OSARETRY	28	
OSARMLFT	1FA	0
OSARMVOS	1F9	80
OSARQA	2A8	0
OSARSAVE	2E4	
OSARSVD1	720	0
OSARSVD2	764	0
OSARSVD3	748	0
OSARSVS1	525	0
OSARSVS2	528	0
OSARSVS3	52C	0
OSARSVS4	212	
OSARSVS6	604	0
OSARSVS7	26	0
OSARSVS8	76	0
OSASAVEB	750	0
OSASAVER	758	0
OSASAVE1	724	0
OSASAV01	2E4	0
OSASAV02	314	0
OSASAV03	344	0
OSASAV04	374	0
OSASAV05	3A4	0
OSASAV06	3D4	0
OSASAV07	404	0
OSASAV08	434	0
OSASAV09	464	0
OSASAV10	494	0
OSASAV11	4C4	0
OSASAV12	4F4	0
OSASBGRP	568	40404040

Table 553. Cross Reference for IATYOSA (continued)

Name	Offset	Hex Tag
OSASECBL	58C	0
OSASEQNO	5A2	0
OSASEQSV	84	0
OSASEQUP	A0	0
OSASIZE	778	
OSASNA	19C	1
OSASNAOR	19C	8
OSASPNJN	5C5	10
OSASTACK	648	40
OSASTART	0	
OSASTCKH	204	0
OSASTCKL	1FC	0
OSASTGRP	740	40404040
OSASTPID	27C	40404040
OSASV13	40	0
OSASYSPA	20C	
OSATCP	5C5	8
OSATCPOR	19D	80
OSATCPWK	19D	40
OSATGRPE	738	0
OSATIME	560	0
OSATMPSV	760	
OSATPCDE	222	0
OSATPID	594	0
OSAUCS	630	40404040
OSAUSRID	584	0
OSAWSP	30	
OSAWTRNM	228	40404040
OSAXBYCT	5F8	0
OSAXDOTG	5D6	
OSAXLNCT	5EC	0
OSAXOSEN	188	
OSAXPGCT	5F0	0
OSAXPRTY	5FF	0
OSAXRCCT	5F4	0
OSAXSPDS	5C5	40
OSAYUX72	6C2	
OSDCHALL	2D0	2D0
OSDCHEND	2E4	
OSDCHJOB	2D8	2D8
OSDCHSEN	2DC	2DC
OSDCHST	2CC	2CC
OSDCHSTP	2D4	2D4
OSDEXOS4	234	234
OSDFDBSV	238	238
OSDFL401	1F8	1

Table 553. Cross Reference for IATYOSA (continued)

Name	Offset	Hex Tag
OSDFL402	1F8	2
OSDFL404	1F8	4
OSDFL408	1F8	8
OSDHDJDO	2CC	2CC
OSDJDALL	221	80
OSDJDGIV	221	F0
OSDJDJCL	221	40
OSDJDLOG	221	20
OSDJDMSG	221	10
OSDJDOSZ	226	226
OSDJESDS	221	221
OSDJSRCH	224	224
OSDNOSB4	230	230
OSDOBLDO	223	223
OSDOCFDB	25C	23C
OSDODSPA	524	40
OSDOFLG1	220	220
OSDOFLG2	524	524
OSDOFRP	524	80
OSDOFRPT	222	4
OSDOJDOP	222	8
OSDOJDSP	222	10
OSDOJOBB	223	40
OSDOMCPY	225	8
OSDOMDFL	225	225
OSDOMDST	225	40
OSDOMFRM	225	20
OSDOMPRY	225	10
OSDOMRS1	225	2
OSDOMRS2	225	1
OSDOMWTR	225	80
OSDOM2DT	225	4
OSDOOSED	220	20
OSDOOSEM	220	80
OSDOOSM2	220	10
OSDOPMGV	220	40
OSDOSAVE	2E4	2E4
OSDOSCTP	222	C
OSDOSDR	24	24
OSDOSFDB	27C	25C
OSDOSTPB	223	80
OSDOSV01	2E4	2E4
OSDOSV02	314	314
OSDOSV03	344	344
OSDOSV04	374	374
OSDOSV05	3A4	3A4

Table 553. Cross Reference for IATYOSA (continued)

Name	Offset	Hex Tag
OSDOSV06	3D4	3D4
OSDOSV07	404	404
OSDOSV08	434	434
OSDOSV09	464	464
OSDOSV10	494	494
OSDOSV11	4C4	4C4
OSDOSV12	4F4	4F4
OSDOTPID	27C	27C
OSDOWTRN	228	228
OSDPTCDE	222	222
OSDPTJDO	2E0	2E0
OSDRACMN	CC	CC
OSDRADD	1F5	2
OSDRBFLG	1F0	1F0
OSDRCOSE	1F1	1
OSDRCPZE	1F1	2
OSDRCSBC	1F8	40
OSDRCSBE	1F8	80
OSDRCTBO	1F3	20
OSDRCTBP	1F3	2
OSDRCTDV	1F3	80
OSDRCTER	1F4	1F4
OSDRCTFM	1F3	40
OSDRCTJS	1F3	1
OSDRCTKN	138	E8
OSDRCTQO	1F3	10
OSDRCTRO	1F3	4
OSDRCTRT	1F3	1F3
OSDRCTSO	1F3	8
OSDRERFL	1F2	1F2
OSDRESAV	1F6	1F6
OSDRETRY	28	28
OSDRFDBP	5C	50
OSDRFDBR	94	88
OSDRFDBS	84	78
OSDRFDBT	C0	A4
OSDRFDBU	A0	94
OSDRFLAG	1F1	1F1
OSDRFLG2	1F5	1F5
OSDRFLG4	1F8	1F8
OSDRFPPR	1F2	20
OSDRFSLN	6C	10
OSDRJBCD	1A0	1A0
OSDRJBJB	1A0	1A0
OSDRJDOE	1F2	4
OSDRJDSC	44	44

Table 553. Cross Reference for IATYOSA (continued)

Name	Offset	Hex Tag
OSDRJDSN	3C	3C
OSDRJDSP	1F1	80
OSDRJDVT	D4	D4
OSDRJMRH	1F2	8
OSDRMAJB	1F1	20
OSDRMAQ	1F1	10
OSDRNAM	1A0	1A2
OSDRNCTK	198	138
OSDRNDON	1F5	80
OSDRNJEJ	19C	2
OSDRNJEO	19C	10
OSDRNJE1	19C	19C
OSDRNJE2	19D	19D
OSDRNJOP	19C	4
OSDRNJPR	19C	80
OSDRNJPU	19C	40
OSDRNOWT	1F2	40
OSDRORG	C4	C4
OSDRORG2	E0	E0
OSDROSEC	6C	60
OSDROSEH	1F2	80
OSDROSEN	198	188
OSDROSES	6C	6C
OSDROSEW	4C	4C
OSDROSW	C0	C0
OSDRPCAN	1F5	4
OSDRPOOL	2C	2C
OSDRQMOD	1F1	8
OSDRQRET	DC	DC
OSDRRDON	1F5	20
OSDRRQH	1F2	10
OSDRSDON	1F5	40
OSDRSECH	34	34
OSDRSEND	38	38
OSDRSEQS	84	84
OSDRSEQU	A0	A0
OSDRSNA	19C	1
OSDRSNAE	1F2	2
OSDRSNAO	19C	8
OSDRSPN	1F1	4
OSDRSWTR	1F5	10
OSDRTCP	19D	40
OSDRTCPA	1F8	10
OSDRTCPO	19D	80
OSDRTCPP	1F8	20
OSDRUJCT	1F5	8

Table 553. Cross Reference for IATYOSA (continued)

Name	Offset	Hex Tag
OSDRWOSE	1F1	40
OSDRXARQ	1F2	1
OSDRYWSP	30	30
OSDR26UP	1F5	1
OSFLG201	524	1
OSFLG202	524	2
OSFLG204	524	4
OSFLG208	524	8
OSFLG210	524	10
OSFLG220	524	20
OSYUX66	650	

IATYOSB information

IATYOSB programming interface information

IATYOSB is a programming interface.

IATYOSB heading information

Common name: Output Service BDT/TCP Parameter List and IATOSBM work area.

Macro ID: IATYOSB

DSECT name: OSBSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: OSB
Offset: 0
Length: 4

Storage attributes: Subpool: 0
Key: 1
Residency: ANY

Size: 136 Bytes

Created by: IATBDCI
IATNTTDR (TCP/IP driver)
IATOSBM

Pointed to by: BDCIPRML (IN IATBDCI)
TCPPRML (in IATYTCP)

Serialization: None

Function: THIS AREA MAPS THE PARAMETER LIST USED TO COMMUNICATE WITH THE OUTPUT Service BDT/TCP Manager (IATOSBM). It is ALSO USED AS A WORK AREA BY IATOSBM.

IATYOSB mapping

Table 554. Structure OSBSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	OSBSTART	DSECT START OF OSB DATA AREA
0	(0)	CHARACTER	4	OSBID	PARAMETER LIST IDENTIFIER
4	(4)	ADDRESS	4	OSBTCPA	Address of TCP data area
8	(8)	CHARACTER	8	OSBTIME	STCK CLOCK VALUE
16	(10)	CHARACTER	8	OSBDEST	DESTINATION (FINAL)

Table 554. Structure OSBSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
24	(18)	CHARACTER	8	OSBPATH	NEXT DESTINATION (PATH)
32	(20)	CHARACTER	8	OSBGRPID	BDT/TCP group identifier
40	(28)	CHARACTER	8	OSBJOBNM	JOB NAME
48	(30)	CHARACTER	8	OSBJBID	JOB ID IN EBCDIC
56	(38)	CHARACTER	4	OSBJNUM	JOB NUMBER IN EBCDIC
60	(3C)	ADDRESS	4	OSBSECAD	IATYSEC DATA AREA POINTER
64	(40)	SIGNED	4	OSBJOBNO	Job number in binary
68	(44)	SIGNED	4	OSBJBDTN	JES3 BDT/TCP job number
72	(48)	SIGNED	4	OSBOSEB4	OSE buffer from the OSS
76	(4C)	SIGNED	4	OSBRQADR	RQ address for JESTAE
80	(50)	SIGNED	2	OSBRSVD3(3)	Reserved for IBM
86	(56)	SIGNED	2	OSBBDTNO	BDT job number
88	(58)	BITSTRING	2	OSBPRTYE	PRIORITY IN EBCDIC
90	(5A)	BITSTRING	1	OSBPRTY	PRIORITY IN BINARY
91	(5B)	BITSTRING	1	OSBRSVS1	RESERVED FOR SERVICE
		OSBBFLG1 IS A STATUS BYTE INDICATING THE TYPE OF NETWORK WORK FOUND. THE OSBBFLG1 FIELD IS CREATED FROM THE OSS FIELD OSSBFLG1. THE OSS FIELD OSSBFLG1 IS CREATED FROM THE OSE FIELD OSEBFLG1. THE ONLY BITS THAT ARE RELEVANT FOR IATBDCI ARE OSBJTYPE AND OSBSTYPE.			
92	(5C)	BITSTRING	1	OSBBFLG1	FLAG BYTE
		DEFINITION OF OSBBFLG1			
92	(5C)	X'80'	0	OSBBDT	"OSSBDT" OSE IS FOR BDT
92	(5C)	X'40'	0	OSBJTYPE	"OSSJTYPE" NETWORK JOB STREAM
92	(5C)	X'20'	0	OSBSTYPE	"OSSSTYPE" NETWORK SYSOUT STREAM
92	(5C)	X'10'	0	OSBJH	"OSSJH" JOB HEADER OSE
92	(5C)	X'8'	0	OSBDSH	"OSSDSH" DATASET HEADER OSE
92	(5C)	X'4'	0	OSBDS	"OSSDS" SYSOUT DATASET OSE
92	(5C)	X'2'	0	OSBJT	"OSSJT" JOB TRAILER OSE
		OSBBFLG2 IS A STATUS BYTE INDICATING THE STATE OF THE NETWORK JOB. THE OSBBFLG2 FIELD IS CREATED FROM THE OSS FIELD OSSBFLG2. THE OSS FIELD OSSBFLG2 IS CREATED FROM THE OSE FIELD OSEBFLG2.			
93	(5D)	BITSTRING	1	OSBBFLG2	FLAG BYTE
		DEFINITION OF OSBBFLG2 The OSBBFLG2 flag is a replica of OSSBFLG2. However, the flag bits OSSBCAN and OSSAROUT in OSSBFLG2 is not relevent for OSBBFLG2. So those two bits are reserved and set as 'DO NOT USE' in OSBBFLG2.			
93	(5D)	X'80'	0	OSBBSENT	"OSSBSENT" Transaction sent to BDT/TCP
93	(5D)	X'40'	0	OSBBQUED	"OSSBQUED" Transaction queued by BDT/TCP
		..1.		OSBBF220	"X'20'" Reserved - DO NOT USE
		...1		OSBBF210	"X'10'" Reserved - DO NOT USE
93	(5D)	X'8'	0	OSBTCP	"OSSTCP" OSE is for TCP
		.... .1..		OSBBF204	"X'04'" Reserved for IBM

Table 554. Structure OSBSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... ..1.		OSBBF202	"X'02'" Reserved for IBM
		1		OSBBF201	"X'01'" Reserved for IBM
		THE OSBBFLG3 FLAG IS SET BY THE IATXOSBM MACRO. THE TYPE KEYWORD PARAMETER WILL DETERMINE WHICH FLAG GETS SET.			
94	(5E)	BITSTRING	1	OSBBFLG3	FLAG BYTE
		DEFINITION OF OSBBFLG3			
		1...		OSBGETRQ	"X'80'" GET REQUEST
		.1..		OSBPUTRQ	"X'40'" PUT REQUEST
		..1.		OSBRECRQ	"X'20'" RECOVERY REQUEST
		...1		OSBINQRQ	"X'10'" INQUIRY REQUEST
		.... ..1.		OSBNRMRC	"X'02'" NORMAL RECOVERY REQUEST
		1		OSBABNRC	"X'01'" ABNORMAL RECOVERY REQUEST
94	(5E)	X'F0'	0	OSBVALRQ	"OSBGETRQ+OSBPUTRQ+OSBRECRQ+OSBINQRQ" VALID IATOSBM REQUESTS
		THE OSBBFLG4 FLAG IS USED BY IATOSBM TO KEEP TRACK OF WHAT IS HAPPENING IN THE MODULE.			
95	(5F)	BITSTRING	1	OSBBFLG4	FLAG BYTE
		DEFINITION OF OSBBFLG4			
		1...		OSBOSELK	"X'80'" RQ OSE LOCK HELD
		.1..		OSBOKRET	"X'40'" TAKE GOOD RETURN TO CALLER
		..1.		OSBOSEWR	"X'20'" OSE WRITE IS OUTSTANDING
		...1		OSBPFAIL	"X'10'" FAILURE OCCURRED
		.... 1...		OSBRECR	"X'08'" RECURSION FLAG
		.... .1..		OSBRQCMP	"X'04'" REQUEST IS COMPLETE
		.... ..1.		OSBCANWK	"X'02'" INTERCOM CANCEL CMD TO BDT
		1		OSBHLDJB	"X'01'" HOLD JOB DUE TO DATA SET SECURITY FAILURE
		THE OSBBFLG5 FLAG IS USED BY CALLER TO: 1. OSBMPEND IS USED TO MARK WORK PENDING A CALLER. THIS IS USED BY THE CALLER SO THAT SUBSEQUENT INQUIRY CALLS FIND A UNIT OF WORK ONLY ONCE. 2. OSBSPEND IS USED TO SEARCH FOR WORK THAT IS MARKED PENDING. THIS IS USED BY A CALLER TO SELECT WORK ONLY ONCE. 3. OSBBHOLD IS USED TO INDICATE THAT THE CALLER would like to see BDT/TCP OSEs that are held. 4. OSBOLOCK is used to indicate that the caller 06900SVA set the RQ OSE lock. 06900SVA 06685SVA			
96	(60)	BITSTRING	1	OSBBFLG5	FLAG BYTE
		DEFINITION OF OSBBFLG5			
		1...		OSBMPEND	"X'80'" MARK WORK PENDING
		.1..		OSBSPEND	"X'40'" SEARCH FOR WORK MARKED PEND
		..1.		OSBBHOLD	"X'20'" INDICATE ALRIGHT TO SELECT WORK IN OPERATOR HOLD
		...1		OSBOLOCK	"X'10'" RQ OSE lock set by caller 06900SVA

Table 554. Structure OSBSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		OSBRQBIT	"X'08'" NJE bit not set in RQ
		.... .1..		OSBDM768	"X'04'" DM768 is being issued
		.... ..1.		OSBXARQG	"X'02'" RQ obtained with IATXARQ in GET routine
		1		OSBFL501	"X'01'" Reserved for IBM 06685SVA 06900SVA
---------- 06900SVA The OSBBFLG6 flag (like OSBBFLG4) is used by IATOSBM 06900SVA to keep track of what is happening in the module. 06900SVA ---------- 06900SVA					
97	(61)	BITSTRING	1	OSBBFLG6	Flag byte 6 06900SVA
---------- 06900SVA Definition of OSBBFLG6 06900SVA ---------- 06900SVA					
		1...		OSBAGAIN	"X'80'" Start search from top again 06900SVA for TCP/NJE transaction 06900SVA
		.1..		OSBEVENP	"X'40'" Even pass to search 06900SVA for TCP/NJE transaction 06900SVA
		..1.		OSBFL620	"X'20'" Reserved for IBM 06900SVA
		...1		OSBFL610	"X'10'" Reserved for IBM 06900SVA
		.... 1...		OSBFL608	"X'08'" Reserved for IBM 06900SVA
		.... .1..		OSBFL604	"X'04'" Reserved for IBM 06900SVA
		.... ..1.		OSBFL602	"X'02'" Reserved for IBM 06900SVA
		1		OSBFL601	"X'01'" Reserved for IBM 06900SVA
98	(62)	BITSTRING	2	OSBRSFLG	Reserved for flag bytes 06900SVC
100	(64)	SIGNED	4	OSBRSVD4(2)	RESERVED FOR DEVELOPMENT
108	(6C)	SIGNED	4	OSBWRKA	Work area address 06977SVC
112	(70)	SIGNED	2	OSBWRKSZ	Work area size 06977SVC
114	(72)	BITSTRING	1	OSBF3SAV	Save area for OSBBFLG3 0075
115	(73)	BITSTRING	5	OSBRSVD5	Reserved for development 06977SVC 06977SVD
120	(78)	BITSTRING	2	OSBRSVS2	RESERVED FOR SERVICE
122	(7A)	BITSTRING	2	OSBRSVU1	RESERVED FOR USER
IATOSBM WORK AREAS					
124	(7C)	BITSTRING	12	OSBWKFDB	WORK OSE FDB
136	(88)	BITSTRING	12	OSBNXFDB	NEXT OSE FDB
148	(94)	SIGNED	4	OSBEND(0)	END OF OSB DATA AREA
148	(94)	BITSTRING	1	OSBSIZE(0)	SIZE OF OSB LIST

Table 555. Cross Reference for IATYOSB

Name	Offset	Hex Tag
OSBABNRC	5E	1
OSBAGAIN	61	80
OSBBDT	5C	80
OSBBDTNO	56	0
OSBBFLG1	5C	0

Table 555. Cross Reference for IATYOSB (continued)

Name	Offset	Hex Tag
OSBBFLG2	5D	0
OSBBFLG3	5E	0
OSBBFLG4	5F	0
OSBBFLG5	60	0
OSBBFLG6	61	0
OSBBF201	5D	1
OSBBF202	5D	2
OSBBF204	5D	4
OSBBF210	5D	10
OSBBF220	5D	20
OSBBHOLD	60	20
OSBBQUED	5D	40
OSBBSENT	5D	80
OSBCANWK	5F	2
OSBDEST	10	40404040
OSBDM768	60	4
OSBDS	5C	4
OSBDSH	5C	8
OSBEND	94	
OSBEVENP	61	40
OSBFL501	60	1
OSBFL601	61	1
OSBFL602	61	2
OSBFL604	61	4
OSBFL608	61	8
OSBFL610	61	10
OSBFL620	61	20
OSBF3SAV	72	0
OSBGETRQ	5E	80
OSBGRPID	20	40404040
OSBHLDJB	5F	1
OSBID	0	D6E2C240
OSBINQRQ	5E	10
OSBJBDTN	44	0
OSBJBID	30	40404040
OSBJH	5C	10
OSBJNUM	38	40404040
OSBJOBNM	28	40404040
OSBJOBNO	40	0
OSBJT	5C	2
OSBJTYPE	5C	40
OSBMPEND	60	80
OSBNRMRC	5E	2
OSBNXFDB	88	0
OSBOKRET	5F	40
OSBOLOCK	60	10

Table 555. Cross Reference for IATYOSB (continued)

Name	Offset	Hex Tag
OSBOSEB4	48	0
OSBOSELK	5F	80
OSBOSEWR	5F	20
OSBPATH	18	40404040
OSBPFAIL	5F	10
OSBPRTY	5A	0
OSBPRTYE	58	0
OSBPUTRQ	5E	40
OSBRECR	5F	8
OSBRECRQ	5E	20
OSBRQADR	4C	0
OSBRQBIT	60	8
OSBRQCMP	5F	4
OSBRSFLG	62	0
OSBRSVD3	50	0
OSBRSVD4	64	0
OSBRSVD5	73	0
OSBRSVS1	5B	0
OSBRSVS2	78	0
OSBRSVU1	7A	0
OSBSECAD	3C	
OSBSIZE	94	
OSBSPEND	60	40
OSBSTART	0	
OSBSTYPE	5C	20
OSBTCP	5D	8
OSBTCPA	4	
OSBTIME	8	40404040
OSBVALRQ	5E	F0
OSBWKFDB	7C	0
OSBWRKA	6C	0
OSBWRKSZ	70	0
OSBXARQG	60	2

IATYOSC information

IATYOSC programming interface information

IATYOSC is a programming interface.

IATYOSC heading information

Common name: Output Service Checkpoint

Macro ID: IATYOSC

DSECT name: None

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Subpool: N/A
Key: N/A
Residency: Any

Size: OSCSIZE

Created by: N/A

Pointed to by: N/A

Serialization: N/A

Function: Contains the user portion of the Single-Record File header.

IATYOSC mapping

Table 556. Structure OSCSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	OSCSTART	
0	(0)	BITSTRING	6	OSCTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	OSCCNT	USER COUNT.
8	(8)	CHARACTER	4	OSCID	File id.
12	(C)	BITSTRING	12	OSCCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	OSCVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	OSCDATA(0)	START OF USER DATA AREA.
28	(1C)	BITSTRING	12	OSCJDAB	Job zero JDAB FDB
40	(28)	BITSTRING	12	OSCJDSFD	Job zero JDS FDB
52	(34)	BITSTRING	1	OSCOSEFD	Job zero OSE FDB

IATYOSD information

IATYOSD heading information

Common name: Output Service Resident Data Area

Macro ID: IATYOSD

DSECT name: OSDSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: OSD
Offset: OSDID-OSDSTART
Length: L'OSDID

Storage attributes: Auxiliary Storage: JES3 checkpoint
IATINJB moves OSD into checkpoint area.
IATINIC reinitializes OSD from checkpoint area on a hot start.
Subpool: 0 (JES3NUC -- IATOSDA)
Key: 1 (JESKEY)
Residency: ANY

Size: OSDTOTL

Created by: Fields filled in by IATINOS

Pointed to by: TVTYOSD in IATYTVT

Serialization: NONE

Function: This area contains default information used by IATOSDR to build OSEs. The IATYOSD data area is also accessible to all writers and contains some information that is common to all writers.

IATYOSD mapping

Table 557. Structure IATOSDA

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATOSDA	
0	(0)	SIGNED	4	OSDSTART(0)	BEGINNING OF DATA AREA

```
                JES3 MODULE ENTRY POINT IDENTIFIER
01 Change Activity:
   $SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0
```

0	(0)	CHARACTER	8		MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM

```
OUTSERV INITITALIZATION STATEMENT VALUES ARE STORED
IN THE OSD BY IATINOS. LABEL OSDSTRT INDICATES THE 0
START OF THE OSD AREA THAT IS CHECKPOINTED. 0
```

36	(24)	SIGNED	4	OSDSTRT(0)	BEGINNING OF DATA AREA
36	(24)	SIGNED	2	OSDRSVDA	RESERVED FOR DEVELOPMENT
38	(26)	CHARACTER	4	OSDID	CONTROL BLOCK ID
42	(2A)	CHARACTER	8	OSDCARDS	STANDARD CARD STOCK
50	(32)	CHARACTER	8	OSDCARR	STANDARD CARRIAGE TAPE/FCB
58	(3A)	CHARACTER	8	OSDFORMS	STANDARD PRINTER FORMS
66	(42)	CHARACTER	8	OSDTRAIN	STANDARD UCS/TRAIN
74	(4A)	CHARACTER	8	OSDMODE	DEFAULT PROCESS MODE
82	(52)	BITSTRING	16	OSDWSMSK(0)	LENGTH ATTRIBUTE FOR INISH.
82	(52)	ADDRESS	1	(16)	
98	(62)	BITSTRING	1	OSDRSVAA(2)	RESERVED FOR DEVELOPMENT
100	(64)	ADDRESS	4	OSDDMCCP	WTR-DMC CPB PRIMARY
104	(68)	BITSTRING	4	OSDRSVS	RESERVED FOR SERVICE
108	(6C)	ADDRESS	4	OSDPPQA	ADDR OF CELL POOL BLOCK FOR ALL 3800 PENDING PAGE QUEUES
112	(70)	ADDRESS	4	OSDPAB	ADDR OF FIRST PPQ ATTRIBUTES BLOCK
116	(74)	ADDRESS	4	OSDPDQA	ADDR OF PDQ CELL POOL BLOCK FOR FSS SUPPORTED PRINTERS
120	(78)	ADDRESS	4	OSDCPBAD	ADDRESS OF BAD CELL POOL
124	(7C)	CHARACTER	4	OSDCHARS	STANDARD CHAR ARRANGEMENT
140	(8C)	CHARACTER	4	OSDFLASH	STANDARD FLASH ID
144	(90)	CHARACTER	4	OSDMODID	STANDARD COPY MODIFY ID
148	(94)	SIGNED	4	OSDOTFCT	NUMBER OF OUTSERV FCTS
152	(98)	ADDRESS	4	OSDOSECH	ADDRESS OF FIRST MOSE
156	(9C)	ADDRESS	4	OSDOSEPL	ADDRESS OF MOSE POOL
160	(A0)	ADDRESS	4	OSEOSSCH	ADDRESS OF AVAIL OSS ENTRY
164	(A4)	ADDRESS	4	OSDOSSPL	ADDRESS OF OSS POOL (LARGE)
168	(A8)	ADDRESS	1	OSDFLCNT	STANDARD FLASH COUNT
169	(A9)	CHARACTER	1	OSDMODRC	STD COPY MODIFY REF CHAR
170	(AA)	CHARACTER	1	OSDSTACK	STANDARD STACKER

Table 557. Structure IATOSDA (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
171	(AB)	BITSTRING	1	OSDRSVS1	RESERVED FOR SERVICE
172	(AC)	SIGNED	4	OSDTHRES	DEFAULT TRESHOLD COUNT
176	(B0)	BITSTRING	1	OSDRSVS2	RESERVED FOR SERVICE
177	(B1)	BITSTRING	1	OSDRSVU(2)	RESERVED FOR USER
179	(B3)	BITSTRING	37	OSDWCLEN(0)	WRITER CLASS LIST
216	(D8)	BITSTRING	8	OSDORG2	SECONDARY ORIGIN
224	(E0)	BITSTRING	1	OSDRXXX1	XXX FLAG FIELD
225	(E1)	BITSTRING	3	OSDRXXH1	RESERVED FOR DEVELOPMENT
228	(E4)	CHARACTER	1	OSDCLRPT	CLEAR PRINTER (CB) OPTION
229	(E5)	BITSTRING	1	OSDRFLG1	FLAG FIELD
		DEFINITION OF OSDRFLG1			
		1...		OSDNNPRO	"X'80'" NPRO SIMULATION
		.1..		OSDRDONE	"X'40'" OUTPUT SERVICE RESTART DONE
		..1.		OSDRREST	"X'20'" OUTSERV RESPONDING TO RESTART PROCESSING
		...1		OSDRSTTR	"X'10'" STT OSE exists (Job 0 OSEs)
		.... 1...		OSDROSRE	"X'08'" Error in FSS OSR Build process
		.... .1..		OSDRSOER	"X'04'" Error in SAPI OSR Build process
		.... ..1.		OSDSCWIC	"X'02'" SAPI COW Dataspace Service initialization Complete
		1		OSDEXTON	"X'01'" Extended OSE sequence 07369SZC numbers not allowed 07369SZC
230	(E6)	BITSTRING	1	OSDRFLG3	FLAG FIELD 0202
		DEFINITION OF OSDRFLG3 0			
		1...		OSDROUTF	"X'80'" AN OUTSERV FCT FINISHED 0202 RESTART PROCESSING 0202
		.1..		OSDBREC	"X'40'" OSBM BDT RECOVERY IN PROCESS0349
		..1.		OSDRSNAG	"X'20'" DSISO DATASETS WITH SNA/NJE DESTINATION SHOULD BE GROUPED TOGETHER
		...1		OSDRF310	"X'10'" Reserved for IBM 06599SVC
		.... 1...		OSDDM754	"X'08'" DM754 TAKEN IN IATGRRQ
		.... .1..		OSDMODED	"X'04'" Delete SEEs for modified OSE var entries
		.... ..1.		OSDSMULT	"X'02'" Delete SEEs for all chained OSEs
		1		OSDRF301	"X'01'" Reserved for IBM
231	(E7)	BITSTRING	1	OSDSECF	Serialized ECF for SAPI and PSO work to do. Use CS or OIL and NIL only
		Post definitions for OSDSECF			
		1...		OSDPSOPS	"X'80'" PSO new msg post DLOCON
		.1..		OSDHTXWT	"X'40'" PSO new work avail OUTSERV
		..1.		OSDPGWT	"X'20'" PSO purge post

Table 557. Structure IATOSDA (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		...1		OSDSAPTP	"X'10'" SAPI new msg post DLOCON
		.... 1...		OSDSAPOP	"X'08'" SAPI new work avail OUTSERV
		.... .1..		OSDSAPTR	"X'04'" SAPI termination post
		.... ..1.		OSDSECF2	"X'02'" Reserved
		1		OSDSECF1	"X'01'" Reserved
232	(E8)	SIGNED	4	OSDNPRO	RUNOUT INTERVAL IN SECONDS
236	(EC)	SIGNED	4	OSDRAOSR	IN-CORE ADDR OF GET/FREE MOD
240	(F0)	CHARACTER	8	OSDRNOSR	NAME OF GET/FREE CELL ROUTINE
248	(F8)	SIGNED	4	OSDRESQ	ADDRESS OF OUTSERV RESQUEUE
252	(FC)	SIGNED	4	OSDOTCNT	NUMBER OF OUTSERV FCT'S. THIS NUMBER IS DECREMENTED TO ZERO IN IATOSDR SO THAT OS RESTART PROCESSING IS NOT PREMATURELY FINISHED.
256	(100)	ADDRESS	4	OSDOSSPS	ADDRESS OF OSS POOL (SMALL)
260	(104)	ADDRESS	4	OSDBMOSE	Address of first BDT MOSE
264	(108)	ADDRESS	4	OSDTMOSE	Address of first TCP MOSE 06599SVC
268	(10C)	ADDRESS	4	OSD9351A	IAT9351 console buffer addr.06599SVA 06599SVA
272	(110)	BITSTRING	1	OSDRFLG5	Flag byte 5 06599SVA

```
------------------------------------------------------------ 06599SVA
              Definition of OSDRFLG5 06599SVA
------------------------------------------------------------ 06599SVA
```

		1...		OSDRNTSV	"X'80'" Outserv responding to 06599SVM Netserv start 06599SVM
		.1..		OSDRRLSE	"X'40'" Outserv post required to 06599SVA process job released 06599SVA by Netserv 06599SVA
		..1.		OSDRNVND	"X'20'" No Netserv defined 06599SVA
		...1		OSDRNVNA	"X'10'" No Netserv active 06599SVA
		.... 1...		OSDRF508	"X'08'" Reserved for IBM 08028SXC
		.... .1..		OSDRF504	"X'04'" Reserved for IBM 06599SVA
		.... ..1.		OSDRF502	"X'02'" Reserved for IBM 06599SVA
		1		OSDRF501	"X'01'" Reserved for IBM 06599SVA 06599SVA
273	(111)	BITSTRING	3	OSDRRSV1	Reserved for IBM 06599SVA 06599SVA
276	(114)	SIGNED	4	OSDRSDD1(45)	Reserved for IBM 06599SVA
456	(1C8)	SIGNED	4	OSDRSSS1(50)	RESERVED FOR SERVICE 0200
656	(290)	SIGNED	4	OSDRSSU1(50)	RESERVED FOR USER 0200
856	(358)	BITSTRING	1	OSDEND(0)	END OF DATA AREA CHECKPOINTED IATINJB USES OSDEND TO FIND THE SIZE OF THE OSD TO CHECKPOINT
856	(358)	BITSTRING	1	OSDSIZE(0)	SIZE OF OSD DATA AREA THAT 0063 IS CHECKPOINTED

```
     FIELDS THAT CAN NOT BE CHECKPOINTED MUST BE PLACED
     IN THE OSD AFTER THE OSDEND LABEL.
```

856	(358)	SIGNED	4	OSDSTRT2(0)	START OF AREA NOT CHECKPOINTED
856	(358)	ADDRESS	4	OSDRWTRV	"V(WTR)" ADDRESS OF WRITER DSPDC
860	(35C)	ADDRESS	4	OSDROTSV	"V(OUTSERV)" ADDRESS OF OUTSERV DSPDC
864	(360)	ADDRESS	4	OSDOSDOQ	"V(OSDOQOSE)" QUEUE OSE ROUTINE IN IATOSDO

Table 557. Structure IATOSDA (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
868	(364)	ADDRESS	4	OSDPRTBL	PROCESS MODE CONTROL TABLE
872	(368)	ADDRESS	4	OSDOBDTC	"V(CANBDTWK)" ADDRESS OF CANBDTWK ROUTINE IN IATOSOR
876	(36C)	ADDRESS	4	OSDSPOOL	"V(OSDRSOSE)" ADDRESS OF OSDRSOSE ROUTINE 0681
880	(370)	ADDRESS	4	OSDRSNAA	"V(OSBPRECV)" ADDRESS OF OSBPRECV ROUTINE 0681
884	(374)	ADDRESS	4	OSDRSNAB	"V(OSDRSNAF)" ADDRESS OF OSDRFSNA ROUTINE 0681
888	(378)	ADDRESS	4	OSDRQSNA	"V(QBDTOSE)" ADDRESS OF QBDTOSE ROUTINE IN IATOSOR
892	(37C)	ADDRESS	4	OSDRLSNA	"V(CRBDTOSE)" ADDRESS OF CRBDTOSE ROUTINE IN IATOSOR
896	(380)	ADDRESS	4	OSDRCSNA	"V(CUBDTOSE)" ADDRESS OF CUBDTOSE ROUTINE IN IATOSOR
900	(384)	ADDRESS	4	OSDRPSO	"V(PSODSP)" ADDRESS OF PSO DSPDC
904	(388)	ADDRESS	4	OSDRW100	"V(GRWPW100)" ADDRESS OF GRWPW100 ROUTINE
908	(38C)	ADDRESS	4	OSDDXEGP	"V(OSGRX000)" ADDRESS OF OSGRX000 ROUTINE 0125 0012
912	(390)	ADDRESS	4	OSDDXEFQ	DXE FREE QUEUE HEADER 0012 0012
916	(394)	ADDRESS	4	OSDRDSDL	"V(DSDELETE)" ADDRESS OF DSDELETE ROUTINE IN IATOSOR
920	(398)	ADDRESS	4	OSDRDSCL	"V(DSCLASUP)" ADDRESS OF DSCLASUP ROUTINE IN IATOSOR
924	(39C)	ADDRESS	4	OSDRDSDT	"V(DSDESTUP)" ADDRESS OF DSDESTUP ROUTINE IN IATOSOR
928	(3A0)	ADDRESS	4	OSDRUX20	"V(INITUX20)" ADDRESS OF INITUX20 ROUTINE IN IATOSGR
932	(3A4)	ADDRESS	4	OSDRREL	"V(RELUX20)" ADDRESS OF RELUX20 ROUTINE D015 IN IATOSGR D015
936	(3A8)	ADDRESS	4	OSDPFAIL	"V(PURGFAIL)" ADDRESS OF PURGFAIL ROUTINE IN IATOSGR
940	(3AC)	ADDRESS	4	OSDRSWBU	"V(SWBUPDTE)" ADDRESS OF SWBUPDTE ROUTINE 0146 in IATOSSWB
944	(3B0)	ADDRESS	4	OSDPSOSC	"V(PSOSCHED)" Address of PSOSCHED routine in IATOSOR
948	(3B4)	ADDRESS	4	OSDSAPSC	"V(SAPISCHD)" Address of SAPISCHD routine in IATOSOR
952	(3B8)	ADDRESS	4	OSDSAPID	"V(SAPIDSP)" Address of SAPI DSP dic
956	(3BC)	ADDRESS	4	OSDSAPTQ	Anchor of SAPI Application Termination Entries (IATYSAT)
960	(3C0)	ADDRESS	4	OSDRSWBR	"V(SWBRETRV)" Address of SWBRETRV routine in IATOSSWB
964	(3C4)	ADDRESS	4	OSDMU1ST	First IATYMOOS on the pending *MODIFY,U request queue
968	(3C8)	ADDRESS	4	OSDMULST	Last IATYMOOS on the pending *MODIFY,U request queue
972	(3CC)	ADDRESS	4	OSDSRINK	"V(OSES000)" Address of OSES000 routine in IATOSOR
976	(3D0)	ADDRESS	4	OSDSCTUP	"V(DSSCTUP)" Address of SCT update routine in IATOSOR
980	(3D4)	ADDRESS	4	OSDDFOSE	"V(DEFLTOSE)" Address of default OSE routine in IATOSOR
984	(3D8)	ADDRESS	4	OSDDDFA	Address of destination 0008 definitions 0008

Table 557. Structure IATOSDA (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
988	(3DC)	ADDRESS	4	OSDLKUP	"V(DESTLKUP)" Address of DESTLKUP routine 0008 in IATOSOR 0008
992	(3E0)	ADDRESS	4	OSDJERR	"V(OSGRJERR)" JESREAD error entry point in IATOSGR
996	(3E4)	ADDRESS	4	OSDCSBRV	"V(CSBTRECV)" OSE CSBT Recovery entry pt. in IATOSOR
1000	(3E8)	ADDRESS	4	OSDJDSX	"V(OSORJDSX)" OSEJDSPT translate routine 0023 in IATOSOR 0023
1004	(3EC)	ADDRESS	4	OSDPSTNA	"V(PSTNTTDR)" Netserv post routine in IATOSDR
1008	(3F0)	ADDRESS	4	OSDTJPA	"V(TCPJOBP)" TCP/IP n/w job processing routine in IATOSOR
1012	(3F4)	ADDRESS	4	OSDOSOR2	"V(IATOSOR2)" Address of IATOSOR2 07345SZC
1012	(3F4)	X'4'	0	OSDOSTFD	"4,4" Offset to IATXOSTF address 07345SZC
1012	(3F4)	X'8'	0	OSDCNTCP	"8,4" Offset to CANTCPWK address 07345SZA
1012	(3F4)	X'C'	0	OSDASRSV	"12,4" Offset to ASRSERVC address 07345SZC
1012	(3F4)	X'10'	0	OSDRTNTG	"16,4" Offset to RTNTCPGP address 07081SXC
1012	(3F4)	X'14'	0	OSDOSESP	"20,4" Offset to OSESPLIT address
1016	(3F8)	SIGNED	4	OSDRSDD4(2)	Reserved for IBM 07345SZA
1024	(400)	ADDRESS	4	OSDGRFAL	"V(OSGRFAIL)" OSGRFAIL routine in IATOSGR
1028	(404)	SIGNED	4	OSDRSDD2(14)	Reserved for development
1084	(43C)	ADDRESS	4	OSDSEEGP	"V(OSGRS000)" Address of SEE routine in IATOSGR
1088	(440)	ADDRESS	4	OSDWCSUP	"V(WRITCSUP)" OST update routine in IATOSOR WRITEOSE
1092	(444)	SIGNED	4	OSDRSSS2(15)	Reserved for service 0012
1152	(480)	SIGNED	4	OSDRSECP	SEE data space CPB addr.
	Data fields need for SAPI Exclusion Element create routine in IATOSGR (IATXSEE FUNC=CREATE).				
1156	(484)	SIGNED	4	OSDRSBF4	OSE buffer number
1160	(488)	SIGNED	2	OSDRSVAR	OSE variable entry offset 06357SUC
1162	(48A)	SIGNED	2	OSDRSDSO	OSE dataset entry offset 06357SUC
1164	(48C)	SIGNED	4	OSDMXOSE	Maximum OSE sequence number 07369SZC
1168	(490)	SIGNED	4	OSDMXOSD	Maximum OSE sequence number 07369SZA for dynamic allocations 07369SZA
1172	(494)	SIGNED	4	OSDRSDD3(13)	Reserved for development 07369SZC
1224	(4C8)	SIGNED	4	OSDRSSS3(14)	Reserved for service
	Entry point address for IATOSSW2.				
1280	(500)	ADDRESS	4	OSDOSSW2	"V(IATOSSW2)" IATOSSW2 entry point address
1280	(500)	X'4'	0	OSDCMPT	"4,4" Offset to SWBCMPT address
1280	(500)	X'8'	0	OSDSPLCE	"8,4" Offset to SWBSPLCE address
1280	(500)	X'C'	0	OSDGET	"12,4" Offset to SWBGET address
1280	(500)	X'10'	0	OSDSPLIT	"16,4" Offset to SWBSPLIT address

Table 557. Structure IATOSDA (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1280	(500)	X'14'	0	OSDMERGE	"20,4" Offset to SWBMERGE address
1280	(500)	X'18'	0	OSDGETTU	"24,4" Offset to SWBGETTU address
1280	(500)	X'1C'	0	OSDWRITE	"28,4" Offset to SWBWRITE address
		RESERVED NAME TABLE: Each entry is a reserved destination name. The table is terminated by an entry of Foxes (X'FFFFFFFFFFFFFFFF').			
1284	(504)	SIGNED	2	OSDRNTBL(0)	
1284	(504)	CHARACTER	8	OSDRNTNM(0)	Reserved Name Entry
1284	(504)	CHARACTER	8	OSDRNTR1	
1292	(50C)	CHARACTER	8	OSDRNTR2	
1300	(514)	CHARACTER	8	OSDRNTR3	Reserved Dest Name
1308	(51C)	BITSTRING	1	OSDRNTFF(8)	Terminator of Table
1308	(51C)	X'524'	0	OSDRNTED	"*" End of the Reserved Name Table
1316	(524)	SIGNED	4	OSDRSSU2(50)	RESERVED FOR USER
1516	(5EC)	BITSTRING	1	OSDEND2(0)	END OF AREA NOT CHECKPOINTED
1516	(5EC)	BITSTRING	0	OSDSIZE2(0)	SIZE OF OSD DATA AREA THAT IS NOT CHECKPOINTED
1516	(5EC)	BITSTRING	1	OSDTOTL(0)	TOTAL SIZE OF THE OSD

Table 558. Cross Reference for IATYOSD

Name	Offset	Hex Tag
IATOSDA	0	
OSDASRSV	3F4	C
OSDBMOSE	104	
OSDBREC	E6	40
OSDCARDS	2A	F5F0F8F1
OSDCARR	32	F6404040
OSDCHARS	7C	C7E2F1F0
OSDCLRPT	E4	D5
OSDCMPT	500	4
OSDCNTCP	3F4	8
OSDCPBAD	78	
OSDCSBRV	3E4	
OSDDDFA	3D8	
OSDDFOSE	3D4	
OSDDMCCP	64	
OSDDM754	E6	8
OSDDXEFQ	390	
OSDDXEGP	38C	
OSDEND	358	
OSDEND2	5EC	
OSDEXTON	E5	1
OSDFLASH	8C	D5D6D5C5
OSDFLCNT	A8	
OSDFORMS	3A	F1D7D9E3
OSDGET	500	C

Table 558. Cross Reference for IATYOSD (continued)

Name	Offset	Hex Tag
OSDGETTU	500	18
OSDGRFAL	400	
OSDHTXWT	E7	40
OSDID	26	D6E2C440
OSDJDSX	3E8	
OSDJERR	3E0	
OSDLKUP	3DC	
OSDMERGE	500	14
OSDMODE	4A	D3C9D5C5
OSDMODED	E6	4
OSDMODID	90	D5D6D5C5
OSDMODRC	A9	F0
OSDMULST	3C8	
OSDMU1ST	3C4	
OSDMXOSD	490	0
OSDMXOSE	48C	0
OSDNNPRO	E5	80
OSDNPRO	E8	5A
OSDOBDTC	368	
OSDORG2	D8	0
OSDOSDOQ	360	
OSDOSECH	98	
OSDOSEPL	9C	
OSDOSESP	3F4	14
OSDOSOR2	3F4	
OSDOSSPL	A4	
OSDOSSPS	100	
OSDOSSW2	500	
OSDOSTFD	3F4	4
OSDOTCNT	FC	1
OSDOTFCT	94	1
OSDPAB	70	
OSDPDQA	74	
OSDPFAIL	3A8	
OSDPGWT	E7	20
OSDPPQA	6C	
OSDPRTBL	364	
OSDPSOPS	E7	80
OSDPSOSC	3B0	
OSDPSTNA	3EC	
OSDRAOSR	EC	0
OSDRCSNA	380	
OSDRDONE	E5	40
OSDRDSCL	398	
OSDRDSDL	394	
OSDRDSDT	39C	

Table 558. Cross Reference for IATYOSD (continued)

Name	Offset	Hex Tag
OSDRESQ	F8	0
OSDRFLG1	E5	0
OSDRFLG3	E6	0
OSDRFLG5	110	0
OSDRF301	E6	1
OSDRF310	E6	10
OSDRF501	110	1
OSDRF502	110	2
OSDRF504	110	4
OSDRF508	110	8
OSDRLSNA	37C	
OSDRNOSR	F0	C9C1E3D6
OSDRNTBL	504	
OSDRNTED	51C	524
OSDRNTFF	51C	FFFFFFFF
OSDRNTNM	504	
OSDRNTR1	504	D3D6C3C1
OSDRNTR2	50C	C1D5E8D3
OSDRNTR3	514	C1D3D340
OSDRNTSV	110	80
OSDRNVNA	110	10
OSDRNVND	110	20
OSDROSRE	E5	8
OSDROTSV	35C	
OSDROUTF	E6	80
OSDRPSO	384	
OSDRQSNA	378	
OSDRREL	3A4	
OSDRREST	E5	20
OSDRRLSE	110	40
OSDRRSV1	111	0
OSDRSBF4	484	0
OSDRSDD1	114	0
OSDRSDD2	404	0
OSDRSDD3	494	0
OSDRSDD4	3F8	0
OSDRSDSO	48A	0
OSDRSECP	480	
OSDRSNAA	370	
OSDRSNAB	374	
OSDRSNAG	E6	20
OSDRSOER	E5	4
OSDRSSS1	1C8	0
OSDRSSS2	444	0
OSDRSSS3	4C8	0
OSDRSSU1	290	0

Table 558. Cross Reference for IATYOSD (continued)

Name	Offset	Hex Tag
OSDRSSU2	524	0
OSDRSTTR	E5	10
OSDRSVAA	62	0
OSDRSVAR	488	0
OSDRSVDA	24	0
OSDRSVS	68	0
OSDRSVS1	AB	0
OSDRSVS2	B0	0
OSDRSVU	B1	0
OSDRSWBR	3C0	
OSDRSWBU	3AC	
OSDRTNTG	3F4	10
OSDRUX20	3A0	
OSDRWTRV	358	
OSDRW100	388	
OSDRXXH1	E1	0
OSDRXXX1	E0	0
OSDSAPID	3B8	
OSDSAPOP	E7	8
OSDSAPSC	3B4	
OSDSAPTP	E7	10
OSDSAPTQ	3BC	
OSDSAPTR	E7	4
OSDSCTUP	3D0	
OSDSCWIC	E5	2
OSDSECF	E7	0
OSDSECF1	E7	1
OSDSECF2	E7	2
OSDSEEGP	43C	
OSDSIZE	358	
OSDSIZE2	5EC	
OSDSMULT	E6	2
OSDSPLCE	500	8
OSDSPLIT	500	10
OSDSPOOL	36C	
OSDSRINK	3CC	
OSDSTACK	AA	C3
OSDSTART	0	
OSDSTRT	24	
OSDSTRT2	358	
OSDTHRES	AC	FFFFFFFF
OSDTJPA	3F0	
OSDTMOSE	108	
OSDTOTL	5EC	
OSDTRAIN	42	D7D54040
OSDWCLEN	B3	0

Table 558. Cross Reference for IATYOSD (continued)

Name	Offset	Hex Tag
OSDWCSUP	440	
OSDWRITE	500	1C
OSDWSMSK	52	
OSD9351A	10C	
OSEOSSCH	A0	

IATYOSE information

IATYOSE programming interface information

The following fields are **NOT** programming interface information:

- OSEDFSCP
- OSEOSEND
- OSEOSPTY
- OSEOSS
- OSEOSTBL

IATYOSE heading information

Common name:	OUTPUT SCHEDULING ELEMENT
Macro ID:	IATYOSE
DSECT name:	OSESTART
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Main Storage: SUBPOOL 230 Auxiliary Storage: SPOOL STT FOR WORK OSE
Size:	480 Bytes
Created by:	IATISEN, IATOSDR, IATMOOS
Pointed to by:	RQOSEFDB IN IATYRSQ JCTOSEFD IN IATYJCT OSDOSECH IN IATYOSD (for WTR/HOLD Q) OSDBMOSE IN IATYOSD (for BDT Q) OSDTMOSE IN IATYOSD (for TCP Q) OSEADDR IN IATYISD JDABOSE & JDABOSES IN IATYJDA
Serialization:	None
Function:	THIS MACRO CONTAINS CONTROL INFORMATION FOR OUTPUT DATA SETS.

IATYOSE mapping

Table 559. Structure OSESTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	OSESTART	
0	(0)	BITSTRING	6	OSETRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	OSECNT	USER COUNT.
8	(8)	CHARACTER	4	OSEID	File id.
12	(C)	BITSTRING	12	OSECHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	OSEVLID	Validation field = DATVALID

Table 559. Structure OSESTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
28	(1C)	SIGNED	4	OSEDATA(0)	START OF USER DATA AREA.
28	(1C)	SIGNED	2	OSEFIXL	LENGTH OF FIXED AREA
30	(1E)	SIGNED	2	OSETOTL	TOTAL LENGTH, THIS BUFFER
32	(20)	BITSTRING	1	OSEMFLAG	MASTER OSE FLAG
		DEFINITION OF OSEMFLAG			
		1...		OSEWRITE	"X'80'" ENTRY MUST BE WRITTEN
		.1..		OSEPBFDL	"X'40'" PREVIOUS BUFFER WAS DELETED
		IF DJOSPLIT IS ON IN IATYDJT THEN THIS OSE HAS SPLIT DURING DUMP JOB TRANSLATION. THE FOLLOWING BIT WILL TELL IF THIS OSE SPLIT ON A VARIABLE OR DATASET SECTION (USED BY IATDJIN/IATDJCR).			
		..1.		OSEOVERF	"X'20'" ON = OSE VARIABLE SPLIT OFF = OSE DATASET SPLIT
		BIT OSEDJRST INDICATES THAT THE REAL OSE IS BEING 0 RESTORED BY DUMP JOB. OUTPUT SERVICE (OSDR) USES THIS 0 bit to process BDT/TCP jobs.			
		...1		OSEDJRST	"X'10'" JOB WITH REAL OSE'S RESTORED0390 BY DUMP JOB 0390
33	(21)	BITSTRING	3	OSEHRVS1	RESERVED FOR SERVICE
36	(24)	SIGNED	2	OSEJOBC	Compatible with OSEJOBN - see IATXJBNO macro
38	(26)	CHARACTER	1	OSECPYMK	COPYMARK OPERATOR COMMAND
39	(27)	CHARACTER	1	OSEMARK	MARK FORMS OPERATOR COMMAND
40	(28)	CHARACTER	1	OSEPSMOD	MODE BYTE FOR SETUP MODULE
41	(29)	CHARACTER	1	OSEPSFHR	HOLD/CHANGEABLE FLAG, FORMS
42	(2A)	CHARACTER	1	OSEPSCHR	HOLD/CHANGEABLE FLAG, CARR
43	(2B)	CHARACTER	1	OSEPSUHR	HOLD/CHANGEABLE FLAG, UCS
44	(2C)	CHARACTER	1	OSEPSFLH	HOLD/CHANGEABLE FLAG, FLASH
45	(2D)	CHARACTER	1	OSEPSMHR	HOLD/CHANGEABLE FLAG, CM
46	(2E)	BITSTRING	1	OSEHDR	HEADER OPTION TO SETUP
47	(2F)	BITSTRING	1	OSEBURST	BURST OPTION TO SETUP 2952
40	(28)	BITSTRING	6	OSEWAREA(0)	WORK AREA 2952
40	(28)	BITSTRING	0	OSERNOTE(0)	RESUME DATASET NOTE 2952
40	(28)	BITSTRING	6	OSERCTRK	SPOOL ADDRESS (M.R) 2952
46	(2E)	BITSTRING	2	OSERCOFF	OFFSET TO RECORD IN BLOCK 2952
48	(30)	BITSTRING	1	OSERCOPY	W.RESUME COPY COUNT
49	(31)	BITSTRING	1	OSEPSTHR	HOLD RELEASE BYTE FOR STACK
50	(32)	BITSTRING	2	OSEHRVS2	RESERVED FOR SERVICE
52	(34)	CHARACTER	8	OSEFJDVT	JDVT NAME SET AT CREATION
60	(3C)	SIGNED	4	OSEWSIMX	D.Maximum WSI value used for the job's SYSOUT data.
60	(3C)	X'3C'	0	OSERPGES	"OSEWSIMX,4" W.RESUME REPOSITION PAGE COUNT
64	(40)	SIGNED	4	OSERPGE	W.RESUME SMF PAGE COUNT
68	(44)	SIGNED	4	OSERRCD	W.RESUME SMF RECORD COUNT
72	(48)	SIGNED	4	OSERCUPG	W.RESUME TRANSMISSION PAGE CT 2668
76	(4C)	SIGNED	4	OSERLNES	W.RESUME REPOSITION LINE COUNT2668

Table 559. Structure OSESTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
80	(50)	SIGNED	2	OSERNTRY	W.OFFSET TO RESUME DS ENTRY 2668
82	(52)	BITSTRING	6	OSEHRVS3	RESERVED FOR SERVICE
88	(58)	BITSTRING	4	OSEJOBN	Job number
92	(5C)	SIGNED	4	OSECNT4	Buffer number
96	(60)	DBL WORD	8	OSEFEND(0)	END OF FIXED AREA
96	(60)	BITSTRING	1	OSEFSIZE(0)	SIZE OF FIXED AREA

Table 560. Structure OSEENTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	OSEENTRY	
0	(0)	CHARACTER	8	OSEGROUP	REQUESTED DESTINATION GROUP
8	(8)	CHARACTER	8	OSEDEST	REQUESTED DESTINATION
16	(10)	CHARACTER	8	OSEWTRNM(0)	EXTERNAL WRITER NAME (SYS)
16	(10)	CHARACTER	8	OSETYPE	REQUESTED TYPE
24	(18)	CHARACTER	8	OSEFORMS	REQUIRED FORMS 06609SVA

```
------------------------------------------------------------ 06609SVA
        The OSEFORMS of a TCP OSE is saved to NDHGFORM while 06609SVA
        building the DSH record. So, OSEFORMS storage can 06609SVA
        be reused to save the TCP/IP Netserv name. 06609SVA
------------------------------------------------------------ 06609SVA
```

24	(18)	CHARACTER	8	OSENTSV	TCP/IP Netserv name 06609SVA
32	(20)	CHARACTER	8	OSECARR	REQUIRED CARRIAGE TAPE
40	(28)	CHARACTER	8	OSEJDSJN(0)	Job name from JDS (valid for preliminary or temp- orary BDT/TCP OSE only)
40	(28)	CHARACTER	8	OSEDSID	DATASET IDENTIFIER (SYSTEM)
48	(30)	CHARACTER	8	OSEMODE	PROCESS MODE FOR THIS OSE
56	(38)	CHARACTER	8	OSEGRPID	BDT/TCP group identifier 0389

```
        THIS FIELD, ALONG WITH OSEMCL2, IS USED BY THE 0
        IATGOSE ROUTINE TO DETERMINE WHETHER A NEW MOSE 0
        NEEDS TO BE BUILT. ANY DIFFERENCE IN ANY OF THE 0
        CHARACTERISTICS DEFINED BETWEEN THESE TWO FIELDS 0
        WILL REQUIRE A NEW MOSE TO BE BUILT. 0
```

64	(40)	BITSTRING	0	OSEMCL1(0)	L' IS MASTER COMPARE 0128 LENGTH FOR FIRST SECTION 0128
64	(40)	CHARACTER	8	OSETPID	APPC transaction ID (if RQAPPC is on) or job id from the JSAB (otherwise)
72	(48)	CHARACTER	8	OSEUSRID	USERID
80	(50)	CHARACTER	8	OSESECBL	SECURITY LABEL

```
        TPID, USERID, AND SECLABEL ARE NOT USED IN DETERMIN- 0
        ING WHETHER A NEW MOSE NEEDS TO BE BUILT. OSESECT2 0
        MARKS THE RESUMPTION OF FIELDS WHICH ARE USED FOR 0
        THIS PURPOSE. 0
```

80	(50)	X'58'	0	OSESECT2	"*" START OF SECOND SECTION 0128
88	(58)	CHARACTER	4	OSEUCS	REQUIRED UCS ID
92	(5C)	CHARACTER	4	OSEFLASH	FORMS FLASH ID
96	(60)	CHARACTER	4	OSEMODID	COPY MODIFICATION ID
96	(60)	X'4'	0	OSENCHAR	"4" NUMBER CHAR TRANSLATE IDS
100	(64)	CHARACTER	4	OSECHARS(0)	TRANSLATE TABLE IDS

Table 560. Structure OSEENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
116	(74)	BITSTRING	1	OSESTACK	STACKER REQUIRED
116	(74)	X'C3'	0	OSECFS	"C'C'" CONTINUOUS FORMS STACKER
116	(74)	X'E2'	0	OSEBTS	"C'S'" BURSTER-TRIMMER-STACKER
117	(75)	BITSTRING	1	OSECLASS	CLASS OF THIS ENTRY
118	(76)	BITSTRING	1	OSEMODRC	COPY MOD. REF. CHAR.
119	(77)	BITSTRING	1	OSEPRTY	PRIORITY THIS ELEMENT
120	(78)	BITSTRING	1	OSESYSOT	EXTENDED SYSOUT ID DATA
120	(78)	X'C5'	0	OSEXT	"C'E'" EXTENDED KEYWORDS USED 0116
		Flag byte affecting the creation of a MOSE!			
121	(79)	BITSTRING	1	OSEMFLG1	Flag byte
		1...		OSEIPADR	"X'80'" IP address exists
		.1..		OSEMFL40	"X'40'" Reserved for development
		..1.		OSEMFL20	"X'20'" Reserved for development
		...1		OSEMFL10	"X'10'" Reserved for development
		.... 1...		OSEMFL08	"X'08'" Reserved for development
		.... .1..		OSEMFL04	"X'04'" Reserved for development
		.... ..1.		OSEMFL02	"X'02'" Reserved for development
		1		OSEMFL01	"X'01'" Reserved for development
		The following 2 equates are NOT used to update the OSE. They are used by various modules to update their respective data areas.			
121	(79)	X'D5'	0	OSENOIP	"C'N'" IPADDR does not exist
121	(79)	X'E8'	0	OSEYESIP	"C'Y'" IPADDR does exist
122	(7A)	BITSTRING	2	OSEVRVD5	RESERVED FOR DEVELOPMENT #0432
		THIS FIELD, ALONG WITH OSEMCL1, IS USED BY THE 0 IATGOSE ROUTINE TO DETERMINE WHETHER A NEW MOSE 0 NEEDS TO BE BUILT. ANY DIFFERENCE IN ANY OF THE 0 CHARACTERISTICS DEFINED BETWEEN THESE TWO FIELDS 0 WILL REQUIRE A NEW MOSE TO BE BUILT. 0			
124	(7C)	BITSTRING	0	OSEMCL2(0)	L' IS MASTER COMPARE 0128 LENGTH FOR SECOND SECTION 0128
124	(7C)	BITSTRING	8	OSEVRVU1	RESERVED FOR USER
132	(84)	BITSTRING	4	OSEVRVS1	RESERVED FOR SERVICE
136	(88)	SIGNED	4	OSEOSEND	M.LAST OSS ON THIS MOSE
136	(88)	X'88'	0	OSEWSI	"OSEOSEND,4" D.WSI value assigned to this set of SYSOUT data sets
140	(8C)	BITSTRING	1	OSEFLAG	FLAG BYTE
		DEFINITION OF OSEFLAG			
		1...		OSECMPLT	"X'80'" ALL ELEMENTS COMPLETE
		.1..		OSESCHD	"X'40'" ELEMENT SCHEDULED FOR OUTPUT
		..1.		OSEPEND	"X'20'" OUTPUT PENDING WTR
		...1		OSEWHOLD	"X'10'" HOLD BY WRITER
		.... 1...		OSERMTD	"X'08'" DEST IS FOR REMOTE
		.... .1..		OSEOPEND	"X'04'" DATASET HAS BEEN PROCESSED BUT COMPLETION STILL PENDING

Table 560. Structure OSEENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... ..1.		OSESYS	"X'02'" SYSTEM ELEMENT
		1		OSETSO	"X'01'" TSO ELEMENT
		ALTHOUGH THERE ARE OTHER USES FOR THIS FIELD, THE MAIN REASON IS FOR THE OSDOQOSE ROUTINE (IN IATOSDO) TO DETERMINE IF THE DATA SET SECTION OF A NEWLY CREATED OSE CAN BE ADDED TO AN EXISTING VARIABLE/DATA SET OSE.			
141	(8D)	BITSTRING	1	OSECL(0)	L' IS NORMAL COMPARE LEN.
141	(8D)	BITSTRING	1	OSEFLAG2	FLAG BYTE
		DEFINITION OF OSEFLAG2			
		1...		OSEREF	"X'80'" OSE WAS REFRESHED
		.1..		OSERSTND	"X'40'" OPERATOR RESTARTED WITH D=
		..1.		OSEAIDS	"X'20'" MIGRATION AID OSE
		...1		OSEMOSE	"X'10'" THIS IS A MASTER OSE
		.... 1...		OSEQSEP	"X'08'" QUEUE ELEMENT SEPARATELY
		.... .1..		OSEQAV	"X'04'" OSE QUEUED AVAILABLE
		.... ..1.		OSESQSEP	"X'02'" OSE QUEUED SEP FOR SCHED
		1		OSELOAD	"X'01'" UCS/FCB LOAD REQUIRED
141	(8D)	X'8D'	0	OSEFLG2	"OSEFLAG2" FLAG BYTE
		DEFINITION OF OSEFLG2 Used in parameter OSE (writer command processing) only -- overlays OSEFLAG2			
		.1..		OSEWCVAL	"X'40'" 'WC=' VALIDATION FLAG
		..1.		OSEWSVAL	"X'20'" 'WS=' VALIDATION FLAG
		...1		OSEPMVAL	"X'10'" 'PM=' VALIDATION FLAG
142	(8E)	BITSTRING	1	OSEFLAG3	FLAG BYTE
		DEFINITION OF OSEFLAG3			
		1...		OSEFSS	"X'80'" THIS OSE SCHEDULED TO AN FSS
		.1..		OSELNLIM	"X'40'" OSE LINE LIMIT
		..1.		OSEPGLIM	"X'20'" OSE PAGE LIMIT
		...1		OSERCLIM	"X'10'" OSE RECORD LIMIT
		.... 1...		OSEAROUT	"X'08'" THIS OSE ACTIVE ON REROUTE 0150
		.... .1..		OSECANPD	"X'04'" CANCEL IS PENDING 0403
		.... ..1.		OSESOSS	"X'02'" OSE POINTS TO A SMALL OSS
		1		OSEMCOPY	"X'01'" THERE IS STILL A COPY LEFT FOR THE NEXT PSO GET CALL
143	(8F)	BITSTRING	1	OSEBFLG1	BDT/TCP flag byte 1
		DEFINITION OF OSEBFLG1			
		1...		OSEBDT	"X'80'" OSE IS FOR BDT
		.1..		OSEJTYPE	"X'40'" NETWORK JOB STREAM
		..1.		OSESTYPE	"X'20'" NETWORK SYSOUT STREAM
		...1		OSEJH	"X'10'" JOB HEADER OSE
		.... 1...		OSEDSH	"X'08'" DATASET HEADER OSE

Table 560. Structure OSEENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... .1..		OSEDS	"X'04'" SYSOUT DATASET OSE
		.... ..1.		OSEJT	"X'02'" JOB TRAILER OSE
		1		OSETEMP	"X'01'" TEMPORARY OSE 0681
144	(90)	BITSTRING	1	OSEBFLG2	BDT/TCP flag byte 2
		DEFINITION OF OSEBFLG2 The flags defined in OSEBFLG2 must be defined the same way in OSSBFLG2. Otherwise someone might try to take 04, 02, or 01 in one macro and not take the same flag in the other. The reverse case is different. A bit can be defined in OSSBFLG2 as long as it is defined in OSEBFLG2 as "Reserved - DO NOT USE".			
		1...		OSEBSENT	"X'80'" Transaction sent to BDT/TCP
		.1..		OSEBQUED	"X'40'" Transaction queued by BDT/TCP
		..1.		OSEBF220	"X'20'" Reserved - DO NOT USE
		...1		OSEBF210	"X'10'" Reserved - DO NOT USE
		.... 1...		OSETCP	"X'08'" OSE is for TCP
		.... .1..		OSEBF204	"X'04'" Reserved for IBM
		.... ..1.		OSEBF202	"X'02'" Reserved for IBM
		1		OSEBF201	"X'01'" Reserved for IBM
145	(91)	BITSTRING	1	OSEXPRTY	BDT TRANSMISSION PRIORITY
146	(92)	BITSTRING	2	OSEVRVU2	RESERVED FOR USER
148	(94)	SIGNED	4	OSEVRVD6	RESERVED FOR DEVELOPMENT
152	(98)	SIGNED	4	OSETBYTE	Total byte count - the byte count contained here is a count of the number of spool buffers used and must be multiplied with the contents of field SIZEBUF to obtain the byte count
156	(9C)	ADDRESS	4	OSEOSS	ADDRESS OF OSS ENTRY
160	(A0)	SIGNED	4	OSETLINE	TOTAL LINE COUNT
164	(A4)	SIGNED	4	OSETPAGE	TOTAL PAGE COUNT
168	(A8)	SIGNED	4	OSETRECD	TOTAL RECORD COUNT
172	(AC)	ADDRESS	4	OSENEXTM(0)	ADDRESS OF NEXT MOSE
172	(AC)	SIGNED	4	OSEMRECD	MAXIMUM RECORD COUNT 0582
		START OF MASTER OSE SPECIFIC SECTION			
172	(AC)	X'B0'	0	OSEMSECT	"*" REMEMBER LOCATION COUNTER 0582
		THE FOLLOWING TABLE CONTAINS POINTERS TO THE LAST 0 OSS FOR THIS MOSE FOR EACH JOB PRIORITY FROM 0 ZERO TO 15. 0			
176	(B0)	ADDRESS	4	OSEOSPTY(0)	LAST OSS THIS JOB PRIORITY 0582
176	(B0)	X'10'	0	OSEOSTLN	"16" NUMBER OF ENTRIES IN TABLE 0582
176	(B0)	ADDRESS	4	OSEOSTBL(0)	TABLE OF OSS POINTERS 0582
240	(F0)	BITSTRING	1	OSEOSTBE(0)	END OF TABLE 0582
240	(F0)	BITSTRING	1	OSEMEND(0)	END OF MASTER OSE
		ALTHOUGH THERE ARE OTHER USES FOR THIS FIELD, THE MAIN REASON IS FOR THE IATGOSE ROUTINE TO USE THE LENGTH TO DETERMINE THE SIZE OF A NEWLY CREATED MOSE.			

Table 560. Structure OSEENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
240	(F0)	X'F0'	0	OSEMSIZE	"OSEMEND-OSEENTRY" SIZE OF MOSE
	START OF DISK OSE SPECIFIC SECTION 0				
176	(B0)	BITSTRING	8	OSERBA(0)	RBA OF CHECKPOINT (SYS)
176	(B0)	CHARACTER	8	OSETDEST	DESTINATION FOR TSO PRINT
184	(B8)	BITSTRING	12	OSESCFDB	D.FDB FOR SCHEDULED OSE
194	(C2)	SIGNED	2	OSEVOFST	W.Disk OSE variable entry offset
196	(C4)	SIGNED	2	OSEVARL	LENGTH OF THIS SEGMENT
198	(C6)	SIGNED	2	OSESEQNM	SPOOL OSE RECORD SEQ. NUM
200	(C8)	CHARACTER	8	OSEDDNAM	ACTIVE UNIT
200	(C8)	BITSTRING	2	OSESDOFS	OSE Dataset Offset
202	(CA)	BITSTRING	2	OSESJBIC	Compatible with OSESJBID - see IATXJBNO macro
204	(CC)	BITSTRING	4	OSESTRDC	SAPI Thread Count
208	(D0)	SIGNED	4	OSETIME(2)	STCK CLOCK VALUE
216	(D8)	SIGNED	2	OSEOSDR	OUTSERV FCT BUILD IDENTIFIER
218	(DA)	BITSTRING	4	OSESFLGS	OUTPUT STATEMENT CHARS. SPECIFICATION FLAG
218	(DA)	X'DA'	0	OSEFLAG4	"OSESFLGS,1" FLAG BYTE
	Definition of OSEFLAG4 - OUTPUT stmt characteristics				
		1...		OSESPRTY	"X'80'" PRTY= IN OUTPUT STATEMENT
		.1..		OSESFORM	"X'40'" FORMS= IN OUTPUT STATEMENT
		..1.		OSESDEST	"X'20'" DEST= IN OUTPUT STATEMENT
		...1		OSESCOPY	"X'10'" COPIES= IN OUTPUT STATEMENT
		.... 1...		OSESCPYS	"X'08'" COPIES SUBLIST IN OUTPUT STATEMENT
		.... .1..		OSESFCB	"X'04'" FCB= IN OUTPUT STMT
		.... ..1.		OSESUCS	"X'02'" UCS= IN OUTPUT STMT
		1		OSESWTR	"X'01'" WRITER= IN OUTPUT STMT
218	(DA)	X'DB'	0	OSEFLAG5	"OSESFLGS+1,1" FLAG BYTE
	Definition of OSEFLAG5 - OUTPUT stmt characteristics				
		1...		OSESCHAR	"X'80'" CHARS= IN OUTPUT STMT
		.1..		OSESFLSH	"X'40'" FLASH= IN OUTPUT STMT
		..1.		OSESFLCT	"X'20'" FLASH COUNT IN OUTPUT STMT
		...1		OSESMODI	"X'10'" MODIFY= IN OUTPUT STMT
		.... 1...		OSESMODR	"X'08'" MODIFY REFERENCE IN OUTPUT STATEMENT
		.... .1..		OSESTHRS	"X'04'" THRESHLD= IN OUTPUT STMT
		.... ..1.		OSESDST2	"X'02'" DESTINATION2 IN OUTPUT STATEMENT
		1		OSESCKPL	"X'01'" CKPTLINE= IN OUTPUT STMT
218	(DA)	X'DC'	0	OSEFLAG6	"OSESFLGS+2,1" FLAG BYTE
	Definition of OSEFLAG6 - OUTPUT stmt characteristics				
		1...		OSESCKPP	"X'80'" CKPTPAGE= IN OUTPUT STMT

Table 560. Structure OSEENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.1..		OSESCKSC	"X'40'" CKPTSEC= IN OUTPUT STMT
		..1.		OSESCTAB	"X'20'" COMPACT= IN OUTPUT STMT
		...1		OSESPRMD	"X'10'" PRMODE= IN OUTPUT STMT
		.... 1...		OSESBUST	"X'08'" BURST= IN OUTPUT STMT
		.... .1..		OSESCLAS	"X'04'" CLASS= IN OUTPUT STMT
		.... ..1.		OSEOIPAD	"X'02'" IPADDR in OUTPUT stmt
		1		OSEOFRMD	"X'01'" FORMDEF= in OUTPUT stmt
218	(DA)	X'DD'	0	OSEFLAG9	"OSESFLGS+3,1" Flag byte
		Definition of OSEFLAG9 - OUTPUT stmt characteristics			
		1...		OSEOPGED	"X'80'" PAGEDEF= in OUTPUT stmt
		.1..		OSEOODSP	"X'40'" OUTDISP= in OUTPUT stmt
		..1.		OSEFL920	"X'20'" Reserved for development
		...1		OSEFL910	"X'10'" Reserved for development
		.... 1...		OSEFL908	"X'08'" Reserved for development
		.... .1..		OSEFL904	"X'04'" Reserved for development
		.... ..1.		OSEFL902	"X'02'" Reserved for development
		1		OSEFL901	"X'01'" Reserved for development
222	(DE)	BITSTRING	4	OSEVRVD7	RESERVED FOR DEVELOPMENT
226	(E2)	BITSTRING	1	OSENJE1	NJE FLAG
		SETTINGS FOR OSENJE1			
		1...		OSENJEJB	"X'80'" OSE FOR NJE INPUT JOB
		.1..		OSENJEOP	"X'40'" OSE FOR NJE OUTPUT JOB
		..1.		OSEFRUCS	"X'20'" SPECIFIC UCS REQUEST
		...1		OSEFRFMS	"X'10'" SPECIFIC FORMS REQUEST
		.... 1...		OSEFRCAR	"X'08'" SPECIFIC CARRIAGE REQUEST
		.... .1..		OSNJ3800	"X'04'" SPECIFIC 3800 REQUEST
		.... ..1.		OSEDFFLH	"X'02'" DEFAULT FLASH REQUEST
227	(E3)	BITSTRING	1	OSEFLAG7	FLAG BYTE
		SETTINGS FOR OSEFLAG7			
		1...		OSEUTVS	"X'80'" USE THIS VARIABLE SECTION - THERE IS MORE SYSOUT TO PROCESS IN THIS VAR SEC
		.1..		OSEDFFCB	"X'40'" DEFAULT FCB/CARR REQUEST
		..1.		OSEDFUCS	"X'20'" DEFAULT UCS REQUEST
		...1		OSEDFCHR	"X'10'" DEFAULT CHARS REQUEST
		.... 1...		OSEWTRN	"X'08'" OSEWTRNM is a writer name, not a userid
		.... .1..		OSE7RSV5	"X'04'" RESERVED FOR SERVICE
		.... ..1.		OSE7RSV6	"X'02'" RESERVED FOR SERVICE
		1		OSE7RSV7	"X'01'" RESERVED FOR SERVICE
228	(E4)	BITSTRING	1	OSEFLAG8	Flag byte
		Settings for OSEFLAG8			

Table 560. Structure OSEENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		OSESAPI	"X'80'" OSE scheduled to SAPI thread
		.1..		OSEWQMHQ	"X'40'" OSE moved from WTR to HOLD Q
		..1.		OSEFRMDF	"X'20'" FORMDEF exists
		...1		OSEPGEDF	"X'10'" PAGEDEF exists
		.... 1...		OSEFRP	"X'08'" FRP exists for this OSE - to determine if direct FORMAT stmt exist, JDS flag JDSPRFRP or JDSPNFRP must be on (ds level)
		.... .1..		OSEPUNDS	"X'04'" Punch dataset on HOLD queue - if ds on hold queue and flag is not set, ds is a print ds
		.... ..1.		OSEPUNVL	"X'02'" OSEPUNDS is valid (needed for migration purposes)
		1		OSEMODED	"X'01'" OSE is being modified This flag is turned off before the OSE is SPOOLed
229	(E5)	BITSTRING	1	OSEVRVD8	RESERVED FOR DEVELOPMENT
230	(E6)	SIGNED	2	OSEBJNUM	BDT JOB NUMBER IN BINARY
232	(E8)	BITSTRING	4	OSEOTBIN	OUTBIN ID 0146
	The bits in OSEFLGSM keep track of which OSE characteristics have been modified. This could have been done through operator MODIFY, PSO, or SAPI, or by being specified on a direct / FORMAT statement.				
236	(EC)	BITSTRING	4	OSEFLGSM(0)	Modified Characteristics Specification Flags
236	(EC)	BITSTRING	1	OSEFLGM1	Modified flag byte 1
	Definition of OSEFLGM1 - Modified characteristics				
		1...		OSEMPRTY	"X'80'" PRTY has been modified
		.1..		OSEMFORM	"X'40'" FORMS has been modified
		..1.		OSEMDEST	"X'20'" DEST has been modified
		...1		OSEM1010	"X'10'" Reserved for IBM
		.... 1...		OSEM1008	"X'08'" Reserved for IBM
		.... .1..		OSEMFCB	"X'04'" FCB has been modified
		.... ..1.		OSEMUCS	"X'02'" UCS has been modified
		1		OSEMWTR	"X'01'" WTR has been modified
237	(ED)	BITSTRING	1	OSEFLGM2	Modified flag byte 2
	Definition of OSEFLGM2 - Modified characteristics				
		1...		OSEMCHAR	"X'80'" CHARS has been modified
		.1..		OSEMFLSH	"X'40'" FLASH has been modified
		..1.		OSEM2020	"X'20'" Reserved for IBM
		...1		OSEMMODI	"X'10'" MODIFY has been modified
		.... 1...		OSEMMODR	"X'08'" MODIFY REFERENCE has been modified
		.... .1..		OSEMTHRS	"X'04'" THRESHOLD has been modified
		.... ..1.		OSEM2002	"X'02'" Reserved for IBM
		1		OSEM2001	"X'01'" Reserved for IBM
238	(EE)	BITSTRING	1	OSEFLGM3	Modified flag byte 3

Table 560. Structure OSEENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		Definition of OSEFLGM3 - Modified characteristics			
		1...		OSEM3080	"X'80'" Reserved for IBM
		.1..		OSEM3040	"X'40'" Reserved for IBM
		..1.		OSEM3020	"X'20'" Reserved for IBM
		...1		OSEMPRMD	"X'10'" PRMODE has been modified
		.... 1...		OSEMBUST	"X'08'" BURST has been modified
		.... .1..		OSEM3004	"X'04'" Reserved for IBM
		.... ..1.		OSEMIPAD	"X'02'" IP ADDR has been modified (directly or indirectly via secondary dest)
		1		OSEMFRMD	"X'01'" FORMDEF has been modified
239	(EF)	BITSTRING	1	OSEFLGM4	Modified flag byte 4
		Definition of OSEFLGM4 - Modified characteristics			
		1...		OSEMPGED	"X'80'" PAGEDEF has been modified
		.1..		OSEMDEVT	"X'40'" Specific type has been modified
		..1.		OSEMDSID	"X'20'" DSID has been modified
		...1		OSEMOTBN	"X'10'" OUTBIN has been modified
		.... 1...		OSEMODSP	"X'08'" OUTDISP has been modified
		.... .1..		OSEM4004	"X'04'" Reserved for IBM
		.... ..1.		OSEM4002	"X'02'" Reserved for IBM
		1		OSEM4001	"X'01'" Reserved for IBM
240	(F0)	BITSTRING	1	OSEDSHNO	Dataset header index no.
241	(F1)	BITSTRING	3	OSEVRVS2	RESERVED FOR SERVICE
244	(F4)	SIGNED	4	OSESJBID	SAPI Application job id
248	(F8)	SIGNED	4	OSEVRVS3	Reserved for IBM
252	(FC)	SIGNED	4	OSEVRVU3	RESERVED FOR USER
256	(100)	BITSTRING	1	OSEVEND(0)	END OF VARIABLE SECTION
256	(100)	BITSTRING	1	OSEVSIZE(0)	LENGTH OF VARIABLE SECT.
		OSE DATASET SECTION A DATASET SECTION EXISTS FOR EVERY PRINT INSTANCE THAT HAS TO BE MADE. A DATASET SECTION IS UNDER THE CONTROL OF A VARIABLE SECTION. THE DATASET SECTION CONTAINS INFORMATION WHICH IS UNIQUE TO A PRINT INSTANCE. THE DATASET SECTION WILL ALSO DETAIL THE STATUS OF WHERE THE DATASET IS IN RELATION TO COMPLETION.			
256	(100)	SIGNED	4	OSEJDSPT	POINTER TO JDS ENTRY
260	(104)	BITSTRING	1	OSEDFTA	FIRST SPOOL ADDRESS (M.R)
260	(104)	X'104'	0	OSEJBNUM	"OSEDFTA,4" JOB # (MIXED) - J=PROCESSING
260	(104)	X'104'	0	OSEJOBRQ	"OSEDFTA,4" JOB RESQUE FOR J= PROCESSING
266	(10A)	SIGNED	2	OSEDRVU1	RESERVED FOR USER
268	(10C)	SIGNED	4	OSEDLNCT	DATA SET LINE COUNT
272	(110)	SIGNED	4	OSEDPGCT	DATA SET PAGE COUNT
276	(114)	SIGNED	4	OSEDRCCT	DATA SET RECORD COUNT
280	(118)	BITSTRING	1	OSECOPY	IMPACT PRINTER COPY COUNT

Table 560. Structure OSEENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
281	(119)	BITSTRING	3	OSEDBYTE	Data set byte count - the byte count contained here is a count of the number of spool buffers used and must be multiplied with the contents of field SIZEBUF to obtain the byte count
284	(11C)	CHARACTER	4	OSEJOBNO(0)	JOB NUMBER (MIXED)
284	(11C)	BITSTRING	8	OSECOPYE	3800 COPY DISTRIBUTION
292	(124)	BITSTRING	20	OSEDCKPT(0)	CHECKPOINT AREA
292	(124)	BITSTRING	0	OSEDNOTE(0)	CHECKPOINT DATA SET NOTE
292	(124)	BITSTRING	6	OSEDCTRK	SPOOL ADDRESS (M.R)
298	(12A)	BITSTRING	2	OSEDCOFF	OFFSET TO RECORD IN BLOCK
300	(12C)	BITSTRING	1	OSEDCCPY	CURRENT COPY NUMBER
301	(12D)	BITSTRING	3	OSEDRVD2	RESERVED FOR DEVELOPMENT
304	(130)	SIGNED	4	OSEDCPGE	CURRENT SMF PAGE CT (CHAN 1)
308	(134)	SIGNED	4	OSEDCRCD	CURRENT SMF RECORD COUNT
END OF CHECKPOINT DATA.					
312	(138)	BITSTRING	1	OSEDFLG1	DATASET FLAG BYTE
DEFINITION OF OSEDFLG1					
		1...		OSEOVFL	"X'80'" OVERFLOW ON CH. 12
		.1..		OSEINT	"X'40'" PUNCH OUTPUT IS TO BE INT.
		..1.		OSEOPCDJ	"X'20'" OPTCD=J WAS SPECIFIED
		...1		OSEEJCT	"X'10'" FORCE EJECT
		.... 1...		OSEASA	"X'08'" ASA CONTROL CHARACTERS
		.... .1..		OSEMCH	"X'04'" MACHINE CONTROL CHARACTERS
		.... ..1.		OSESPC2	"X'02'" SPACE OUTPUT DOUBLE
		1		OSESPC1	"X'01'" SPACE OUTPUT SINGLE
313	(139)	BITSTRING	1	OSEDFLG2	FLAG BYTE
DEFINITION OF OSEDFLG2					
		1...		OSEDHOLD	"X'80'" THIS ENTRY HELD - (WHEN SETTING OSEDHOLD, OSEDTYPE MUST ALSO BE SET. IF HOLD TYPE IS SYSTEM HOLD, OSEDRSN MUST ALSO BE SET).
		.1..		OSEDPEND	"X'40'" DATASET HAS BEEN PROCESSED BUT COMPLETION STILL PENDING
		..1.		OSEOPCAN	"X'20'" OPERATOR CANCELLED OUTPUT
		...1		OSEPSOAF	"X'10'" PSO IATXSEC AUTH CALL 0433 FAILED FOR THIS DATA SET 0433
		.... 1...		OSEDONE	"X'08'" OUTPUT IS COMPLETE
		.... .1..		OSERSTD	"X'04'" OPERATOR RESTARTED DATA SET
		.... ..1.		OSETHOLD	"X'02'" HOLD AFTER TSO OUTPUT
		1		OSESPNOF	"X'01'" DATA SET IS SPINOFF
314	(13A)	BITSTRING	1	OSEDFLG3	FLAG BYTE
DEFINITION OF OSEDFLG3					
314	(13A)	X'13A'	0	OSECHTP	"OSEDFLG3" CHAIN SIZE FOR LOGICAL

Table 560. Structure OSEENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		RECORDS TRANSMITTED TO A SNA LU			
		1...		OSEDSTAT	"X'80'" DATA SET TAT EXISTS
		.1..		OSESINGL	"X'40'" COMMAND WAS *START,SINGLE
		..1.		OSEINTDF	"X'20'" PUN INTRPT=NO SPECIFIED
		.... .1..		OSEDSET	"X'04'" CHAIN SIZE IS A DATASET
		.... ..1.		OSEDSVAL	"X'02'" CHN SIZE SPECIFIED ON SYSOUT,FORMAT
		1		OSENPRCS	"X'01'" DATASET HAS BEEN MODIFIED AND CANNOT BE RE-PROCESSED BY A RESTART COMMAND.
315	(13B)	BITSTRING	1	OSEDFLG4	FLAG BYTE
		DEFINITION OF OSEDFLG4			
		1...		OSEXWTRH	"X'80'" Output held for external writer
		.1..		OSEBUOUT	"X'40'" THIS OSE BUILT USING AN OUTPUT STATEMENT
		..1.		OSEFSCKI	"X'20'" FSA CHECKPOINT INVALID
		...1		OSEDCPDS	"X'10'" COMPOSED PAGE DATA STREAM CC#415
		.... 1...		OSEDNFSA	"X'08'" NON-FSA CHECKPOINT ORIGIN
		.... .1..		OSEDFCPY	"X'04'" COPIES VALUE IS A DEFAULT 0022
		.... ..1.		OSEDSENF	"X'02'" SAPI requested ENF signals
316	(13C)	BITSTRING	1	OSEDFLG5	FLAG BYTE
		DEFINITION OF OSEDFLG5			
		1...		OSESEPT	"X'80'" SEPARATELY SCHEDULABLE
		.1..		OSEDOIX	"X'40'" Indicates the existence of a DOI. If the flag is on by itself, it indicates a FAKE DOI (i.e. the format is different)
		..1.		OSEDOIV	"X'20'" DOI is valid
		...1		OSEBFENF	"X'10'" The OSE Buffer number has been determined and a Token Change ENF signal is needed
		.... 1...		OSEDOIA	"X'08'" DOI is for APPC
		.... .1..		OSEDSFDF	"X'04'" FORMDEF exists for dataset
		.... ..1.		OSEDSPDF	"X'02'" PAGEDEF exists for dataset
		1		OSEDCTKN	"X'01'" Allocation CTOKEN was requested for this data set
317	(13D)	BITSTRING	1	OSEODISP	Output disposition (OUTDISP)
		1...		OSEODWRT	"X'80'" WRITE output disposition
		.1..		OSEODHLD	"X'40'" HOLD output disposition
		..1.		OSEODKEP	"X'20'" KEEP output disposition
		...1		OSEODLEV	"X'10'" LEAVE output disposition
		.... 1...		OSEODPRG	"X'08'" PURGE output disposition
		1111 1...		OSEODANY	"X'F8'" ANY output disposition set
318	(13E)	BITSTRING	1	OSEFLCNT	FORMS FLASH COUNT
319	(13F)	BITSTRING	1	OSECOPYT	TOTAL 3800 COPY COUNT

Table 560. Structure OSEENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
320	(140)	BITSTRING	2	OSECHNSZ(0)	CHAIN SIZE THIS DS
320	(140)	BITSTRING	1	OSEPGNUM	NUM OF PAGES IN SNA CHAIN
321	(141)	BITSTRING	1	OSEPGSZ	NUM OF LOGICAL RECORDS PER
		PAGE IF CARRIAGE CONTROL NOT USED			
322	(142)	CHARACTER	8	OSECTABN	COMPACTION TABLE NAME
322	(142)	X'142'	0	OSEJOBNM	"OSECTABN,8" JOB NAME FOR OSMP PROCESSING
330	(14A)	CHARACTER	8	OSEDEST2	NETWORK SECONDARY DESTINATION
338	(152)	CHARACTER	8	OSERMTWR	REMOTE WRITER ID FOR NETWORK
346	(15A)	SIGNED	2	OSESWBID	OUTPUT GROUPING TOKEN
348	(15C)	CHARACTER	14	OSEDRVD4	RESERVED FOR DEVELOPMENT
362	(16A)	BITSTRING	2	OSEFLG2M	Modified characteristics specification flags
362	(16A)	X'16A'	0	OSEFLGM5	"OSEFLG2M,1" Modified flag 5
		Definition of OSEFLGM5 - Modified characteristics			
		1...		OSEMCHN	"X'80'" CHNSIZE has been modified
		.1..		OSEMCTAB	"X'40'" CTABN has been modified
		..1.		OSEMCPY	"X'20'" COPIES has been modified
		...1		OSEMCPYS	"X'10'" COPIES sublist has been modified
		.... 1...		OSEMFLCT	"X'08'" FLASH count has been modified
		.... .1..		OSEMINT	"X'04'" INT has been modified
		.... ..1.		OSEMOVFL	"X'02'" OVFL has been modified
		1		OSEMSPC	"X'01'" CONTROL has been modified
362	(16A)	X'16B'	0	OSEFLGM6	"OSEFLG2M+1,1" Modified flag 6
		Definition of OSEFLGM6 - Modified characteristics			
		1...		OSEMDST2	"X'80'" Secondary DEST has been modified (directly or indirectly by NIP=)
		.1..		OSEM6040	"X'40'" Reserved for IBM
		..1.		OSEM6020	"X'20'" Reserved for IBM
		...1		OSEM6010	"X'10'" Reserved for IBM
		.... 1...		OSEM6008	"X'08'" Reserved for IBM
		.... .1..		OSEM6004	"X'04'" Reserved for IBM
		.... ..1.		OSEM6002	"X'02'" Reserved for IBM
		1		OSEUPJDS	"X'01'" Update JDSOSENO - flag is never written to spool
364	(16C)	SIGNED	4	OSEDCTPG	COMPLETE XMISSION PAGE COUNT2668
368	(170)	SIGNED	4	OSEDCUPG	CURRENT XMISSION PAGE COUNT 2668
372	(174)	SIGNED	2	OSECKPL	MAX LINES IN A LOGICAL PAGE
374	(176)	SIGNED	2	OSECKPP	MAX PAGES BEFORE NEXT CHKPT
376	(178)	SIGNED	2	OSECKPS	MAX SECONDS BETWEEN CHKPTS
378	(17A)	BITSTRING	12	OSEDDSID	FSS DATA SET ID FOR THIS DS
390	(186)	BITSTRING	12	OSEDRVU2	RESERVED FOR USER
402	(192)	BITSTRING	12	OSEDFSCP	FSA CHECKPOINT FDB

Table 560. Structure OSEENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
414	(19E)	BITSTRING	32	OSEOTSWB	OUTPUT SWB FDB
446	(1BE)	BITSTRING	2	OSEDPDQC	PDQ ENTRY CHECKPOINT (PDQFLG2+3 COPY)
446	(1BE)	X'1BF'	0	OSEDPDQ3	"OSEDPDQC+1" PDQFLG3 position
		SEE IAZOHLD MAPPING MACRO FOR MORE INFORMATION ABOUT HOLD TYPES AND SYSTEM HOLD REASONS.			
448	(1C0)	BITSTRING	2	OSEDRVD5	RESERVED FOR DEVELOPMENT
450	(1C2)	BITSTRING	1	OSEDTYPE	DATA SET HOLD TYPE
451	(1C3)	BITSTRING	1	OSEDRSN	DATA SET HOLD REASON
452	(1C4)	SIGNED	2	OSEDRVS2(4)	RESERVED FOR SERVICE
460	(1CC)	CHARACTER	8	OSEMIDSE	FSS/FSA RELDS MESSAGE ID D011
468	(1D4)	SIGNED	4	OSERSV00	Reserved for IBM This field may be reclaimed when release HJS7703 is no longer in service
472	(1D8)	SIGNED	4	OSEDSNUM	Dataset number from CTOKEN
476	(1DC)	SIGNED	4	OSEDRVD6	Reserved for development
476	(1DC)	X'1E0'	0	OSEDEND	"*"
480	(1E0)	BITSTRING	1	OSEDSIZE(0)	LENGTH OF DS ELEMENT

Table 561. Cross Reference for IATYOSE

Name	Offset	Hex Tag
OSEAIDS	8D	20
OSEAROUT	8E	8
OSEASA	138	8
OSEBDT	8F	80
OSEBFENF	13C	10
OSEBFLG1	8F	
OSEBFLG2	90	
OSEBF201	90	1
OSEBF202	90	2
OSEBF204	90	4
OSEBF210	90	10
OSEBF220	90	20
OSEBJNUM	E6	
OSEBQUED	90	40
OSEBSENT	90	80
OSEBTS	74	E2
OSEBUOUT	13B	40
OSEBURST	2F	
OSECANPD	8E	4
OSECARR	20	
OSECFS	74	C3
OSECHARS	64	
OSECHN	C	0
OSECHNSZ	140	
OSECHTP	13A	13A
OSECKPL	174	

Table 561. Cross Reference for IATYOSE (continued)

Name	Offset	Hex Tag
OSECKPP	176	
OSECKPS	178	
OSECL	8D	
OSECLASS	75	
OSECMPLT	8C	80
OSECNT	6	0
OSECNT4	5C	
OSECOPY	118	
OSECOPYE	11C	
OSECOPYT	13F	
OSECPYMK	26	
OSECTABN	142	
OSEDATA	1C	
OSEDBYTE	119	
OSEDCCPY	12C	
OSEDCKPT	124	
OSEDCOFF	12A	
OSEDCPDS	13B	10
OSEDCPGE	130	
OSEDCRCD	134	
OSEDCTKN	13C	1
OSEDCTPG	16C	
OSEDCTRK	124	
OSEDCUPG	170	
OSEDDNAM	C8	
OSEDDSID	17A	
OSEDEND	1DC	1E0
OSEDEST	8	
OSEDEST2	14A	
OSEDFCHR	E3	10
OSEDFCPY	13B	4
OSEDFFCB	E3	40
OSEDFFLH	E2	2
OSEDFLG1	138	
OSEDFLG2	139	
OSEDFLG3	13A	
OSEDFLG4	13B	
OSEDFLG5	13C	
OSEDFSCP	192	
OSEDFTA	104	
OSEDFUCS	E3	20
OSEDHOLD	139	80
OSEDJRST	20	10
OSEDLNCT	10C	
OSEDNFSA	13B	8
OSEDNOTE	124	

Table 561. Cross Reference for IATYOSE (continued)

Name	Offset	Hex Tag
OSEDOIA	13C	8
OSEDOIV	13C	20
OSEDOIX	13C	40
OSEDONE	139	8
OSEDPDQC	1BE	
OSEDPDQ3	1BE	1BF
OSEDPEND	139	40
OSEDPGCT	110	
OSEDRCCT	114	
OSEDRSN	1C3	
OSEDRVD2	12D	
OSEDRVD4	15C	
OSEDRVD5	1C0	
OSEDRVD6	1DC	
OSEDRVS2	1C4	
OSEDRVU1	10A	
OSEDRVU2	186	
OSEDS	8F	4
OSEDSENF	13B	2
OSEDSET	13A	4
OSEDSFDF	13C	4
OSEDSH	8F	8
OSEDSHNO	F0	
OSEDSID	28	
OSEDSIZE	1E0	
OSEDSNUM	1D8	
OSEDSPDF	13C	2
OSEDSTAT	13A	80
OSEDSVAL	13A	2
OSEDTYPE	1C2	
OSEEJCT	138	10
OSEENTRY	0	
OSEFEND	60	
OSEFIXL	1C	
OSEFJDVT	34	
OSEFLAG	8C	
OSEFLAG2	8D	
OSEFLAG3	8E	
OSEFLAG4	DA	DA
OSEFLAG5	DA	DB
OSEFLAG6	DA	DC
OSEFLAG7	E3	
OSEFLAG8	E4	
OSEFLAG9	DA	DD
OSEFLASH	5C	
OSEFLCNT	13E	

Table 561. Cross Reference for IATYOSE (continued)

Name	Offset	Hex Tag
OSEFLGM1	EC	
OSEFLGM2	ED	
OSEFLGM3	EE	
OSEFLGM4	EF	
OSEFLGM5	16A	16A
OSEFLGM6	16A	16B
OSEFLGSM	EC	
OSEFLG2	8D	8D
OSEFLG2M	16A	
OSEFL901	DA	1
OSEFL902	DA	2
OSEFL904	DA	4
OSEFL908	DA	8
OSEFL910	DA	10
OSEFL920	DA	20
OSEFORMS	18	
OSEFRCAR	E2	8
OSEFRFMS	E2	10
OSEFRMDF	E4	20
OSEFRP	E4	8
OSEFRUCS	E2	20
OSEFSCKI	13B	20
OSEFSIZE	60	
OSEFSS	8E	80
OSEGROUP	0	
OSEGRPID	38	
OSEHDR	2E	
OSEHRVS1	21	
OSEHRVS2	32	
OSEHRVS3	52	
OSEID	8	D6E2C540
OSEINT	138	40
OSEINTDF	13A	20
OSEIPADR	79	80
OSEJBNUM	104	104
OSEJDSJN	28	
OSEJDSPT	100	
OSEJH	8F	10
OSEJOBC	24	
OSEJOBN	58	
OSEJOBNM	142	142
OSEJOBNO	11C	
OSEJOBRQ	104	104
OSEJT	8F	2
OSEJTYPE	8F	40
OSELNLIM	8E	40

Table 561. Cross Reference for IATYOSE (continued)

Name	Offset	Hex Tag
OSELOAD	8D	1
OSEMARK	27	
OSEMBUST	EE	8
OSEMCH	138	4
OSEMCHAR	ED	80
OSEMCHN	16A	80
OSEMCL1	40	
OSEMCL2	7C	
OSEMCOPY	8E	1
OSEMCPY	16A	20
OSEMCPYS	16A	10
OSEMCTAB	16A	40
OSEMDEST	EC	20
OSEMDEVT	EF	40
OSEMDSID	EF	20
OSEMDST2	16A	80
OSEMEND	F0	
OSEMFCB	EC	4
OSEMFLAG	20	
OSEMFLCT	16A	8
OSEMFLG1	79	
OSEMFLSH	ED	40
OSEMFL01	79	1
OSEMFL02	79	2
OSEMFL04	79	4
OSEMFL08	79	8
OSEMFL10	79	10
OSEMFL20	79	20
OSEMFL40	79	40
OSEMFORM	EC	40
OSEMFRMD	EE	1
OSEMIDSE	1CC	
OSEMINT	16A	4
OSEMIPAD	EE	2
OSEMMODI	ED	10
OSEMMODR	ED	8
OSEMODE	30	
OSEMODED	E4	1
OSEMODID	60	
OSEMODRC	76	
OSEMODSP	EF	8
OSEMOSE	8D	10
OSEMOTBN	EF	10
OSEMOVFL	16A	2
OSEMPGED	EF	80
OSEMPRMD	EE	10

Table 561. Cross Reference for IATYOSE (continued)

Name	Offset	Hex Tag
OSEMPRTY	EC	80
OSEMRECD	AC	
OSEMSECT	AC	B0
OSEMSIZE	F0	F0
OSEMSPC	16A	1
OSEMTHRS	ED	4
OSEMUCS	EC	2
OSEMWTR	EC	1
OSEM1008	EC	8
OSEM1010	EC	10
OSEM2001	ED	1
OSEM2002	ED	2
OSEM2020	ED	20
OSEM3004	EE	4
OSEM3020	EE	20
OSEM3040	EE	40
OSEM3080	EE	80
OSEM4001	EF	1
OSEM4002	EF	2
OSEM4004	EF	4
OSEM6002	16A	2
OSEM6004	16A	4
OSEM6008	16A	8
OSEM6010	16A	10
OSEM6020	16A	20
OSEM6040	16A	40
OSENCHAR	60	4
OSENEXTM	AC	
OSENJEJB	E2	80
OSENJEOP	E2	40
OSENJE1	E2	
OSENOIP	79	D5
OSENPRCS	13A	1
OSENTSV	18	
OSEODANY	13D	F8
OSEODHLD	13D	40
OSEODISP	13D	
OSEODKEP	13D	20
OSEODLEV	13D	10
OSEODPRG	13D	8
OSEODWRT	13D	80
OSEOFRMD	DA	1
OSEOIPAD	DA	2
OSEOODSP	DA	40
OSEOPCAN	139	20
OSEOPCDJ	138	20

Table 561. Cross Reference for IATYOSE (continued)

Name	Offset	Hex Tag
OSEOPEND	8C	4
OSEOPGED	DA	80
OSEOSDR	D8	
OSEOSEND	88	
OSEOSPTY	B0	
OSEOSS	9C	
OSEOSTBE	F0	
OSEOSTBL	B0	
OSEOSTLN	B0	10
OSEOTBIN	E8	
OSEOTSWB	19E	
OSEOVERF	20	20
OSEOVFL	138	80
OSEPBFDL	20	40
OSEPEND	8C	20
OSEPGEDF	E4	10
OSEPGLIM	8E	20
OSEPGNUM	140	
OSEPGSZ	141	
OSEPMVAL	8D	10
OSEPRTY	77	
OSEPSCHR	2A	
OSEPSFHR	29	
OSEPSFLH	2C	
OSEPSMHR	2D	
OSEPSMOD	28	
OSEPSOAF	139	10
OSEPSTHR	31	
OSEPSUHR	2B	
OSEPUNDS	E4	4
OSEPUNVL	E4	2
OSEQAV	8D	4
OSEQSEP	8D	8
OSERBA	B0	
OSERCLIM	8E	10
OSERCOFF	2E	
OSERCOPY	30	
OSERCTRK	28	
OSERCUPG	48	
OSEREF	8D	80
OSERLNES	4C	
OSERMTD	8C	8
OSERMTWR	152	
OSERNOTE	28	
OSERNTRY	50	
OSERPGE	40	

Table 561. Cross Reference for IATYOSE (continued)

Name	Offset	Hex Tag
OSERPGES	3C	3C
OSERRCD	44	
OSERSTD	139	4
OSERSTND	8D	40
OSERSV00	1D4	
OSESAPI	E4	80
OSESBUST	DA	8
OSESCFDB	B8	
OSESCHAR	DA	80
OSESCHD	8C	40
OSESCKPL	DA	1
OSESCKPP	DA	80
OSESCKSC	DA	40
OSESCLAS	DA	4
OSESCOPY	DA	10
OSESCPYS	DA	8
OSESCTAB	DA	20
OSESDEST	DA	20
OSESDOFS	C8	
OSESDST2	DA	2
OSESECBL	50	
OSESECT2	50	58
OSESEPT	13C	80
OSESEQNM	C6	
OSESFCB	DA	4
OSESFLCT	DA	20
OSESFLGS	DA	
OSESFLSH	DA	40
OSESFORM	DA	40
OSESINGL	13A	40
OSESJBIC	CA	
OSESJBID	F4	
OSESMODI	DA	10
OSESMODR	DA	8
OSESOSS	8E	2
OSESPC1	138	1
OSESPC2	138	2
OSESPNOF	139	1
OSESPRMD	DA	10
OSESPRTY	DA	80
OSESQSEP	8D	2
OSESTACK	74	
OSESTART	0	
OSESTHRS	DA	4
OSESTRDC	CC	
OSESTYPE	8F	20

Table 561. Cross Reference for IATYOSE (continued)

Name	Offset	Hex Tag
OSESUCS	DA	2
OSESWBID	15A	
OSESWTR	DA	1
OSESYS	8C	2
OSESYSOT	78	
OSETBYTE	98	
OSETCP	90	8
OSETDEST	B0	
OSETEMP	8F	1
OSETHOLD	139	2
OSETIME	D0	
OSETLINE	A0	
OSETOTL	1E	
OSETPAGE	A4	
OSETPID	40	
OSETRECD	A8	
OSETRK	0	0
OSETSO	8C	1
OSETYPE	10	
OSEUCS	58	
OSEUPJDS	16A	1
OSEUSRID	48	
OSEUTVS	E3	80
OSEVARL	C4	
OSEVEND	100	
OSEVLID	18	0
OSEVOFST	C2	
OSEVRVD5	7A	
OSEVRVD6	94	
OSEVRVD7	DE	
OSEVRVD8	E5	
OSEVRVS1	84	
OSEVRVS2	F1	
OSEVRVS3	F8	
OSEVRVU1	7C	
OSEVRVU2	92	
OSEVRVU3	FC	
OSEVSIZE	100	
OSEWAREA	28	
OSEWCVAL	8D	40
OSEWHOLD	8C	10
OSEWQMHQ	E4	40
OSEWRITE	20	80
OSEWSI	88	88
OSEWSIMX	3C	
OSEWSVAL	8D	20

Table 561. Cross Reference for IATYOSE (continued)

Name	Offset	Hex Tag
OSEWTRN	E3	8
OSEWTRNM	10	
OSEXPRTY	91	
OSEXT	78	C5
OSEXWTRH	13B	80
OSEYESIP	79	E8
OSE7RSV5	E3	4
OSE7RSV6	E3	2
OSE7RSV7	E3	1
OSNJ3800	E2	4

IATYOSPC information

IATYOSPC heading information

Common name: IATOSPC Work Area

Macro ID: IATYOSPC

DSECT name: OSPCSTRT

Owning component: JES3 (SC1BA)

Eye-catcher ID: OSPCWORK
Offset: 0
Length: 8

Storage attributes: Main Storage: Any
Subpool: 0
Key: 1
Data Space: N/A

Size: OSPCWKSZ bytes

Created by: IATOSPC

Pointed to by: WSPYOSPC in IATYWSP

Serialization: None

Function: This macro maps a work area used by module IATOSPC.

IATYOSPC mapping

Table 562. Structure OSPCSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	OSPCSTRT	
0	(0)	CHARACTER	8	OSPCID	YOSPC eyecatcher
8	(8)	SIGNED	4	OSPCGMSZ	Size of area GETMAINed by IATOSPC (includes IATYOSPC and other control blocks)
12	(C)	ADDRESS	4	OSPCRST1	Reserved for IBM
16	(10)	ADDRESS	4	OSPCYU72	IATYUX72 address
20	(14)	ADDRESS	4	OSPCUX60	IATUX60 paremeter list addr
24	(18)	ADDRESS	4	OSPCTKNA	Security token address
28	(1C)	ADDRESS	4	OSPCJIB	JIB address for unallocate 07277SXC
32	(20)	ADDRESS	4	OSPCJIBX	JIB extension address 07277SXC
36	(24)	ADDRESS	4	OSPCRST4	Reserved for IBM
40	(28)	ADDRESS	4	OSPCRST5	Reserved for IBM

Table 562. Structure OSPCSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
44	(2C)	ADDRESS	4	OSPCRST6	Reserved for IBM
48	(30)	ADDRESS	4	OSPCOSED	OSE ds section **scaffold**
52	(34)	ADDRESS	4	OSPCJDSP	JDS entry address
52	(34)	X'10'	0	OSPCMXDS	"16" Maximum number of OSE data set sections in a variable section
56	(38)	SIGNED	4	OSPCRST9	Reserved for IBM
60	(3C)	ADDRESS	4	OSPCRSTA(0)	Reserved for IBM
124	(7C)	CHARACTER	1	OSPCENTI	SAF entity name
		ENF signalling processing fields			
180	(B4)	SIGNED	4	(0)	Alignment
180	(B4)	BITSTRING	80	OSPCCTKN	Client token (CTOKEN)
260	(104)	CHARACTER	18	OSPCRSTX	Reason text
		OSPCXOSN IATXOSEN MF=L IATXOSEN parameter list $SK = ENF58CK HJS7708 020916 ID1RS: z 1.5.0 IATXOSEN MF=L			
280	(118)	SIGNED	4	OSPCXOSN(0)	List form
280	(118)	ADDRESS	4		CTOKEN address
284	(11C)	ADDRESS	4		New client token address
288	(120)	ADDRESS	4		Address of system hold reason
292	(124)	ADDRESS	4		Address of reason text
296	(128)	ADDRESS	4		Address of checkpoint data
300	(12C)	BITSTRING	1	OSPCFLAG	IATYOSPC flag byte
		Definition of OSPCFLAG			
		1...		OSPCSPLT	"X'80'" Reserved for IBM
		.1..		OSPCWCHN	"X'40'" Reserved for IBM
		..1.		OSPCMLSP	"X'20'" Reserved for IBM
		...1		OSPC2BOS	"X'10'" Two-byte compatible OSE OSE buffer number needs to be returned
		.... 1...		OSPCD676	"X'08'" A DM676 condition (OSE sequence number too high for caller) was detected
		EQU X'04' . EQU X'02' . EQU X'01' .			
301	(12D)	BITSTRING	1	OSPCFLG2	IATYOSPC flag byte 2 07277SXA
		---------- 07277SXA Definition of OSPCFLG2 07277SXA ---------- 07277SXA			
		1...		OSPCRSDL	"X'80'" Residual staging area 07277SXA
		.1..		OSPCRSNT	"X'40'" Resent staging area 07277SXA
		..1.		OSPCDDEL	"X'20'" Data set deleted 07277SXA
		...1		OSPCPCMP	"X'10'" PSO PUT processing complete 07277SXA
		.... 1...		OSPCCKCL	"X'08'" JDAB checkpoint cleared 07277SXA

Table 562. Structure OSPCSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... .1..		OSPCF204	"X'04'" Reserved for IBM 07277SXA
		.... ..1.		OSPCF202	"X'02'" Reserved for IBM 07277SXA
		1		OSPCF201	"X'01'" Reserved for IBM 07277SXA
302	(12E)	BITSTRING	1	OSPCRSV1(2)	Reserved for IBM 07277SXC
304	(130)	BITSTRING	12	OSPCRSTB	Reserved for IBM 07277SXM
316	(13C)	SIGNED	4	OSPCRSV2(6)	Reserved for IBM
340	(154)	SIGNED	4	OSPCRSVU(2)	Reserved for user
348	(15C)	SIGNED	4	OSPCEND(0)	End of YOSPC data area
348	(15C)	X'15C'	0	OSPCWKSZ	"OSPCEND-OSPCSTRT" Size of YOSPC data area

Table 563. Cross Reference for IATYOSPC

Name	Offset	Hex Tag
OSPCCKCL	12D	8
OSPCCTKN	B4	0
OSPCDDEL	12D	20
OSPCD676	12C	8
OSPCEND	15C	
OSPCENTI	7C	40404040
OSPCFLAG	12C	0
OSPCFLG2	12D	0
OSPCF201	12D	1
OSPCF202	12D	2
OSPCF204	12D	4
OSPCGMSZ	8	
OSPCID	0	
OSPCJDSP	34	
OSPCJIB	1C	
OSPCJIBX	20	
OSPCMLSP	12C	20
OSPCMXDS	34	10
OSPCOSED	30	
OSPCPCMP	12D	10
OSPCRSDL	12D	80
OSPCRSNT	12D	40
OSPCRSTA	3C	
OSPCRSTB	130	0
OSPCRSTX	104	40404040
OSPCRST1	C	
OSPCRST4	24	
OSPCRST5	28	
OSPCRST6	2C	
OSPCRST9	38	
OSPCRSVU	154	
OSPCRSV1	12E	0
OSPCRSV2	13C	

Table 563. Cross Reference for IATYOSPC (continued)

Name	Offset	Hex Tag
OSPCSPLT	12C	80
OSPCSTRT	0	
OSPCTKNA	18	
OSPCUX60	14	
OSPCWCHN	12C	40
OSPCWKSZ	15C	15C
OSPCXOSN	118	
OSPCYU72	10	
OSPC2BOS	12C	10

IATYOSR information

IATYOSR programming interface information

IATYOSR is a programming interface.

IATYOSR heading information

Common name: OUTPUT SERVICE RESTART RECORD

Macro ID: IATYOSR

DSECT name: OSRSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: OSR
Offset: 0
Length: 4

Storage attributes: Main Storage: JESPOOL
Auxiliary Storage: N/A

Size: 56 Bytes

Created by: IATOSRS

Pointed to by: TVTOSRTQ IN THE TVT
TVTSOSRQ IN THE TVT
OSRNEXT IN THE OSR

Serialization: None

Function: THE OUTPUT SERVICE RESTART RECORD FACILITATES THE FSA WRITER RESTART AFTER A JES3 HOTSTART. IT HELPS TO IDENTIFY ALL OSES INVOLVED WITH AN FSA WRITER SO IT CAN BE RESYNCHRONIZED WITH THE ASSOCIATED FSS WRITER DSP.
OSRS ARE ALSO BUILT TO REPRESENT SCHEDULED WORK FOR SAPI APPLICATIONS. THE SAPI OSRS HELP REBUILD THE SAPI DATASPACE ON RESTARTS.

IATYOSR mapping

Table 564. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

Table 565. Structure OSRSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	OSRSTART	

Table 565. Structure OSRSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	CHARACTER	4	OSRID	CONTROL BLOCK IDENTIFIER
4	(4)	SIGNED	4	OSRNEXT	POINTER TO THE NEXT ELEMENT
8	(8)	BITSTRING	12	OSROSEPT	WOSE FDB POINTER
20	(14)	SIGNED	4	OSROSES4	OSE sequence number
24	(18)	SIGNED	2	OSROFST	DISK OSE ENTRY OFFSET
26	(1A)	SIGNED	2	OSRRSVS2	Reserved for IBM
28	(1C)	SIGNED	4	OSRRESQ	RESQUEUE ADDR OF RESTARTED JOB
32	(20)	BITSTRING	8	OSRDDNAM	JNAME OF WTR PROCESSING OSE
32	(20)	BITSTRING	2	OSRDOFST	OSE Dataset Offset
34	(22)	BITSTRING	2	OSRAPJBC	Compatible with OSRAPJBI - see IATXJBNO macro
36	(24)	BITSTRING	4	OSRTRDCT	SAPI Thread Count
40	(28)	SIGNED	4	OSRAPJBI	SAPI Application Job Number
44	(2C)	SIGNED	4	OSRRSVD2(2)	Reserved for IBM
52	(34)	SIGNED	4	OSRRSVS1	RESERVED FOR SERVICE
56	(38)	SIGNED	4	OSRRSVU1	RESERVED FOR USER
60	(3C)	BITSTRING	1	OSREND(0)	END OF IATYOSR MAP
60	(3C)	X'3C'	0	OSRLEN	"OSREND-OSRSTART" LENGTH OF THE OSR

Table 566. Cross Reference for IATYOSR

Name	Offset	Hex Tag
OSRAPJBC	22	
OSRAPJBI	28	
OSRDDNAM	20	
OSRDOFST	20	
OSREND	3C	
OSRID	0	D6E2D940
OSRLEN	3C	3C
OSRNEXT	4	
OSROFST	18	
OSROSEPT	8	
OSROSES4	14	
OSRRESQ	1C	
OSRRSVD2	2C	
OSRRSVS1	34	
OSRRSVS2	1A	
OSRRSVU1	38	
OSRSTART	0	
OSRTRDCT	24	

IATYOSS information

IATYOSS programming interface information

IATYOSS is a programming interface.

IATYOSS heading information

Common name: OUTPUT SERVICE SUMMARY ELEMENT

Macro ID: IATYOSS

DSECT name: OSSSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: OSS
Offset: 0
Length: 4

Storage attributes: Main Storage: JESPOOL
Auxiliary Storage: N/A
Subpool: 0
Key: 1
Residency: ANY

Size: 188 Bytes

Created by: IATOSGP

Pointed to by: OSS ENTRIES ARE CHAINED BY MOSE AND JOB. EACH OSS BELONGS TO ONE MOSE AND ONE JOB. OSEOSS POINTS TO THE FIRST OSS ON A MOSE'S OSS CHAIN. RQOSSTOP POINTS TO THE FIRST OSS ON A JOBS'S OSS CHAIN.

Serialization: None

Function: THE OSS CONTROL BLOCK CONTAINS SUMMARY INFORMATION FOR ONE OR MORE OSE'S. ALL OF THE OSE'S REPRESENTED BY THE OSS ARE IDENTICAL IN ALL CHARACTERISTICS EXCEPT LINE, PAGE OR SPOOL RECORD COUNT. THE OSS IS AN IN STORAGE CONTROL BLOCK THAT ENABLES OUTPUT SERVICE TO DETERMINE IF A JOB HAS OSE'S THAT CAN BE SCHEDULED TO A PARTICULAR WRITER, WITHOUT HAVING TO EXAMINE THE OSE'S ON THE SPOOL.

IATYOSS mapping

Table 567. Structure OSSSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	OSSSTART	
		OSSCHAIN IS USED IN IATOSGP TO POINT TO THE NEXT AVAILABLE OSS ENTRY IN THE POOL FROM WHICH OSS ENTRIES ARE OBTAINED.			
0	(0)	SIGNED	4	(0)	FULLWORD ALIGNMENT
0	(0)	CHARACTER	4	OSSID	OSS EYECATCHER
4	(4)	SIGNED	4	OSSCHAIN	NEXT OSS ENTRY THIS JOB
8	(8)	ADDRESS	4	OSSNEXT	NEXT OSS ENTRY THIS OSE
12	(C)	ADDRESS	4	OSSPREV	PREVIOUS OSS ENTRY THIS OSE 0582
16	(10)	ADDRESS	4	OSSOSE	MASTER OSE ADDRESS
20	(14)	ADDRESS	1	OSSJBPTY	JOB PRIORITY
21	(15)	ADDRESS	1	OSSPRTY	HIGHEST PRIORITY NOT SCHED.
22	(16)	BITSTRING	1	OSSBFLG1	FLAG BYTE
		DEFINITION OF OSSBFLG1			
22	(16)	X'80'	0	OSSBDT	"OSEBDT" OSE IS FOR BDT
22	(16)	X'40'	0	OSSJTYPE	"OSEJTYPE" NETWORK JOB STREAM
22	(16)	X'20'	0	OSSSTYPE	"OSESTYPE" NETWORK SYSOUT STREAM
22	(16)	X'10'	0	OSSJH	"OSEJH" JOB HEADER OSE

Table 567. Structure OSSSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
22	(16)	X'8'	0	OSSDSH	"OSEDSH" DATASET HEADER OSE
22	(16)	X'4'	0	OSSDS	"OSEDS" SYSOUT DATASET OSE
22	(16)	X'2'	0	OSSJT	"OSEJT" JOB TRAILER OSE
23	(17)	BITSTRING	1	OSSBFLG2	FLAG BYTE
		DEFINITION OF OSSBFLG2 The flags defined in OSEBFLG2 must be defined the same way in OSSBFLG2. Otherwise someone might try to take 04, 02, or 01 in one macro and not take the same flag in the other. The reverse case is different. A bit can be defined in OSSBFLG2 as long as it is defined in OSEBFLG2 as "Reserved - DO NOT USE".			
23	(17)	X'80'	0	OSSBSENT	"OSEBSENT" Transaction sent to BDT/TCP
23	(17)	X'40'	0	OSSBQUED	"OSEBQUED" Transaction queued by BDT/TCP
		..1.		OSSBCAN	"X'20'" CANCEL COMMAND INTERCOMMED to BDT/TCP
		...1		OSSAROUT	"X'10'" STREAM ACTIVE ON REROUTE
23	(17)	X'8'	0	OSSTCP	"OSETCP" OSE is for TCP
		.... .1..		OSSBF204	"X'04'" Reserved for IBM
		.... ..1.		OSSBF202	"X'02'" Reserved for IBM
		1		OSSBF201	"X'01'" Reserved for IBM
24	(18)	BITSTRING	1	OSSFLAG1	FLAG BYTE
		DEFINITION OF OSSFLAG1			
		1...		OSSCHNGE	"X'80'" ENTRY HAS BEEN CHANGED.
		.1..		OSSHOLD	"X'40'" ENTRY FOR HELD DATA SETS
		..1.		OSSIPEND	"X'20'" ENTRY PENDING FOR INQUIRY 0316
		...1		OSSOSBSY	"X'10'" OSS IS BEING PROCESSED BY 0321 AN OUTSERV FCT AND SHOULD 0321 NOT BE DECHAINED YET 0321
		.... 1...		OSSOKSAF	"X'08'" SAF CALL HAS PASSED FOR 0128 THIS OSS FOR THE WRITER 0128 NAMED IN OSEDDNAM 0128
		.... .1..		OSSSMALL	"X'04'" NO SECURITY INFO IN THIS OSS; USE RSQ INSTEAD
		.... ..1.		OSSNEW	"X'02'" This OSS represents a new piece of output
		1		OSSSPNJN	"X'01'" Job name is from a JSAB
25	(19)	BITSTRING	1	OSSODISP	Output disposition (OUTDISP) See OSEODISP for equates
26	(1A)	BITSTRING	1	OSSFLAG2	FLAG BYTE
		DEFINITION OF OSSFLAG2			
		1...		OSSMAXED	"X'80'" OSSAVAIL limit reached
		.1..		OSSFL240	"X'40'" Reserved for IBM
		..1.		OSSFL220	"X'20'" Reserved for IBM
		...1		OSSFL210	"X'10'" Reserved for IBM
		.... 1...		OSSFL208	"X'08'" Reserved for IBM
		.... .1..		OSSFL204	"X'04'" Reserved for IBM

Table 567. Structure OSSSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... ..1.		OSSFL202	"X'02'" Reserved for IBM
		1		OSSFL201	"X'01'" Reserved for IBM
27	(1B)	BITSTRING	1	OSSRSVD	Reserved for IBM 0630
28	(1C)	ADDRESS	4	OSSDXCHN	DEVICE EXCLUSION CHAIN. A 0630 DXE IS PLACED ON THIS CHAIN 0630 FOR EACH DEVICE ON WHICH 0630 THIS OSS OUTPUT COULD NOT 0630 BE PRINTED BECAUSE THE 0630 SECURITY CHECK FAILED. 0630 0630
32	(20)	BITSTRING	4	OSSOTBIN	OUTBIN ID 0146
36	(24)	SIGNED	4	OSSBUFF4	OSE buffer number
40	(28)	SIGNED	4	OSSRSVS	- RESERVED FOR SERVICE 0146
44	(2C)	SIGNED	4	OSSRSVU	- RESERVED FOR USER
48	(30)	ADDRESS	4	OSSRQAD	RQ ADDRESS THIS JOB
		OSSMAXL DEFINES THE LINE COUNT OF THE VARIABLE OSE WITH THE MAXIMUM LINES. THIS FIELD IS ALSO USED IN IATOSGP TO REPRESENT THE NUMBER OF AVAILABLE OSS ENTRIES IN THE POOL FROM WHICH OSS ENTRIES ARE CREATED.			
52	(34)	SIGNED	4	OSSMAXL	MAXIMUM LINE COUNT NOT SCHD 8#06574SVD
		OSSMINL DEFINES THE LINE COUNT OF THE VARIABLE OSE WITH THE MINIMUM LINES. THIS FIELD IS ALSO USED IN IATOSGP TO POINT TO THE FIRST AVAILABLE OSS ENTRY IN THE POOL FROM WHICH OSS ENTRIES ARE OBTAINED.			
56	(38)	SIGNED	4	OSSMINL	MINIMUM LINE COUNT NOT SCHD
		---------- 06574SVA BDT work represented by an OSS does not use field 06574SVA OSSMAXL and OSSMINL. Therefore, an ORG to it is ok. 06574SVA ---------- 06574SVA			
52	(34)	SIGNED	2	OSSBJNUM	BDT job number in binary 06574SVA
54	(36)	BITSTRING	6	OSSBRSVD	Reserved for IBM (only for 06574SVA BDT related fields) 06574SVA
		---------- 06574SVA TCP work represented by an OSS does not use field 06574SVA OSSMAXL and OSSMINL. Therefore, an ORG to it is ok. 06574SVA ---------- 06574SVA			
52	(34)	CHARACTER	8	OSSNTSV	TCP/IP Netserv name 06574SVA
60	(3C)	SIGNED	4	OSSTOTL	TOTAL LINE COUNT NOT CMPLT
64	(40)	SIGNED	4	OSSMAXP	MAXIMUM PAGE COUNT NOT SCHD
68	(44)	SIGNED	4	OSSMINP	MINIMUM PAGE COUNT NOT SCHD
		BDT/TCP work represented by an OSS does not use fields OSSMAXP and OSSMINP. Therefore, an ORG to them is OK.			
64	(40)	CHARACTER	8	OSSGRPID	BDT/TCP group identifier
72	(48)	SIGNED	4	OSSTOTP	TOTAL PAGE COUNT NOT CMPLT
76	(4C)	SIGNED	4	OSSTOTR	TOTAL RECORD COUNT NOT CMPLT
80	(50)	SIGNED	4	OSSTOTB	Total byte count not cmplt - the byte count contained here is a count of the number of spool buffers used and must be multiplied with the contents of field SIZEBUF to obtain the byte count

Table 567. Structure OSSSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
84	(54)	SIGNED	4	OSSRSVD1	Reserved for IBM
88	(58)	DBL WORD	8	OSSTIME	STCK CLOCK VALUE
		OSSAVAIL DEFINES THE NUMBER OF VARIABLE OSE ENTRIES THAT ARE AVAILABLE FOR SCHEDULING. IF THE COUNT IN OSSAVAIL IS ZERO THEN MODULES IATOSWS AND IATOSSC WILL BYPASS THE OSS FOR SCHEDULING SINCE NO DISK OSE'S ARE AVAILABLE FOR SCHEDULING. - OSSAVAIL is limited to X'7000' variable OSE entries. Once reached, flag OSSMAXED is set and a new OSS will be used. This prevents OSSAVAIL from reaching a negative value when incremented in the routine for IATXPOSE in IATOSPG.			
96	(60)	SIGNED	2	OSSAVAIL	NUMBER OF AVAILABLE OSE'S
96	(60)	BITSTRING	0	OSSAVLIM	"X'7000'" OSSAVAIL limit
		OSSSCHED DEFINES THE NUMBER OF VARIABLE OSE ENTRIES THAT ARE SCHEDULED TO DEVICES. THIS FIELD IS ALSO INCREMENTED WHENEVER THE OPERATOR PUTS A JOB'S VARIABLE OSE INTO HOLD.			
98	(62)	SIGNED	2	OSSSCHED	NUMBER OF SCHEDULED OSE'S
100	(64)	SIGNED	4	OSSWSI	WSI value to be assigned for OSEs using this OSS
100	(64)	X'68'	0	OSSSMEND	"*" End of small OSS
104	(68)	BITSTRING	1	OSSSMAL(0)	OSS WITHOUT TOKEN ET AL
		End of a small OSS OSSTOKEN HOLDS THE SECURITY TOKEN FOR THE DATASETS 0 THAT BELONG TO THIS OSS. SINCE THESE DATASETS ALL 0 HAVE THE SAME USERID AND SECLABEL, ONE TOKEN CAN 0 REPRESENT ALL DATASETS FOR THE WRITER CLASS CALLS. 0 IF THE TOKEN IS UNAVAILABLE WHEN THE OSS IS CREATED, 0 THEN OSSNAVL IS SET TO "NAVAIL". THE ISSUER OF 0 IATXGOSE CAN THEN FILL IN OSSJDSPT WITH THE JDSPOINT 0 INFORMATION TO FACILITATE FILLING IN THE TOKEN 0 (USING THE DATASET'S JDS ENTRY) LATER. 0 IF THIS IS A "SMALL" OSS (OSSSMALL SET), THEN THERE WILL BE NO SECURITY INFO (I.E., THE OSS ENDS BEFORE OSSTOKEN). IF OSSSMALL IS SET, USE RQTOKEN, RQOUSID AND RQSECBL IN PLACE OF THESE OSS FIELDS. THIS IS DONE TO LESSEN STORAGE USE.			
104	(68)	BITSTRING	80	OSSTOKEN	SECURITY TOKEN 0128
104	(68)	CHARACTER	8	OSSNAVL	"NAVAIL" IF TOKEN UNKNOWN 0128
112	(70)	SIGNED	4	OSSJDSPT	JDS POINT INFORMATION 0128
184	(B8)	CHARACTER	8	OSSUSRID	USERID 0128
192	(C0)	CHARACTER	8	OSSSECBL	SECLABEL 0128
200	(C8)	CHARACTER	8	OSSTPID	APPC TRANSACTION ID
208	(D0)	CHARACTER	8	OSSJDSJN	Job name from JDS (can differ from regular job name if a JSAB is used)
208	(D0)	X'D8'	0	OSSEND	"*"
216	(D8)	BITSTRING	1	OSSSIZE(0)	BLOCK SIZE

Table 568. Cross Reference for IATYOSS

Name	Offset	Hex Tag
OSSAROUT	17	10
OSSAVAIL	60	
OSSAVLIM	60	7000
OSSBCAN	17	20
OSSBDT	16	80

Table 568. Cross Reference for IATYOSS (continued)

Name	Offset	Hex Tag
OSSBFLG1	16	
OSSBFLG2	17	
OSSBF201	17	1
OSSBF202	17	2
OSSBF204	17	4
OSSBJNUM	34	
OSSBQUED	17	40
OSSBRSVD	36	
OSSBSENT	17	80
OSSBUFF4	24	
OSSCHAIN	4	
OSSCHNGE	18	80
OSSDS	16	4
OSSDSH	16	8
OSSDXCHN	1C	
OSSEND	D0	D8
OSSFLAG1	18	
OSSFLAG2	1A	
OSSFL201	1A	1
OSSFL202	1A	2
OSSFL204	1A	4
OSSFL208	1A	8
OSSFL210	1A	10
OSSFL220	1A	20
OSSFL240	1A	40
OSSGRPID	40	
OSSHOLD	18	40
OSSID	0	
OSSIPEND	18	20
OSSJBPTY	14	
OSSJDSJN	D0	
OSSJDSPT	70	
OSSJH	16	10
OSSJT	16	2
OSSJTYPE	16	40
OSSMAXED	1A	80
OSSMAXL	34	
OSSMAXP	40	
OSSMINL	38	
OSSMINP	44	
OSSNAVL	68	
OSSNEW	18	2
OSSNEXT	8	
OSSNTSV	34	
OSSODISP	19	
OSSOKSAF	18	8

Table 568. Cross Reference for IATYOSS (continued)

Name	Offset	Hex Tag
OSSOSBSY	18	10
OSSOSE	10	
OSSOTBIN	20	
OSSPREV	C	
OSSPRTY	15	
OSSRQAD	30	
OSSRSVD	1B	
OSSRSVD1	54	
OSSRSVS	28	
OSSRSVU	2C	
OSSSCHED	62	
OSSSECBL	C0	
OSSSIZE	D8	
OSSSMAL	68	
OSSSMALL	18	4
OSSSMEND	64	68
OSSSPNJN	18	1
OSSSTART	0	
OSSSTYPE	16	20
OSSTCP	17	8
OSSTIME	58	
OSSTOKEN	68	
OSSTOTB	50	
OSSTOTL	3C	
OSSTOTP	48	
OSSTOTR	4C	
OSSTPID	C8	
OSSUSRID	B8	
OSSWSI	64	

IATYOST information

IATYOST heading information

Common name: *0031 OST (OSE Summary Table)

Macro ID: IATYOST

DSECT name: OSTSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: OST
Offset: 0
Length: 3

Storage attributes: Main Storage: JES3OST Data Space
Auxiliary Storage: N/A
Key: 1
Residency: Any

Size: In OSTLEN

Created by: IATOSDR

Pointed to by: CSBTUSER in an OSE entry

Serialization: None

Function: This macro is used to map the OSE Summary Table.
Three sections are mapped:
- The OST header
- There is one per OSE buffer
- An OSE variable section
- There is one for each OSE variable section in an OSE buffer
- A data set section
- There is one for each data set under the same OSE variable section

The number of variable sections directly correlates to the number of sections in the corresponding OSE buffer. Each section contains summary data used by SAPI and Extended Status.

IATYOST mapping

Table 569. Structure OSTSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	OSTSTART	, Start of OST mapping
0	(0)	CHARACTER	3	OSTNAME	Eyecatcher
3	(3)	ADDRESS	1	OSTVER	OST version
3	(3)	X'1'	0	OSTIVER	"1" Initial version number
3	(3)	X'2'	0	OSTZ140	"2" Version for HJS7707 0023
3	(3)	X'3'	0	OST6608O	"3" Ver for OW56608 below 707
3	(3)	X'4'	0	OST6608	"4" Version for OW56608
3	(3)	X'5'	0	OSTZ150	"5" Version for HJS7708
3	(3)	X'5'	0	OSTCVER	"OSTZ150" Current version number
4	(4)	SIGNED	4	OSTJOBNO	Job number
4	(4)	X'8'	0	OSTHSIZE	"*-OSTSTART" Size of OST header section

Table 570. Structure OSTOSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	OSTOSTRT	, Start of OST mapping
0	(0)	BITSTRING	2	OSTLEN	OST variable entry length incl. all data set sections
2	(2)	BITSTRING	1	OSTDSCNT	Count of data set sections
3	(3)	BITSTRING	1	OSTOCNTL	Control flags
		1...		OSTBDT	"X'80'" BDT OSE
		.1..		OSTSAPI	"X'40'" OSE scheduled to a SAPI application
		..1.		OSTTCP	"X'20'" TCP OSE
		...1		OSTFRP	"X'10'" Copy of OSEFRP flag
		.... 1...		OSTOCL08	"X'08'" Reserved for IBM
		.... .1..		OSTOCL04	"X'04'" Reserved for IBM
		.... ..1.		OSTOCL02	"X'02'" Reserved for IBM
		1		OSTOCL01	"X'01'" Reserved for IBM
4	(4)	BITSTRING	2	OSTRESV	Reserved for IBM
6	(6)	BITSTRING	1	OSTOFLGS	Copy of OSEFLAG
7	(7)	BITSTRING	1	OSTPRTY	Copy of OSEPRTY
8	(8)	SIGNED	4	OSTBUFN4	OSE buffer number
12	(C)	BITSTRING	2	OSTOSEFS	OSE offset in the buffer

Table 570. Structure OSTOSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
14	(E)	BITSTRING	6	OSTRESV2	Reserved for IBM
20	(14)	SIGNED	4	OSTWSI	WSI value assigned to this set of SYSOUT data sets
24	(18)	SIGNED	4	OSTTLINE	Total line count 0023 0023
28	(1C)	SIGNED	4	OSTTPAGE	Total page count 0023 0023
32	(20)	SIGNED	4	OSTTREC	Total record count
36	(24)	SIGNED	4	OSTTBYTE	Total SPOOL buffer count - multiply by SIZEBUF to obtain the byte count
40	(28)	CHARACTER	8	OSTDDNAM	Device OSE is scheduled to
48	(30)	BITSTRING	8	OSTTIME	STCK clock value 0023
48	(30)	X'31'	0	OSTIMETK	"OSTTIME+1,4" Bytes 2-5 of OSTTIME 09784S2A used to build *MODIFY U, 09784S2A TK= value 09784S2A 09784S2A
56	(38)	ADDRESS	8	OSTSEEQ	SEE queue pointer
64	(40)	ADDRESS	4	OSTOSSAD	OSS address
68	(44)	SIGNED	4	OSTOEND(0)	End of OSE section
68	(44)	X'44'	0	OSTOSIZE	"OSTOEND-OSTOSTRT" Size of OST OSE section

Table 571. Structure OSTDSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	OSTDSTRT	Start of OST data set section
0	(0)	BITSTRING	1	OSTDFLG2	OSEDFLG2 copy
1	(1)	BITSTRING	1	OSTDFLG4	OSEDFLG4 copy
2	(2)	BITSTRING	1	OSTDFLG5	OSEDFLG5 copy
3	(3)	BITSTRING	1	OSTODISP	OSEODISP copy
4	(4)	CHARACTER	8	OSTDEST2	Secondary DEST 0023 0023
12	(C)	BITSTRING	1	OSTDTYPE	OSEDTYPE copy
13	(D)	BITSTRING	1	OSTDRSN	OSEDRSN copy
14	(E)	BITSTRING	1	OSTDESF1	Extended Status Flags 1
		1...		OSTDMTCH	"X'80'" Data set matched selection criteria and should be built as an SSVE, if verbose output requested
		.1..		OSTDE140	"X'40'" Reserved for IBM
		..1.		OSTDE120	"X'20'" Reserved for IBM
		...1		OSTDE110	"X'10'" Reserved for IBM
		.... 1...		OSTDE108	"X'08'" Reserved for IBM
		.... .1..		OSTDE104	"X'04'" Reserved for IBM
		.... ..1.		OSTDE102	"X'02'" Reserved for IBM
		1		OSTDE101	"X'01'" Reserved for IBM
15	(F)	BITSTRING	1	OSTFLCNT	OSEFLCNT flash count
16	(10)	BITSTRING	1	OSTCOPY	Data set copy count
17	(11)	BITSTRING	3	OSTDRSV0	Reserved for IBM
20	(14)	BITSTRING	4	OSTDSNUM	Data set number from OSEDSNUM
24	(18)	BITSTRING	4	OSTJDSPT	JDS NOTE value for the corresponding data set
24	(18)	X'18'	0	OSTJDSOF	"OSTJDSPT,2" JDS entry offset
24	(18)	X'1A'	0	OSTJDSBF	"OSTJDSPT+2,2" JDS buffer number

Table 571. Structure OSTDSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
28	(1C)	BITSTRING	2	OSTDSOFS	Ds section offset in buffer 09784S2A
30	(1E)	BITSTRING	2	OSTDRSV1	Reserved for IBM 09784S2A
32	(20)	SIGNED	4	OSTDLNCT	Data set line count
36	(24)	SIGNED	4	OSTDPGCT	Data set page count
40	(28)	SIGNED	4	OSTDRCCT	Data set record count
44	(2C)	BITSTRING	3	OSTDBYTE	Data set buf count
47	(2F)	BITSTRING	1	OSTDFLG1	OSEDFLG1 copy
47	(2F)	X'30'	0	OSTDEND	"*" End of OST data set section
47	(2F)	X'30'	0	OSTDSIZE	"OSTDEND-OSTDSTRT" Size of OST data set section
47	(2F)	X'344'	0	OSTMXSZ	"OSTOSIZE+OSTDSIZE*16" Maximum OST size

Table 572. Cross Reference for IATYOST

Name	Offset	Hex Tag
OSTBDT	3	80
OSTBUFN4	8	0
OSTCOPY	10	0
OSTCVER	3	5
OSTDBYTE	2C	
OSTDDNAM	28	40404040
OSTDEND	2F	30
OSTDESF1	E	0
OSTDEST2	4	40404040
OSTDE101	E	1
OSTDE102	E	2
OSTDE104	E	4
OSTDE108	E	8
OSTDE110	E	10
OSTDE120	E	20
OSTDE140	E	40
OSTDFLG1	2F	
OSTDFLG2	0	0
OSTDFLG4	1	0
OSTDFLG5	2	0
OSTDLNCT	20	
OSTDMTCH	E	80
OSTDPGCT	24	
OSTDRCCT	28	
OSTDRSN	D	0
OSTDRSV0	11	0
OSTDRSV1	1E	0
OSTDSCNT	2	0
OSTDSIZE	2F	30
OSTDSNUM	14	0
OSTDSOFS	1C	0

Table 572. Cross Reference for IATYOST (continued)

Name	Offset	Hex Tag
OSTDSTRT	0	
OSTDTYPE	C	0
OSTFLCNT	F	0
OSTFRP	3	10
OSTHSIZE	4	8
OSTIMETK	30	31
OSTIVER	3	1
OSTJDSBF	18	1A
OSTJDSOF	18	18
OSTJDSPT	18	0
OSTJOBNO	4	0
OSTLEN	0	0
OSTMXSZ	2F	344
OSTNAME	0	D6E2E3
OSTOCL01	3	1
OSTOCL02	3	2
OSTOCL04	3	4
OSTOCL08	3	8
OSTOCNTL	3	0
OSTODISP	3	0
OSTOEND	44	
OSTOFLGS	6	0
OSTOSEFS	C	0
OSTOSIZE	44	44
OSTOSSAD	40	
OSTOSTRT	0	
OSTPRTY	7	0
OSTRESV	4	0
OSTRESV2	E	0
OSTSAPI	3	40
OSTSEEQ	38	
OSTSTART	0	
OSTTBYTE	24	0
OSTTCP	3	20
OSTTIME	30	0
OSTTLINE	18	0
OSTTPAGE	1C	0
OSTTREC	20	0
OSTVER	3	
OSTWSI	14	0
OSTZ140	3	2
OSTZ150	3	5
OST6608	3	4
OST6608O	3	3

IATYOSUP information

IATYOSUP programming interface information

IATYOSUP is a programming interface.

IATYOSUP heading information

Common name:	FOOT PRINT INDEX FOR IATXOSUP
Macro ID:	IATYOSUP
DSECT name:	None
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Main Storage: N/A
Size:	N/A
Created by:	N/A
Pointed to by:	N/A
Serialization:	None
Function:	PROVIDE EQUATES FOR THE FOOT PRINT CODE FOR DSP NUMBER SUPPORT.

IATYOSUP mapping

Table 573. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		
FOOTPRINT OSUP01 IS SET IN IATDJOT					
0	(0)	X'1'	0	OSUP01	"1" CHECKS IF JOB IS IN A PHASE OF OUTPUT SERV WHERE IT CAN DUMPED
FOOTPRINT OSUP10 IS SET IN IATIQOI					
0	(0)	X'A'	0	OSUP10	"10" BEFORE ISSUING A JESREAD
FOOTPRINT OSUP20 IS SET IN IATMOOI					
0	(0)	X'14'	0	OSUP20	"20" BEFORE ISSUING A JESREAD
Footprint OSUP30-OSUP32 is set in IATOSBM					
0	(0)	X'1E'	0	OSUP30	"30" Job selection routine checks06900SVC the OSE chain for BDT 06900SVC output during IATXOSBM PUT06900SVA processing 06900SVA
0	(0)	X'1F'	0	OSUP31	"31" IATXOSBM GET processing 06900SVA checks the OSE chain for 06900SVA TCP/NJE output 06900SVA
0	(0)	X'20'	0	OSUP32	"32" IATXOSBM GET processing checks whether output is still available when RQ indicates no NJE output
FOOTPRINT OSUP40 OSUP41 IS SET IN IATOSDR					
0	(0)	X'28'	0	OSUP40	"40" SPIN OFF PROCESSING ROUTINE
0	(0)	X'29'	0	OSUP41	"41" NORMAL PROCESSING ROUTINE

Table 573. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
FOOTPRINT OSUP50 OSUP51 OSUP52 IS SET IN IATOSPC					
0	(0)	X'32'	0	OSUP50	"50" SYSOUT REQUEST PROCESSING
0	(0)	X'33'	0	OSUP51	"51" JOB REQUEST PROCESSING
0	(0)	X'34'	0	OSUP52	"52" JOB SCHEDULING ROUTING
FOOTPRINT OSUP60 OSUP61 IS SET IN IATOSSC					
0	(0)	X'3C'	0	OSUP60	"60" DELETE/RELEASE ROUTING
0	(0)	X'3D'	0	OSUP61	"61" OSE BDT/TCP processing
FOOTPRINT OSUP70 OSUP71 OSUP72 OSUP73 OSUP74 IS SET IN IATOSWS					
0	(0)	X'46'	0	OSUP70	"70" GET OSE ROUTING
0	(0)	X'47'	0	OSUP71	"71" OSE SCHEDULE ROUTINE
0	(0)	X'48'	0	OSUP72	"72" DELETE/RELEASE OSE ROUTING
0	(0)	X'49'	0	OSUP73	"73" PUT OSE ROUTINE
0	(0)	X'4A'	0	OSUP74	"74" REMOVE RSQ FROM WRITER QUEUE
FOOTPRINT OSUP80 IS SET IN IATPURG					
0	(0)	X'50'	0	OSUP80	"80" PURGE ANY EXISTING OSES
FOOTPRINT OSUP90 IS SET IN IATUTCB					
0	(0)	X'5A'	0	OSUP90	"90" OSE PRINT ROUTNE
FOOTPRINT OSUP100 IS SET IN IATNTRS 0					
0	(0)	X'64'	0	OSUP100	"100" Get TP's JMR using BDT/TCP OSE for dataset (SYSOUT)
FOOTPRINT OSUP110 IS SET IN IATOSGR					
0	(0)	X'6E'	0	OSUP110	"110" DUMP THE OSE BUFFERS FOR A DM754 ABEND.
Footprints OSUP120 through OSUP129 are for IATOSSO use. 07345SZC					
0	(0)	X'78'	0	OSUP120	"120" Specific job request
0	(0)	X'79'	0	OSUP121	"121" Generic SYSOUT request
0	(0)	X'7A'	0	OSUP122	"122" BULK MODIFY request
Footprints OSUP130 through OSUP139 are for IATOSOR use. 07345SZC					
0	(0)	X'82'	0	OSUP130	"130" Netserv hold/release request
Footprint OSUP140 is for IATGR70 use.					
0	(0)	X'8C'	0	OSUP140	"140" SSI 70 modify request
Footprint OSUP150 is for IATMOSTT use.					
0	(0)	X'96'	0	OSUP150	"150" IATMOSTT modify request

Table 573. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
Footprints 151 through 1999 reserved for development					
0	(0)	X'97'	0	OSUP151	"151" Reserved for development
0	(0)	X'7CF'	0	OSUP1999	"1999" END OF RESERVED FOR DEVELOPMENT
FOOTPRINTS 2000 THROUGH 2999 RESERVED FOR SERVICE					
0	(0)	X'7D0'	0	OSUP2000	"2000" RESERVED FOR SERVICE
0	(0)	X'BB7'	0	OSUP2999	"2999" END OF RESERVED FOR SERVICE
FOOTPRINTS 3000 THROUGH 4095 RESERVED FOR USER					
0	(0)	X'BB8'	0	OSUP3000	"3000" RESERVED FOR USER
0	(0)	X'FFF'	0	OSUP4095	"4095" END OF RESERVED FOR USER

Table 574. Cross Reference for IATYOSUP

Name	Offset	Hex Tag
OSUP01	0	1
OSUP10	0	A
OSUP100	0	64
OSUP110	0	6E
OSUP120	0	78
OSUP121	0	79
OSUP122	0	7A
OSUP130	0	82
OSUP140	0	8C
OSUP150	0	96
OSUP151	0	97
OSUP1999	0	7CF
OSUP20	0	14
OSUP2000	0	7D0
OSUP2999	0	BB7
OSUP30	0	1E
OSUP3000	0	BB8
OSUP31	0	1F
OSUP32	0	20
OSUP40	0	28
OSUP4095	0	FFF
OSUP41	0	29
OSUP50	0	32
OSUP51	0	33
OSUP52	0	34
OSUP60	0	3C
OSUP61	0	3D
OSUP70	0	46
OSUP71	0	47
OSUP72	0	48

Table 574. Cross Reference for IATYOSUP (continued)

Name	Offset	Hex Tag
OSUP73	0	49
OSUP74	0	4A
OSUP80	0	50
OSUP90	0	5A

IATYPAR information

IATYPAR heading information

Common name: CIPARM TABLE ENTRY

Macro ID: IATYPAR

DSECT name: PARSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: PAR
Offset: 0
Length: 4

Storage attributes: Main Storage: SUBPOOL 0
Auxiliary Storage: N/A

Size: 44 Bytes

Created by: IATINIF

Pointed to by: TIPARMS in the IATYTVT
PARMCHN in IATYPAR

Serialization: NONE

Function:

IATYPAR mapping

Table 575. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

Table 576. Structure PARSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	PARSTART	CI PARAMETER TABLE
0	(0)	CHARACTER	4	PARMNAME	CONTROL BLOCK ID
4	(4)	SIGNED	4	PARMCHN	CHAIN TO NEXT CIPARM ENTRY
8	(8)	CHARACTER	2	PARMID	CIPARM IDENTIFIER
10	(A)	BITSTRING	0	PARMCI(0)	CONVERTER PARAMETER LIST
10	(A)	CHARACTER	1	PARMACPN	SWA ABOVE THE LINE INDICATOR/ ACCT. NO./PGMR NAME REQ.
11	(B)	CHARACTER	2	PARMPRTY	DEFAULT JOB PRIORITY
13	(D)	CHARACTER	1	PARMSTTM	MAX STEP EXECUTION TIME
		NOTE: THE REGION SIZE IS STORED IN THE PARMRGSZ FIELD INSTEAD OF PARMJSRG IF THE REGION PARAMETER WAS SPECIFIED.			
19	(13)	CHARACTER	3	PARMJSRG	JOB/STEP REGION SIZE DEF.
22	(16)	CHARACTER	1	PARMCMDS	COMMAND DISPOSITION

Table 576. Structure PARSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
23	(17)	CHARACTER	1	PARMBLP	BLP PROCESSING
24	(18)	CHARACTER	4	PARMMCSA	MCS COMMAND AUTHORITY
28	(1C)	CHARACTER	1	PARMJMSL	JOB MSGLEVEL DEFAULT
29	(1D)	CHARACTER	1	PARMAMSL	ALLOCATION MSGLEVEL DEF.
30	(1E)	CHARACTER	1	PARMMSGC	MSGCLASS DEFAULT
31	(1F)	CHARACTER	1	PARMRGTP	REGION SIZE UNIT OF MEASURE (K OR M)
32	(20)	CHARACTER	4	PARMRGSZ	REGION SIZE
36	(24)	SIGNED	4	PARMRSVD	RESERVED FOR DEVELOPMENT
40	(28)	SIGNED	4	PARMRSVU	RESERVED FOR USER
44	(2C)	SIGNED	4	PARMEND(0)	END OF CIPARM ENTRY
44	(2C)	BITSTRING	1	PARMESIZ(0)	SIZE OF CIPARM ENTRY

Table 577. Cross Reference for IATYPAR

Name	Offset	Hex Tag
PARMACPN	A	F0
PARMAMSL	1D	F1
PARMBLP	17	F1
PARMCHN	4	0
PARMCI	A	
PARMCMDS	16	F3
PARMEND	2C	
PARMESIZ	2C	
PARMID	8	4040
PARMJMSL	1C	F1
PARMJSRG	13	F2F5F6
PARMMCSA	18	C5F0F0F0
PARMMSGC	1E	C1
PARMNAME	0	D7C1D940
PARMPRTY	B	F0F0
PARMRGSZ	20	
PARMRGTP	1F	
PARMRSVD	24	
PARMRSVU	28	
PARMSTTM	D	F0F0F3F0
PARSTART	0	

IATYPCD information

IATYPCD programming interface information

The following fields are **NOT** programming interface information:

- PCDLX
- PCDPCP1
- PCDPCP2
- PCDPCP3

- PCDSAVE
- PCDTOKN

IATYPCD heading information

Common name:	PROGRAM CALL DESCRIPTOR- PCD
Macro ID:	IATYPCD
DSECT name:	PCD
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	PCD Offset: 0 Length: 4
Storage attributes:	Main Storage: SUBPOOL 228 Auxiliary Storage: NONE
Size:	See assembler listing
Created by:	IATINXM
Pointed to by:	SVTPCDP in SSVT
Serialization:	NONE
Function:	Contains Cross-Memory service information such as PC numbers for PC routines, address of ETD (Entry Table), LX from LXRES macro, TOKEN from ETCRE macro, standard save area, ASID and ASCB address of the creating address space. *05275SUC

IATYPCD mapping

Table 578. Structure PCD

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	PCD	
0	(0)	SIGNED	4	PCDSTART(0)	START OF IATYPCD
0	(0)	SIGNED	4	PCDID	PCD ID
4	(4)	SIGNED	4	PCDATP	ADDR OF PCD DATA SECTION (PCDATA)
8	(8)	SIGNED	4	PCDXMECB	ECB for the address space 05275SUC
		1		PCDPURGE	"X'01'" Post code for PURGE function 05275SUA
12	(C)	SIGNED	4	PCDPCP1	PC number for non-XM PC routine 1 (IATSIAU)
16	(10)	SIGNED	4	PCDPCP2	PC number for non-XM PC 15606T6A routine 2 (IATDMEB) 15606T6A
20	(14)	SIGNED	4	PCDPCP3	PC number for XM services (IATDMXM)
PCD data section					
24	(18)	SIGNED	4	PCDATA(0)	BEGINNING OF PCD DATA SECTION
24	(18)	SIGNED	4	PCDSAVE(18)	STANDARD SIZE SAVE AREA
96	(60)	CHARACTER	8	PCDAS(0)	AUXILIARY ADDRESS SPACE AREA
96	(60)	SIGNED	2	PCDASID1	Creating A/S ASID 05275SUC
98	(62)	SIGNED	2	PCDRSV3	RESERVED FOR FUTURE DEVELOPMENT
100	(64)	SIGNED	4	PCDASCB1	Creating A/S ASCB address 05275SUC
104	(68)	SIGNED	4	PCDRSVD	RESERVED FOR DEVELOPMENT
108	(6C)	SIGNED	4	PCDRSVS	RESERVED FOR SERVICE
112	(70)	SIGNED	4	PCDRSVU	RESERVED FOR USER
116	(74)	ADDRESS	4	PCDETDP	Address of the ETD
120	(78)	SIGNED	4	PCDTOKN	Token from ETCRE macro

Table 578. Structure PCD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
124	(7C)	SIGNED	4	PCDLX	LX from the LXRES macro
128	(80)	SIGNED	4	PCDRSV5(2)	Reserved for IBM
136	(88)	SIGNED	4	PCDEND(0)	END OF PCD
136	(88)	X'88'	0	PCDSIZE	"PCDEND-PCDSTART" PCD SIZE

Table 579. Cross Reference for IATYPCD

Name	Offset	Hex Tag
PCD	0	
PCDAS	60	
PCDASCB1	64	0
PCDASID1	60	0
PCDATA	18	
PCDATP	4	0
PCDEND	88	
PCDETDP	74	
PCDID	0	0
PCDLX	7C	0
PCDPCP1	C	0
PCDPCP2	10	0
PCDPCP3	14	0
PCDPURGE	8	1
PCDRSVD	68	0
PCDRSVS	6C	0
PCDRSVU	70	0
PCDRSV3	62	0
PCDRSV5	80	0
PCDSAVE	18	0
PCDSIZE	88	88
PCDSTART	0	
PCDTOKN	78	0
PCDXMECB	8	0

IATYPDB information

IATYPDB programming interface information

IATYPDB is a programming interface.

IATYPDB heading information

Common name: PROCLIB DATASET BLOCK

Macro ID: IATYPDB

DSECT name: PDBDSENT

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Main Storage: JSAM Buffer Pool
Auxiliary Storage: JES3 Spool

Size:	PDBHZIZ - 40 Bytes PDBESIZ - 57 Bytes
Created by:	IATISMN
Pointed to by:	JCTUPDTE in IATYJCT
Serialization:	NONE
Function:	This data area maps the SRF buffers that contain the names of the dataset(s) to be used by a PROCLIB update job.

IATYPDB mapping

Table 580. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

Table 581. Structure PDBSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	PDBSTART	
0	(0)	BITSTRING	6	PDBTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	PDBCNT	USER COUNT.
8	(8)	CHARACTER	4	PDBID	File id.
12	(C)	BITSTRING	12	PDBCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	PDBVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	PDBDATA(0)	START OF USER DATA AREA.
28	(1C)	SIGNED	2	PDBDSNCT	NUMBER OF DATASET NAME ENTRIES
30	(1E)	SIGNED	2	PDBHRVD1	RESERVED FOR DEVELOPMENT
32	(20)	SIGNED	4	PDBHRVU1	RESERVED FOR USER
36	(24)	SIGNED	4	PDBHRVS1	RESERVED FOR SERVICE
40	(28)	BITSTRING	1	PDBHEND(0)	END OF HEADER
40	(28)	X'28'	0	PDBHSIZ	"(PDBHEND-PDBSTART)" SIZE OF HEADER

Table 582. Structure PDBDSENT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	PDBDSENT	
0	(0)	CHARACTER	44	PDBDSNAM	DATASET NAME
44	(2C)	SIGNED	4	PDBRSVD2	RESERVED FOR DEVELOPMENT
48	(30)	SIGNED	4	PDBRSVS2	RESERVED FOR SERVICE
52	(34)	BITSTRING	5	PDBRSVU2	RESERVED FOR USER
57	(39)	BITSTRING	1	PDBEEND(0)	END OF DATA SET ENTRY
57	(39)	X'39'	0	PDBESIZ	"(PDBEEND-PDBDSENT)" SIZE OF DATA SET ENTRY

Table 583. Cross Reference for IATYPDB

Name	Offset	Hex Tag
PDBCHN	C	0
PDBCNT	6	0
PDBDATA	1C	
PDBDSENT	0	
PDBDSNAM	0	

Table 583. Cross Reference for IATYPDB (continued)

Name	Offset	Hex Tag
PDBDSNCT	1C	
PDBEEND	39	
PDBESIZ	39	39
PDBHEND	28	
PDBHRVD1	1E	
PDBHRVS1	24	
PDBHRVU1	20	
PDBHSIZ	28	28
PDBID	8	D7C4C240
PDBRSVD2	2C	
PDBRSVS2	30	
PDBRSVU2	34	
PDBSTART	0	
PDBTRK	0	0
PDBVLID	18	0

IATYPDQ information

IATYPDQ heading information

Common name: PENDING DATASET QUEUE ENTRY

Macro ID: IATYPDQ

DSECT name: PDQSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: PDQ
Offset: 0
Length: 4

Storage attributes: Main Storage: SUBPOOL 0
Subpool: 0
Key: 1
Residency: Any

Size: 196 Bytes

Created by: IATOSFP THE PENDING DATASET QUEUE MANAGER

Pointed to by: WTRFPDQF points to first PDQ on chain,
WTRFPDQL points to last PDQ on chain,
WTRFPDQC points to the PDQ at the channel,
WTRFPDQS points to the 'SYNCHED TO' entry,
PDQNEXT is the forward chain pointer,
PDQPREV is the backward chain pointer.

Serialization: NONE

Function: The pending dataset queue (PDQ) contains entries for all datasets that have been sent to an FSS for printing, but have not yet completely printed.

IATYPDQ mapping

Table 584. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

Table 585. Structure PDQSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	PDQSTART	
0	(0)	CHARACTER	4	PDQID	ID OF CONTROL BLOCK
4	(4)	ADDRESS	4	PDQPREV	PREV ENTRY ADDR FOR PRINTER
8	(8)	ADDRESS	4	PDQNEXT	ADDR OF NEXT(NEWER) ENTRY
12	(C)	ADDRESS	4	PDQFDBPQ	ADDRESS OF OSE START ENTRY
16	(10)	ADDRESS	4	PDQJSPDQ	ADDRESS OF JOB START ENTRY
20	(14)	ADDRESS	4	PDQJRSQ	RESQUEUE ADDR FOR JOB
24	(18)	ADDRESS	4	PDQJNEWS	JESNEWS BLOCK ADDRESS
28	(1C)	SIGNED	4	PDQRSVD1	RESERVED FOR DEVELOPMENT
32	(20)	CHARACTER	24	PDQDDNAM	DDNAME (JDSPROCN, JDSSTEPN, JDSDDNAM FROM WTRDDSN)
56	(38)	BITSTRING	3	PDQRSVSD	RESERVED FOR DEVELOPMENT
59	(3B)	BITSTRING	1	PDQDSNML	LNGTH OF DSNAME IN PDQDSNAM
60	(3C)	CHARACTER	44	PDQDSNAM	DSNAME OF SPOOLED DATA SET
104	(68)	BITSTRING	12	PDQDSID(0)	DATA SET ID OF THIS PDQ
104	(68)	BITSTRING	8	PDQDSSEQ	DATA SET SEQUENCE ID
112	(70)	BITSTRING	4	PDQDSSF	DATA SET ID SUFFIX

```
PDQGOGT IS DEFINED AS A TOKEN THAT IS USED TO SIG-
NIFY TO THE FSA DATA SETS COMPRISING AN 'OUTPUT
GROUP'...THAT IS TO SAY, THOSE DATA SETS THAT ARE
WITHIN A JOB HEADER AND TRAILER, REGARDLESS OF
WHETHER HEADERS AND/OR TRAILERS ARE BEING PRINTED
BY THE FSA. EVEN THOUGH TO THE FSA THE FIELD IS A
16 HEX BYTE TOKEN WITHOUT MEANINGFUL FIELDS, JES3
DEFINES IT TO BE AN 8 BYTE JOBID FOLLOWED BY AN 8
BYTE TIME-OF-DAY VALUE RETURNED BY A STCK INSTRUC-
TION, FOLLOWED BY A 4 BYTE HEX 0 RESERVED FIELD.
THIS GUARENTEES UNIQUENESS FOR THE GROUP.
PDQGOGT IS ONLY SET WITHIN A JOB START
(PDQJBEG) PDQ AND IS USED IN THE GETDS RETURN FOR
ALL DATA SETS BELONGING TO THAT JOB START PDQ.
```

116	(74)	BITSTRING	20	PDQGOGT(0)	GETDS OUTPUT GROUP TOKEN
116	(74)	CHARACTER	8	PDQGOGTI	JOBID
124	(7C)	BITSTRING	8	PDQGOGTT	TIME OF DAY
132	(84)	BITSTRING	4	PDQGOGRS	RESERVED (HEX 00S)
136	(88)	BITSTRING	12	PDQFDB	WOSE FDB
148	(94)	SIGNED	2	PDQCUREN	OFFSET IN WOSE TO DS ENTRY
150	(96)	SIGNED	2	PDQRSVD5	Reserved for IBM
152	(98)	SIGNED	4	PDQOSES4	SPOOL OSE record sequence #
156	(9C)	SIGNED	2	PDQOFST	OFFSET IN SPOOL BLK TO OSE ENTRY
158	(9E)	SIGNED	2	PDQRSVD2	RESERVED FOR DEVELOPMENT
160	(A0)	SIGNED	4	PDQJMR	MVS JMR COPY ADDRESS
164	(A4)	SIGNED	4	PDQJRCNT	RECORDS SCHEDULED TO JOB
168	(A8)	SIGNED	4	PDQJPCNT	PAGES SCHEDULED TO JOB
172	(AC)	SIGNED	4	PDQRSVD3	RESERVED FOR DEVELOPMENT
176	(B0)	SIGNED	4	PDQRSVS1	RESERVED FOR SERVICE
180	(B4)	BITSTRING	1	PDQFLG1	FLAGS

```
DEFINITION OF PDQFLG1
```

1...	PDQJBEG	"X'80'" FIRST PDQ ENTRY FOR JOB
.1..	PDQOBEG	"X'40'" FIRST PDQ ENTRY FOR OSE

Table 585. Structure PDQSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		PDQJEND	"X'20'" LAST PDQ ENTRY FOR JOB
		...1		PDQOEND	"X'10'" LAST PDQ ENTRY FOR OSE
		.... 1...		PDQDONE	"X'08'" THIS DATASET REACHED STACKER
		.... .1..		PDQJLOG	"X'04'" THIS JOB LOGGED ON DEVICE
		.... ..1.		PDQRSTD	"X'02'" THIS PDQ WAS REBUILT AFTER A HOTSTART
		1		PDQPRIME	"X'01'" DATA SET IS PRIMED IN PDQ
181	(B5)	BITSTRING	1	PDQFLG2	OVERRIDING DISPOSITION FLAGS
		DEFINITION OF PDQFLG2 THIS FLAG IS CHECKPOINTED IN THE WOSE IN OSEDPDQC.			
		1...		PDQCAN	"X'80'" DATA SET/JOB/GROUP CANCELLED
		.1..		PDQRSCD	"X'40'" DATA SET/JOB/GROUP RESCHED-ULED
		..1.		PDQG	"X'20'" GROUP CANCEL/RESCHEDULE
		...1		PDQJ	"X'10'" JOB CANCEL/RESCHEDULE
		.... 1...		PDQJNASC	"X'08'" JESNEWS ASSOCIATED WITH THIS DATA SET
		.... .1..		PDQHOLD	"X'04'" DATASET TO BE HELD
		.... ..1.		PDQHRCD	"X'02'" HONOR INCOMPLETE RELDS CHKPT DISPOSITION
		1		PDQJTRL	"X'01'" THIS D.S. HAS JOB TRAILER
182	(B6)	BITSTRING	1	PDQFLG3	RESERVED FOR SERVICE
		DEFINITION OF PDQFLG3 THIS FLAG IS CHECKPOINTED IN THE WOSE IN OSEDPDQC.			
		1...		PDQHCOPY	"X'80'" The job output has been put to paper
183	(B7)	BITSTRING	1	PDQFLG4	FLAG 4
		DEFINITION OF PDQFLG4			
		1...		PDQBYRT	"X'80'" BYPASS WRITER DATA CSECT RESTORE FOR THIS PDQ
		.1..		PDQRDSI	"X'40'" AT LEAST ONE UNSOLICITED INCOMPLETE RELDS RECVD. (SET IN JOB START PDQ)
		..1.		PDQJSEP	"X'20'" JOB SEPARATOR FLAG; ON - JOB HEADER/NO TRAILR OFF - HEADER/TRAILER BALANCED OUT
		...1		PDQICAN	"X'10'" INTERNAL CANCEL RECEIVED FOR THIS WOSE - SET IN THE OSE START PDQ
		.... 1...		PDQDSTRL	"X'08'" DUMMY JOB TRAILER ASSOC. WITH THIS PDQDSID
		.... .1..		PDQPRTD	"X'04'" All output for the job was printed. This flag is set only in the job start PDQ.
		.... ..1.		PDQINCMP	"X'02'" A get/release type PDQJBSNT was requested indicating the job was interrupted. This flag is set only in the job start PDQ.
		1		PDQCLUP	"X'01'" This PDQ being cleaned up by PDQDEL
184	(B8)	BITSTRING	1	PDQFLG5	PDQ FLAG

Table 585. Structure PDQSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF PDQFLG5			
		1...		PDQCLRJB	"X'80'" PDQCLEAR has called JOBSNT (only set in job strt PDQ)
		.1..		PDQDSINC	"X'40'" A Dataset in this OSE was RELDSed incomplete (only set in OSE start PDQ)
		..1.		PDQFRS20	"X'20'" Reserved for future use
		...1		PDQFRS10	"X'10'" Reserved for future use
		.... 1...		PDQFRS08	"X'08'" Reserved for future use
		.... .1..		PDQFRS04	"X'04'" Reserved for future use
		.... ..1.		PDQFRS02	"X'02'" Reserved for future use
		1		PDQFRS01	"X'01'" Reserved for future use
185	(B9)	BITSTRING	3	PDQRSVD4	Reserved
188	(BC)	SIGNED	4	PDQRSVS2(2)	RESERVED FOR SERVICE
196	(C4)	SIGNED	4	PDQRSVU1	RESERVED FOR USER
200	(C8)	SIGNED	4	PDQEND(0)	END OF PDQ ENTRY ON X'20' BOUNDARY
200	(C8)	X'C8'	0	PDQLEN	"PDQEND-PDQSTART" LENGTH OF PDQ ENTRY
		EQUATES DEFINING FUNCTIONS FOR THE IATXPDQ CALLS EXTERNAL CALL EQUATES			
		....		PDQJBSEL	"X'00',4" JOB SELECT
		.... .1..		PDQOSSEL	"X'04',4" OSE SELECT
		.... 1...		PDQDSSEL	"X'08',4" DATASET SELECT
		.... 11..		PDQDSEND	"X'0C',4" DATASET END
		...1		PDQJBLOG	"X'10',4" JOB LOG
		...1 .1..		PDQJBSNT	"X'14',4" JOB SENT
		...1 1...		PDQDSUPD	"X'18',4" UPDATE DATASET ENTRY IN THE WORK OSE
		...1 11..		PDQWOSUP	"X'1C',4" UPDATE ALL DATASET ENTRIES IN THE WORK OSE
		..1.		PDQSYNCH	"X'20',4" SYNCH
		..1. .1..		PDQDSDSP	"X'24',4" DATASET DISPOSITION
		..1. 1...		PDQJBDSP	"X'28',4" JOB DISPOSITION
		..1. 11..		PDQCLEAR	"X'2C',4" CLEAR THE PIPELINE
		..11		PDQWOSRD	"X'30',4" READ WOSE
		..11 .1..		PDQWOSWR	"X'34',4" WRITE WOSE
		..11 1...		PDQINQ	"X'38',4" INQUIRY
		..11 11..		PDQRECR	"X'3C',4" RECREATE THE PIPELINE
		.1..		PDQWOSCN	"X'40',4" CANCEL THE WOSE PROCESSING
		INTERNAL CALL EQUATES			
		.1.. 1...		PDQGET	"X'48',4" GET A PDQ ENTRY
		.1.. 11..		PDQGETST	"X'4C',4" GET STORAGE FOR A PDQ ENTRY
		.1.1		PDQDEL	"X'50',4" DELETE A PDQ ENTRY
		.1.1 .1..		PDQDEQ	"X'54',4" DEQUEUE A PDQ ENTRY
		.1.1 1...		PDQLOC	"X'58',4" LOCATE A PDQ
		.1.1 11..		PDQWSPIN	"X'5C',4" INITIALIZE THE WSP

Table 585. Structure PDQSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.11.		PDQREST	"X'60',4" RESTORE THE WRITER CSECT
		.11. .1..		PDQSUPCK	"X'64',4" SETUP CHECK AND SET
		.11. 1...		PDQDSPRG	"X'68',4" DSISO DATA SET PURGE ROUTINE
		.11. 11..		PDQERR	"X'6C',4" ERROR ROUTINE

Table 586. Cross Reference for IATYPDQ

Name	Offset	Hex Tag
PDQBYRT	B7	80
PDQCAN	B5	80
PDQCLEAR	C8	2C
PDQCLRJB	B8	80
PDQCLUP	B7	1
PDQCUREN	94	
PDQDDNAM	20	
PDQDEL	C8	50
PDQDEQ	C8	54
PDQDONE	B4	8
PDQDSDSP	C8	24
PDQDSEND	C8	C
PDQDSID	68	
PDQDSINC	B8	40
PDQDSNAM	3C	
PDQDSNML	3B	
PDQDSPRG	C8	68
PDQDSSEL	C8	8
PDQDSSEQ	68	
PDQDSSF	70	
PDQDSTRL	B7	8
PDQDSUPD	C8	18
PDQEND	C8	
PDQERR	C8	6C
PDQFDB	88	
PDQFDBPQ	C	
PDQFLG1	B4	
PDQFLG2	B5	
PDQFLG3	B6	
PDQFLG4	B7	
PDQFLG5	B8	
PDQFRS01	B8	1
PDQFRS02	B8	2
PDQFRS04	B8	4
PDQFRS08	B8	8
PDQFRS10	B8	10
PDQFRS20	B8	20
PDQG	B5	20

Table 586. Cross Reference for IATYPDQ (continued)

Name	Offset	Hex Tag
PDQGET	C8	48
PDQGETST	C8	4C
PDQGOGRS	84	
PDQGOGT	74	
PDQGOGTI	74	
PDQGOGTT	7C	
PDQHCOPY	B6	80
PDQHOLD	B5	4
PDQHRCD	B5	2
PDQICAN	B7	10
PDQID	0	
PDQINCMP	B7	2
PDQINQ	C8	38
PDQJ	B5	10
PDQJBDSP	C8	28
PDQJBEG	B4	80
PDQJBLOG	C8	10
PDQJBSEL	C8	0
PDQJBSNT	C8	14
PDQJEND	B4	20
PDQJLOG	B4	4
PDQJMR	A0	
PDQJNASC	B5	8
PDQJNEWS	18	
PDQJPCNT	A8	
PDQJRCNT	A4	
PDQJRSQ	14	
PDQJSEP	B7	20
PDQJSPDQ	10	
PDQJTRL	B5	1
PDQLEN	C8	C8
PDQLOC	C8	58
PDQNEXT	8	
PDQOBEG	B4	40
PDQOEND	B4	10
PDQOFST	9C	
PDQOSES4	98	
PDQOSSEL	C8	4
PDQPREV	4	
PDQPRIME	B4	1
PDQPRTD	B7	4
PDQRDSI	B7	40
PDQRECR	C8	3C
PDQREST	C8	60
PDQRSCD	B5	40
PDQRSTD	B4	2

Table 586. Cross Reference for IATYPDQ (continued)

Name	Offset	Hex Tag
PDQRSVD1	1C	
PDQRSVD2	9E	
PDQRSVD3	AC	
PDQRSVD4	B9	
PDQRSVD5	96	
PDQRSVSD	38	
PDQRSVS1	B0	
PDQRSVS2	BC	
PDQRSVU1	C4	
PDQSTART	0	
PDQSUPCK	C8	64
PDQSYNCH	C8	20
PDQWOSCN	C8	40
PDQWOSRD	C8	30
PDQWOSUP	C8	1C
PDQWOSWR	C8	34
PDQWSPIN	C8	5C

IATYPRO information

IATYPRO heading information

Common name: PROCEDURE LIBRARY TABLE

Macro ID: IATYPRO

DSECT name: PROCDSEN

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Main Storage: JES3/FSS Private Area (Below 16M)
Auxiliary Storage: N/A

Size: PROCLIB heaer - 144 Bytes
PROCLIB dataset name entry - 52 Bytes

Created by: IATINIP for JES3 address space
IATIIFP for FSS address space

Pointed to by: TPROCCHN in IATYTVT
PROCCHN in IATYPRO
ICTPRCAD in IATYICT

Serialization: NONE

Function: This control block maps the procedure library table. In addition to a header, it contains an entry for every data set within the concatenation.

IATYPRO mapping

Table 587. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

Table 588. Structure IATYPRO

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATYPRO	
0	(0)	SIGNED	4	PROCSTRT(0)	
0	(0)	ADDRESS	4	PROCCHN	ADDRESS OF THE NEXT PROCLIB
4	(4)	CHARACTER	4	PROCNAM	NAME OF TABLE
8	(8)	ADDRESS	4	PROCEDCH	ENABLE - DISABLE CHAIN
12	(C)	CHARACTER	8	PROCNAME	PROCEDURE LIBRARY NAME
12	(C)	X'C'	0	PROCBAS1	"PROCNAME,6" Location/length definition for IATPLBxx ddname base
12	(C)	X'12'	0	PROCSFX1	"PROCNAME+6,2" Location/length definition for IATPLBxx suffix
12	(C)	X'C'	0	PROCBAS2	"PROCNAME,4" Location/length definition for PROCxx ddname base
12	(C)	X'10'	0	PROCSFX2	"PROCNAME+4,2" Location/length definition for PROCxx suffix
20	(14)	SIGNED	4	PROCRSVD	RESERVED FOR DEVELOPMENT 0046
24	(18)	SIGNED	2	PROCUUSE	UPDATE USE COUNT - NO. OF DATASETS BEING UPDATED
26	(1A)	SIGNED	2	PROCSEQN	PROCLIB SEQUENCE NUMBER
28	(1C)	SIGNED	4	PROCCUSE	CURRENT CI USE COUNT - NO. OF JOBS IN CI USING PROCLIB
32	(20)	SIGNED	2	PROCDSCT	NUMBER OF DATASET NAME ENTRIES
34	(22)	SIGNED	2	PROCEDCT	FSS ENABLE-DISABLE PENDING COUNT. THIS IS THE NUMBER OF FSS'S THAT MUST ENABLE OR DISABLE THIS PROCLIB BEFORE THE WAITING DSP IS POSTED.
36	(24)	BITSTRING	1	PROCFLG1	FLAG1
		DEFINITION OF PROCFLG1			
		1...		PROCUHLD	"X'80'" UPDATE JOB HOLD ON THIS PROC
		.1..		PROCUNAL	"X'40'" PROCLIB IS UNALLOCATED
		..1.		PROCFSSD	"X'20'" PROCLIB DISABLED BY ALL CI FSS'S. USED BY DISABLE DSP
		...1		PROCFSSE	"X'10'" PROCLIB ENABLED BY ALL CI FSS'S. USED BY ENABLE DSP
		.... 1...		PROCDSBL	"X'08'" PROC DISABLED DUE TO ERROR
		.... .1..		PROCENBP	"X'04'" ENABLE REQUEST IS PENDING FOR THIS PROCLIB
		.... ..1.		PROCDSBP	"X'02'" DISABLE REQUEST IS PENDING FOR THIS PROCLIB
		1		PROCABRT	"X'01'" ABORT THE DISABLE/ENABLE FOR THIS PROCLIB. SET BY CIDRVR IF AN ABEND OCCURS.
37	(25)	BITSTRING	2	PROCMBSI	MAXIMUM BLOCK SIZE
		THIS LINE DELETED BY APAR OY30770			
39	(27)	BITSTRING	1	PROCFLRU	RESERVED FOR USER
		PROCLIB DCB (ALIGNED ON FULLWORD) PROCDCB DCB DSORG=PO,DEVD=DA,DDNAME=IATPLBXX,MACRF=(R) DATA CONTROL BLOCK			
40	(28)	SIGNED	4	PROCDCB(0)	ORIGIN ON WORD BOUNDARY DIRECT ACCESS DEVICE INTERFACE
40	(28)	BITSTRING	16		FDAD, DVTBL

Table 588. Structure IATYPRO (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
56	(38)	ADDRESS	4		KEYLEN, DEVT, TRBAL COMMON ACCESS METHOD INTERFACE
60	(3C)	ADDRESS	1		BUFNO, NUMBER OF BUFFERS
61	(3D)	ADDRESS	3		BUFCB, BUFFER POOL CONTROL BLOCK
64	(40)	ADDRESS	2		BUFL, BUFFER LENGTH
66	(42)	BITSTRING	2		DSORG, DATA SET ORGANIZATION
68	(44)	ADDRESS	4		IOBAD FOR EXCP OR RESERVED FOUNDATION EXTENSION
72	(48)	BITSTRING	1		BFTEK, BFALN, DCBE INDICATORS
73	(49)	ADDRESS	3		EODAD (END OF DATA ROUTINE ADDRESS)
76	(4C)	BITSTRING	1		RECFM (RECORD FORMAT)
77	(4D)	ADDRESS	3		EXLST (EXIT LIST ADDRESS) FOUNDATION BLOCK
80	(50)	CHARACTER	8		DDNAME
88	(58)	BITSTRING	1		OFLGS (OPEN FLAGS)
89	(59)	BITSTRING	1		IFLGS (IOS FLAGS)
90	(5A)	BITSTRING	2		MACR (MACRO FORMAT) BSAM-BPAM-QSAM INTERFACE
92	(5C)	BITSTRING	1		OPTCD, OPTION CODES
93	(5D)	ADDRESS	3		CHECK OR INTERNAL QSAM SYNCHRONIZING RTN.
96	(60)	ADDRESS	4		SYNAD, SYNCHRONOUS ERROR RTN. (3 BYTES)
100	(64)	SIGNED	2		INTERNAL ACCESS METHOD FLAGS
102	(66)	ADDRESS	2		BLKSIZE, BLOCK SIZE
104	(68)	SIGNED	4		INTERNAL ACCESS METHOD FLAGS
108	(6C)	ADDRESS	4		INTERNAL ACCESS METHOD USE BSAM-BPAM INTERFACE
112	(70)	ADDRESS	1		NCP, MAX NUM OF OUTSTANDING READ/WRITES
113	(71)	ADDRESS	3		EOBR, INTERNAL ACCESS METHOD USE
116	(74)	ADDRESS	4		EOBW, INTERNAL ACCESS METHOD USE
120	(78)	ADDRESS	1	(2)	FLAGS AND EITHER DIRCT OR BUFOFF
122	(7A)	ADDRESS	2		LRECL
124	(7C)	ADDRESS	4		CNTRL, NOTE, POINT
124	(7C)	X'58'	0	PROCDCBL	"*-PROCDCB" LENGTH OF PROCLIB DCB
128	(80)	SIGNED	4	PROCMSID	MESSAGE ID TO DEQUEUE
132	(84)	SIGNED	4	PROCHRVD	RESERVED FOR DEVELOPMENT
136	(88)	SIGNED	4	PROCHRVS	RESERVED FOR SERVICE
140	(8C)	SIGNED	4	PROCHRVU	RESERVED FOR USER
144	(90)	SIGNED	4	PROCHEND(0)	END OF PROCLIB HEADER ENTRY
144	(90)	BITSTRING	1	PROCHSIZ(0)	SIZE OF PROCLIB HEADER

Table 589. Structure PROCDSEN

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	PROCDSEN	
0	(0)	CHARACTER	44	PROCDSN	PROCLIB DATASET NAME
44	(2C)	SIGNED	4	PROCUPJN	UPDATE JOB NUMBER

Table 589. Structure PROCDSEN (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
48	(30)	BITSTRING	2	PROCDRS1	RESERVED FOR DEVELOPMENT
50	(32)	BITSTRING	2	PROCDRS2	RESERVED FOR SERVICE
52	(34)	BITSTRING	1	PROCDEND(0)	END OF PROCLIB DATASET ENTRY
52	(34)	BITSTRING	1	PROCDSIZ(0)	SIZE OF DATASET ENTRY

Table 590. Cross Reference for IATYPRO

Name	Offset	Hex Tag
IATYPRO	0	
PROCABRT	24	1
PROCBAS1	C	C
PROCBAS2	C	C
PROCCHN	0	
PROCCUSE	1C	0
PROCDCB	28	
PROCDCBL	7C	58
PROCDEND	34	
PROCDRS1	30	
PROCDRS2	32	
PROCDSBL	24	8
PROCDSBP	24	2
PROCDSCT	20	0
PROCDSEN	0	
PROCDSIZ	34	
PROCDSN	0	40404040
PROCEDCH	8	
PROCEDCT	22	0
PROCENBP	24	4
PROCFLG1	24	0
PROCFLRU	27	0
PROCFSSD	24	20
PROCFSSE	24	10
PROCHEND	90	
PROCHRVD	84	
PROCHRVS	88	
PROCHRVU	8C	
PROCHSIZ	90	
PROCMBSI	25	0
PROCMSID	80	0
PROCNAM	4	D7D9D6C3
PROCNAME	C	40404040
PROCRSVD	14	
PROCSEQN	1A	
PROCSFX1	C	12
PROCSFX2	C	10
PROCSTRT	0	

Table 590. Cross Reference for IATYPRO (continued)

Name	Offset	Hex Tag
PROCUHLD	24	80
PROCUNAL	24	40
PROCUPJN	2C	0
PROCUUSE	18	0

IATYRAB information

IATYRAB programming interface information

The following field is **NOT** programming interface information:

- RABGMAIN

IATYRAB heading information

Common name:	USAM RECORD ALLOCATION BLOCK (RAB)
Macro ID:	IATYRAB
DSECT name:	RABSTART
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	RAB Offset: RABID Length: 4
Storage attributes:	Main Storage: SUBPOOL 0, 241
Size:	40 Bytes
Created by:	IATIICC IATSIADD OF IATSIAD
Pointed to by:	DSSRAB OF IATYDSS IDDRAB OF IATYIDD RQCIRAB OF IATYRSQ EXPANDED IN: IATYJIB (JIBRAB) IATYJSQ (JSQRAB) IATYMEM (MEMRAB)
Serialization:	Local Lock
Function:	Allocate records within a track group

IATYRAB mapping

Table 591. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

Table 592. Structure RABTKGRP

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	RABTKGRP	
RECORD ALLOCATION BLOCK LOGICAL TRACK GROUP ENTRY					
0	(0)	SIGNED	2	RABRECCT	COUNT OF RECORDS THIS T.G.
2	(2)	BITSTRING	0	RABSPADR(0)	M.R OF LOGICAL TRACK GROUP
2	(2)	BITSTRING	2	RABSPMOD	M.R - EXTENT NUMBER
4	(4)	BITSTRING	1	RABSPREC	M.R - SPOOL RECORD NUMBER

Table 592. Structure RABTKGRP (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
4	(4)	X'8'	0	RABTGEND	"*" END OF TRACK GROUP
4	(4)	X'8'	0	RABTGSIZ	"RABTGEND-RABTKGRP" SIZE OF ONE TRK GRP

Table 593. Structure RABSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	RABSTART	
		USAM RECORD ALLOCATION BLOCK			
0	(0)	CHARACTER	4	RABID	RAB DATA AREA IDENTIFIER
4	(4)	BITSTRING	1	RABFLAG1	RAB FLAG BYTE ONE
		DEFINITION OF RABFLAG1			
		1...		RABNAV	"X'80'" NO RECORDS AVAILABLE
		.1..		RABDSTRY	"X'40'" RAB HAS BEEN DESTROYED (XRABD)
		..1.		RABCLOSE	"X'20'" RAB HAS BEEN CLOSED (THIS FLAG IS A FOOTPRINT ONLY)
		...1		RABRERAP	"X'10'" RAB REFRESH REQUESTED BY-0074 IATXRABP ROUTINE 0074
		.... 1...		RABDABND	"X'08'" RAB DESTROY ABEND OCCURRED
		.... .1..		RABDJBTR	"X'04'" A JBT HAS BEEN READ
		.... ..1.		RABMTNAV	"X'02'" RAB empty with RABNAV=OFF
5	(5)	BITSTRING	1	RABTRKG1	NO. TRKGRPS AVAIL (RABTGRPS)
6	(6)	BITSTRING	1	RABTRKG2	TRKGRPS SECONDARY ALLOC COUNT
7	(7)	BITSTRING	1	RABRSVD1	RESERVED FOR DEVELOPMENT
8	(8)	BITSTRING	6	RABTATAD	M.R OF JOB OR DS TAT
14	(E)	SIGNED	2	RABSPNDX	SPOOL PARTITION INDEX
16	(10)	SIGNED	4	RABGMAIN	SAVE AREA FOR GETMAINED STORE
		1...		RABRRERE	"X'80'" HIGH ORDER BIT OF RABGMAIN 0 - RRE OK 1 - RRE NOT AVAILABLE
20	(14)	SIGNED	4	RABPOSTQ	DSS'S WAITING FOR RECORDS
24	(18)	SIGNED	4	RABVALID	RECORD VALIDATION FIELD
28	(1C)	SIGNED	4	RABRRECB	ECB FOR RAB REFRESH.
		.1..		RABPPOST	"X'40'" POST FLAG FOR RABRRECB
		RAB TRACK GROUP ENTRIES			
32	(20)	BITSTRING	0	RABALLGP(0)	RAB TRACK GROUP ENTRY AREA
32	(20)	BITSTRING	8	RABACTGP	ACTIVE TRACK GROUP ENTRY
40	(28)	BITSTRING	1	RABTGRPS(9)	AVAILABLE TRACK GROUP ENTRIES
40	(28)	X'70'	0	RABEND	"*" END OF RAB
40	(28)	X'70'	0	RABSIZE	"RABEND-RABSTART" SIZE OF RAB

Table 594. Cross Reference for IATYRAB

Name	Offset	Hex Tag
RABACTGP	20	
RABALLGP	20	

Table 594. Cross Reference for IATYRAB (continued)

Name	Offset	Hex Tag
RABCLOSE	4	20
RABDABND	4	8
RABDJBTR	4	4
RABDSTRY	4	40
RABEND	28	70
RABFLAG1	4	
RABGMAIN	10	
RABID	0	
RABMTNAV	4	2
RABNAV	4	80
RABPOSTQ	14	
RABPPOST	1C	40
RABRECCT	0	
RABRERAP	4	10
RABRRECB	1C	
RABRRERE	10	80
RABRSVD1	7	
RABSIZE	28	70
RABSPADR	2	
RABSPMOD	2	
RABSPNDX	E	
RABSPREC	4	
RABSTART	0	
RABTATAD	8	
RABTGEND	4	8
RABTGRPS	28	
RABTGSIZ	4	8
RABTKGRP	0	
RABTRKG1	5	
RABTRKG2	6	
RABVALID	18	

IATYRCE information

IATYRCE heading information

Common name: RQ CHAINED SINGLE RECORD FILE EXTENSION

Macro ID: IATYRCE

DSECT name: RCESTART, RCEENTRY

Owning component: JES3 (SC1BA)

Eye-catcher ID: RCE
Offset: 0
Length: 4

Storage attributes: Main Storage: JESPOOL
Auxiliary Storage: N/A

Size: HEADER = RCESIZE
ENTRY = RCESRSIZ

Created by: IATDMCS

Pointed to by: JQERCEAD (IN IATYJQE)
RQRCEAD (IN IATYRSQ)

Serialization: NONE

Function: THE RQ CHAINED SRF EXTENSION (RCE) IS
BUILT BY MODULE IATDMCS AND IS CHAINED FROM
A JOB'S RQ WHEN ONE OR MORE OF THE JOB'S
CHAINED SINGLE RECORD FILES CONTAINS
A SPECIFIED NUMBER OF BUFFERS.
EACH BUFFER HAS ITS OWN THRESHOLD WHICH
IS SPECIFIED IN THE TVT.
THE RCE CONSISTS OF A HEADER SECTION AND
ROOM FOR UP TO 4 CHAINED SINGLE RECORD FILE *0568
ENTRIES. EACH ENTRY CONTAINS:
- THE 3 OR 4 CHARACTER SINGLE RECORD FILE
IDENTIFIER (SRF ID) WHICH IDENTIFIES
THE SPECIFIC CONTROL BLOCK THAT THE
SRF ENTRY REPRESENTS;
- THE ADDRESS OF THE SRF'S CHAINED SRF
BUFFER TABLE (CSBT);
- LAST BUFFER NUMBER FOR THE SRF;
- A LIST OF SRF NOTE ELEMENTS (IF NOTE
ELEMENTS EXIST FOR THE SRF);
- A 4-BYTE AREA TO BE USED FOR INFORMATION
SPECIFIC TO THE SRF, IF NECESSARY.

IATYRCE mapping

Table 595. Structure RCESTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	RCESTART	
0	(0)	CHARACTER	4	RCEID	DATA AREA IDENTIFIER
4	(4)	ADDRESS	4	RCERQAD	ADDRESS OF THE JOB'S RQ

```
NOTE: WHEN DEFINING NEW RCE ENTRIES YOU MUST DEFINE A NEW
      ID EQUATE BELOW. THE FORMAT SHOULD BE RCEXXXX, WHERE
      XXXX IS THE SPOOL CONTROL BLOCK'S ID.
      RCECOUNT MUST BE INCREMENTED TO REFLECT THE NUMBER
      OF DEFINED RCE ENTRY TYPES.
      CHANGES ARE ALSO REQUIRED TO THE IATXCSS CREATE
      ROUTINE IN IATDMCS. SEE THE 'SPECIAL NOTE FOR
      IATYRCE CHANGES' IN IATDMCS.
      THE FOLLOWING EQUATES ARE USED TO CALCULATE THE
      RCE ADDRESS GIVEN THE RCEID. IATXCSS WILL USE ONE
      OF THESE EQUATES TO CALCULATE THE RCE ENTRY ADDRESS
      WHEN THE ID IS SPECIFIED AS A NAME.
```

4	(4)	X'4'	0	RCECOUNT	"4" NUMBER OF RCE ENTRIES 0568
4	(4)	X'14'	0	RCEJDS	"0*RCESRSIZ+RCEHSIZE" JDS RCE ENTRY NUMBER
4	(4)	X'38'	0	RCEDJST	"1*RCESRSIZ+RCEHSIZE" DJST RCE ENTRY NUMBER
4	(4)	X'5C'	0	RCEOSE	"2*RCESRSIZ+RCEHSIZE" OSE RCE ENTRY NUMBER
4	(4)	X'80'	0	RCEJST	"3*RCESRSIZ+RCEHSIZE" JST RCE ENTRY NUMBER
8	(8)	BITSTRING	1	RCEHFLG1	RCE HEADER FLAG1

```
DEFINITION OF RCEHFLG1
```

		1...		RCEGETM	"X'80'" RCE WAS AGETMAINED
		.1..		RCEJDSD	"X'40'" JDS RCE/CSBT DISABLED
		..1.		RCEDJSTD	"X'20'" DJST RCE/CSBT DISABLED
		...1		RCEOSED	"X'10'" OSE RCE/CSBT DISABLED
		.... 1...		RCEJSTD	"X'08'" JST RCE/CSBT DISABLED
9	(9)	BITSTRING	1	RCERSVDD(3)	RESERVED FOR DEVELOPMENT
12	(C)	SIGNED	4	RCERSVDS	RESERVED FOR SERVICE

Table 595. Structure RCESTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
16	(10)	SIGNED	4	RCERSVDU	RESERVED FOR USER
16	(10)	X'14'	0	RCEHEND	"*" END OF RCE HEADER
16	(10)	X'14'	0	RCEHSIZE	"RCEHEND-RCESTART" SIZE OF RCE HEADER SECTION
		RQ CHAINED SRF EXTENSION SINGLE RECORD FILE ENTRIES			
20	(14)	BITSTRING	0	RCESRFS(0)	RCE CHAINED SRF ENTRY AREA
20	(14)	X'A4'	0	RCEEND	"*" END OF RCE DATA AREA
20	(14)	X'A4'	0	RCESIZE	"RCEEND-RCESTART" SIZE OF RCE
164	(A4)	SIGNED	2	RCEFREND(0)	END RCE HDR FROZEN SECTION

Table 596. Structure RCEENTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	RCEENTRY	
		CHAINED SINGLE RECORD FILE ENTRY WARNING THE OFFSETS BETWEEN RCEENTRY AND RCEEFEND MUST NOT BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON SOME JES3 MODULES.			
0	(0)	CHARACTER	4	RCEDMID	SRF SPOOL RECORD IDENTIFIER
4	(4)	ADDRESS	4	RCECSBTA	CHAINED SRF CSBT ADDRESS
8	(8)	SIGNED	4	RCERSVU2	RESERVED FOR DEVELOPMENT
12	(C)	SIGNED	2	RCEEFEND(0)	END OF RCE ENTRY FROZEN SECTION
		WARNING THE OFFSETS BETWEEN RCEENTRY AND RCEEFEND MUST NOT BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON SOME JES3 MODULES.			
12	(C)	ADDRESS	4	RCELAST	LAST BUFFER IN THE SRF
16	(10)	SIGNED	4	RCECNT1	Active cell count
20	(14)	SIGNED	4	RCECNT2	Secondary cell count
24	(18)	SIGNED	4	RCESRSVD	RESERVED FOR DEVELOPMENT
28	(1C)	SIGNED	4	RCESRSVS	RESERVED FOR SERVICE
32	(20)	SIGNED	4	RCESRSVU	RESERVED FOR USER
32	(20)	X'24'	0	RCESREND	"*" END OF THE SRF ENTRY
32	(20)	X'24'	0	RCESRSIZ	"RCESREND-RCEENTRY" SIZE OF ONE SRF ENTRY

Table 597. Cross Reference for IATYRCE

Name	Offset	Hex Tag
RCECNT1	10	
RCECNT2	14	
RCECOUNT	4	4
RCECSBTA	4	
RCEDJST	4	38
RCEDJSTD	8	20
RCEDMID	0	
RCEEFEND	C	

Table 597. Cross Reference for IATYRCE (continued)

Name	Offset	Hex Tag
RCEEND	14	A4
RCEENTRY	0	
RCEFREND	A4	
RCEGETM	8	80
RCEHEND	10	14
RCEHFLG1	8	
RCEHSIZE	10	14
RCEID	0	D9C3C540
RCEJDS	4	14
RCEJDSD	8	40
RCEJST	4	80
RCEJSTD	8	8
RCELAST	C	
RCEOSE	4	5C
RCEOSED	8	10
RCERQAD	4	
RCERSVDD	9	
RCERSVDS	C	
RCERSVDU	10	
RCERSVU2	8	
RCESIZE	14	A4
RCESREND	20	24
RCESRFS	14	
RCESRSIZ	20	24
RCESRSVD	18	
RCESRSVS	1C	
RCESRSVU	20	
RCESTART	0	

IATYRCM information

IATYRCM programming interface information

IATYRCM is a programming interface.

IATYRCM heading information

Common name: JES3 Routing Code Mask

Macro ID: IATYRCM

DSECT name: None

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Main Storage: None
Virtual Storage: None
Auxiliary Storage: None

Size: N/A

Created by: N/A

Pointed to by: N/A

Serialization: N/A

Function: Maps the 17 byte routing code mask.

IATYRCM mapping

Table 598. Structure RCMSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	RCMSTART	
Routing code byte 1.					
0	(0)	BITSTRING	1	RCMBYT1	Routing Codes 1 - 8
		1...		RCMRC1	"X'80'"
		.1..		RCMRC2	"X'40'"
		..1.		RCMRC3	"X'20'"
		...1		RCMRC4	"X'10'"
		.... 1...		RCMRC5	"X'08'"
		.... .1..		RCMRC6	"X'04'"
		.... ..1.		RCMRC7	"X'02'"
		1		RCMRC8	"X'01'"
Routing code byte 2.					
1	(1)	BITSTRING	1	RCMBYT2	Routing Codes 9 - 16
		1...		RCMRC9	"X'80'"
		.1..		RCMRC10	"X'40'"
		..1.		RCMRC11	"X'20'"
		...1		RCMRC12	"X'10'"
		.... 1...		RCMRC13	"X'08'"
		.... .1..		RCMRC14	"X'04'"
		.... ..1.		RCMRC15	"X'02'"
		1		RCMRC16	"X'01'"
Routing code byte 3.					
2	(2)	BITSTRING	1	RCMBYT3	Routing Codes 17 - 24
		1...		RCMRC17	"X'80'"
		.1..		RCMRC18	"X'40'"
		..1.		RCMRC19	"X'20'"
		...1		RCMRC20	"X'10'"
		.... 1...		RCMRC21	"X'08'"
		.... .1..		RCMRC22	"X'04'"
		.... ..1.		RCMRC23	"X'02'"
		1		RCMRC24	"X'01'"
Routing code byte 4.					
3	(3)	BITSTRING	1	RCMBYT4	Routing Codes 25 - 32
		1...		RCMRC25	"X'80'"
		.1..		RCMRC26	"X'40'"
		..1.		RCMRC27	"X'20'"
		...1		RCMRC28	"X'10'"

Table 598. Structure RCMSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		RCMRC29	"X'08'"
		.... .1..		RCMRC30	"X'04'"
		.... ..1.		RCMRC31	"X'02'"
		1		RCMRC32	"X'01'"
Routing code byte 5.					
4	(4)	BITSTRING	1	RCMBYT5	Routing Codes 33 - 40
		1...		RCMRC33	"X'80'"
		.1..		RCMRC34	"X'40'"
		..1.		RCMRC35	"X'20'"
		...1		RCMRC36	"X'10'"
		.... 1...		RCMRC37	"X'08'"
		.... .1..		RCMRC38	"X'04'"
		.... ..1.		RCMRC39	"X'02'"
		1		RCMRC40	"X'01'"
Routing code byte 6.					
5	(5)	BITSTRING	1	RCMBYT6	Routing Codes 41 - 48
		1...		RCMRC41	"X'80'"
		.1..		RCMRC42	"X'40'"
		..1.		RCMRC43	"X'20'"
		...1		RCMRC44	"X'10'"
		.... 1...		RCMRC45	"X'08'"
		.... .1..		RCMRC46	"X'04'"
		.... ..1.		RCMRC47	"X'02'"
		1		RCMRC48	"X'01'"
Routing code byte 7.					
6	(6)	BITSTRING	1	RCMBYT7	Routing Codes 49 - 56
		1...		RCMRC49	"X'80'"
		.1..		RCMRC50	"X'40'"
		..1.		RCMRC51	"X'20'"
		...1		RCMRC52	"X'10'"
		.... 1...		RCMRC53	"X'08'"
		.... .1..		RCMRC54	"X'04'"
		.... ..1.		RCMRC55	"X'02'"
		1		RCMRC56	"X'01'"
Routing code byte 8.					
7	(7)	BITSTRING	1	RCMBYT8	Routing Codes 57 - 64
		1...		RCMRC57	"X'80'"
		.1..		RCMRC58	"X'40'"
		..1.		RCMRC59	"X'20'"
		...1		RCMRC60	"X'10'"
		.... 1...		RCMRC61	"X'08'"

Table 598. Structure RCMSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... .1..		RCMRC62	"X'04'"
		.... ..1.		RCMRC63	"X'02'"
		1		RCMRC64	"X'01'"
		Routing code byte 9.			
8	(8)	BITSTRING	1	RCMBYT9	Routing Codes 65 - 72
		1...		RCMRC65	"X'80'"
		.1..		RCMRC66	"X'40'"
		..1.		RCMRC67	"X'20'"
		...1		RCMRC68	"X'10'"
		.... 1...		RCMRC69	"X'08'"
		.... .1..		RCMRC70	"X'04'"
		.... ..1.		RCMRC71	"X'02'"
		1		RCMRC72	"X'01'"
		Routing code byte 10.			
9	(9)	BITSTRING	1	RCMBYT10	Routing Codes 73 - 80
		1...		RCMRC73	"X'80'"
		.1..		RCMRC74	"X'40'"
		..1.		RCMRC75	"X'20'"
		...1		RCMRC76	"X'10'"
		.... 1...		RCMRC77	"X'08'"
		.... .1..		RCMRC78	"X'04'"
		.... ..1.		RCMRC79	"X'02'"
		1		RCMRC80	"X'01'"
		Routing code byte 11.			
10	(A)	BITSTRING	1	RCMBYT11	Routing Codes 81 - 88
		1...		RCMRC81	"X'80'"
		.1..		RCMRC82	"X'40'"
		..1.		RCMRC83	"X'20'"
		...1		RCMRC84	"X'10'"
		.... 1...		RCMRC85	"X'08'"
		.... .1..		RCMRC86	"X'04'"
		.... ..1.		RCMRC87	"X'02'"
		1		RCMRC88	"X'01'"
		Routing code byte 12.			
11	(B)	BITSTRING	1	RCMBYT12	Routing Codes 89 - 96
		1...		RCMRC89	"X'80'"
		.1..		RCMRC90	"X'40'"
		..1.		RCMRC91	"X'20'"
		...1		RCMRC92	"X'10'"
		.... 1...		RCMRC93	"X'08'"
		.... .1..		RCMRC94	"X'04'"

Table 598. Structure RCMSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... ..1.		RCMRC95	"X'02'"
		1		RCMRC96	"X'01'"
		Routing code byte 13.			
12	(C)	BITSTRING	1	RCMBYT13	Routing Codes 97 - 104
		1...		RCMRC97	"X'80'"
		.1..		RCMRC98	"X'40'"
		..1.		RCMRC99	"X'20'"
		...1		RCMRC100	"X'10'"
		.... 1...		RCMRC101	"X'08'"
		.... .1..		RCMRC102	"X'04'"
		.... ..1.		RCMRC103	"X'02'"
		1		RCMRC104	"X'01'"
		Routing code byte 14.			
13	(D)	BITSTRING	1	RCMBYT14	Routing Codes 105 - 112
		1...		RCMRC105	"X'80'"
		.1..		RCMRC106	"X'40'"
		..1.		RCMRC107	"X'20'"
		...1		RCMRC108	"X'10'"
		.... 1...		RCMRC109	"X'08'"
		.... .1..		RCMRC110	"X'04'"
		.... ..1.		RCMRC111	"X'02'"
		1		RCMRC112	"X'01'"
		Routing code byte 15.			
14	(E)	BITSTRING	1	RCMBYT15	Routing Codes 113 - 120
		1...		RCMRC113	"X'80'"
		.1..		RCMRC114	"X'40'"
		..1.		RCMRC115	"X'20'"
		...1		RCMRC116	"X'10'"
		.... 1...		RCMRC117	"X'08'"
		.... .1..		RCMRC118	"X'04'"
		.... ..1.		RCMRC119	"X'02'"
		1		RCMRC120	"X'01'"
		Routing code byte 16.			
15	(F)	BITSTRING	1	RCMBYT16	Routing Codes 121 - 128
		1...		RCMRC121	"X'80'"
		.1..		RCMRC122	"X'40'"
		..1.		RCMRC123	"X'20'"
		...1		RCMRC124	"X'10'"
		.... 1...		RCMRC125	"X'08'"
		.... .1..		RCMRC126	"X'04'"
		.... ..1.		RCMRC127	"X'02'"

Table 598. Structure RCMSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1		RCMRC128	"X'01'"
		Routing code byte 17.			
16	(10)	BITSTRING	1	RCMBYT17	JES3-Specific Indicators
		1...		RCMCALL	"X'80'" Destination Class 'ALL'
		.1..		RCMCMLG	"X'40'" Destination Class 'MLG'
		End of routing code mapping.			
16	(10)	X'11'	0	RCMEND	"*"
16	(10)	X'11'	0	RCMSIZE	"RCMEND-RCMSTART"

Table 599. Cross Reference for IATYRCM

Name	Offset	Hex Tag
RCMBYT1	0	
RCMBYT10	9	
RCMBYT11	A	
RCMBYT12	B	
RCMBYT13	C	
RCMBYT14	D	
RCMBYT15	E	
RCMBYT16	F	
RCMBYT17	10	
RCMBYT2	1	
RCMBYT3	2	
RCMBYT4	3	
RCMBYT5	4	
RCMBYT6	5	
RCMBYT7	6	
RCMBYT8	7	
RCMBYT9	8	
RCMCALL	10	80
RCMCMLG	10	40
RCMEND	10	11
RCMRC1	0	80
RCMRC10	1	40
RCMRC100	C	10
RCMRC101	C	8
RCMRC102	C	4
RCMRC103	C	2
RCMRC104	C	1
RCMRC105	D	80
RCMRC106	D	40
RCMRC107	D	20
RCMRC108	D	10
RCMRC109	D	8

Table 599. Cross Reference for IATYRCM (continued)

Name	Offset	Hex Tag
RCMRC11	1	20
RCMRC110	D	4
RCMRC111	D	2
RCMRC112	D	1
RCMRC113	E	80
RCMRC114	E	40
RCMRC115	E	20
RCMRC116	E	10
RCMRC117	E	8
RCMRC118	E	4
RCMRC119	E	2
RCMRC12	1	10
RCMRC120	E	1
RCMRC121	F	80
RCMRC122	F	40
RCMRC123	F	20
RCMRC124	F	10
RCMRC125	F	8
RCMRC126	F	4
RCMRC127	F	2
RCMRC128	F	1
RCMRC13	1	8
RCMRC14	1	4
RCMRC15	1	2
RCMRC16	1	1
RCMRC17	2	80
RCMRC18	2	40
RCMRC19	2	20
RCMRC2	0	40
RCMRC20	2	10
RCMRC21	2	8
RCMRC22	2	4
RCMRC23	2	2
RCMRC24	2	1
RCMRC25	3	80
RCMRC26	3	40
RCMRC27	3	20
RCMRC28	3	10
RCMRC29	3	8
RCMRC3	0	20
RCMRC30	3	4
RCMRC31	3	2
RCMRC32	3	1
RCMRC33	4	80
RCMRC34	4	40
RCMRC35	4	20

Table 599. Cross Reference for IATYRCM (continued)

Name	Offset	Hex Tag
RCMRC36	4	10
RCMRC37	4	8
RCMRC38	4	4
RCMRC39	4	2
RCMRC4	0	10
RCMRC40	4	1
RCMRC41	5	80
RCMRC42	5	40
RCMRC43	5	20
RCMRC44	5	10
RCMRC45	5	8
RCMRC46	5	4
RCMRC47	5	2
RCMRC48	5	1
RCMRC49	6	80
RCMRC5	0	8
RCMRC50	6	40
RCMRC51	6	20
RCMRC52	6	10
RCMRC53	6	8
RCMRC54	6	4
RCMRC55	6	2
RCMRC56	6	1
RCMRC57	7	80
RCMRC58	7	40
RCMRC59	7	20
RCMRC6	0	4
RCMRC60	7	10
RCMRC61	7	8
RCMRC62	7	4
RCMRC63	7	2
RCMRC64	7	1
RCMRC65	8	80
RCMRC66	8	40
RCMRC67	8	20
RCMRC68	8	10
RCMRC69	8	8
RCMRC7	0	2
RCMRC70	8	4
RCMRC71	8	2
RCMRC72	8	1
RCMRC73	9	80
RCMRC74	9	40
RCMRC75	9	20
RCMRC76	9	10
RCMRC77	9	8

Table 599. Cross Reference for IATYRCM (continued)

Name	Offset	Hex Tag
RCMRC78	9	4
RCMRC79	9	2
RCMRC8	0	1
RCMRC80	9	1
RCMRC81	A	80
RCMRC82	A	40
RCMRC83	A	20
RCMRC84	A	10
RCMRC85	A	8
RCMRC86	A	4
RCMRC87	A	2
RCMRC88	A	1
RCMRC89	B	80
RCMRC9	1	80
RCMRC90	B	40
RCMRC91	B	20
RCMRC92	B	10
RCMRC93	B	8
RCMRC94	B	4
RCMRC95	B	2
RCMRC96	B	1
RCMRC97	C	80
RCMRC98	C	40
RCMRC99	C	20
RCMSIZE	10	11
RCMSTART	0	

IATYREG information

IATYREG programming interface information

IATYREG is a programming interface.

IATYREG heading information

Common name: REGISTER EQUIVALENTS

Macro ID: IATYREG

DSECT name: None

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Main Storage: N/A
Auxiliary Storage: N/A

Size: N/A

Created by: N/A

Pointed to by: N/A

Serialization: N/A

Function: Provides equates for the general purpose and access registers ZERO thru FIFTEEN.

IATYREG mapping

Table 600. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		
	GENERAL PURPOSE REGISTERS				
0	(0)	X'0'	0	R0	"0"
0	(0)	X'1'	0	R1	"1"
0	(0)	X'2'	0	R2	"2"
0	(0)	X'3'	0	R3	"3"
0	(0)	X'4'	0	R4	"4"
0	(0)	X'5'	0	R5	"5"
0	(0)	X'6'	0	R6	"6"
0	(0)	X'7'	0	R7	"7"
0	(0)	X'8'	0	R8	"8"
0	(0)	X'9'	0	R9	"9"
0	(0)	X'A'	0	R10	"10"
0	(0)	X'B'	0	R11	"11"
0	(0)	X'C'	0	R12	"12"
0	(0)	X'D'	0	R13	"13"
0	(0)	X'E'	0	R14	"14"
0	(0)	X'F'	0	R15	"15"
	ACCESS REGISTERS				
0	(0)	X'0'	0	AR0	"0"
0	(0)	X'1'	0	AR1	"1"
0	(0)	X'2'	0	AR2	"2"
0	(0)	X'3'	0	AR3	"3"
0	(0)	X'4'	0	AR4	"4"
0	(0)	X'5'	0	AR5	"5"
0	(0)	X'6'	0	AR6	"6"
0	(0)	X'7'	0	AR7	"7"
0	(0)	X'8'	0	AR8	"8"
0	(0)	X'9'	0	AR9	"9"
0	(0)	X'A'	0	AR10	"10"
0	(0)	X'B'	0	AR11	"11"
0	(0)	X'C'	0	AR12	"12"
0	(0)	X'D'	0	AR13	"13"
0	(0)	X'E'	0	AR14	"14"
0	(0)	X'F'	0	AR15	"15"

Table 601. Cross Reference for IATYREG

Name	Offset	Hex Tag
AR0	0	0
AR1	0	1
AR10	0	A
AR11	0	B

Table 601. Cross Reference for IATYREG (continued)

Name	Offset	Hex Tag
AR12	0	C
AR13	0	D
AR14	0	E
AR15	0	F
AR2	0	2
AR3	0	3
AR4	0	4
AR5	0	5
AR6	0	6
AR7	0	7
AR8	0	8
AR9	0	9
R0	0	0
R1	0	1
R10	0	A
R11	0	B
R12	0	C
R13	0	D
R14	0	E
R15	0	F
R2	0	2
R3	0	3
R4	0	4
R5	0	5
R6	0	6
R7	0	7
R8	0	8
R9	0	9

IATYRGP information

IATYRGP heading information

Common name: RJPCONS General Routines Parameter lists

Macro ID: IATYRGP

DSECT name: RJGRMOD, TXTFPARM, MDBRPARM

Owning component: JES3 (SC1BA)

Eye-catcher ID: none

Storage attributes: Main Storage: JES3 PRIVATE
Auxiliary Storage: N/A

Size: N/A

Created by: IATRJPC

Pointed to by: N/A

Serialization: none

Function: Parameter lists for passing information to RJPCONS General routines (IATRJGR).
The module parameter list consists of a Function code followed by a pointer to the specific Function Code's parameter list.

```
+---------------+
| Function Code |
| |
+---------------+
| Function Parm |
| List pointer |------->+-------------+
+---------------+ | Function |
| Specific |
| Information |
+-------------+
```

Valid Function Codes:
"TXTF" -- "Format input text into JES3 format"
"MDBR" -- "MDB Release CAD buffers"
"DO NOT CHANGE ANY OFFSETS IN THIS MACRO -- Referenced by non-source maintained modules

IATYRGP mapping

Table 602. Structure RJGRMOD

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	RJGRMOD	Module parameter list
0	(0)	CHARACTER	4	RJGRFUNC	Function Code for specific ...operation to invoke
4	(4)	ADDRESS	4	RJGRFPRM	Address of Function code's parameter list (ex, "TXTF")
4	(4)	X'8'	0	RJGRMEND	"*" End of Module Parm list
4	(4)	X'8'	0	RJGRMSIZ	"(RJGRMEND-RJGRMOD)" Size of Module Parm list
		Return and Reason Codes. Return Code is in R15 and the Reason Code is in R0.			
4	(4)	X'0'	0	RJGRRTOK	"0" RJGR function performed ...successfully
4	(4)	X'4'	0	RJGRRTBD	"4" Failure During IATRJGR ...processing
		General Reason Codes (Function Independent) -- R0			
4	(4)	X'0'	0	RJGRRSOK	"0" Dummy Reason Code-- Everything ...is fine
4	(4)	X'4'	0	RJGRRSUN	"4" Unknown Function Requested ... (RJGRFUNC value not known)
4	(4)	X'8'	0	RJGRRSBP	"8" Bad Functional Parameters ...were detected (ex, a Zero ...RME Anchor address--TXTF)
4	(4)	X'10'	0	RJGRRSNS	"16" Unable to obtain storage from ...supplied cell pool (check ...cell pool)
		Function Specific Reason Codes (returned in R0)			
4	(4)	X'C'	0	TXTRSRME	"12" DLOG Formatted Record(s) were ...returned in RME(s)

Table 603. Structure TXTFPARM

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	TXTFPARM	"TXTF" Parm List
0	(0)	ADDRESS	4	TXTFMDB	Address of MDB(s)

Table 603. Structure TXTFPARM (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
4	(4)	ADDRESS	4	TXTFALET	ALET for MDB
8	(8)	SIGNED	4	TXTFCPID	RJP Cell Pool Id for RME ...storage
12	(C)	ADDRESS	4	TXTFRMEA	Address of Fullword to contain ...the RME chain pointer
16	(10)	BITSTRING	1	TXTFFLG1	Flag Byte
		1...		TXTFSWCN	"X'80'" Message is a result of a ...console switch
17	(11)	BITSTRING	3	TXTFRSD1	Reserved for Development
17	(11)	X'14'	0	TXTFEND	"*" End of "TXTF" Parm list
17	(11)	X'14'	0	TXTFSIZE	"(TXTFEND-TXTFPARM)" Size of "TXTF" Parm list

Table 604. Structure MDBRPARM

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	MDBRPARM	"MDBR" Parm List
0	(0)	ADDRESS	4	MDBRMDB	Address of MDB(s)
4	(4)	ADDRESS	4	MDBRALET	ALET for MDB
8	(8)	SIGNED	4	MDBRGTOK	Associated Group Token
8	(8)	X'C'	0	MDBREND	"*" End of "MDBR" Parm list
8	(8)	X'C'	0	MDBRSIZE	"(MDBREND-MDBRPARM)" Size of "MDBR" Parm list

Table 605. Cross Reference for IATYRGP

Name	Offset	Hex Tag
MDBRALET	4	
MDBREND	8	C
MDBRGTOK	8	
MDBRMDB	0	
MDBRPARM	0	
MDBRSIZE	8	C
RJGRFPRM	4	
RJGRFUNC	0	
RJGRMEND	4	8
RJGRMOD	0	
RJGRMSIZ	4	8
RJGRRSBP	4	8
RJGRRSNS	4	10
RJGRRSOK	4	0
RJGRRSUN	4	4
RJGRRTBD	4	4
RJGRRTOK	4	0
TXTFALET	4	
TXTFCPID	8	
TXTFEND	11	14
TXTFFLG1	10	
TXTFMDB	0	
TXTFPARM	0	

Table 605. Cross Reference for IATYRGP (continued)

Name	Offset	Hex Tag
TXTFRMEA	C	
TXTFRSD1	11	
TXTFSIZE	11	14
TXTFSWCN	10	80
TXTRSRME	4	C

IATYRIP information

IATYRIP heading information

Common name: Reply Information Prefix

Macro ID: IATYRIP

DSECT name: RIPSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Main Storage: Any
Key: User
Data Space: JESXCF CADS data space

Size: RIPSIZE

Created by: IATSSCM *12502TAC

Pointed to by: The reply prefix is located just before the response data in IXZYIXAC. It is determined by subtracting the prefix length from the starting data address in the JESXCF CADS buffer.

Serialization: NONE

Function: This macro maps the Reply Information Prefix, containing information about the caller of the staging area that is being replied to. *12502TAA
This data area has a JESXCF CASE mapping macro. *12502TAA
Changes made here should also be made in IXZYRIP. *12502TAA

IATYRIP mapping

Table 606. Structure RIPSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	RIPSTART	
0	(0)	SIGNED	4	RIPEXIT	Address of SSISERV caller's asynchronous exit
4	(4)	SIGNED	4	RIPBUFF	Address of SSISERV caller's response buffer
8	(8)	SIGNED	4	RIPBLEN	Length of CADS buffer, including the RIP prefix
12	(C)	SIGNED	4	RIPTCB(0)	Requester's TCB address, if task was scheduled to terminate
12	(C)	CHARACTER	16	RIPTTOKN	TTOKEN of requesting task
28	(1C)	BITSTRING	1	RIPFLAG1	Request flags
		1...		RIPTTERM	"X'80'" Requesting task is scheduled for termination
		.1..		RIPSRBMD	"X'40'" Requestor was in SRB mode and did not supply a TCB address
		..1.		RIPTINDP	"X'20'" Request is task-independent

Table 606. Structure RIPSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		...1		RIPF1R10	"X'10'" Reserved for IBM
		.... 1...		RIPF1R08	"X'08'" Reserved for IBM
		.... .1..		RIPF1R04	"X'04'" Reserved for IBM
		.... ..1.		RIPF1R02	"X'02'" Reserved for IBM
		1		RIPF1R01	"X'01'" Reserved for IBM
29	(1D)	BITSTRING	2	RIPRESV	Reserved
31	(1F)	BITSTRING	1	RIPVERS	Version number
31	(1F)	X'2'	0	RIP_V2	"2" Version 2 (AA46715)
31	(1F)	X'2'	0	RIP_CVER	"RIP_V2" Current RIP version
32	(20)	ADDRESS	4	RIPPURGE	Address of routine to be invoked if SRB is purged
36	(24)	ADDRESS	4	RIPSRSBA	Address of an optional 12502TAA SELSRSB used for REPLY 12502TAA with Exit requests 12502TAA
40	(28)	CHARACTER	3	RIPEYE	Eyecatcher "RIP"
43	(2B)	BITSTRING	1	RIPRESV2	Reserved for IBM
44	(2C)	SIGNED	4	RIPRESV3	Reserved for IBM
44	(2C)	X'30'	0	RIPEND_0	"*" End of Prefix version 0
44	(2C)	X'30'	0	RIPLEN_0	"(RIPEND_0-RIPSTART)" Length of Prefix version 0
Start of version 2 fields					
48	(30)	ADDRESS	4	RIPPTCB	Address of PURGE TCB for reply exit SRB
52	(34)	SIGNED	4	RIPRESV4(2)	Reserved for IBM
60	(3C)	SIGNED	2	RIPRESV5	Reserved for IBM
62	(3E)	SIGNED	2	RIPSIZE_2	Size of RIP if version 2
62	(3E)	X'40'	0	RIPEND	"*" End of Prefix
62	(3E)	X'40'	0	RIPLEN	"(RIPEND-RIPSTART)" Length of Prefix

Table 607. Cross Reference for IATYRIP

Name	Offset	Hex Tag
RIP_CVER	1F	2
RIP_V2	1F	2
RIPBLEN	8	0
RIPBUFF	4	0
RIPEND	3E	40
RIPEND_0	2C	30
RIPEXIT	0	0
RIPEYE	28	D9C9D7
RIPFLAG1	1C	0
RIPF1R01	1C	1
RIPF1R02	1C	2
RIPF1R04	1C	4
RIPF1R08	1C	8
RIPF1R10	1C	10
RIPLEN	3E	40

Table 607. Cross Reference for IATYRIP (continued)

Name	Offset	Hex Tag
RIPLEN_0	2C	30
RIPPTCB	30	
RIPPURGE	20	
RIPRESV	1D	0
RIPRESV2	2B	0
RIPRESV3	2C	0
RIPRESV4	34	0
RIPRESV5	3C	0
RIPSIZE_2	3E	0
RIPSRBMD	1C	40
RIPSRSBA	24	
RIPSTART	0	
RIPTCB	C	
RIPTINDP	1C	20
RIPTTERM	1C	80
RIPTTOKN	C	40404040
RIPVERS	1F	0

IATYRJDI information

IATYRJDI heading information

Common name: RJP Device Access Information Area

Macro ID: IATYRJDI

DSECT name: RJDISTRT

Owning component: JES3 (SC1BA)

Eye-catcher ID: RJDI
Offset: 0
Length: 4

Storage attributes: Main Storage: Any
Subpool: 0
Key: 1

Size: RJDISIZE bytes

Created by: IATOSGR/RJPDINFO routine

Pointed to by: Local pointers in callers

Serialization: NONE

Function: This macro contains the information needed to perform inquiry/modify functions for an RJP printer or punch.

IATYRJDI mapping

Table 608. Structure RJDISTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	RJDISTRT	
0	(0)	CHARACTER	4	RJDIID	Control block id

Table 608. Structure RJDISTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
4	(4)	ADDRESS	4	RJDISUP	Address of the current RJP SUPUNIT in storage. This address is set to the first SUPUNIT in a work station in response to a FIRST_SUPUNIT call, incremented to a subsequent SUPUNIT in response to a NEXT_SUPUNIT call, or set to the SUPUNIT for a requested device in response to a FIND_DEVICE call. The SUPUNIT pointed to by this address is only an in-storage copy of the real SUPUNIT on spool pointed to by RTTFDB. Any changes made to this SUPUNIT must be (eventually) followed up by a TYPE=WRITE_CURRENT or a TYPE=WRITE_ALL call or the changes will be lost when a TYPE=RELEASE is done.
8	(8)	ADDRESS	4	RJDIRTT	Address of the RTT for the work station that owns the device represented by the SUPUNIT whose address is in RJDISUP.
12	(C)	ADDRESS	4	RJDIRJS	Address of the RJS buffer that contains the SUPUNIT whose address is in RJDISUP. This address is used to locate the DMC for the DAT containing this RJS so that the DMC can be marked modified for a WRTCHAIN macro after a SUPUNIT is modified. It is also used when advancing along RJS buffers for a TYPE= NEXT_SUPUNIT request.
16	(10)	ADDRESS	4	RJDIRSD1	Reserved for development
20	(14)	ADDRESS	4	RJDIRSD2	Reserved for development
24	(18)	ADDRESS	4	RJDIRSD3	Reserved for development
28	(1C)	ADDRESS	4	RJDIRSD4	Reserved for development
32	(20)	CHARACTER	3	RJDIDEV	Last device that was returned by the IATXRJDI service, if the SUPUNIT was found in storage without having to read the RJS chain. This is needed in case the SUPUNIT storage is released before a subsequent TYPE= NEXT_SUPUNIT request.
35	(23)	BITSTRING	1	RJDIRSV1	Reserved for service
36	(24)	ADDRESS	4	RJDIRSV2	Reserved for service
40	(28)	ADDRESS	4	RJDIRSV3	Reserved for service
44	(2C)	ADDRESS	4	RJDIRSV4	Reserved for service
RJPDINFO routine call types					
44	(2C)	X'0'	0	RJDIFRSP	"0" Get the first SUPUNIT
44	(2C)	X'1'	0	RJDINXSP	"1" Get the next SUPUNIT
44	(2C)	X'2'	0	RJDIFIND	"2" Find a device by name
44	(2C)	X'3'	0	RJDIWRIC	"3" Write modified RJS buffers
44	(2C)	X'4'	0	RJDIWRAL	"4" Write all RJS buffers
44	(2C)	X'5'	0	RJDIRELS	"5" Release buffers and free storage
48	(30)	DBL WORD	8	RJDIEND(0)	End of control block
48	(30)	X'30'	0	RJDISIZE	"RJDIEND-RJDISTRT" Size of control block

Table 609. Cross Reference for IATYRJDI

Name	Offset	Hex Tag
RJDIDEV	20	
RJDIEND	30	
RJDIFIND	2C	2
RJDIFRSP	2C	0
RJDIID	0	D9D1C4C9
RJDINXSP	2C	1
RJDIRELS	2C	5
RJDIRJS	C	
RJDIRSD1	10	
RJDIRSD2	14	
RJDIRSD3	18	
RJDIRSD4	1C	
RJDIRSV1	23	0
RJDIRSV2	24	
RJDIRSV3	28	
RJDIRSV4	2C	
RJDIRTT	8	
RJDISIZE	30	30
RJDISTRT	0	
RJDISUP	4	
RJDIWRAL	2C	4
RJDIWRIC	2C	3

IATYRME information

IATYRME heading information

Common name: RJP Queue Element

Macro ID: IATYRME

DSECT name: RMESTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: NONE

Storage attributes: Main Storage: Any

Size: 200 bytes

Created by: IATRJPC

Pointed to by: RTTSTCHN in IATYRLT

Serialization: NONE

Function: Maps elements chained off of the RTT representing messages to be issued to the respective workstation.
"DO NOT CHANGE ANY OFFSETS IN THIS MACRO -- Referenced by non-source modules"

IATYRME mapping

Table 610. Structure RMESTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	RMESTART	

Table 610. Structure RMESTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	ADDRESS	4	RMECHN	Chain to next element
4	(4)	BITSTRING	1	RMEFLAG1	Element control flag
		1...		RMEGETM	"X'80'" Storage was AGETMAINed
		.1..		RMERSV1	"X'40'" Reserved
		..1.		RMERSV2	"X'20'" Reserved
		...1		RMERSV3	"X'10'" Reserved
		.... 1...		RMERSV4	"X'08'" Reserved
		.... .1..		RMERSV5	"X'04'" Reserved
		.... ..1.		RMERSV6	"X'02'" Reserved
		1		RMERSV7	"X'01'" Reserved
5	(5)	BITSTRING	2	RMERSVD1	Reserved for service
7	(7)	CHARACTER	1	RMECHRCT	- Character count of message
8	(8)	BITSTRING	160	RMEMSG	Message text
168	(A8)	SIGNED	4	RMEEND(0)	End of Element
168	(A8)	X'A8'	0	RMESIZE	"RMEEND-RMESTART" Element size

Table 611. Cross Reference for IATYRME

Name	Offset	Hex Tag
RMECHN	0	
RMECHRCT	7	
RMEEND	A8	
RMEFLAG1	4	
RMEGETM	4	80
RMEMSG	8	
RMERSVD1	5	
RMERSV1	4	40
RMERSV2	4	20
RMERSV3	4	10
RMERSV4	4	8
RMERSV5	4	4
RMERSV6	4	2
RMERSV7	4	1
RMESIZE	A8	A8
RMESTART	0	

IATYRQJS information

IATYRQJS heading information

Common name: RQJSTAT Bypass Reason Code Definitions

Macro ID: IATYRQJS

DSECT name: None

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Auxiliary Storage: N/A
Subpool: N/A
Key: N/A
Residency: N/A

Size: N/A

Created by: N/A

Pointed to by: N/A

Serialization: None

Function: This macro defines the RQJSTAT bypass reason codes that are set in a job's RQ by MDS and GMS when they determine that a job cannot be scheduled for some reason.
The bypass reason codes are also put into the JQEX when a job is delayed while being scheduled for main service.
If a new bypass reason is added, modules which invoke the IATYRQJS macro must be recompiled.

IATYRQJS mapping

Table 612. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		
RQJSTAT Bypass Reason Code Definitions $TA= z2.1.0 HJS7790 120521 RD0AS: z 2.1.0 17648TAA					
,VALUE NOT DEFINED					
		....		RQJXZERO	"X'00'"
,INSUFFICIENT STORAGE					
		1		RQJXSTOR	"X'01'"
,TLIMIT EXCEEDED					
		.... ..1.		RQJXTLIM	"X'02'"
,I/O RATE INAPPROPRIATE					
		11		RQJXIORT	"X'03'"
,INELIGIBLE TO RUN ON THIS SYSTEM					
		.... .1..		RQJXMAIN	"X'04'" 9#0058
,MDEPTH EXCEEDED					
		.... .11.		RQJXMDEP	"X'06'"
,JOB CLASS DISABLED					
		.... .111		RQJXCLAS	"X'07'"
,LSTOR UPDATE PENDING					
		.... 1...		RQJXLSPN	"X'08'"
,MLIMIT EXCEEDED					
		.... 1..1		RQJXMLMT	"X'09'"

Table 612. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
,MIX1 INAPPROPRIATE					
		.... 1.1.		RQJXPMIX	"X'0A'" 27#0058
,JOB IN HOLD OR ACTIVE					
		.... 111.		RQJXHOLD	"X'0E'"
,SYSTEM NOT AT MIN MVS EXECUTION LEVEL					
		 1111		RQJXMNLV	"X'0F'"
,JOB IN DJC HOLD					
		...1		RQJXDJCH	"X'10'"
,GROUP DISABLED					
		...1 ..1.		RQJXMGMN	"X'12'"
,MAIN OFFLINE/NOT CONNECTED					
		...1 ..11		RQJXMNOF	"X'13'"
,TDEPTH EXCEEDED					
		...1 .1..		RQJXTDPT	"X'14'"
,CANCEL/RESTART SETUP ISSUED					
		...1 .1.1		RQJXRCNS	"X'15'"
,WAITING FOR SPOOL SPACE					
		...1 .11.		RQJXWSPL	"X'16'"
,WAITING FOR REQUIRED LEVEL OF MVS					
		...1 .111		RQJXW522	"X'17'"
,SCHEDULING ENVIRONMENT NOT DEFINED					
		...1 1...		RQJXSEUD	"X'18'"
,SCHEDULING ENVIRONMENT NOT AVAILABLE					
		...1 1..1		RQJXSEUN	"X'19'"
,WLM RECLASSIFICATION IS IN PROGRESS					
		..1.		RQJXWLRC	"X'20'" 9#17648TAD
,SRVCLASS MODIFY IN PROGRESS					
		..1. ..1.		RQJXSRVM	"X'22'"
,MAX JES MANAGED JOBS ON SINGLE MAIN					
		..1. ..11		RQJXMAXJ	"X'23'"

Table 612. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
,MAX WLM MANAGED JOBS ON SINGLE MAIN					
		..1. .1..		RQJXMAXW	"X'24'" 9#17648TAD
,NO INITIATORS STARTED IN SRVCLASS					
		.1.1		RQJNSIST	"X'50'"
,ALL INITIATORS IN SRVCLASS IN USE					
		.1.1 ...1		RQJASIUS	"X'51'"
,NO GROUP INITIATORS STARTED					
		.1.1 ..1.		RQJNGIST	"X'52'"
,ALL GROUP INITIATORS IN USE					
		.1.1 ..11		RQJAGIUS	"X'53'"
,PRIORITY HELD					
		.1.1 .1..		RQJSPTYH	"X'54'"
,JOB IS IN OPERATOR HOLD					
		.1.1 .1.1		RQJSOPRH	"X'55'"
,JOB IS IN DJC HOLD					
		.1.1 .11.		RQJSDJCH	"X'56'"
,JOB IS IN ARM HOLD					
		.1.1 .111		RQJSARMH	"X'57'"
,JOB IS IN SPOOL HOLD					
		.1.1 1...		RQJSSPLH	"X'58'"
,NO AVAILABLE DSPS					
		.1.1 1..1		RQJSNDSP	"X'59'"
,MAIN/CLASS/GROUP NOT AVAILABLE					
		.1.1 1.1.		RQJSMCGU	"X'5A'"
,DUPLICATE JOB NAME IN EXECUTION					
		.1.1 1.11		RQJSDUPJ	"X'5B'"
,RESOURCE UPDATE ONLY					
		1...		RQJMDRSU	"X'80'"
,JOB HOLD STATUS					
		1... ...1		RQJMDHLD	"X'81'"

Table 612. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
,MAX REGION SIZE EXCEEDED					
		1... ..1.		RQJMDRGN	"X'82'"
,RESTART JOB PASS ONLY					
		1... ..11		RQJMDRST	"X'83'"
,MAIN OFFLINE/NOT CONNECTED					
		1... .1..		RQJMDOFF	"X'84'"
,RESTART MAIN NOT CONNECTED					
		1... .1.1		RQJMDROI	"X'85'"
,GROUP/CLASS DISABLED					
		1... .11.		RQJMDGMS	"X'86'"
,REQUIRED RESOURCES NOT AVAILABLE					
		1... .111		RQJMDRSC	"X'87'"
,DEVICE POOL FENCE PENDING					
		1... 1...		RQJMDFNC	"X'88'"
,MAIN SETUP DEPTH EXCEEDED					
		1... 1..1		RQJMDMDP	"X'89'"
,CLASS SETUP DEPTH EXCEEDED					
		1... 1.1.		RQJMDCDP	"X'8A'"
,FAILED PREALLOCATION SCAN					
		1... 1.11		RQJMDSCN	"X'8B'"
,SYSTEM MANAGED RESOURCES NOT AVAILABLE					
		1... 11..		RQJMDSMS	"X'8C'"
,SCHEDULING ENVIRONMENT NOT DEFINED					
		1... 11.1		RQJMSEUD	"X'8D'"
,SCHEDULING ENVIRONMENT NOT AVAILABLE					
		1... 111.		RQJMSEUN	"X'8E'"
,GROUP NOT SUPPORTED IN WLM MODE					
		1... 1111		RQJMGPWL	"X'8F'"
,JESLOG VALUE NOT SUPPORTED ON MAIN					
		1..1		RQJMJLNS	"X'90'"

Table 612. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
,JOB SELECTED FOR EXECUTION					
	1111	1111		RQJXONMN	"X'FF'"

Table 613. Cross Reference for IATYRQJS

Name	Offset	Hex Tag
RQJAGIUS	0	53
RQJASIUS	0	51
RQJMDCDP	0	8A
RQJMDFNC	0	88
RQJMDGMS	0	86
RQJMDHLD	0	81
RQJMDMDP	0	89
RQJMDOFF	0	84
RQJMDRGN	0	82
RQJMDROI	0	85
RQJMDRSC	0	87
RQJMDRST	0	83
RQJMDRSU	0	80
RQJMDSCN	0	8B
RQJMDSMS	0	8C
RQJMGPWL	0	8F
RQJMJLNS	0	90
RQJMSEUD	0	8D
RQJMSEUN	0	8E
RQJNGIST	0	52
RQJNSIST	0	50
RQJSARMH	0	57
RQJSDJCH	0	56
RQJSDUPJ	0	5B
RQJSMCGU	0	5A
RQJSNDSP	0	59
RQJSOPRH	0	55
RQJSPTYH	0	54
RQJSSPLH	0	58
RQJXCLAS	0	7
RQJXDJCH	0	10
RQJXHOLD	0	E
RQJXIORT	0	3
RQJXLSPN	0	8
RQJXMAIN	0	4
RQJXMAXJ	0	23
RQJXMAXW	0	24
RQJXMDEP	0	6
RQJXMGMN	0	12

Table 613. Cross Reference for IATYRQJS (continued)

Name	Offset	Hex Tag
RQJXMLMT	0	9
RQJXMNLV	0	F
RQJXMNOF	0	13
RQJXONMN	0	FF
RQJXPMIX	0	A
RQJXRCNS	0	15
RQJXSEUD	0	18
RQJXSEUN	0	19
RQJXSRVM	0	22
RQJXSTOR	0	1
RQJXTDPT	0	14
RQJXTLIM	0	2
RQJXWLRC	0	20
RQJXWSPL	0	16
RQJXW522	0	17
RQJXZERO	0	0

IATYRSC information

IATYRSC programming interface information

IATYRSC is a programming interface.

IATYRSC heading information

Common name: JES3 Resource Table

Macro ID: IATYRSC

DSECT name: N/A

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Main Storage: N/A
Auxiliary Storage: N/A

Size: N/A

Created by: N/A

Pointed to by: N/A

Serialization: None

Function: Specifies the names of critical JES3 resources for use with the ADEQ, AENQ, and ATEST macros.

IATYRSC mapping

Table 614. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		
		RESOURCE COUNT AND NAMES			
0	(0)	SIGNED	4		
4	(4)	CHARACTER	8		

Table 614. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
12	(C)	CHARACTER	8		
20	(14)	CHARACTER	8		
28	(1C)	CHARACTER	8		
36	(24)	CHARACTER	8		
44	(2C)	CHARACTER	8		
52	(34)	CHARACTER	8		
60	(3C)	CHARACTER	8		
68	(44)	CHARACTER	8		
76	(4C)	CHARACTER	8		
84	(54)	CHARACTER	8		
92	(5C)	CHARACTER	8		
100	(64)	CHARACTER	8		
108	(6C)	CHARACTER	8		
116	(74)	CHARACTER	8		
124	(7C)	CHARACTER	8		
132	(84)	CHARACTER	8		
140	(8C)	CHARACTER	8		
148	(94)	CHARACTER	8		
156	(9C)	CHARACTER	8		
164	(A4)	CHARACTER	8		
172	(AC)	CHARACTER	8		
180	(B4)	CHARACTER	8		
188	(BC)	CHARACTER	8		
196	(C4)	CHARACTER	8		
204	(CC)	CHARACTER	8		
212	(D4)	CHARACTER	8		
220	(DC)	CHARACTER	8		
228	(E4)	CHARACTER	8		
236	(EC)	CHARACTER	8		
244	(F4)	CHARACTER	8		

IATYRSQ information

IATYRSQ programming interface information

The following fields are **NOT** programming interface information:

- *0080
- RQARLADD
- RQOSSTOP
- RQRCEAD
- RQSAPSEE
- RQSMSRL

IATYRSQ heading information

Common name:	Resident Job Queue Table
Macro ID:	IATYRSQ
DSECT name:	RQSTART
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	RSQ Offset: 0 Length: 4
Storage attributes:	Main Storage: RQCRQSPL (Subpool 6)
Size:	RQFSIZE (fixed entry), RQOSRQSZ (OUTSERV RQ size) RQMNRQSZ (MAIN RQ size) RQCIRQSZ (CI RQ size) RQCMRQSZ (Common RQ size) RQMAXSIZ (Maximum RQ size)
Created by:	IATINIT as IATINDT
Pointed to by:	CFTJOBCH (IATYCFT) FCTRQAD (IATYFCT) IDAPSCBT (IATYIDA) IDAPSCDS (IATYIDA) JQERESQ (IATYJQE) JVWRESQ (IATYJVW) MCTRQ (IATYMCT) MDALLOCQ (IATYMDS) MDBRKDNQ (IATYMDS) MDYNALOQ (IATYMDS) MDERRORQ (IATYMDS) MDFETCHQ (IATYMDS) MDRSTRTQ (IATYMDS) MDVERFYQ (IATYMDS) MDVOLUAQ (IATYMDS) MDVOLWTQ (IATYMDS) MPQPTR (IATYMGP) MPRQONMN (IATYMPC) RCERQAD (IATYRCE) RQCEFBAD (IATYRQC) RQCEFIOW (IATYRQC) RQCNOSUB (IATYRQC) RQDYACHN (IATYRSQ) RQGRPCHN (IATYRSQ) RQGRPPRV (IATYRSQ) RQNEXT (IATYRSQ) RQPREV (IATYRSQ) RQSPNCH (IATYRSQ) RQSPNPRV (IATYRSQ) RQWTRCHN (IATYRSQ) RQWTRPRV (IATYRSQ) SRSSELQ (IATYSRS) SRSVFYQ (IATYSRS) EFTOP (IATYTVT) OSSRQTOP (IATYTVT) OSSWAIT (IATYTVT) RQBTM (IATYTVT) RQDTOP (IATYTVT) RQTOP (IATYTVT) RQWTRTOP (IATYTVT) SPORQTOP (IATYTVT)
Serialization:	N/A

Function: Used to control processing of jobs by a particular DSP. It consists of a fixed section (common to all functions), plus a function dependent variable section. There are five variable sections:
(1) OUTSERV variable section - contains data used by output service
(2) MDS variable section - contains data used by MDS for SETUP processing. The MDS variable section starts after the OUTSERV variable section.
(3) GMS variable section - contains data used by GMS after MDS SETUP is complete. The GMS variable section starts after the MDS variable section.
(4) CI variable section - contains data used by the CI and postscan DSPs. The CI variable section starts after the GMS variable section.
(5) Common variable section - contains data used by all other functions. The common variable section starts after the CI variable section.
The different variable sections are combined to create a RESQUEUE for a specific function, there are four types of resqueues:
(1) OUTSERV RESQUEUE - consists of a fixed section followed by an OUTSERV variable section.
(2) MAIN RESQUEUE - consists of a fixed section followed by the OUTSERV, MDS, and GMS variable sections. the OUTSERV variable section is the first part, and is used by output service for spinoff processing while the job is executing on MAIN (e.g. free=close specified on SYSOUT statement).
(3) CI RESQUEUE - consists of a fixed section followed by the OUTSERV, MDS, and CI variable sections. The OUTSERV section is used only to keep the offsets in the MDS section the same. The MDS section is used by MDS for catalog setup processing (i.e. jobcat or stepcat was specified).
(4) Common RQ for all other functions - consists of a fixed section followed by the OUTSERV and common variable sections. the OUTSERV variable section used by output service for spinoff processing while the DSP is active (e.g. CBPRINT).

IATYRSQ mapping

Table 615. Structure RQSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	RQSTART	
0	(0)	CHARACTER	4	RQNAME	CONTROL BLOCK ID

```
                RESQUEUE CHAIN FIELDS
                       WARNING
THE OFFSETS AND VALUES FOR THE FIELDS BETWEEN RQSTART
AND RQFREND MUST NOT BE CHANGED, AS THIS WILL HAVE AN
ADVERSE EFFECT ON SOME JES3 MODULES.
```

4	(4)	SIGNED	4	RQNEXT	ADDR OF NEXT RESQUEUE ENTRY
8	(8)	SIGNED	4	RQGRPCHN	CI/MDS/MAIN/OUTSERV/JSS SUBCHAIN
12	(C)	SIGNED	4	RQFCTAD	FCT ADDRESS

```
RQMAINS' BITS MAP THE 32 PROCESSORS IN THE
            FOLLOWING ORDER:
 BYTE 1 BYTE 2 BYTE 3 BYTE 4
SY8-->SY1 SY16-->SY9 SY24-->SY17 SY32-->SY25
```

Table 615. Structure RQSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
16	(10)	SIGNED	4	RQMAINS	MAIN PROCESOR SELECTION MASK
		JOB IDENTIFIER FIELDS			
20	(14)	CHARACTER	8	RQJOBNAM	JOB NAME
28	(1C)	CHARACTER	8	RQOUSID	OWNING USER ID D020
36	(24)	CHARACTER	8	RQTUSID	SUBMITTING USERID 0618
44	(2C)	CHARACTER	8	RQMNETID	DJC NETID
52	(34)	CHARACTER	8	RQJNUM	JOB ID, IN EBCDIC
60	(3C)	SIGNED	4	RQJOBNO	Job number in binary
64	(40)	CHARACTER	80	RQTOKEN	TOKEN
144	(90)	CHARACTER	8	RQNODE	NODE
152	(98)	CHARACTER	8	RQPOE	PORT OF ENTRY
160	(A0)	CHARACTER	8	RQSECBL	SECLABL
168	(A8)	CHARACTER	2	RQSETVER	SETUNITS INDEX OF FIRST SETUNITS ENTRY REQUIRING A VOLUME MOUNT
172	(AC)	SIGNED	4	RQDSCNT	DATA SET COUNT 0326
176	(B0)	SIGNED	4	RQSCTOD	TIME OF DAY JOB ADDED TO RQ SUBCHAIN IDENTIFIED BY RQINDEX
180	(B4)	SIGNED	4	RQACCCNT	RQ access count for IATXARQ
184	(B8)	CHARACTER	2	RQRSRVD2	RESERVED FOR DEVELOPMENT
		CONTROL BLOCK FDBS (FROM THE JCT)			
188	(BC)	SIGNED	4	RQFDALIN(0)	ALIGNMENT ON A FULLWORD
188	(BC)	BITSTRING	12	RQJDBFDB	JDAB FDB
200	(C8)	BITSTRING	12	RQJSTFDB	JST FDB
212	(D4)	BITSTRING	12	RQJDSFDB	JDS FDB
224	(E0)	BITSTRING	12	RQJMRFDB	JMR FDB
236	(EC)	BITSTRING	28	RQJOBTAT	JOBTAT FDB
264	(108)	BITSTRING	12	RQOSEFDB	OSE FDB
276	(114)	BITSTRING	1	RQASRFDB	ASR FDB
		JDS ACCESS CONTROL FIELDS			
288	(120)	SIGNED	4	RQJDSPTR	CURRENT JDS RECORD ADDRESS
		A 'FF' IN THE HI-ORDER BYTE OF RQJDSFCT INDICATES THAT THE JDS IS NOT IN USE, IN WHICH CASE THE REST OF THE FIELD IS IGNORED.			
292	(124)	SIGNED	4	RQJDSFCT	FCT CONTROLING THE JDS
296	(128)	SIGNED	2	RQJDSHEN	HIGHEST SEQUENCE NUMBER OF HELD JDS ENTRY
298	(12A)	SIGNED	2	RQJDSCT	NUMBER OF JDS BUFFERS IN USE
300	(12C)	SIGNED	4	RQRCEAD	ADDR OF THE RQ SRF EXTENSION
304	(130)	SIGNED	4	RQJDSEDO	NUMBER OF SYSOUT JDS 0259 ENTRIES USING DYNAMICALLY 0259 CREATED OUTPUT DESCRIPTORS 0259
308	(134)	ADDRESS	4	RQJQEADD	JQE address
312	(138)	SIGNED	2	RQFREND(0)	END OF RQ FROZEN SECTION

Table 615. Structure RQSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		WARNING THE OFFSETS AND VALUES FOR THE FIELDS BETWEEN RQSTART AND RQFREND MUST NOT BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON SOME JES3 MODULES.			
312	(138)	SIGNED	2	RQJDSREC	CURRENT JDS RECORD SEQUENCE
314	(13A)	SIGNED	2	RQJDSOFF	OFFSET TO CURRENT JDS ENTRY
316	(13C)	BITSTRING	1	RQJDSBOP	JDS buffer options
		Definitions of RQJDSBOP			
		1...		RQJDJETC	"X'80'" Create JETs for current buffer - used in JDSGET
		.1..		RQJDJETP	"X'40'" The JET is already present
		..1.		RQJDRS20	"X'20'" Reserved for IBM
		...1		RQJDRS10	"X'10'" Reserved for IBM
		.... 1...		RQJDRS08	"X'08'" Reserved for IBM
		.... .1..		RQJDRS04	"X'04'" Reserved for IBM
		.... ..1.		RQJDRS02	"X'02'" Reserved for IBM
		1		RQJDRS01	"X'01'" Reserved for IBM
317	(13D)	BITSTRING	1	RQRSRVD4	Reserved for development
318	(13E)	SIGNED	2	RQSPNDX	SPOOL PARTITION INDEX
320	(140)	BITSTRING	1	RQGRPRTY(2)	JOB CLASS GROUP PRIORITY
320	(140)	X'141'	0	RQPRTY	"RQGRPRTY+1,1" JOB PRIORITY
322	(142)	BITSTRING	1	RQSTRKG1	PRIMARY TRKGRP ALLOCATION
323	(143)	BITSTRING	1	RQSTRKG2	SECONDARY TRKGRP ALLOCATION
324	(144)	BITSTRING	1	RQGRPSEQ	GROUP SEQUENCE NUMBER
325	(145)	BITSTRING	1	RQSESEQ	SCHEDULER ELEMENT SEQUENCE NUMBER FOR THIS FUNCTION
326	(146)	BITSTRING	1	RQRSVD2	Reserved for development
327	(147)	BITSTRING	1	RQJCTPTY	JOB'S JCT PRIORITY
328	(148)	BITSTRING	1	RQNSTEP	NO. OF STEPS IN THIS JOB
329	(149)	BITSTRING	1	RQJCLASS	JOB CLASS
330	(14A)	BITSTRING	1	RQSYSTEM	MPC sequence number of main on which INTRDR data set was allocated
331	(14B)	BITSTRING	1	RQTYPE	RESQUEUE TYPE
		DEFINITION OF RQTYPE			
331	(14B)	X'1'	0	RQCITYPE	"1" CI RESQUEUE
331	(14B)	X'2'	0	RQMNTYPE	"2" MAIN RESQUEUE
331	(14B)	X'3'	0	RQOSTYPE	"3" OUTSERV RESQUEUE
331	(14B)	X'4'	0	RQCMTYPE	"4" COMMON RESQUEUE FOR ALL OTHER FUNCTIONS
332	(14C)	BITSTRING	1	RQINDEX	CI/MDS/MAIN/OUTSERV/JSS FUNCTION INDEX
		DEFINITION OF RQINDEX NOTE: IF RQINDEX IS CHANGED THEN THE FOLLOWING MODULES/ROUTINES MUST ALSO BE CHANGED: (1) IATGRRQ - RESQUEUE MANAGEMENT (2) IATGRWJ - MAIN SCHEDULER ELEMENT STATUS (3) IATMDSB - MDSTRACE ROUTINE (4) IATUTDS - DISPLAY DSP			

Table 615. Structure RQSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
332	(14C)	X'4'	0	RQNOSUB	"4" x04 No subchain exists. Used primarily for: - JES3 DSPs - JES3 job 0 - Job removed from subchn by DJ - Job removed from OUTSERV - Job scheduled to PURGE or non-standard sched- uler element
332	(14C)	X'8'	0	RQFSSCI	"RQNOSUB+4" x08 ACTIVE IN CI IN AN FSS ADDRESS SPACE
332	(14C)	X'C'	0	RQPSCBAT	"RQFSSCI+4" x0C AWAITING POSTSCAN (BATCH)
332	(14C)	X'10'	0	RQPSCDSL	"RQPSCBAT+4" x10 AWAITING POSTSCAN (DEMSEL)
332	(14C)	X'14'	0	RQFETCH	"RQPSCDSL+4" x14 AWAITING VOLUME FETCH
332	(14C)	X'18'	0	RQVOLWT	"RQFETCH+4" x18 AWAITING START SETUP
332	(14C)	X'1C'	0	RQSYSSEL	"RQVOLWT+4" x1C AWAITING/ACTIVE IN MDS SYSTEM SELECT PROCESSING
332	(14C)	X'20'	0	RQALLOC	"RQSYSSEL+4" x20 AWAITING RESOURCE ALLOCATION
332	(14C)	X'24'	0	RQVOLUAV	"RQALLOC+4" x24 AWAITING UNAVAILABLE VOL(S)
332	(14C)	X'28'	0	RQVERIFY	"RQVOLUAV+4" x28 AWAITING VOLUME MOUNTS
332	(14C)	X'2C'	0	RQSYSVER	"RQVERIFY+4" x2C AWAITING/ACTIVE IN MDS SYSTEM VERIFY PROCESSING
332	(14C)	X'30'	0	RQERROR	"RQSYSVER+4" x30 ERROR DURING MDS PROCESSING
332	(14C)	X'34'	0	RQSELECT	"RQERROR+4" x34 AWAITING SELECTION ON MAIN
332	(14C)	X'38'	0	RQONMAIN	"RQSELECT+4" x38 SCHEDULED ON MAIN
332	(14C)	X'3C'	0	RQWTR	"RQONMAIN+4" x3C AWAITING WTR OUTPUT (ASP)
332	(14C)	X'40'	0	RQTERM	"RQWTR+4" x40 AWAITING MAIN TERMINATION (ASP)
332	(14C)	X'44'	0	RQBRKDWN	"RQTERM+4" x44 AWAITING BREAKDOWN
332	(14C)	X'48'	0	RQRESTRT	"RQBRKDWN+4" x48 AWAITING MDS RESTART PROC.
332	(14C)	X'4C'	0	RQDONE	"RQRESTRT+4" x4C MAIN AND MDS PROC. COMPLETE
332	(14C)	X'50'	0	RQOUTPT	"RQDONE+4" x50 AWAITING OUTPUT SERVICE
332	(14C)	X'54'	0	RQOUTQUE	"RQOUTPT+4" x54 AWAITING OUTPUT SERVICE WTR
332	(14C)	X'58'	0	RQOSWAIT	"RQOUTQUE+4" x58 AWAITING RSVD SERVICES
332	(14C)	X'5C'	0	RQCMPLT	"RQOSWAIT+4" x5C OUTPUT SERVICE COMPLETE
332	(14C)	X'60'	0	RQDEMSEL	"RQCMPLT+4" x60 AWAITING SELECTION ON MAIN (DEMAND SELECT JOB)
332	(14C)	X'64'	0	RQEFWAIT	"RQDEMSEL+4" x64 ENDING FUNCTION RQ WAITING FOR I/O COMPLETION
332	(14C)	X'68'	0	RQEFBAD	"RQEFWAIT+4" x68 ENDING FUNCTION RQ NOT PROCESSED
332	(14C)	X'6C'	0	RQMAXNDX	"RQEFBAD+4" x6C MAXIMUM RQ INDEX VALUE
333	(14D)	BITSTRING	1	RQIORATE	JOB I/O RATE

Table 615. Structure RQSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF RQIORATE			
		1		RQLOWIO	"X'01'" LOW I/O RATE
		.... ..1.		RQHIGHIO	"X'02'" HIGH I/O RATE
		.... .1..		RQMEDIO	"X'04'" MEDIUM I/O RATE
334	(14E)	BITSTRING	1	RQDJCFLG	DJC FLAG BYTE
		DEFINITION OF RQDJCFLG			
		1...		RQDJCJOB	"X'80'" THIS IS A DJC JOB
		.1..		RQDJCABN	"X'40'" JOB ABNORMALLY COMPLETED
		..1.		RQDJCHLD	"X'20'" JOB IS IN DJC NET HOLD
		...1		RQDJCOPH	"X'10'" JOB IS IN DJC OPERATOR HOLD
		.... 1...		RQDJCNS	"X'08'" NON-STANDARD DJC JOB
		.... .1..		RQDJCSC	"X'04'" DJC JOB CANCELED VIA SETUP
		.... ..1.		RQDJCSUP	"X'02'" DJC UPDAT AT STEP TRANSITION
		1		RQDJCREL	"X'01'" RLSE PROCESS FOR DJC RQ EF
335	(14F)	BITSTRING	1	RQFLG1	RESQUEUE FLAG 1
		DEFINITION OF RQFLG1			
		1...		RQHOLD	"X'80'" JOB IN HOLD
		.1..		RQACTIVE	"X'40'" THIS JOB HAS ACTIVE FUNCTION
		..1.		RQXBKHLD	"X'20'" CALLABLE BREAKDOWN HOLD
		...1		RQMPIPL	"X'10'" JOB ACTIVE WHEN MAIN IPLED
		.... 1...		RQNOCAN	"X'08'" NON-CANCELLABLE TO MVS
		.... .1..		RQPSTPSO	"X'04'" POST FLAG FOR PURGE
		.... ..1.		RQUSRJB	"X'02'" USERID IS THE UNDEFINED USER
		1		RQJBHLD	"X'01'" RQHOLD SET BY OP OR SPOOL
336	(150)	BITSTRING	1	RQFLG2	RESQUEUE FLAG 2
		DEFINITION OF RQFLG2			
		1...		RQDJACT	"X'80'" DUMP JOB ACTIVE THIS ENTRY
		.1..		RQARMRST	"X'40'" Job being restarted by ARM
		..1.		RQSETUP	"X'20'" THIS JOB REQUIRES SETUP
		...1		RQMDINCR	"X'10'" JOB PRIORITY HAS BEEN INCR
		.... 1...		RQDYALOC	"X'08'" DYNAMIC ALLOC IN PROGRESS
		.... .1..		RQNEW	"X'04'" JOB JUST CHANGED TO MOUNT
		.... ..1.		RQOLD	"X'02'" JOB HAS ALREADY BEEN TRIED
		1		RQLOCATE	"X'01'" JOB HAVING LOCATES PERFORMED
337	(151)	BITSTRING	1	RQFLG3	RESQUEUE FLAG 3
		DEFINITION OF RQFLG3			
		1...		RQINTWT	"X'80'" INTRDR wait flag
		.1..		RQMSVD	"X'40'" MAIN RESTART REQUIRED
		..1.		RQARMSET	"X'20'" Don't allow MDBK to alter RQMAINS...ARM has set it
		...1		RQSAPI	"X'10'" Job is a SAPI application

Table 615. Structure RQSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		RQSCRREF	"X'08'" SCRATCH REFERENCE IN JST
		.... .1..		RQMDSRST	"X'04'" JOB REQUIRES MDS RESTART
		.... ..1.		RQCGUAVL	"X'02'" JOB CLASS/GROUP UNAVAILABLE
		1		RQMDINCL	"X'01'" JOB INCLUDED IN MDS JOB CNTS
338	(152)	BITSTRING	1	RQFLG4	RESQUEUE FLAG 4
		DEFINITION OF RQFLG4			
		1...		RQSUDAO	"X'80'" JOB REQUIRES SETUP OF DASD AND/OR SMS MANAGED DEVICES ONLY.
		.1..		RQIPLACT	"X'40'" ACTIVE ON MAIN AT IPL -
		JES/DEM SEL JSQ WILL BE RESENT AFTER CONNECT - THE RQ MUST BE PUT BACK ON THE DEMAND SELECT Q			
		..1.		RQDSESUF	"X'20'" JOB NEEDS DATA SET STACKING EXIT OR SPECIAL U=AFF CODE
		...1		RQVSREQ	"X'10'" JOB IS V=R
		.... 1...		RQPRONLY	"X'08'" JOB USES ONLY PERMANANTLY RESIDENT VOLUMES
		.... .1..		RQRSCNS	"X'04'" CANCEL OR RSTRT SETUP ISSUED
		.... ..1.		RQOSESUP	"X'02'" OSE SETUP IN PROGRESS. THIS 0053 FLAG SHOULD ONLY BE CHANGED BY IATXOSUP 0053
		1		RQOSACT	"X'01'" OUTSERV ACTIVE FOR THIS RQ
339	(153)	BITSTRING	1	RQFLG5	RESQUEUE FLAG 5
		DEFINITION OF RQFLG5			
		1...		RQDSEL	"X'80'" DEMAND SELECT JOB
		.1..		RQJRNL	"X'40'" JOB REQUIRES JOURNAL
		..1.		RQRJPJB	"X'20'" JOB ENTERED VIA RJP
		...1		RQFCTEF	"X'10'" RQ FOR ENDING FCT
		.... 1...		RQPURGP	"X'08'" Purge partial output
		.... .1..		RQCIRGN	"X'04'" CI HAS DETERMINED JOB REGIONS
		.... ..1.		RQDSPLY	"X'02'" DISPLAY DSP IS ACTIVE ON THIS RQ ENTRY
		1		RQMVSTSO	"X'01'" MVS TSO JOB (IF RQFLG5 = RQDSEL, JOB IS A TSO LOGON)
340	(154)	BITSTRING	1	RQFLG6	RESQUEUE FLAG 6
		DEFINITION OF RQFLG6			
		1...		RQCANCL	"X'80'" JOB HAS BEEN CANCELED
		.1..		RQCANCP	"X'40'" JOB HAS BEEN CANCELED PRINT
		..1.		RQSAMNAM	"X'20'" JOB OF SAME NAME WAITS FOR MAIN
		...1		RQPURGE	"X'10'" PURGE SE RESQUEUE
		.... 1...		RQCANCO	"X'08'" JOB HAS BEEN CANCELED OUTPUT
		.... .1..		RQLREGON	"X'04'" / MAIN LREGION= SPECIFIED
		.... ..1.		RQRQJID	"X'02'" This is a SYSLOG request job id job
		1		RQNSTDGP	"X'01'" NON-STANDARD DEST GROUP

Table 615. Structure RQSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
341	(155)	BITSTRING	1	RQFLG7	RESQUEUE FLAG 7
		DEFINITION OF RQFLG7			
		1...		RQABTERM	"X'80'" ABNORMAL JOB TERMINATION
		.1..		RQABEND	"X'40'" SYSTEM/USER ABEND
		..1.		RQDSTAT	"X'20'" JOB HAS SYSOUT CLASS THAT REQUIRES DATASET TAT
		...1		RQDSPAB	"X'10'" DSP TERMINATED BY FAILSOFT
		.... 1...		RQDM556	"X'08'" DM556 ISSUED FOR THIS JOB
		.... .1..		RQOSSWS	"X'04'" INDIC. START WTR THIS RQ.
		.... ..1.		RQJSS	"X'02'" RSQ WAS OBTAINED BY JSS
		1		RQPOSTCN	"X'01'" JOB IN POSTSCAN PHASE OF CI
342	(156)	BITSTRING	1	RQFLG8	RESQUEUE FLAG 8
		DEFINITION OF RQFLG8			
		1...		RQATMACT	"X'80'" RQ BYPASSED FOR OSE BUILD
		.1..		RQOSSCHN	"X'40'" RQ ON OUTSERV DRVR CHAIN
		..1.		RQWTRCH	"X'20'" RQ ON WRITER CHAIN
		...1		RQATMREQ	"X'10'" JDS NAVAIL TIMER REQUIRED
		.... 1...		RQSPNCHN	"X'08'" RQ ON OUTSERV SPIN CHAIN
		.... .1..		RQFLG804	"X'04'" Reserved for output service subchain indicator
		.... ..1.		RQJESRQ	"X'02'" JES3 JOB0'S RESQUEUE
		1		RQSPNREQ	"X'01'" SPINOFF RQTAPUT REQUEST
343	(157)	BITSTRING	1	RQFLG9	RESQUEUE FLAG 9
		DEFINITION OF RQFLG9			
		1...		RQJDSPRG	"X'80'" JDS HAS BEEN PURGED
		.1..		RQSOMAR	"X'40'" JOB ON MAIN HAD SPINOFF DATASET AT JES3 RESTART
		..1.		RQISOMAR	"X'20'" PLACE JOB ON SPINOFF QUEUE (SET IN IATGRRQ)
		...1		RQLMITMN	"X'10'" JOB REQUEUE MAIN LIMIT
		.... 1...		RQDSIPL	"X'08'" DEM. SEL. JOB IPLED OFF
		.... .1..		RQDSERTM	"X'04'" DEM SEL JOB TERMINATING DUE TO ERROR IN IATMSMS
		.... ..1.		RQNFYIPL	"X'02'" JOB IPL'D OFF (NOTIFY)
		1		RQISFAIL	"X'01'" JOB FAILED BY CI
344	(158)	BITSTRING	1	RQFLG10	RESQUEUE FLAG 10
		DEFINITION OF RQFLG10			
		1...		RQOSEBY	"X'80'" BYPASS OSE BUILD OVER RESTRT
		.1..		RQOSMF26	"X'40'" OUTSERV SMF26 START LOGGED
		..1.		RQMSGRSV	"X'20'" MSGCLASS IS RESERVED CLASS
		...1		RQCANCUR	"X'10'" JOB CANCELED BY USER
		.... 1...		RQBDTSUB	"X'08'" JOB IS A BDT SUBSYSTEM
		.... .1..		RQDM756	"X'04'" DM756 ISSUED FOR THIS JOB

Table 615. Structure RQSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... ..1.		RQORGDEF	"X'02'" JCT CONTAINS A SECONDARY 3089 ORIGIN 3089
		1		RQOSDRUP	"X'01'" RQ BEING PROCESSED BY AN OUTSERV FCT
345	(159)	BITSTRING	1	RQFSFLG	FSS STATUS FLAG
		DEFINITION OF RQFSFLG			
		1...		RQFSS	"X'80'" JOB RUNS AS AN FSS ADDRESS SPACE
		.1..		RQCIFSSB	"X'40'" CI FSS DEMAND SELECT JOB USES THE CI SUBTASK RESERVED FOR STARTING CI FSS ADDRESS SPACES
		..1.		RQFLFS20	"X'20'" RESERVED FLAG
		...1		RQFLFS10	"X'10'" RESERVED FLAG
		.... 1...		RQFLFS08	"X'08'" RESERVED FLAG
		.... .1..		RQFLFS04	"X'04'" RESERVED FLAG
		.... ..1.		RQFLFS02	"X'02'" RESERVED FLAG
		1		RQFLFS01	"X'01'" RESERVED FLAG
346	(15A)	BITSTRING	1	RQSPFL1	SPOOL FLAG 1
		DEFINITION OF RQSPFL1			
		1...		RQSPMS	"X'80'" RQSPNDX SET BY IATMSMS
		.1..		RQSPT1MS	"X'40'" RQSTRKG1 SET BY IATMSMS
		..1.		RQSPT2MS	"X'20'" RQSTRKG2 SET BY IATMSMS
		...1		RQSPRST	"X'10'" JOB RESTARTED BY *F Q DD= ,STOP
		.... 1...		RQJFAIL	"X'08'" JOB FAILURE INDICATOR
		.... .1..		RQDSPOP	"X'04'" DSP CALLED BY OPERATOR
		.... ..1.		RQTSOCAN	"X'02'" TSO CANCEL PENDING
		1		RQNOJLG	"X'01'" JESMSGLG logging suppressed
347	(15B)	BITSTRING	1	RQDSPRC	DSP RETURN CODE FOR JSS SAME AS FCTFLAG2
		DEFINITION OF RQDSPRC			
347	(15B)	X'0'	0	RQJSNRM	"FCTJSNRM" NORMAL COMPLETION
347	(15B)	X'4'	0	RQJSRSK	"FCTJSRSK" PUT JOB IN HOLD FOR LATER RESCHEDULING
347	(15B)	X'8'	0	RQJSSPR	"FCTJSSPR" SPECIALIZED RESCHEDULE
347	(15B)	X'C'	0	RQJPURG	"FCTJPURG" CANCEL ALL JOB SE'S EXCEPT PURGE
347	(15B)	X'10'	0	RQJSCAN	"FCTJSCAN" CANCEL WITH PRINT
347	(15B)	X'14'	0	RQABDSP	"FCTABDSP" RETURN FROM FAILSOFT
347	(15B)	X'18'	0	RQIIRES	"FCTIIRES" CI DSP USE COUNT RESCHEDULE
347	(15B)	X'1C'	0	RQSMSRSC	"FCTSMSRS" JOB REQUIRES SMS RESOURCES
347	(15B)	X'20'	0	RQNOMPL	"FCTNOMPL" JOB REQUIRES MAIN PROCESSOR 0181 TO PERFORM LOCATES 0181
347	(15B)	X'24'	0	RQIIJSAM	"FCTIIJSM" C/I JSAM buffer usage re- 0082 schedule 0082
348	(15C)	BITSTRING	1	RQFLG11	RESQUEUE FLAG 11

Table 615. Structure RQSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF RQFLG11			
		1...		RQNJESN	"X'80'" JOB CONTAINS SNA/NJE WORK
		.1..		RQNEWAV	"X'40'" NEWLY AVAILABLE FROM SPOOL 0036
		..1.		RQRSTOS	"X'20'" RESTART OUTPUT SERVICE
		...1		RQNJESF	"X'10'" NJE SF FLAG
		.... 1...		RQJOBTK	"X'08'" 0 - TOKEN IN RQTOKEN 0465 REPRESENTS THE JOB 0465 SUBMITTOR 0465 1 - TOKEN IN RQTOKEN 0465 REPRESENTS THE JOB 0465 OWNER 0465
		.... .1..		RQOSBUSY	"X'04'" RQ IS BEING PROCESSED BY 0321 AN OUTSERV FCT AND SHOULD 0321 NOT BE DECHAINED YET 0321
		.... ..1.		RQSBOWN	"X'02'" 0 => JOB OWNER FROM JOBCARD OR PROPAGATED FROM SUBMITTOR 1 => USE SUBMITTOR AS OWNER (MAY BE / MAIN USER=)
		1		RQOSEIOE	"X'01'" OSE I/O error occurred
349	(15D)	BITSTRING	1	RQFLG12	RESQUEUE FLAG 12
		DEFINITION OF RQFLG12			
		1...		RQAPPC	"X'80'" RQ FOR APPC INITIATOR JOB
		.1..		RQDM754T	"X'40'" JOB CAUSED A DM754 ABEND DURING AN RQTAPUT CALL
		..1.		RQOSCLNP	"X'20'" JOB NEEDS MOSE/OSS CLEANUP
		5 LINES DELETED BY APAR OW35657			
		...1		RQSPINJN	"X'10'" Job expects spinoff datasets to have unique jobnames
		.... 1...		RQINTCSP	"X'08'" INTERCOM'ed *CANCEL SETUP .. ..command in progress
		.... .1..		RQCTOKEN	"X'04'" Job contains at least one dataset with a client token therefore JES3 can issue job change ENF58 signals relating to this job.
		.... ..1.		RQDM673	"X'02'" DM673 has occurred for job
		1		RQJMSGLK	"X'01'" JESMSG processing is locked
350	(15E)	BITSTRING	1	RQFLG13	RESQUEUE FLAG 13
		DEFINITION OF RQFLG13			
		1...		RQLRL10	"X'80'" LOCATES DONE ON PROCESSOR WITH JES3 AT REL 10 OR UP (SMS UNIT AFF SSI SUPPORTED)
		.1..		RQJMGOFF	"X'40'" Job has JESMSGs offloaded 0083 (happens when job runs 0083 on HJS7707 or higher) 0079
		..1.		RQNJETCP	"X'20'" Job contains TCP/NJE work
		...1		RQINTXCF	"X'10'" Intrdr is for XCF
		.... 1...		RQCANLTR	"X'08'" Cancel XCF Intrdr later
		.... .1..		RQCLRTM	"X'04'" CALLRTM to be issued 07441SXC
		.... ..1.		RQNSRQJ	"X'02'" This is a non-syslog request job id job

Table 615. Structure RQSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1		RQNJEDB	"X'01'" NJE dubious indicator
351	(15F)	BITSTRING	1	RQE70NQI	ENF70 new queue index
352	(160)	SIGNED	4	RQCIERR	ERROR OCCURRED DURING CI OR MDS
		DEFINITION OF RQCIERR			
		.... .1..		RQCIEJCL	"X'4'" 4 - JOB HAD A JCL ERROR
		.... 1...		RQCIEOPC	"X'8'" 8 - JOB WAS OPERATOR CANCELED
		.... 11..		RQCIEDUP	"X'C'" 12 - JOB WAS CANCELED, DUPLICATE TSO LOGONS
		..11 .11.		RQCABND	"X'36'" 54 - Converter abended
		..11 1...		RQGETMFL	"X'38'" 56 - GETMAIN FAILURE IN MVS CONVERSION/INTERPRETATION
		.1..		RQCUX61	"X'40'" 64 - CANCELED BY IATUX61
356	(164)	SIGNED	4	RQPREV	PREVIOUS RQ POINTER ON RQ CHAIN (RQNEXT POINTS TO NEXT RQ ON RQ CHAIN)
360	(168)	SIGNED	4	RQGRPPRV	PREVIOUS RQ POINTER ON RQ SUBCHAIN (RQGRPCHN POINTS TO NEXT RQ ON RQ SUBCHAIN)
364	(16C)	ADDRESS	4	RQRSRVD5	Reserved for IBM
		RQ maximum completion code information, by design, matches the mapping in the network job trailer. Consult NJE Formats and Protocols before adding a new type. 06113SWA RQMXAB and RQMXCDE are the same as JCTMXAB and 06113SWA JCTMXCDE, respectively. The JCT equates cannot be 06113SWA used because the addition of the IATYJCT expansion 06113SWA causes assembly errors because of duplicate symbols 06113SWA defined in both IATYJCT and IEFAJCTB. 06113SWA			
368	(170)	BITSTRING	4	RQMAXRC(0)	--+ Maximum Job Return Code
368	(170)	BITSTRING	1	RQMXIND	| Job completion indicator
		1...		RQMXAB	"X'80'" | Abend code exists 06113SWA
		.1..		RQMXCDE	"X'40'" | Condition code exists 06113SWA
369	(171)	BITSTRING	3	RQMAXCC	--+ Completion code
372	(174)	SIGNED	4	RQSPVLU	JESMSGLG & JESYSMSG spinoff value (see RQSPFLG)
376	(178)	BITSTRING	1	RQSPFLG	JESMSGLG & JESYSMSG spinoff 0082 flag byte 0082
		Definition of RQSPFLG 0 NOTE: Flag RQSPFLG must be defined identical 0 to JCTSPFLG and JSQSPFLG. 0			
		1...		RQSPIN	"X'80'" Job is eligible to SPINOFF 0082 JESMSGLG and JESYSMSG ds 0082
		.1..		RQSTIMI	"X'40'" SPINOFF by time interval 0082 (in seconds) 0082
		..1.		RQSTIMD	"X'20'" SPINOFF by TOD (in sec) 0082
		...1		RQSLINE	"X'10'" SPINOFF by line interval 0082
		.... 1...		RQNOSPN	"X'08'" NOSPIN specified 0082
		.... .1..		RQSUPRS	"X'04'" SUPPRESS specified 0082
377	(179)	BITSTRING	1	RQJSMFLG	Job Symbol table flags

Table 615. Structure RQSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		Definition of RQJSMFLG NOTE: Flag RQJSMFLG must be defined identical to JCTXJSMF.			
		1...		RQJJNOT	"X'80'" Job notification enabled (SYS_JOB_NOTIFY symbol)
		.1..		RQJNENF	"X'40'" Job notification ENF was initiated
		..1.		RQJASYM	"X'20'" Job requires alternate system symbol table
		...1		RQJSYMT	"X'10'" Job symbol table CB exists
		.... 1...		RQJCVSY	"X'08'" Job has symbols to be passed to converter
		.... .1..		RQJINST	"X'04'" Job has datasets with symbol substitution
		.... ..1.		RQJSM202	"X'02'" Reserved for IBM
		1		RQJSM201	"X'01'" Reserved for IBM
378	(17A)	BITSTRING	2	RQRSVD4	Reserved for IBM
380	(17C)	SIGNED	4	RQMINLV	Minimum BCP execution level set by MVS converter
384	(180)	SIGNED	4	RQRSVD6	Reserved for IBM
388	(184)	SIGNED	4	RQRSVD7	Reserved for IBM
392	(188)	BITSTRING	12	RQASRFDW	ASR work FDB
404	(194)	BITSTRING	12	RQJSMFDB	FDB of the Job Symbol Table
416	(1A0)	SIGNED	4	RQRSVU(3)	RESERVED FOR USER
428	(1AC)	SIGNED	4	RQFXEND(0)	END OF FIXED RESQUEUE ENTRY
428	(1AC)	X'1AC'	0	RQFSIZE	"RQFXEND-RQSTART" SIZE OF FIXED ENTRY
		VARIABLE SECTION FOR OUTSERV FUNCTION			
428	(1AC)	SIGNED	4	RQOSSTRT(0)	START OF OUTSERV VAR. SECTION
428	(1AC)	SIGNED	4	RQWTRCHN	WRITER OUTPUT CHAIN
432	(1B0)	SIGNED	4	RQSPNCH	SPINOFF OUTPUT CHAIN
436	(1B4)	SIGNED	4	RQOSSTOP	FIRST OUTPUT SERVICE SUMMARY (OSS) ADDRESS
440	(1B8)	SIGNED	4	RQDCHFCT	WRITER DECHAIN FCT ADDRESS
		1...		RQDCHLCK	"X'80'" LOCK DECHAIN FCT BIT (FOR GRRQ)
444	(1BC)	SIGNED	2	RQSWTRCT	SCHEDULED WRITER COUNT
446	(1BE)	SIGNED	2	RQBGRPID	BDT GROUP-ID
448	(1C0)	SIGNED	4	RQJDATE	JOB LEVEL TIME STAMP (STCK)
452	(1C4)	SIGNED	4	RQWTRPRV	PREVIOUS RQ POINTER ON OUTPUT SERVICE WRITER CHAIN (RQWTRCHN POINTS TO PREVIOUS RQ ON OUTPUT SERVICE WRITER CHAIN)
456	(1C8)	SIGNED	4	RQSPNPRV	PREVIOUS RQ POINTER ON OUTPUT SERVICE SPINOFF CHAIN (RQSPNCH POINTS TO PREVIOUS RQ ON OUTPUT SERVICE SPINOFF CHAIN)
460	(1CC)	SIGNED	4	RQOSECT4	Number of OSE buffs in use
464	(1D0)	SIGNED	4	RQWSIMAX	Current maximum WSI value for job's SYSOUT data
468	(1D4)	ADDRESS	4	RQTCPMAP	Pointer to TCP/IP group id 07081SXC data area and bit map 07081SXA

Table 615. Structure RQSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
472	(1D8)	SIGNED	2	RQNDEX	FOOTPRINT OF RQOSESUP DSP 0053
474	(1DA)	BITSTRING	1	RQDSPNO	DSP USING RQOSESUP 0053
475	(1DB)	BITSTRING	1	RQOSDCNT	Outserv dump count (for 0049 DM672) 0049
475	(1DB)	X'3'	0	RQOSDMAX	"3" Maximum number of DM672 0049 dumps allowed 0049
476	(1DC)	SIGNED	4	RQOSSCT	Count of IATXOSSC calls for the job
480	(1E0)	BITSTRING	1	RQOSFLG1	Output Service flags
	Definition of RQOSFLG1				
		1...		RQOSELIM	"X'80'" OSE buffer limit reached
		.1..		RQJDOBLD	"X'40'" JDO built 02809SLC
		..1.		RQDM676	"X'20'" DM676 ABEND issued for job
		...1		RQTGRPMP	"X'10'" TCP/IP group id bit map 07081SXC exists 07081SXA
		.... 1...		RQWSIRST	"X'08'" Restore WSI for SYSOUT data during OUTSERV restart
		.... .1..		RQOSF104	"X'04'" Reserved for IBM
		.... ..1.		RQOSF102	"X'02'" Reserved for IBM
		1		RQOSF101	"X'01'" Reserved for IBM
481	(1E1)	BITSTRING	1	RQOSRSRV	Reserved for IBM
482	(1E2)	SIGNED	2	RQOSRSV2	Reserved for IBM 08598SXC
484	(1E4)	SIGNED	4	RQTGRPI	TCP/IP group-id 08598SXA
488	(1E8)	SIGNED	4	RQTKNAD	Token address provided as input to IATXGOSE/IATXPOSE
496	(1F0)	ADDRESS	8	RQSAPSEE	SAPI application SEE chain
504	(1F8)	SIGNED	4	RQOSEBF4	OSE buffer number used within IATXGOSE/IATXPOSE
508	(1FC)	SIGNED	4	RQOSRSV3(3)	Reserved for IBM 08598SXA
520	(208)	DBL WORD	8	RQOSEND(0)	END OF OUTSERV VARIABLE SECTION (END ON DOUBLEWORD)
520	(208)	X'5C'	0	RQOSVSIZ	"RQOSEND-RQOSSTRT" SIZE OF OUTSERV VAR. SECTION
	VARIABLE SECTION FOR MDS FUNCTION				
520	(208)	DBL WORD	8	RQMDSTRT(0)	START OF MDS VARIABLE SECTION
520	(208)	SIGNED	4	RQDYACHN	DYNAMIC ALLOCATION CHAIN
524	(20C)	SIGNED	4	RQMDFCB	DFCB ADDRESS DURING DEVICE DEDICATION
528	(210)	SIGNED	4	RQS	SETUP PROCESSOR OF JOB
532	(214)	ADDRESS	4	RQARLADD	ALLOCATION REQUIREMENTS LIST (ARL) ADDRESS
536	(218)	ADDRESS	4	RQSMSRL	SMS RESOURCE LIST ADDRESS 0234
540	(21C)	BITSTRING	12	RQDYJFDB	DJST FDB
552	(228)	SIGNED	2	RQVFYCNT	DEVICE MOUNTS REMAINING
554	(22A)	SIGNED	2	RQOPRCNT	NO. OF OPERATOR ATTEMPTS TO MOUNT JOB
556	(22C)	SIGNED	2	RQMVTSIZ	FIRST STEP REGION SIZE
558	(22E)	SIGNED	2	RQVS2SIZ	LARGEST STEP REGION SIZE
560	(230)	BITSTRING	1	RQDYNSTP	DYNAMIC ALLOC STEP NO.
561	(231)	BITSTRING	1	RQMPSEQ	MAIN PROCESSOR SEQ NUMBER

Table 615. Structure RQSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
562	(232)	BITSTRING	1	RQAGER	JOB AGING RATE COUNTER
563	(233)	BITSTRING	1	RQSTPNO	JOB STEP NO. IN EXECUTION
564	(234)	BITSTRING	1	RQMPLAST	MP ON LAST SELECT ATTEMPT
565	(235)	BITSTRING	1	RQDYALRC	RETURN CODE TO DYNAMIC ALLOCATION SSI
566	(236)	BITSTRING	1	RQDYINDX	RQINDEX OF DYNALOC MDS FUNC.
567	(237)	BITSTRING	1	RQJSTAT	JOB SELECTION STATUS
Definition of RQJSTAT RQJSTAT Bypass Reason Code Definitions $TA= z2.1.0 HJS7790 120521 RD0AS: z 2.1.0 17648TAA					
,VALUE NOT DEFINED					
		....		RQJXZERO	"X'00'"
,INSUFFICIENT STORAGE					
		1		RQJXSTOR	"X'01'"
,TLIMIT EXCEEDED					
		.... ..1.		RQJXTLIM	"X'02'"
,I/O RATE INAPPROPRIATE					
		11		RQJXIORT	"X'03'"
,INELIGIBLE TO RUN ON THIS SYSTEM					
		.... .1..		RQJXMAIN	"X'04'" 9#0058
,MDEPTH EXCEEDED					
		.... .11.		RQJXMDEP	"X'06'"
,JOB CLASS DISABLED					
		.... .111		RQJXCLAS	"X'07'"
,LSTOR UPDATE PENDING					
		.... 1...		RQJXLSPN	"X'08'"
,MLIMIT EXCEEDED					
		.... 1..1		RQJXMLMT	"X'09'"
,MIX1 INAPPROPRIATE					
		.... 1.1.		RQJXPMIX	"X'0A'" 27#0058
,JOB IN HOLD OR ACTIVE					
		.... 111.		RQJXHOLD	"X'0E'"
,SYSTEM NOT AT MIN MVS EXECUTION LEVEL					
		 1111		RQJXMNLV	"X'0F'"

Table 615. Structure RQSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
,JOB IN DJC HOLD					
		...1		RQJXDJCH	"X'10'"
,GROUP DISABLED					
		...1 ..1.		RQJXMGMN	"X'12'"
,MAIN OFFLINE/NOT CONNECTED					
		...1 ..11		RQJXMNOF	"X'13'"
,TDEPTH EXCEEDED					
		...1 .1..		RQJXTDPT	"X'14'"
,CANCEL/RESTART SETUP ISSUED					
		...1 .1.1		RQJXRCNS	"X'15'"
,WAITING FOR SPOOL SPACE					
		...1 .11.		RQJXWSPL	"X'16'"
,WAITING FOR REQUIRED LEVEL OF MVS					
		...1 .111		RQJXW522	"X'17'"
,SCHEDULING ENVIRONMENT NOT DEFINED					
		...1 1...		RQJXSEUD	"X'18'"
,SCHEDULING ENVIRONMENT NOT AVAILABLE					
		...1 1..1		RQJXSEUN	"X'19'"
,WLM RECLASSIFICATION IS IN PROGRESS					
		..1.		RQJXWLRC	"X'20'" 9#17648TAD
,SRVCLASS MODIFY IN PROGRESS					
		..1. ..1.		RQJXSRVM	"X'22'"
,MAX JES MANAGED JOBS ON SINGLE MAIN					
		..1. ..11		RQJXMAXJ	"X'23'"
,MAX WLM MANAGED JOBS ON SINGLE MAIN					
		..1. .1..		RQJXMAXW	"X'24'" 9#17648TAD
,NO INITIATORS STARTED IN SRVCLASS					
		.1.1		RQJNSIST	"X'50'"
,ALL INITIATORS IN SRVCLASS IN USE					
		.1.1 ...1		RQJASIUS	"X'51'"

Table 615. Structure RQSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
,NO GROUP INITIATORS STARTED					
		.1.1 ..1.		RQJNGIST	"X'52'"
,ALL GROUP INITIATORS IN USE					
		.1.1 ..11		RQJAGIUS	"X'53'"
,PRIORITY HELD					
		.1.1 .1..		RQJSPTYH	"X'54'"
,JOB IS IN OPERATOR HOLD					
		.1.1 .1.1		RQJSOPRH	"X'55'"
,JOB IS IN DJC HOLD					
		.1.1 .11.		RQJSDJCH	"X'56'"
,JOB IS IN ARM HOLD					
		.1.1 .111		RQJSARMH	"X'57'"
,JOB IS IN SPOOL HOLD					
		.1.1 1...		RQJSSPLH	"X'58'"
,NO AVAILABLE DSPS					
		.1.1 1..1		RQJSNDSP	"X'59'"
,MAIN/CLASS/GROUP NOT AVAILABLE					
		.1.1 1.1.		RQJSMCGU	"X'5A'"
,DUPLICATE JOB NAME IN EXECUTION					
		.1.1 1.11		RQJSDUPJ	"X'5B'"
,RESOURCE UPDATE ONLY					
		1...		RQJMDRSU	"X'80'"
,JOB HOLD STATUS					
		1... ...1		RQJMDHLD	"X'81'"
,MAX REGION SIZE EXCEEDED					
		1... ..1.		RQJMDRGN	"X'82'"
,RESTART JOB PASS ONLY					
		1... ..11		RQJMDRST	"X'83'"
,MAIN OFFLINE/NOT CONNECTED					
		1... .1..		RQJMDOFF	"X'84'"

Table 615. Structure RQSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
,RESTART MAIN NOT CONNECTED					
		1... .1.1		RQJMDROI	"X'85'"
,GROUP/CLASS DISABLED					
		1... .11.		RQJMDGMS	"X'86'"
,REQUIRED RESOURCES NOT AVAILABLE					
		1... .111		RQJMDRSC	"X'87'"
,DEVICE POOL FENCE PENDING					
		1... 1...		RQJMDFNC	"X'88'"
,MAIN SETUP DEPTH EXCEEDED					
		1... 1..1		RQJMDMDP	"X'89'"
,CLASS SETUP DEPTH EXCEEDED					
		1... 1.1.		RQJMDCDP	"X'8A'"
,FAILED PREALLOCATION SCAN					
		1... 1.11		RQJMDSCN	"X'8B'"
,SYSTEM MANAGED RESOURCES NOT AVAILABLE					
		1... 11..		RQJMDSMS	"X'8C'"
,SCHEDULING ENVIRONMENT NOT DEFINED					
		1... 11.1		RQJMSEUD	"X'8D'"
,SCHEDULING ENVIRONMENT NOT AVAILABLE					
		1... 111.		RQJMSEUN	"X'8E'"
,GROUP NOT SUPPORTED IN WLM MODE					
		1... 1111		RQJMGPWL	"X'8F'"
,JESLOG VALUE NOT SUPPORTED ON MAIN					
		1..1		RQJMJLNS	"X'90'"
,JOB SELECTED FOR EXECUTION					
		1111 1111		RQJXONMN	"X'FF'"
599	(257)	BITSTRING	1	RQDYFLG1	DYNAMIC ALLOC SSI FLAG 1
DEFINITION OF RQDYFLG1					
		1...		RQDYVMNT	"X'80'" VOLUME MOUNTING ALLOWED
		.1..		RQDYODRC	"X'40'" OFFLINE DEV RECOVERY ALLOWED
		..1.		RQDYWADV	"X'20'" WAIT FOR ALLOC DEV ALLOWED

Table 615. Structure RQSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		...1		RQDYWADS	"X'10'" WAIT FOR A DATASET ALLOWED
		.... 1...		RQDYWAVL	"X'08'" WAIT FOR A VOLUME ALLOWED
		.... .1..		RQDYPCAT	"X'04'" REQST FOR A PRIVATE CATALOG
		.... ..1.		RQDYFTCH	"X'02'" DYNALLOC FETCH COMPLETE
		1		RQDYR101	"X'01'" RESERVED FLAG
600	(258)	BITSTRING	1	RQDYFLG2	RQDYFLG2 DYNAMIC ALLOC SSI FLAG 2
601	(259)	BITSTRING	1	RQDYFLAG(0)	DYNAL FCT FLAGS
601	(259)	BITSTRING	1	RQDYFLG3	DYNAL FCT FLAG3
		DEFINITION OF RQDYFLG3			
		1...		RQVLMONT	"X'80'" VOLUME MOUNTING ALLOWED
		.1..		RQDYR340	"X'40'" RESERVED FLAG
		..1.		RQDVWAIT	"X'20'" WAIT FOR DEVICES ALLOWED
		...1		RQDSWAIT	"X'10'" WAIT FOR DATASETS ALLOWED
		.... 1...		RQDYR308	"X'08'" RESERVED FLAG
		.... .1..		RQDYR304	"X'04'" RESERVED FLAG
		.... ..1.		RQDYR302	"X'02'" RESERVED FLAG
		1		RQDYR301	"X'01'" RESERVED FLAG
602	(25A)	BITSTRING	1	RQDYFLG4	RQDYFLG4 DYNAL FCT FLAG4
		MDS REQUIREMENTS			
603	(25B)	BITSTRING	1	RQREQST(0)	START OF MDS REQUIREMENTS
603	(25B)	BITSTRING	1	RQDAREQ	NUMBER OF UNSATISFIED DASD REQUESTS
604	(25C)	BITSTRING	1	RQTAREQ	NUMBER OF UNSATISFIED TAPE REQUESTS
605	(25D)	BITSTRING	1	RQOTREQ	NUMBER OF UNSATISFIED REQUESTS FOR OTHER DEVICES
606	(25E)	BITSTRING	1	RQVUREQ	NUMBER OF UNSATISFIED VUA REQUESTS
606	(25E)	X'4'	0	RQREQLEN	"*-RQREQST" LENGTH OF DEVICE COUNTS 0676
607	(25F)	BITSTRING	1	RQMDSREQ	UNSATISFIED REQUIREMENT TYPE CORRESPONDS TO MDSALECF
		DEFINITION OF RQMDSREQ			
		1...		RQBSYDEV	"X'80'" JOB REQUIRES BUSY DEVICE(S)
		.1..		RQBSYVOL	"X'40'" JOB REQUIRES BUSY VOLUME(S)
		..1.		RQBSYDTS	"X'20'" JOB REQUIRES BUSY DATASET(S)
		...1		RQVFYPDG	"X'10'" VOLUME VERIFICATION PENDING
		.... 1...		RQDFPDG	"X'08'" JOB WAITING FOR FENCED DEVICES
		.... .1..		RQDYNPR	"X'04'" DYNALLOC FAILED: PERM RES VOLUME NOT FOUND
		.... ..1.		RQMREQ02	"X'02'" RESERVED FLAG
		1		RQMREQ01	"X'01'" RESERVED FLAG
608	(260)	BITSTRING	1	RQREQEND(0)	END OF MDS REQUIREMENTS
608	(260)	BITSTRING	1	RQMDFLG1	MDS FLAG1
		DEFINITION OF RQMDFLG1			

Table 615. Structure RQSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		RQMDFAIL	"X'80'" MDS JOB ALLOCATION FAILURE
		.1..		RQMDVUNV	"X'40'" UNAVAILABLE VOLUME REFERENCE
		..1.		RQMDERR	"X'20'" MDS JOB ALLOCATION ERROR
		...1		RQMDSLCT	"X'10'" JOB SELECTED FOR ALLOCATE
		.... 1...		RQMDMNT	"X'08'" JOB FOR MDS MOUNT FUNCTION
		.... .1..		RQMDERRQ	"X'04'" JOB TO ERROR QUE AFTER BRKDN
		.... ..1.		RQMDFNC	"X'02'" THIS JOB FOR DEVPOOL REQUEST
		1		RQMDJERR	"X'01'" JSAM I/O ERROR ENCOUNTERED
609	(261)	BITSTRING	1	RQMDFLG2	MDS FLAG2
		DEFINITION OF RQMDFLG2			
		1...		RQMDCTLG	"X'80'" JOB FOR JOB/STEPCAT MOUNT
		.1..		RQMDFVFY	"X'40'" JOB BEING FORCE VERIFIED
		..1.		RQMDFLSF	"X'20'" PROCESSED BY MDS FAILSOFT
		...1		RQMDVFYE	"X'10'" VOLUME VERIFICATION ERROR
		.... 1...		RQMDSJST	"X'08'" JST READ IN BY MDS
		.... .1..		RQMDSJMS	"X'04'" JESMSGLG OPENED BY MDS
		.... ..1.		RQMDSJMR	"X'02'" JMR READ BY MDS
		1		RQBKINPR	"X'01'" JOB BREAKDOWN IN PROCESS
610	(262)	BITSTRING	1	RQMDFLG3	MDS FLAG3
		DEFINITION OF RQMDFLG3			
		1...		RQMD3R80	"X'80'" Reserved flag
		.1..		RQMDPUTF	"X'40'" RQTAPUT DONE FOR FAILSOFT
		..1.		RQMDBRSV	"X'20'" BARR RESRV DONE BY JOB
		...1		RQMDRSTE	"X'10'" *R,S,JOB,EXTENDED INFO
		.... 1...		RQMDBKER	"X'08'" ERROR DURING BREAKDOWN
		.... .1..		RQMDSDP0	"X'04'" CLASS SDEPTH IS ZERO 0013
		.... ..1.		RQMDALER	"X'02'" ERROR DURING HARD ALLOCATE
		1		RQMDNFNC	"X'01'" DJC NET HAS NO DEVICE FENCE
611	(263)	BITSTRING	1	RQMDFLG4	MDS FLAG4
		DEFINITION OF RQMDFLG4			
		1...		RQMDYACT	"X'80'" JOB HAS ACTIVE DJST
		.1..		RQMDYNQ	"X'40'" SA ON DYNAL ALLOC QUEUE
		..1.		RQMDYJST	"X'20'" DYNAL FCT USING JST
		...1		RQMDSDJS	"X'10'" SETUP FCT USING DJST
		.... 1...		RQMD4R08	"X'08'" Reserved flag
		.... .1..		RQMD4R04	"X'04'" Reserved flag
		.... ..1.		RQMDIUV	"X'02'" IGNORE UNAVAILABLE VOLUME STATUS DURING ALLOCATION
		1		RQMDSRS	"X'01'" ** IATMDBK ** CURRENT STEP IS THE RESTARTING STEP
612	(264)	BITSTRING	1	RQMDFLG5	MDS FLAG FIVE
		DEFINITION OF RQMDFLG5			

Table 615. Structure RQSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		RQSRSERV	"X'80'" THIS RESQUEUE IS BEING SERVICED BY THE MDSSRS FCT
		.1..		RQRSTCI	"X'40'" THIS JOB SHOULD BE RESTARTED THROUGH C/I PROCESSING AFTER MDS BREAKDOWN
		..1.		RQRSTAL	"X'20'" THIS JOB SHOULD BE PLACED ON THE MDS ALLOCATE QUEUE AFTER MDS BREAKDOWN
		...1		RQSMSMDS	"X'10'" THERE ARE NO MAIN PROCESSORS WHICH HAVE ACCESS TO BOTH THE SMS RESOURCES AND THE MDS RESOURCES REQUIRED BY THE JOB
		.... 1...		RQSMSCN	"X'08'" THERE ARE NO PROCESSORS THAT HAVE CONNECTIVITY TO ALL OF THE SMS MANAGED RESOURCES REQUIRED BY THE JOB
		.... .1..		RQSMSERR	"X'04'" ERROR DURING SMS PROCESSING
		.... ..1.		RQMDNOBF	"X'02'" NO JSAM BUFFERS
		1		RQMDSABN	"X'01'" MDS SUBTASK ABENDED WHILE PROCESSING A JOB
613	(265)	CHARACTER	6	RQSCHSPA	SMS SCHEDULING INFORMATION SPOOL ADDRESS - SET BY IATMDST DURING SYSTEM SELECT PROCESSING
619	(26B)	BITSTRING	1	RQMDFLG6	MDS FLAG SIX
		DEFINITION OF RQMDFLG6			
		1...		RQJSTNWF	"X'80'" JST NOT WRITTEN TO SPOOL AFTER MDS FETCH. CURRENT MDS FUNCTION MUST NOW WRITE THE JST
		.1..		RQMDBYRS	"X'40'" JOB BYPASSED UNTIL ALL RESTART JOBS ON THE ALLOC QUEUE HAVE BEEN PROCESSED
		..1.		RQJSTLJB	"X'20'" JST LEFT IN STORAGE AFTER 0155 LAST STEP BREAKDOWN FOR 0155 JOB BREAKDOWN 0155
		...1		RQHARD	"X'10'" HARD ALLOCATE COMPLETE ... ... JST NOT YET WRITTEN
		.... 1...		RQJSTDYN	"X'08'" DYNAL IS USING RESIDUAL JST
		.... .1..		RQSVRES	"X'04'" RESTART SETUP CMD ISSUED FOR JOB IN SYSTEM VERIFY
		.... ..1.		RQRQMVNA	"X'02'" REQUIRED MVS LEVEL IS NO LONGER AVAILABLE.
		1		RQSMSVLE	"X'01'" SMS RETURNED VOLUME ERROR
620	(26C)	SIGNED	2	RQJSTCT	NO. OF JST BUFFERS
622	(26E)	CHARACTER	2	RQMDSDV1	RESERVED FOR DEVELOPMENT
624	(270)	CHARACTER	4	RQMDSDV2	RESERVED FOR DEVELOPMENT
628	(274)	CHARACTER	1	RQMDSRSV	RESERVED FOR SERVICE
629	(275)	BITSTRING	1	RQMDSRS1	MDS/MDSSRS FLAG
		DEFINITION OF RQMDSRS1 THE FLAGS DEFINED IN RQMDSRS1 MUST BE SERIALIZED USING COMPARE AND SWAP LOGIC			
		1...		RQMDST	"X'80'" MDS SUBTASK IS PROCESSING THIS JOB
		.1..		RQMDRL	"X'40'" IATMDRL WENT THROUGH CHAIN OF RQ'S IN SYSTEM SELECT WHILE SUBTASK WAS PROCESSING THIS JOB

Table 615. Structure RQSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		RQENFPST	"X'20'" SMS CALLED FOR THIS JOB AS A RESULT OF AN ENF POST
		...1		RQMDS110	"X'10'" RESERVED FLAG
		.... 1...		RQMDS108	"X'08'" RESERVED FLAG
		.... .1..		RQMDS104	"X'04'" RESERVED FLAG
		.... ..1.		RQMDS102	"X'02'" RESERVED FLAG
		1		RQMDS101	"X'01'" RESERVED FLAG
630	(276)	BITSTRING	2	RQACTDYN	ID OF ACTIVE DYNAMIC ALLOC. MOVED FROM DYADYNID BY MDDR WHEN ALLOCATION IN PROGRESS
632	(278)	SIGNED	4	RQDEVCTD	Number of times device use count has been incremented without a corresponding decrement (during DJST processing)
636	(27C)	SIGNED	4	RQDEVCTJ	Number of times device use count has been incremented without a corresponding decrement (during JST processing)
640	(280)	SIGNED	4	RQDSNCTD	Number of times data set use count has been incremented without a corresponding decrement (during DJST processing)
644	(284)	SIGNED	4	RQDSNCTJ	Number of times data set use count has been incremented without a corresponding decrement (during JST processing)
648	(288)	SIGNED	4	RQVLFCTD	Number of times volume fetch count has been incremented without a corresponding decrement (during DJST processing)
652	(28C)	SIGNED	4	RQVLFCTJ	Number of times volume fetch count has been incremented without a corresponding decrement (during JST processing)
656	(290)	SIGNED	4	RQVLACTD	Number of times volume allocation count has been incremented without a corresponding decrement (during DJST processing)
660	(294)	SIGNED	4	RQVLACTJ	Number of times volume allocation count has been incremented without a corresponding decrement (during JST processing)
660	(294)	X'20'	0	RQCTLEN	"*-RQDEVCTD" LENGTH OF CONTROL COUNTS
664	(298)	SIGNED	4	RQMRSVS1	RESERVED FOR SERVICE 0055
668	(29C)	SIGNED	4	RQMRSVS2	RESERVED FOR SERVICE 0055
672	(2A0)	SIGNED	2	RQMRSVS3	RESERVED FOR DEVELOPMENT 0081
674	(2A2)	BITSTRING	3	RQREGFS	FIRST STEP REGION SIZE 0081
677	(2A5)	BITSTRING	3	RQREGLG	LARGEST STEP REGION SIZE 0081
680	(2A8)	CHARACTER	16	RQSCHENV	Scheduling environment
		RQSCHEMM indicates the available scheduling environment: BYTE 1 BYTE 2 BYTE 3 BYTE 4 SY8-->SY1 SY16-->SY9 SY24-->SY17 SY32-->SY25 The ANDing of RQMAINS and RQSCHEMM indicate the processor(s) where the job can execute.			
696	(2B8)	SIGNED	4	RQSCHEMM	Scheduling Environment selection mask
700	(2BC)	CHARACTER	8	RQSRVCLS	Service class name
708	(2C4)	SIGNED	4	RQWLMCTK	WLM classification token

Table 615. Structure RQSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
712	(2C8)	BITSTRING	4	RQWSRMTK	WLM supplied SRM token
720	(2D0)	DBL WORD	8	RQMDSEND(0)	END OF MDS VARIABLE SECTION (END ON A DOUBLEWORD)
720	(2D0)	X'C8'	0	RQMDSVSZ	"RQMDSEND-RQMDSTRT" SIZE OF MDS VARIABLE SECTION
	VARIABLE SECTION FOR GMS FUNCTION				
720	(2D0)	DBL WORD	8	RQGMSTRT(0)	Start of GMS variable 16851TAC section 16851TAA
720	(2D0)	SIGNED	4	RQMAXL	LINE ESTIMATE/ACTUAL
724	(2D4)	SIGNED	4	RQMAXB	BYTE ESTIMATE/ACTUAL
728	(2D8)	SIGNED	4	RQMAXP	PAGE ESTIMATE/ACTUAL
732	(2DC)	SIGNED	2	RQMAXC	CARD ESTIMATE/ACTUAL
734	(2DE)	SIGNED	2	RQDATEON	Date on MAIN as DDDs 18078TAC (signed-packed-decimal) 18078TAA - also see RQYEARON 18078TAA
736	(2E0)	SIGNED	4	RQTIMEON	Binary time of day on MAIN 18078TAC as hundredths (0.01) of 18078TAA a second 18078TAA
740	(2E4)	CHARACTER	8	RQINJBID	SELECTING INITIATOR'S JOB NUMBER
748	(2EC)	CHARACTER	8	RQMNAM	MAIN THE JOB IS RUNNING ON
756	(2F4)	SIGNED	4	RQFSID(0)	FUNCTIONAL SUBSYSTEM ID VALID WHEN RQFSS IS SET
756	(2F4)	SIGNED	2	RQFSSID	FSS PORTION OF FSID
758	(2F6)	SIGNED	2	RQFSAID	FSA PORTION OF FSID
760	(2F8)	CHARACTER	8	RQSTEPNM	CURRENT STEP NAME
	S.E. ITERATION CONTROL SECTION				
768	(300)	BITSTRING	1	RQISTART	START OF SE ITERATION
769	(301)	BITSTRING	1	RQIEND	END OF SE ITERATION
770	(302)	BITSTRING	1	RQMSFL1	GMS Flag 1
	Definition of RQMSFL1				
		1...		RQCNSTDN	"X'80'" Constraint table counters have been updated for this job since a global restart occurred
		.1..		RQCSDN	"X'40'" Cancel setup has been done for this demand select job
		..1.		RQCANDMP	"X'20'" Deferred cancel request for dump - used when MVS cancel deferred until first step starts
		...1		RQCANARM	"X'10'" Deferred cancel request for ARM restart - used when MVS cancel deferred until first step starts
		.... 1...		RQSRVCLQ	"X'08'" The job is on the GMS select queue for the service class (as opposed to the job class group)
		.... .1..		RQSRVCIP	"X'04'" Service class change in progress
		.... ..1.		RQRECLAS	"X'02'" WLM reclassification is required for this job
		1		RQSELWLM	"X'01'" The job was selected by a WLM managed initiator

Table 615. Structure RQSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
771	(303)	BITSTRING	1	RQMSFL2	GMS Flag 2
	Definition of RQMSFL2				
		1...		RQISTYPE	"X'80'" RQISTART is a DSP number, otherwise, it's a scheduler element number
		.1..		RQIETYPE	"X'40'" RQIEND is a DSP number otherwise, it's a scheduler element number
		..1.		RQIHOLD	"X'20'" Hold job after iteration
		...1		RQSRVCMD	"X'10'" Service class was set via a command
		.... 1...		RQRUNCMD	"X'08'" A *MODIFY,J=nnn,RUN command was issued for this job
		.... .1..		RQSRVUPN	"X'04'" A service class update is pending for this job
		.... ..1.		RQARMRJT	"X'02'" Job was still registered to ARM at job termination
		1		RQNETSRV	"X'01'" Job is a Netserv
772	(304)	SIGNED	2	RQYEARON	Year on MAIN as 0CYY 18078TAC - also see RQDATEON 18078TAA
774	(306)	SIGNED	2	RQASID	Job's ASID
776	(308)	SIGNED	4	RQMSARIV	Main service arrival time
780	(30C)	SIGNED	4	RQGMQPOS	Queue position within a WLM Service Class
784	(310)	SIGNED	4	RQGRSVS1	RESERVED FOR SERVICE 0055
788	(314)	SIGNED	4	RQGRSVS2	RESERVED FOR SERVICE 0055
792	(318)	SIGNED	4	RQWISEQ	WLM initiator sequence number
796	(31C)	SIGNED	4	RQCANDOM	DOM id for message IAT6824 16851TAC
800	(320)	BITSTRING	8	RQCANTIM	Time that JES3 cancel was 16851TAA issued (first 8 bytes in 16851TAA STCKE format) 16851TAA
808	(328)	SIGNED	4	RQGRSVS3(2)	Reserved for IBM 16851TAC
816	(330)	DBL WORD	8	RQGMSEND(0)	END OF GMS VARIABLE SECTION (END ON A DOUBLEWORD)
816	(330)	X'60'	0	RQGMSSIZ	"RQGMSEND-RQGMSTRT" SIZE OF GMS VARIABLE SECTION
	VARIABLE SECTION FOR CI FUNCTION				
720	(2D0)	SIGNED	4	RQCISTRT(0)	START OF CI VARIABLE SECTION
720	(2D0)	SIGNED	4	RQJJCLLM	MAX JOB JCL LIMIT AT TIME JOB SCHEDULED FOR CI
724	(2D4)	SIGNED	4	RQCIRAB	ADDRESS OF RECORD ALLOCATION BLOCK (RAB)
724	(2D4)	X'2D4'	0	RQLOCMN	"RQCIRAB,4" FOR LOCATE RESTART PROCESSING ADDRESS OF MP NAME
728	(2D8)	SIGNED	4	RQPRFSID(0)	FSID OF THE FSS THAT IS PROCESSING THIS JOB
728	(2D8)	SIGNED	2	RQPFSSID	FSS PORTION OF FSID
730	(2DA)	SIGNED	2	RQPFSAID	FSA PORTION OF FSID
732	(2DC)	SIGNED	2	RQPROC	PROCLIB USED FOR JOB
736	(2E0)	SIGNED	4	RQSYMT	SYMBOL TABLE POINTER
740	(2E4)	SIGNED	2	RQSTSIZE	SYMBOL TABLE SIZE

Table 615. Structure RQSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
742	(2E6)	SIGNED	2	RQCIDEV1	RESERVED FOR DEVELOPMENT
744	(2E8)	CHARACTER	3	RQPERFRM	Performance group from the PERFORM parameter on the JOB statement
747	(2EB)	BITSTRING	1	RQCIFLG1	CI flag byte 0082
	Definition of RQCIFLG1 0				
		1...		RQCIBIG	"X'80'" Big user of JSAM buffers in 0082 C/I 0082
		.1..		RQCIRIO	"X'40'" A recovered I/O error occurred during C/I
		..1.		RQCISYSN	"X'20'" SYSIN JDS entry added in CI
		...1		RQCISYM	"X'10'" Batch job's CLASS specified 18588TAC SYSSYM=ALLOW and a symbol 18588TAA table sent to MVS C/I 18588TAA
		.... 1...		RQCIPNAM	"X'08'" Use PROCxx as proclib ddname (where xx = RQPROC)
		.... .1..		RQCGDGBS	"X'04'" GDGBIAS=STEP for this job
		.... ..1.		RQCIF102	"X'02'" Reserved for IBM 18588TAM
		1		RQCIF101	"X'01'" Reserved for IBM 18588TAM 0082
748	(2EC)	SIGNED	4	RQCISRAC	SMS resource activity count
752	(2F0)	SIGNED	2	RQCIJDSB	JDS buffer number of the last entry added by CI
754	(2F2)	BITSTRING	6	RQCIRSRV	RESERVED FOR SERVICE
760	(2F8)	CHARACTER	8	RQCISYMN	Name of main whose symbol 18588TAA table was passed for this 18588TAA batch job's C/I step, 18588TAA needed for IAT4221 msg 18588TAA
768	(300)	CHARACTER	8	RQCISTPN	Started task procedure name
776	(308)	BITSTRING	8	RQCIRSV2	Reserved for IBM
784	(310)	DBL WORD	8	RQCIEND(0)	END OF CI VARIABLE SECTION (END ON A DOUBLEWORD)
784	(310)	X'40'	0	RQCIVSIZ	"RQCIEND-RQCISTRT" SIZE OF CI VARIABLE SECTION
	COMMON VARIABLE SECTION FOR ALL OTHER FUNCTIONS				
520	(208)	DBL WORD	8	RQCMSTRT(0)	START OF COMMON VARIABLE USED FOR OTHER FUNCTIONS
520	(208)	SIGNED	4	RQCTIMON	FCT start time as HHMMSSts 18078TAC (signed-packed-decimal) 18078TAA
524	(20C)	SIGNED	2	RQCDATON	FCT start date as DDDs 18078TAC (signed-packed-decimal) 18078TAA
526	(20E)	SIGNED	2	RQCYERON	FCT start year as 0CYY 18078TAA
528	(210)	SIGNED	4	RQCMRDEV	RESERVED FOR DEVELOPMENT 18078TAC
532	(214)	SIGNED	4	RQCMRSRV	RESERVED FOR SERVICE
536	(218)	DBL WORD	8	RQCMEND(0)	END OF COMMON VARIABLE SECTION USED FOR ALL FUNCTIONS END ON A DOUBLEWORD)
536	(218)	X'10'	0	RQCMVSIZ	"RQCMEND-RQCMSTRT" SIZE OF COMMON VARIABLE SECTION USED FOR ALL OTHER FUNCTIONS

Table 615. Structure RQSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
				RESQUEUE SIZES CI RESQUEUE - CONSISTS OF THE FOLLOWING SECTIONS: (1) FIXED SECTION (2) OUTSERV VARIABLE SECTION - UNUSED EXCEPT FOR KEEPING THE OFFSETS THE SAME IN THE MDS SECTION (3) MDS VARIABLE SECTION - USED BY MDS FOR CATALOG SETUP (4) CI VARIABLE SECTION	
536	(218)	X'310'	0	RQCIRQSZ	"RQCIEND-RQSTART" CI RESQUEUE SIZE
				MAIN RESQUEUE - CONSISTS OF THE FOLLOWING SECTIONS: (1) FIXED SECTION (2) OUTSERV VARIABLE SECTION - USED FOR OUTPUT SERVICE SPINOFF PROCESSING WHILE THE JOB IS IN EXECUTION ON MAIN. (3) MDS VARIABLE SECTION (4) GMS VARIABLE SECTION	
536	(218)	X'330'	0	RQMNRQSZ	"RQGMSEND-RQSTART" MAIN SERVICE RESQUEUE SIZE
				OUTSERV RESQUEUE - CONSISTS OF THE FOLLOWING SECTIONS (1) FIXED SECTION (2) OUTSERV VARIABLE SECTION	
536	(218)	X'208'	0	RQOSRQSZ	"RQOSEND-RQSTART" OUTSERV RESQUEUE SIZE
				COMMON RESQUEUE FOR OTHER FUNCTIONS - CONSISTS OF THE FOLLOWING SECTIONS: (1) FIXED SECTION (2) OUTSERV VARIABLE SECTION - USED FOR OUTPUT SERVICE SPINOFF PROCESSING WHILE THE FUNCTION IS ACTIVE. (3) COMMON VARIABLE SECTION	
536	(218)	X'218'	0	RQCMRQSZ	"RQCMEND-RQSTART" COMMON RQ SIZE USED FOR ALL OTHER FUNCTIONS
				LARGEST RESQUEUE	
816	(330)	X'330'	0	RQMAXSIZ	"*-RQSTART" SIZE OF LARGEST RESQUEUE

Table 616. Cross Reference for IATYRSQ

Name	Offset	Hex Tag
RQABDSP	15B	14
RQABEND	155	40
RQABTERM	155	80
RQACCCNT	B4	
RQACTDYN	276	
RQACTIVE	14F	40
RQAGER	232	
RQALLOC	14C	20
RQAPPC	15D	80
RQARLADD	214	
RQARMRJT	303	2
RQARMRST	150	40
RQARMSET	151	20
RQASID	306	
RQASRFDB	114	

Table 616. Cross Reference for IATYRSQ (continued)

Name	Offset	Hex Tag
RQASRFDW	188	
RQATMACT	156	80
RQATMREQ	156	10
RQBDTSUB	158	8
RQBGRPID	1BE	
RQBKINPR	261	1
RQBRKDWN	14C	44
RQBSYDEV	25F	80
RQBSYDTS	25F	20
RQBSYVOL	25F	40
RQCABND	160	36
RQCANARM	302	10
RQCANCL	154	80
RQCANCO	154	8
RQCANCP	154	40
RQCANCUR	158	10
RQCANDMP	302	20
RQCANDOM	31C	
RQCANLTR	15E	8
RQCANTIM	320	
RQCDATON	20C	
RQCGDGBS	2EB	4
RQCGUAVL	151	2
RQCIBIG	2EB	80
RQCIDEV1	2E6	
RQCIEDUP	160	C
RQCIEJCL	160	4
RQCIEND	310	
RQCIEOPC	160	8
RQCIERR	160	
RQCIFLG1	2EB	
RQCIFSSB	159	40
RQCIF101	2EB	1
RQCIF102	2EB	2
RQCIJDSB	2F0	
RQCIPNAM	2EB	8
RQCIRAB	2D4	
RQCIRGN	153	4
RQCIRIO	2EB	40
RQCIRQSZ	218	310
RQCIRSRV	2F2	
RQCIRSV2	308	
RQCISRAC	2EC	
RQCISTPN	300	
RQCISTRT	2D0	
RQCISYM	2EB	10

Table 616. Cross Reference for IATYRSQ (continued)

Name	Offset	Hex Tag
RQCISYMN	2F8	
RQCISYSN	2EB	20
RQCITYPE	14B	1
RQCIVSIZ	310	40
RQCLRTM	15E	4
RQCMEND	218	
RQCMPLT	14C	5C
RQCMRDEV	210	
RQCMRQSZ	218	218
RQCMRSRV	214	
RQCMSTRT	208	
RQCMTYPE	14B	4
RQCMVSIZ	218	10
RQCNSTDN	302	80
RQCSDN	302	40
RQCTIMON	208	
RQCTLEN	294	20
RQCTOKEN	15D	4
RQCUX61	160	40
RQCYERON	20E	
RQDAREQ	25B	
RQDATEON	2DE	
RQDCHFCT	1B8	
RQDCHLCK	1B8	80
RQDEMSEL	14C	60
RQDEVCTD	278	
RQDEVCTJ	27C	
RQDFPDG	25F	8
RQDJACT	150	80
RQDJCABN	14E	40
RQDJCFLG	14E	
RQDJCHLD	14E	20
RQDJCJOB	14E	80
RQDJCNS	14E	8
RQDJCOPH	14E	10
RQDJCREL	14E	1
RQDJCSC	14E	4
RQDJCSUP	14E	2
RQDM556	155	8
RQDM673	15D	2
RQDM676	1E0	20
RQDM754T	15D	40
RQDM756	158	4
RQDONE	14C	4C
RQDSCNT	AC	
RQDSEL	153	80

Table 616. Cross Reference for IATYRSQ (continued)

Name	Offset	Hex Tag
RQDSERTM	157	4
RQDSESUF	152	20
RQDSIPL	157	8
RQDSNCTD	280	
RQDSNCTJ	284	
RQDSPAB	155	10
RQDSPLY	153	2
RQDSPNO	1DA	
RQDSPOP	15A	4
RQDSPRC	15B	
RQDSTAT	155	20
RQDSWAIT	259	10
RQDVWAIT	259	20
RQDYACHN	208	
RQDYALOC	150	8
RQDYALRC	235	
RQDYFLAG	259	
RQDYFLG1	257	
RQDYFLG2	258	
RQDYFLG3	259	
RQDYFLG4	25A	
RQDYFTCH	257	2
RQDYINDX	236	
RQDYJFDB	21C	
RQDYNPR	25F	4
RQDYNSTP	230	
RQDYODRC	257	40
RQDYPCAT	257	4
RQDYR101	257	1
RQDYR301	259	1
RQDYR302	259	2
RQDYR304	259	4
RQDYR308	259	8
RQDYR340	259	40
RQDYVMNT	257	80
RQDYWADS	257	10
RQDYWADV	257	20
RQDYWAVL	257	8
RQEFBAD	14C	68
RQEFWAIT	14C	64
RQENFPST	275	20
RQERROR	14C	30
RQE70NQI	15F	
RQFCTAD	C	
RQFCTEF	153	10
RQFDALIN	BC	

Table 616. Cross Reference for IATYRSQ (continued)

Name	Offset	Hex Tag
RQFETCH	14C	14
RQFLFS01	159	1
RQFLFS02	159	2
RQFLFS04	159	4
RQFLFS08	159	8
RQFLFS10	159	10
RQFLFS20	159	20
RQFLG1	14F	
RQFLG10	158	
RQFLG11	15C	
RQFLG12	15D	
RQFLG13	15E	
RQFLG2	150	
RQFLG3	151	
RQFLG4	152	
RQFLG5	153	
RQFLG6	154	
RQFLG7	155	
RQFLG8	156	
RQFLG804	156	4
RQFLG9	157	
RQFREND	138	
RQFSAID	2F6	
RQFSFLG	159	
RQFSID	2F4	
RQFSIZE	1AC	1AC
RQFSS	159	80
RQFSSCI	14C	8
RQFSSID	2F4	
RQFXEND	1AC	
RQGETMFL	160	38
RQGMQPOS	30C	
RQGMSEND	330	
RQGMSSIZ	330	60
RQGMSTRT	2D0	
RQGRPCHN	8	
RQGRPPRV	168	
RQGRPRTY	140	
RQGRPSEQ	144	
RQGRSVS1	310	
RQGRSVS2	314	
RQGRSVS3	328	
RQHARD	26B	10
RQHIGHIO	14D	2
RQHOLD	14F	80
RQIEND	301	

Table 616. Cross Reference for IATYRSQ (continued)

Name	Offset	Hex Tag
RQIETYPE	303	40
RQIHOLD	303	20
RQIIJSAM	15B	24
RQIIRES	15B	18
RQINDEX	14C	
RQINJBID	2E4	
RQINTCSP	15D	8
RQINTWT	151	80
RQINTXCF	15E	10
RQIORATE	14D	
RQIPLACT	152	40
RQISFAIL	157	1
RQISOMAR	157	20
RQISTART	300	
RQISTYPE	303	80
RQJAGIUS	0	53
RQJASIUS	0	51
RQJASYM	179	20
RQJBHLD	14F	1
RQJCLASS	149	
RQJCTPTY	147	
RQJCVSY	179	8
RQJDATE	1C0	
RQJDBFDB	BC	
RQJDJETC	13C	80
RQJDJETP	13C	40
RQJDOBLD	1E0	40
RQJDRS01	13C	1
RQJDRS02	13C	2
RQJDRS04	13C	4
RQJDRS08	13C	8
RQJDRS10	13C	10
RQJDRS20	13C	20
RQJDSBOP	13C	
RQJDSCT	12A	
RQJDSEDO	130	
RQJDSFCT	124	
RQJDSFDB	D4	
RQJDSHEN	128	
RQJDSOFF	13A	
RQJDSPRG	157	80
RQJDSPTR	120	
RQJDSREC	138	
RQJESRQ	156	2
RQJFAIL	15A	8
RQJINST	179	4

Table 616. Cross Reference for IATYRSQ (continued)

Name	Offset	Hex Tag
RQJJCLLM	2D0	
RQJJNOT	179	80
RQJMDCDP	0	8A
RQJMDFNC	0	88
RQJMDGMS	0	86
RQJMDHLD	0	81
RQJMDMDP	0	89
RQJMDOFF	0	84
RQJMDRGN	0	82
RQJMDROI	0	85
RQJMDRSC	0	87
RQJMDRST	0	83
RQJMDRSU	0	80
RQJMDSCN	0	8B
RQJMDSMS	0	8C
RQJMGOFF	15E	40
RQJMGPWL	0	8F
RQJMJLNS	0	90
RQJMRFDB	E0	
RQJMSEUD	0	8D
RQJMSEUN	0	8E
RQJMSGLK	15D	1
RQJNENF	179	40
RQJNGIST	0	52
RQJNSIST	0	50
RQJNUM	34	
RQJOBNAM	14	
RQJOBNO	3C	
RQJOBTAT	EC	
RQJOBTK	15C	8
RQJPURG	15B	C
RQJQEADD	134	
RQJRNL	153	40
RQJSARMH	0	57
RQJSCAN	15B	10
RQJSDJCH	0	56
RQJSDUPJ	0	5B
RQJSMCGU	0	5A
RQJSMFDB	194	
RQJSMFLG	179	
RQJSM201	179	1
RQJSM202	179	2
RQJSNDSP	0	59
RQJSNRM	15B	0
RQJSOPRH	0	55
RQJSPTYH	0	54

Table 616. Cross Reference for IATYRSQ (continued)

Name	Offset	Hex Tag
RQJSRSK	15B	4
RQJSS	155	2
RQJSSPLH	0	58
RQJSSPR	15B	8
RQJSTAT	237	
RQJSTCT	26C	
RQJSTDYN	26B	8
RQJSTFDB	C8	
RQJSTLJB	26B	20
RQJSTNWF	26B	80
RQJSYMT	179	10
RQJXCLAS	0	7
RQJXDJCH	0	10
RQJXHOLD	0	E
RQJXIORT	0	3
RQJXLSPN	0	8
RQJXMAIN	0	4
RQJXMAXJ	0	23
RQJXMAXW	0	24
RQJXMDEP	0	6
RQJXMGMN	0	12
RQJXMLMT	0	9
RQJXMNLV	0	F
RQJXMNOF	0	13
RQJXONMN	0	FF
RQJXPMIX	0	A
RQJXRCNS	0	15
RQJXSEUD	0	18
RQJXSEUN	0	19
RQJXSRVM	0	22
RQJXSTOR	0	1
RQJXTDPT	0	14
RQJXTLIM	0	2
RQJXWLRC	0	20
RQJXWSPL	0	16
RQJXW522	0	17
RQJXZERO	0	0
RQLMITMN	157	10
RQLOCATE	150	1
RQLOCMN	2D4	2D4
RQLOWIO	14D	1
RQLREGON	154	4
RQLRL10	15E	80
RQMAINS	10	
RQMAXB	2D4	
RQMAXC	2DC	

Table 616. Cross Reference for IATYRSQ (continued)

Name	Offset	Hex Tag
RQMAXCC	171	
RQMAXL	2D0	
RQMAXNDX	14C	6C
RQMAXP	2D8	
RQMAXRC	170	
RQMAXSIZ	330	330
RQMDALER	262	2
RQMDBKER	262	8
RQMDBRSV	262	20
RQMDBYRS	26B	40
RQMDCTLG	261	80
RQMDERR	260	20
RQMDERRQ	260	4
RQMDFAIL	260	80
RQMDFCB	20C	
RQMDFLG1	260	
RQMDFLG2	261	
RQMDFLG3	262	
RQMDFLG4	263	
RQMDFLG5	264	
RQMDFLG6	26B	
RQMDFLSF	261	20
RQMDFNC	260	2
RQMDFVFY	261	40
RQMDINCL	151	1
RQMDINCR	150	10
RQMDIUV	263	2
RQMDJERR	260	1
RQMDMNT	260	8
RQMDNFNC	262	1
RQMDNOBF	264	2
RQMDPUTF	262	40
RQMDRL	275	40
RQMDRSTE	262	10
RQMDSABN	264	1
RQMDSDJS	263	10
RQMDSDP0	262	4
RQMDSDV1	26E	
RQMDSDV2	270	
RQMDSEND	2D0	
RQMDSJMR	261	2
RQMDSJMS	261	4
RQMDSJST	261	8
RQMDSLCT	260	10
RQMDSREQ	25F	
RQMDSRS	263	1

Table 616. Cross Reference for IATYRSQ (continued)

Name	Offset	Hex Tag
RQMDSRST	151	4
RQMDSRSV	274	
RQMDSRS1	275	
RQMDST	275	80
RQMDSTRT	208	
RQMDSVSZ	2D0	C8
RQMDS101	275	1
RQMDS102	275	2
RQMDS104	275	4
RQMDS108	275	8
RQMDS110	275	10
RQMDVFYE	261	10
RQMDVUNV	260	40
RQMDYACT	263	80
RQMDYJST	263	20
RQMDYNQ	263	40
RQMD3R80	262	80
RQMD4R04	263	4
RQMD4R08	263	8
RQMEDIO	14D	4
RQMINLV	17C	
RQMNAM	2EC	
RQMNETID	2C	
RQMNRQSZ	218	330
RQMNTYPE	14B	2
RQMPIPL	14F	10
RQMPLAST	234	
RQMPSEQ	231	
RQMREQ01	25F	1
RQMREQ02	25F	2
RQMRSVS1	298	
RQMRSVS2	29C	
RQMRSVS3	2A0	
RQMSARIV	308	
RQMSFL1	302	
RQMSFL2	303	
RQMSGRSV	158	20
RQMSVD	151	40
RQMVSTSO	153	1
RQMVTSIZ	22C	
RQMXAB	170	80
RQMXCDE	170	40
RQMXIND	170	
RQNAME	0	D9E2D840
RQNDEX	1D8	
RQNETSRV	303	1

Table 616. Cross Reference for IATYRSQ (continued)

Name	Offset	Hex Tag
RQNEW	150	4
RQNEWAV	15C	40
RQNEXT	4	
RQNFYIPL	157	2
RQNJEDB	15E	1
RQNJESF	15C	10
RQNJESN	15C	80
RQNJETCP	15E	20
RQNOCAN	14F	8
RQNODE	90	
RQNOJLG	15A	1
RQNOMPL	15B	20
RQNOSPN	178	8
RQNOSUB	14C	4
RQNSRQJ	15E	2
RQNSTDGP	154	1
RQNSTEP	148	
RQOLD	150	2
RQONMAIN	14C	38
RQOPRCNT	22A	
RQORGDEF	158	2
RQOSACT	152	1
RQOSBUSY	15C	4
RQOSCLNP	15D	20
RQOSDCNT	1DB	
RQOSDMAX	1DB	3
RQOSDRUP	158	1
RQOSEBF4	1F8	
RQOSEBY	158	80
RQOSECT4	1CC	
RQOSEFDB	108	
RQOSEIOE	15C	1
RQOSELIM	1E0	80
RQOSEND	208	
RQOSESUP	152	2
RQOSFLG1	1E0	
RQOSF101	1E0	1
RQOSF102	1E0	2
RQOSF104	1E0	4
RQOSMF26	158	40
RQOSRQSZ	218	208
RQOSRSRV	1E1	
RQOSRSV2	1E2	
RQOSRSV3	1FC	
RQOSSCHN	156	40
RQOSSCT	1DC	

Table 616. Cross Reference for IATYRSQ (continued)

Name	Offset	Hex Tag
RQOSSTOP	1B4	
RQOSSTRT	1AC	
RQOSSWS	155	4
RQOSTYPE	14B	3
RQOSVSIZ	208	5C
RQOSWAIT	14C	58
RQOTREQ	25D	
RQOUSID	1C	
RQOUTPT	14C	50
RQOUTQUE	14C	54
RQPERFRM	2E8	
RQPFSAID	2DA	
RQPFSSID	2D8	
RQPOE	98	
RQPOSTCN	155	1
RQPREV	164	
RQPRFSID	2D8	
RQPROC	2DC	
RQPRONLY	152	8
RQPRTY	140	141
RQPSCBAT	14C	C
RQPSCDSL	14C	10
RQPSTPSO	14F	4
RQPURGE	154	10
RQPURGP	153	8
RQRCEAD	12C	
RQRECLAS	302	2
RQREGFS	2A2	
RQREGLG	2A5	
RQREQEND	260	
RQREQLEN	25E	4
RQREQST	25B	
RQRESTRT	14C	48
RQRJPJB	153	20
RQRQJID	154	2
RQRQMVNA	26B	2
RQRSCNS	152	4
RQRSRVD2	B8	
RQRSRVD4	13D	
RQRSRVD5	16C	
RQRSTAL	264	20
RQRSTCI	264	40
RQRSTOS	15C	20
RQRSVD2	146	
RQRSVD4	17A	
RQRSVD6	180	

Table 616. Cross Reference for IATYRSQ (continued)

Name	Offset	Hex Tag
RQRSVD7	184	
RQRSVU	1A0	
RQRUNCMD	303	8
RQS	210	
RQSAMNAM	154	20
RQSAPI	151	10
RQSAPSEE	1F0	
RQSBOWN	15C	2
RQSCHEMM	2B8	
RQSCHENV	2A8	
RQSCHSPA	265	
RQSCRREF	151	8
RQSCTOD	B0	
RQSECBL	A0	
RQSELECT	14C	34
RQSELWLM	302	1
RQSESEQ	145	
RQSETUP	150	20
RQSETVER	A8	
RQSLINE	178	10
RQSMSCN	264	8
RQSMSERR	264	4
RQSMSMDS	264	10
RQSMSRL	218	
RQSMSRSC	15B	1C
RQSMSVLE	26B	1
RQSOMAR	157	40
RQSPFLG	178	
RQSPFL1	15A	
RQSPIN	178	80
RQSPINJN	15D	10
RQSPMS	15A	80
RQSPNCH	1B0	
RQSPNCHN	156	8
RQSPNDX	13E	
RQSPNPRV	1C8	
RQSPNREQ	156	1
RQSPRST	15A	10
RQSPT1MS	15A	40
RQSPT2MS	15A	20
RQSPVLU	174	
RQSRSERV	264	80
RQSRVCIP	302	4
RQSRVCLQ	302	8
RQSRVCLS	2BC	
RQSRVCMD	303	10

Table 616. Cross Reference for IATYRSQ (continued)

Name	Offset	Hex Tag
RQSRVUPN	303	4
RQSTART	0	
RQSTEPNM	2F8	
RQSTIMD	178	20
RQSTIMI	178	40
RQSTPNO	233	
RQSTRKG1	142	
RQSTRKG2	143	
RQSTSIZE	2E4	0
RQSUDAO	152	80
RQSUPRS	178	4
RQSVRES	26B	4
RQSWTRCT	1BC	
RQSYMT	2E0	0
RQSYSSEL	14C	1C
RQSYSTEM	14A	
RQSYSVER	14C	2C
RQTAREQ	25C	
RQTCPMAP	1D4	
RQTERM	14C	40
RQTGRPI	1E4	
RQTGRPMP	1E0	10
RQTIMEON	2E0	
RQTKNAD	1E8	
RQTOKEN	40	
RQTSOCAN	15A	2
RQTUSID	24	
RQTYPE	14B	
RQUSRJB	14F	2
RQVERIFY	14C	28
RQVFYCNT	228	
RQVFYPDG	25F	10
RQVLACTD	290	
RQVLACTJ	294	
RQVLFCTD	288	
RQVLFCTJ	28C	
RQVLMONT	259	80
RQVOLUAV	14C	24
RQVOLWT	14C	18
RQVSREQ	152	10
RQVS2SIZ	22E	
RQVUREQ	25E	
RQWISEQ	318	
RQWLMCTK	2C4	
RQWSIMAX	1D0	
RQWSIRST	1E0	8

Table 616. Cross Reference for IATYRSQ (continued)

Name	Offset	Hex Tag
RQWSRMTK	2C8	
RQWTR	14C	3C
RQWTRCH	156	20
RQWTRCHN	1AC	
RQWTRPRV	1C4	
RQXBKHLD	14F	20
RQYEARON	304	

IATYRWA information

IATYRWA heading information

Common name: RJP Work Area

Macro ID: IATYRWA

DSECT name: RWASTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: NONE

Storage attributes: Main Storage: Any

Size: 200 bytes

Created by: IATRJPC

Pointed to by: R13 in IATRJPC

Serialization: NONE

Function: Maps the work area for the RJPCONS FCT, IATRJPC.

IATYRWA mapping

Table 617. Structure RWASTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	RWASTART	
0	(0)	CHARACTER	4	RWAID	Work area id
4	(4)	ADDRESS	4	RWAMDB	Address of MDB CADS buffer
8	(8)	SIGNED	4	RWAMDBLN	Length of MDB CADS buffer
12	(C)	ADDRESS	4	RWAALET	MDB ALET
16	(10)	ADDRESS	4	RWARMEA	RME Anchor from RJGR "MDBR"
20	(14)	CHARACTER	8	RWANAME	RJP workstation name
28	(1C)	CHARACTER	8	RWATYPE	RJP workstation type
36	(24)	BITSTRING	1	RWALNLEN	Line length
37	(25)	BITSTRING	1	RWARSVD1	Reserved for service
38	(26)	BITSTRING	1	RWAFLAG1	Flag byte 1
		Flag byte 1 definition.			
		1...		RWARCERR	"X'80'" Recursion flag
		.1..		RWABSC	"X'40'" Message for BSC RJP
		..1.		RWASWTCH	"X'20'" Console switch flag
		...1		RWAAWAIT	"X'10'" Time to force AWAIT

Table 617. Structure RWASTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		RWASVMSG	"X'08'" Msg s/b saved if offline
		.... .1..		RWAARMD	"X'04'" Show in AR mode
		.... ..1.		RWAJGETM	"X'02'" Show RWA storage obtained in JESTAE retry routine
	EQU X'01'	Reserved for service			
39	(27)	BITSTRING	1	RWAFLAG2	Flag byte 2
	Flag byte 2 definition. EQU X'80' Reserved for service EQU X'40' Reserved for service EQU X'20' Reserved for service EQU X'10' Reserved for service EQU X'08' Reserved for service EQU X'04' Reserved for service EQU X'02' Reserved for service EQU X'01' Reserved for service				
40	(28)	SIGNED	4	RWARETCD	Return code savearea (GROCO)
44	(2C)	SIGNED	4	RWAREACD	Reason code savearea (GROCO)
48	(30)	SIGNED	4	RWAMRTCD	Return code savearea (RJGR)
52	(34)	SIGNED	4	RWAMRACD	Reason code savearea (RJGR)
56	(38)	SIGNED	4	(0)	Parmlist Alignment
56	(38)	BITSTRING	12	RWAXPARM(0)	Parameter list for call to IATGROCO (IXZXCNSV)
56	(38)	SIGNED	4	RWAPARM1	MDB pointer
60	(3C)	SIGNED	4	RWAPARM2	ALET pointer
64	(40)	SIGNED	4	RWAPARM3	Data Area pointer
68	(44)	SIGNED	4	(0)	
68	(44)	BITSTRING	8	RWARJGRP	IATRJGR Module Parameter List
76	(4C)	SIGNED	4	(0)	
76	(4C)	BITSTRING	20	RWAMSGPM	Parameter list for message conversion routine ("TXTF" operation of IATRJGR)
96	(60)	SIGNED	4	(0)	
96	(60)	BITSTRING	12	RWAMDBRP	Parameter list for MDB Release CADs buffer(s) ("MDBR" operation of IATRJGR)
108	(6C)	SIGNED	4	RWARSVD2(2)	Reserved for service
116	(74)	SIGNED	4	RWAS1END(0)	
116	(74)	X'70'	0	RWAS1SIZ	"RWAS1END-RWAMDB" Length of area to clear for newly obtained chained MDB
116	(74)	SIGNED	4	RWARSVD3(2)	Reserved for service
124	(7C)	SIGNED	2	RWAQCNT	Number of MDBs processed from JESXCF without giving up control
126	(7E)	BITSTRING	1	RWAFLAG3	Flag byte 3
	Flag byte 3 definition.				
		1...		RWABSCWQ	"X'80'" BSC work queued
		.1..		RWASNAWQ	"X'40'" SNA work queued

Table 617. Structure RWASTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		EQU X'20' Reserved for service EQU X'10' Reserved for service EQU X'08' Reserved for service EQU X'04' Reserved for service EQU X'02' Reserved for service EQU X'01' Reserved for service Failure Flag			
127	(7F)	BITSTRING	1	RWAFTYPE	Failure type
127	(7F)	X'80'	0	RWAFDSP	"FSWFDSP" FAILDSP macro call
127	(7F)	X'40'	0	RWAABEND	"FSWABEND" System abend failure
127	(7F)	X'20'	0	RWAPGMCK	"FSWPGMCK" Program check failure
127	(7F)	X'10'	0	RWAUABND	"FSWUABND" User abend failure
127	(7F)	X'8'	0	RWAAUXAB	"FSWAUXAB" IATAUX Task failure
128	(80)	CHARACTER	5	RWAABXXX	FAILDSP EBCDIC dump code
133	(85)	BITSTRING	1	RWARSVD4(3)	Reserved for service
136	(88)	SIGNED	4	RWAS2END(0)	
136	(88)	X'84'	0	RWAS2SIZ	"RWAS2END-RWAMDB" Length of area to clear after JESXCF POST or POSTING of BSC/SNA RJP
136	(88)	SIGNED	4	RWARSVD5(2)	Reserved for service
144	(90)	SIGNED	4	RWAINFLN	Size of JESXCF info-record data area to AGETMAIN
148	(94)	ADDRESS	4	RWAINFAD	Address of AGETMAINed JESXCF info-record data area
152	(98)	CHARACTER	4	RWAMDBTK	MDB group token
156	(9C)	SIGNED	4	RWATMVAL	1 second timer value
160	(A0)	SIGNED	2	RWAQMAX	Max number of MDBs obtained from JESXCF before giving up control
162	(A2)	SIGNED	2	RWARSVD6	Reserved for service
		Internal trace to provide footprints of RJPC processing.			
164	(A4)	BITSTRING	248	RWATRACE	Internal trace
164	(A4)	X'A'	0	RWAC1000	"10" Trace element
164	(A4)	X'B'	0	RWAC1100	"11" Trace element
164	(A4)	X'14'	0	RWAC2000	"20" Trace element
164	(A4)	X'1E'	0	RWAC3000	"30" Trace element
164	(A4)	X'28'	0	RWAC4000	"40" Trace element
164	(A4)	X'29'	0	RWAC4100	"41" Trace element
164	(A4)	X'32'	0	RWAC5000	"50" Trace element
164	(A4)	X'33'	0	RWAC5100	"51" Trace element
164	(A4)	X'34'	0	RWAC5200	"52" Trace element
164	(A4)	X'35'	0	RWAC5300	"53" Trace element
164	(A4)	X'36'	0	RWAC5400	"54" Trace element
164	(A4)	X'37'	0	RWAC5500	"55" Trace element
164	(A4)	X'50'	0	RWAC8000	"80" Trace element
164	(A4)	X'64'	0	RWAJSTAE	"100" Trace element
164	(A4)	X'78'	0	RWAJRTRY	"120" Trace element
164	(A4)	X'4'	0	RWASWCDE	"4" Console switch reason code

Table 617. Structure RWASTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
				List form of the ATIME macro. NAPTIME ATIME MF=L ATIME list form $TP= z2.3.0 HJS77B0 170222 PD0TN: z 2.3.0	
412	(19C)	SIGNED	4	(0)	ALIGNMENT
412	(19C)	BITSTRING	4	NAPTIME	ID
416	(1A0)	SIGNED	4		TIME OR TOD VALUE
420	(1A4)	ADDRESS	4		ECF OR ENTER ADDRESS
424	(1A8)	ADDRESS	1		FLAG BYTE1
425	(1A9)	ADDRESS	1		FLAG BYTE2
426	(1AA)	ADDRESS	1		ECF MASK FOR POST REQUEST
427	(1AB)	ADDRESS	1		Flag byte 3
428	(1AC)	ADDRESS	4		FCT ADDRESS
432	(1B0)	SIGNED	4	RWAEND(0)	
432	(1B0)	X'1B0'	0	RWASIZE	"RWAEND-RWASTART" Length of RWA data area

Table 618. Structure PARMLIST

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	PARMLIST	
0	(0)	CHARACTER	8	CONSNAME	
8	(8)	BITSTRING	1	CONSFLAG	
		1...		LASTENTR	"X'80'"
		.1..		ALERTCON	"X'40'"
		..1.		RELIEF	"X'20'"
9	(9)	BITSTRING	1	CONSTYPE	
9	(9)	X'1'	0	BSCTYPE	"1"
9	(9)	X'2'	0	SNATYPE	"2"
10	(A)	BITSTRING	2	CONSRSVD	
10	(A)	X'C'	0	PARMLEN	"*-PARMLIST"

Table 619. Cross Reference for IATYRWA

Name	Offset	Hex Tag
ALERTCON	8	40
BSCTYPE	9	1
CONSFLAG	8	
CONSNAME	0	
CONSRSVD	A	
CONSTYPE	9	
LASTENTR	8	80
NAPTIME	19C	0
PARMLEN	A	C
PARMLIST	0	
RELIEF	8	20
RWAABEND	7F	40
RWAABXXX	80	F0F04040

Table 619. Cross Reference for IATYRWA (continued)

Name	Offset	Hex Tag
RWAALET	C	
RWAARMD	26	4
RWAAUXAB	7F	8
RWAAWAIT	26	10
RWABSC	26	40
RWABSCWQ	7E	80
RWAC1000	A4	A
RWAC1100	A4	B
RWAC2000	A4	14
RWAC3000	A4	1E
RWAC4000	A4	28
RWAC4100	A4	29
RWAC5000	A4	32
RWAC5100	A4	33
RWAC5200	A4	34
RWAC5300	A4	35
RWAC5400	A4	36
RWAC5500	A4	37
RWAC8000	A4	50
RWAEND	1B0	
RWAFDSP	7F	80
RWAFLAG1	26	0
RWAFLAG2	27	0
RWAFLAG3	7E	0
RWAFTYPE	7F	0
RWAID	0	D9E6C140
RWAINFAD	94	
RWAINFLN	90	0
RWAJGETM	26	2
RWAJRTRY	A4	78
RWAJSTAE	A4	64
RWALNLEN	24	0
RWAMDB	4	
RWAMDBLN	8	0
RWAMDBRP	60	
RWAMDBTK	98	40404040
RWAMRACD	34	0
RWAMRTCD	30	0
RWAMSGPM	4C	
RWANAME	14	40404040
RWAPARM1	38	
RWAPARM2	3C	
RWAPARM3	40	
RWAPGMCK	7F	20
RWAQCNT	7C	0
RWAQMAX	A0	19

Table 619. Cross Reference for IATYRWA (continued)

Name	Offset	Hex Tag
RWARCERR	26	80
RWAREACD	2C	0
RWARETCD	28	0
RWARJGRP	44	
RWARMEA	10	
RWARSVD1	25	0
RWARSVD2	6C	0
RWARSVD3	74	0
RWARSVD4	85	0
RWARSVD5	88	0
RWARSVD6	A2	0
RWASIZE	1B0	1B0
RWASNAWQ	7E	40
RWASTART	0	
RWASVMSG	26	8
RWASWCDE	A4	4
RWASWTCH	26	20
RWAS1END	74	
RWAS1SIZ	74	70
RWAS2END	88	
RWAS2SIZ	88	84
RWATMVAL	9C	64
RWATRACE	A4	0
RWATYPE	1C	40404040
RWAUABND	7F	10
RWAXPARM	38	
SNATYPE	9	2

IATYSCB information

IATYSCB programming interface information

IATYSCB is a programming interface.

IATYSCB heading information

Common name: JESTAE CONTROL BLOCK

Macro ID: IATYSCB

DSECT name: SCBSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Main Storage: Space for one SCB is defined within each FCT entry and each SAVCHAIN entry (IATYSAV). Additional SCB's are GETMAINED from JES3 private area SUBPOOL 0.
Virtual Storage: Private Any
Auxiliary Storage: N/A
Subpool: 0
Key: 1
Residency: Any

Size: 16 Bytes

Created by: IATABMN

Pointed to by: SCBLAST (IATYSCB)

Serialization: N/A

Function: This control block stores JES3 JESTAE information

IATYSCB mapping

Table 620. Structure SCBSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SCBSTART	
0	(0)	SIGNED	4	SCBLAST	- ADDRESS OF LAST JESTAE CONTROL BLOCK
4	(4)	SIGNED	4	SCBEXIT	- JESTAE EXIT ROUTINE ADDRESS
8	(8)	SIGNED	4	SCBPARAM	- JESTAE PARAM LIST ADDRESS
12	(C)	SIGNED	4	SCBSYMEX	- JESTAE SYMPTOM EXIT ADDRESS
16	(10)	SIGNED	4	SCBEND(0)	- END OF JESTAE CONTROL BLOCK
16	(10)	BITSTRING	1	SCBSIZE(0)	SIZE OF SCB = L'SCBSIZE

IATYSDA information

IATYSDA heading information

Common name: JES3 Statistics Data Area

Macro ID: IATYSDA

DSECT name: SDASTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: SDA
Offset: 0
Length: 4

Storage attributes: Main Storage: Any
Subpool: 241
Key: 1

Size: SDASIZE bytes

Created by: Issuer of IATXSTAT INITIALIZE

Pointed to by: SVTSDA in IATYSVT
SDAHINIT in IATYSDA
SDAHRSTR in IATYSDA
SDAHOUTS in IATYSDA
SDAHWLM in IATYSDA
SDAHUSR1 in IATYSDA
SDAHUSR2 in IATYSDA
SDAHUSR3 in IATYSDA
SDAHUSR4 in IATYSDA
SDAHUSR5 in IATYSDA

Serialization: NONE

Function: This macro maps the JES3 Statistics Data Area (SDA) that is used to collect information about different functions and events in JES3 (e.g. the amount of time spent in a particular phase of initialization). The SDA consists of a header and multiple function dependent extensions pointed to out of the header. The function dependent extensions contain information that is specific to a particular function (e.g. all initialization related information).

IATYSDA mapping

Table 621. Structure SDAHSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SDAHSTRT	, Statistics Data Area Header
0	(0)	CHARACTER	4	SDAHID	Control Block Id
		JES3 function specific SDA extension pointers.			
4	(4)	SIGNED	4	SDAHXSTR(0)	Start of function specific SDA extension pointers
4	(4)	ADDRESS	4	SDAHINIT	Address of SDA entry for initialization related information
8	(8)	ADDRESS	4	SDAHRSTR	Address of SDA entry for restart (connect) related information information
12	(C)	ADDRESS	4	SDAHOUTS	Address of SDA entry for output service related information information
16	(10)	ADDRESS	4	SDAHWLM	Address of SDA entry for Workload manager related information information
20	(14)	ADDRESS	4	SDAHRSVD(19)	Reserved for development
		User related SDA extension pointers.			
96	(60)	ADDRESS	4	SDAHUSR1	Address of SDA entry for user-1 related information
100	(64)	ADDRESS	4	SDAHUSR2	Address of SDA entry for user-2 related information
104	(68)	ADDRESS	4	SDAHUSR3	Address of SDA entry for user-3 related information
108	(6C)	ADDRESS	4	SDAHUSR4	Address of SDA entry for user-4 related information
112	(70)	ADDRESS	4	SDAHUSR5	Address of SDA entry for user-5 related information
116	(74)	ADDRESS	4	SDAHRSVU(5)	Reserved for user
		Total number of function specific SDA extension pointers.			
136	(88)	ADDRESS	4	SDAHXEND(0)	End of pointers
136	(88)	X'21'	0	SDAHXCNT	"(SDAHXEND-SDAHXSTR)/4" Number of pointers
136	(88)	DBL WORD	8	SDAHEND(0)	End of SDA Header
136	(88)	X'88'	0	SDAHSIZE	"SDAHEND-SDAHSTRT" Size of SDA Header

Table 622. Structure SDAENTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SDAENTRY	, Statistics Data Area Entry
0	(0)	CHARACTER	4	SDAID	Control Block Id
4	(4)	SIGNED	2	SDAVERSN	Version number
6	(6)	SIGNED	2	SDAERSV1	Reserved for development
8	(8)	SIGNED	4	SDADLEN	Length of data entry including fixed portion
12	(C)	CHARACTER	32	SDADESC	Function description
44	(2C)	SIGNED	4	SDAERSV2(5)	Reserved for development

Table 622. Structure SDAENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
64	(40)	DBL WORD	8	SDAFEND(0)	End of SDA fixed entry
64	(40)	X'40'	0	SDAFSIZE	"SDAFEND-SDAENTRY" Size of SDA fixed entry
		Function Dependent Data. This data follows the end of the fixed portion of the SDA entry. Statistics Data Area Entry for Initialization Related Information 01 Change Activity: $RW=WLMBATCH HJS6608 980518 PD0DR: OS 2.8.0 Storage Location and Version Information.			
64	(40)	X'1'	0	SDA_INIT_SLOC_PRIVATE	"1" Data located in JES3 private
64	(40)	X'1'	0	SDA_INIT_VERSION1	"1" Initial version
64	(40)	X'1'	0	SDA_INIT_CURRENT_VERSION	"SDA_INIT_VERSION1" Current version number
		JES3 Initialization Specific Information.			
64	(40)	DBL WORD	8	SDA_INIT(0)	Start of function specific information
		JES3 Initialization Options.			
64	(40)	BITSTRING	1	SDA_INIT_START_TYPE	JES3 start type. See field TVRSTFLG for the flag definitions.
65	(41)	BITSTRING	1	SDA_INIT_SPOOL_STATUS	Spool status (see field TVTSPFLG for the flag definitions.
		JES3 Initialization Time Stamps.			
72	(48)	DBL WORD	8	SDA_INIT_TIMES(0)	Align time stamps on a doubleword boundary
		JES3 Initialization Times. This represents the time from when the IATNUC task gets control in IATINIT to the time the IAT3100 JES3 start message is issued.			
72	(48)	DBL WORD	8	SDA_INIT_START_TIME	Start time
80	(50)	DBL WORD	8	SDA_INIT_END_TIME	End time
		JES3 I/O Statement Processing Times (IATINIC). This is a subset of the JES3 initialization time. It includes not only the time to process the I/O related initialization statements, but the time to open JES3 data sets such as JES3IN, and the time to determine the addresses of the JES3 LPA modules.			
88	(58)	DBL WORD	8	SDA_INIT_IOSTMT_START_TIME	Start time
96	(60)	DBL WORD	8	SDA_INIT_IOSTMT_END_TIME	End time
		JCT Initialization Times (IATINJQ). This is a subset of the JES3 initialization time.			
104	(68)	DBL WORD	8	SDA_INIT_JCT_START_TIME	Start time
112	(70)	DBL WORD	8	SDA_INIT_JCT_END_TIME	End time
		Single Track Table Initialization Times (IATINST). This is a subset of the JES3 initialization time.			
120	(78)	DBL WORD	8	SDA_INIT_STT_START_TIME	Start time
128	(80)	DBL WORD	8	SDA_INIT_STT_END_TIME	End time

Table 622. Structure SDAENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		Job Validation Times (IATINJR). This is a subset of the JES3 initialization time.			
136	(88)	DBL WORD	8	SDA_INIT_JOBVAL_START_TIME	Start time
144	(90)	DBL WORD	8	SDA_INIT_JOBVAL_END_TIME	End time
		Initialization Statement Processing Times (IATINCD). This is a subset of the JES3 initialization time.			
152	(98)	DBL WORD	8	SDA_INIT_INITSTMT_START_TIME	Start time
160	(A0)	DBL WORD	8	SDA_INIT_INITSTMT_END_TIME	End time
		Control Block Build Phase Times (IATINGN). This is a subset of the JES3 initialization time.			
168	(A8)	DBL WORD	8	SDA_INIT_CBBUILD_START_TIME	Start time
176	(B0)	DBL WORD	8	SDA_INIT_CBBUILD_END_TIME	End time
		RJP Initialization Phase Times. This is a subset of the control block build time.			
184	(B8)	DBL WORD	8	SDA_INIT_RJP_START_TIME	Start time
192	(C0)	DBL WORD	8	SDA_INIT_RJP_END_TIME	End time
		SUPUNITS Initialization Phase Times. This is a subset of the control block build time.			
200	(C8)	DBL WORD	8	SDA_INIT_SUPUNITS_START_TIME	Start time
208	(D0)	DBL WORD	8	SDA_INIT_SUPUNITS_END_TIME	End time
		Main Initialization Phase Times (IATINM2). This is a subset of the control block build time.			
216	(D8)	DBL WORD	8	SDA_INIT_MAIN_START_TIME	Start time
224	(E0)	DBL WORD	8	SDA_INIT_MAIN_END_TIME	End time
		WLM Initialization Phase Times (IATINWLM) This is a subset of the control block build time.			
232	(E8)	DBL WORD	8	SDA_INIT_WLM_START_TIME	Start time
240	(F0)	DBL WORD	8	SDA_INIT_WLM_END_TIME	End time
		MDS Initialization Phase Times (IATINMD). This is a subset of the control block build time.			
248	(F8)	DBL WORD	8	SDA_INIT_MDS_START_TIME	Start time
256	(100)	DBL WORD	8	SDA_INIT_MDS_END_TIME	End time
		Vary Initialization Phase Times (IATINVR). This is a subset of the control block build time.			
264	(108)	DBL WORD	8	SDA_INIT_VARY_START_TIME	Start time
272	(110)	DBL WORD	8	SDA_INIT_VARY_END_TIME	End time

Table 622. Structure SDAENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		Consoles Initialization Phase Times (IATINC2). This is a subset of the control block build time.			
280	(118)	DBL WORD	8	SDA_INIT_CONSOLES_START_TIME	Start time
288	(120)	DBL WORD	8	SDA_INIT_CONSOLES_END_TIME	End time
		JSS Restart Times (IATINJS). This is a subset of the JES3 initialization time.			
296	(128)	DBL WORD	8	SDA_INIT_JSSREST_START_TIME	Start time
304	(130)	DBL WORD	8	SDA_INIT_JSSREST_END_TIME	End time
		JCT Data Set Information.			
312	(138)	SIGNED	4	SDA_INIT_JCT_LOWREC	Low record number in the JCT data set
316	(13C)	SIGNED	4	SDA_INIT_JCT_HIGHREC	High record number in the JCT data set
320	(140)	SIGNED	4	SDA_INIT_JCT_VALREC	Last record number in JCT data set that contains a job
324	(144)	SIGNED	2	SDA_INIT_JCT_RECTRK	Number of JCT records per track
		Job Validation Information. Job counts.			
328	(148)	SIGNED	4	SDA_INIT_TOTAL_JOBS	Total number of jobs in the queue
332	(14C)	SIGNED	4	SDA_INIT_DJC_JOBS	Total number of DJC jobs in the queue
336	(150)	SIGNED	4	SDA_INIT_MAIN_JOBS	Total number of jobs active in the main scheduler element
340	(154)	SIGNED	4	SDA_INIT_OUTSERV_JOBS	Total number of jobs active in the output service scheduler element
344	(158)	SIGNED	4	SDA_INIT_OTHER_JOBS	Total number of jobs active in some other scheduler element
		Job Validation I/O Services (IATXVIO) Information.			
348	(15C)	SIGNED	4	SDA_INIT_XVIO_INITIATE_COUNT	The number of IATXVIO INITIATE requests that were issued where I/O needed to be initiated
352	(160)	SIGNED	4	SDA_INIT_XVIO_BUFFER_COUNT	The number of buffers that were read or written using IATXVIO services
356	(164)	SIGNED	4	SDA_INIT_XVIO_IATXSIO_COUNT	The number of IATXSIO's that were issued
		Control Block Counts.			
360	(168)	SIGNED	4	SDA_INIT_JDAB_READS	The number of JDAB buffers that were read
364	(16C)	SIGNED	4	SDA_INIT_JDAB_WRITES	The number of JDAB buffers that were written
368	(170)	SIGNED	4	SDA_INIT_JMR_READS	The number of JMR buffers that were read
372	(174)	SIGNED	4	SDA_INIT_JMR_WRITES	The number of JMR buffers that were written

Table 622. Structure SDAENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
376	(178)	SIGNED	4	SDA_INIT_JDS_READS	The number of JDS buffers that were read
380	(17C)	SIGNED	4	SDA_INIT_JDS_WRITES	The number of JDS buffers that were written
384	(180)	SIGNED	4	SDA_INIT_TAT_READS	The number of TAT buffers that were read
388	(184)	SIGNED	4	SDA_INIT_JCT_WRITES	The number of JCT buffers that were written
392	(188)	SIGNED	4	SDA_INIT_DSTAT_COUNT	The number of data set TATs that were processed. This count represents the number of JDS entries that contain a data set TAT, NOT the number of data set TAT buffers.
	Miscellaneous Statistics.				
396	(18C)	SIGNED	4	SDA_INIT_LPAMOD_COUNT	The number of LPA modules that changed during a restart without IPL
	End of function specific data.				
400	(190)	DBL WORD	8	SDA_INIT_END(0)	End of function specific data
400	(190)	X'150'	0	SDA_INIT_FSPEC_SIZE	"SDA_INIT_END-SDA_INIT" Size of function specific data
400	(190)	X'190'	0	SDA_INIT_TOTAL_SIZE	"SDA_INIT_FSPEC_SIZE+SDAFSIZE" Total size of SDA entry (fixed and function specific data)
	Statistics Data Area Entry for Restart (Connect) Related Information 01 Change Activity: $R0=RSTPERF HJS6604 951101 PD0DR: OS 2.4.0 Storage Location and Version Information.				
400	(190)	X'1'	0	SDA_RESTART_SLOC_PRIVATE	"1" Data located in JES3 private
400	(190)	X'1'	0	SDA_RESTART_VERSION1	"1" Initial version
400	(190)	X'1'	0	SDA_RESTART_CURRENT_VERSION	"SDA_RESTART_VERSION1" Current version number
	Start of Restart Specific Information.				
64	(40)	DBL WORD	8	SDA_RESTART(0)	Start of function specific information
	S,JSS Time. Before MDS restart or connect can occur, S,JSS must be issued.				
64	(40)	DBL WORD	8	SDA_RESTART_START_JSS_TIME	*S,JSS time
	MDS Restart Information. MDS restart occurs only on the JES3 global processor and must complete before connect can occur.				
72	(48)	DBL WORD	8	SDA_RESTART_MDSREST_START_TIME	Start time
80	(50)	DBL WORD	8	SDA_RESTART_MDSREST_END_TIME	End time
88	(58)	SIGNED	4	SDA_RESTART_MDSREST_JOB_COUNT	Number of jobs

Table 622. Structure SDAENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
92	(5C)	SIGNED	4	SDA_RESTART_MDSREST_RSVD	Reserved field
				Connect Related Information. Connect Start and End Times. For global connect, this is the time that IATMSR1 first gets control to the time when IATMSR3 completes its processing. For local connect, this is the time that IATMSR2 first gets control on the global to the time when IATMSR2 completes its processing. It does not include IATMSR1 or IATMSR3 processing since this takes place on the local processor.	
96	(60)	DBL WORD	8	SDA_RESTART_CONNECT_START_TIME(0)	Start time
352	(160)	DBL WORD	8	SDA_RESTART_CONNECT_END_TIME(0)	End time
				MDS Initial Verify Times. For the global processor, the initial verify time is a subset of the total connect time. For local processors, the connect start time may actually appear before the connect start time since IATMSR1 (running on the local) kicks off initial verify processing for local processors, and this will occur before IATMSR2 gets control on the global to process the local connect.	
608	(260)	DBL WORD	8	SDA_RESTART_IVERIFY_START_TIME(0)	Start time
864	(360)	DBL WORD	8	SDA_RESTART_IVERIFY_END_TIME(0)	End time
				GMS Restart Information. GMS restart is a subset of the total connect time.	
1120	(460)	DBL WORD	8	SDA_RESTART_GMSREST_START_TIME(0)	Start time
1376	(560)	DBL WORD	8	SDA_RESTART_GMSREST_END_TIME(0)	End time
1632	(660)	SIGNED	4	SDA_RESTART_GMSREST_JOB_COUNT(0)	Number of jobs processed
				Work-To-Do Driver Demand Select Cancel Times. This is a subset of the total connect time and is only recorded when the connecting processor has been IPLed.	
1760	(6E0)	DBL WORD	8	SDA_RESTART_WTDCANC_START_TIME(0)	Start time
2016	(7E0)	DBL WORD	8	SDA_RESTART_WTDCANC_END_TIME(0)	End time
				End of function specific data.	
2272	(8E0)	DBL WORD	8	SDA_RESTART_END(0)	End of function specific data
2272	(8E0)	X'8A0'	0	SDA_RESTART_FSPEC_SIZE	"SDA_RESTART_END-SDA_RESTART" Size of function specific data
2272	(8E0)	X'8E0'	0	SDA_RESTART_TOTAL_SIZE	"SDA_RESTART_FSPEC_SIZE+SDAFSIZE" Total size of SDA entry (fixed and function specific data)

Table 622. Structure SDAENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		Statistics Data Area Entry for Output Service Related Information 01 Change Activity: $R0=RSTPERF HJS6604 970314 PD0DR: OS 2.4.0 Storage Location and Version Information.			
2272	(8E0)	X'1'	0	SDA_OUTSERV_SLOC_PRIVATE	"1" Data located in JES3 private
2272	(8E0)	X'1'	0	SDA_OUTSERV_VERSION1	"1" Initial version
2272	(8E0)	X'1'	0	SDA_OUTSERV_CURRENT_VERSION	"SDA_OUTSERV_VERSION1" Current version number
		JES3 Output Service Specific Information			
64	(40)	DBL WORD	8	SDA_OUTSERV(0)	Start of function specific information
		Output Service Restart Times.			
64	(40)	DBL WORD	8	SDA_OUTSERV_RESTART_START_TIME	Start time
72	(48)	DBL WORD	8	SDA_OUTSERV_RESTART_END_TIME	End time
		End of function specific data.			
80	(50)	DBL WORD	8	SDA_OUTSERV_END(0)	End of function specific data
80	(50)	X'10'	0	SDA_OUTSERV_FSPEC_SIZE	"SDA_OUTSERV_END-SDA_OUTSERV" Size of function specific data
80	(50)	X'50'	0	SDA_OUTSERV_TOTAL_SIZE	"SDA_OUTSERV_FSPEC_SIZE+SDAFSIZE" Total size of SDA entry (fixed and function specific data)
		Statistics Data Area Entry for Workload Manager Related Information 01 Change Activity: $SF= z1.4.0 HJS7707 020129 PD0VW: z 1.4.0 0 Storage Location and Version Information.			
2272	(8E0)	X'1'	0	SDA_WLM_SLOC_PRIVATE	"1" Data located in JES3 private
2272	(8E0)	X'1'	0	SDA_WLM_VERSION1	"1" Initial version
2272	(8E0)	X'1'	0	SDA_WLM_CURRENT_VERSION	"SDA_WLM_VERSION1" Current version number
		JES3 WLM Specific Information.			
64	(40)	DBL WORD	8	SDA_WLM(0)	Start of function specific information
		Sampling Statistics.			
64	(40)	SIGNED	4	SDA_WLM_SAMPLE_COUNT	Number of samples processed processed (i.e the number of times the WLM subtask was posted for sampling)
68	(44)	SIGNED	4	SDA_WLM_IWMBSMP_COUNT	Number of samples passed to WLM via the IWMBSMP macro on this system
72	(48)	SIGNED	4	SDA_WLM_LCLSEND_COUNT(0)	

Table 622. Structure SDAENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
				Number of times data was sent from the global to a particular local processor	
200	(C8)	SIGNED	4	SDA_WLM_IWMBRIP_COUNT	Number of IWMBRIP requests that were issued for this system
204	(CC)	SIGNED	4	SDA_WLM_SLEEP_COUNT	Number of samples the WLM went into sleep mode
208	(D0)	SIGNED	4	SDA_WLM_SLOWDOWN_COUNT	Number of samples the WLM was in or went into slow down mode
212	(D4)	SIGNED	4	SDA_WLM_SAMPDISC_COUNT	Number of sampling messages that were discarded on the local (e.g. because there was more than one message in the mailbox)
		WLM Initiator Deselection Statistics.			
216	(D8)	SIGNED	4	SDA_WLM_DSELNJOB_COUNT(0)	
				Number of initiator deselect requests where no job was being processed by the initiator	
344	(158)	SIGNED	4	SDA_WLM_DSELJOB_COUNT(0)	
				Number of initiator deselect requests where a job was being processed by the initiator	
		Delay Checkpointing Statistics.			
472	(1D8)	SIGNED	4	SDA_WLM_DELAYSCAN_COUNT	Number of delay checkpointing job queue scans that were performed
476	(1DC)	SIGNED	4	SDA_WLM_DELAYJOB_COUNT	Number of jobs that were updated as a result of the delay scans
		Policy Change and Reclassification Statistics.			
480	(1E0)	SIGNED	4	SDA_WLM_POLICYCHG_COUNT	Number of WLM policy change requests processed
484	(1E4)	SIGNED	4	SDA_WLM_POLICYJOB_COUNT	Number of jobs that were reclassified as a result of the policy change
488	(1E8)	SIGNED	4	SDA_WLM_RECLASPST_COUNT	Number of reclassification posts processed
492	(1EC)	SIGNED	4	SDA_WLM_RECLASJOB_COUNT	Number of jobs that were reclassified as a result of the post
		End of function specific data.			
496	(1F0)	DBL WORD	8	SDA_WLM_END(0)	End of function specific data
496	(1F0)	X'1B0'	0	SDA_WLM_FSPEC_SIZE	"SDA_WLM_END-SDA_WLM" Size of function specific data
496	(1F0)	X'1F0'	0	SDA_WLM_TOTAL_SIZE	"SDA_WLM_FSPEC_SIZE+SDAFSIZE" Total size of SDA entry (fixed and function specific data)

Table 623. Cross Reference for IATYSDA

Name	Offset	Hex Tag
SDA_INIT	40	

Table 623. Cross Reference for IATYSDA (continued)

Name	Offset	Hex Tag
SDA_INIT_CBBUILD_END_TIME	B0	0
SDA_INIT_CBBUILD_START_TIME	A8	0
SDA_INIT_CONSOLES_END_TIME	120	0
SDA_INIT_CONSOLES_START_TIME	118	0
SDA_INIT_CURRENT_VERSION	40	1
SDA_INIT_DJC_JOBS	14C	0
SDA_INIT_DSTAT_COUNT	188	0
SDA_INIT_END	190	
SDA_INIT_END_TIME	50	0
SDA_INIT_FSPEC_SIZE	190	150
SDA_INIT_INITSTMT_END_TIME	A0	0
SDA_INIT_INITSTMT_START_TIME	98	0
SDA_INIT_IOSTMT_END_TIME	60	0
SDA_INIT_IOSTMT_START_TIME	58	0
SDA_INIT_JCT_END_TIME	70	0
SDA_INIT_JCT_HIGHREC	13C	0
SDA_INIT_JCT_LOWREC	138	0
SDA_INIT_JCT_RECTRK	144	0
SDA_INIT_JCT_START_TIME	68	0
SDA_INIT_JCT_VALREC	140	0
SDA_INIT_JCT_WRITES	184	0
SDA_INIT_JDAB_READS	168	0
SDA_INIT_JDAB_WRITES	16C	0
SDA_INIT_JDS_READS	178	0
SDA_INIT_JDS_WRITES	17C	0
SDA_INIT_JMR_READS	170	0
SDA_INIT_JMR_WRITES	174	0
SDA_INIT_JOBVAL_END_TIME	90	0
SDA_INIT_JOBVAL_START_TIME	88	0
SDA_INIT_JSSREST_END_TIME	130	0
SDA_INIT_JSSREST_START_TIME	128	0
SDA_INIT_LPAMOD_COUNT	18C	0
SDA_INIT_MAIN_END_TIME	E0	0
SDA_INIT_MAIN_JOBS	150	0
SDA_INIT_MAIN_START_TIME	D8	0
SDA_INIT_MDS_END_TIME	100	0
SDA_INIT_MDS_START_TIME	F8	0
SDA_INIT_OTHER_JOBS	158	0
SDA_INIT_OUTSERV_JOBS	154	0
SDA_INIT_RJP_END_TIME	C0	0
SDA_INIT_RJP_START_TIME	B8	0
SDA_INIT_SLOC_PRIVATE	40	1
SDA_INIT_SPOOL_STATUS	41	0
SDA_INIT_START_TIME	48	0
SDA_INIT_START_TYPE	40	0
SDA_INIT_STT_END_TIME	80	0

Table 623. Cross Reference for IATYSDA (continued)

Name	Offset	Hex Tag
SDA_INIT_STT_START_TIME	78	0
SDA_INIT_SUPUNITS_END_TIME	D0	0
SDA_INIT_SUPUNITS_START_TIME	C8	0
SDA_INIT_TAT_READS	180	0
SDA_INIT_TIMES	48	
SDA_INIT_TOTAL_JOBS	148	0
SDA_INIT_TOTAL_SIZE	190	190
SDA_INIT_VARY_END_TIME	110	0
SDA_INIT_VARY_START_TIME	108	0
SDA_INIT_VERSION1	40	1
SDA_INIT_WLM_END_TIME	F0	0
SDA_INIT_WLM_START_TIME	E8	0
SDA_INIT_XVIO_BUFFER_COUNT	160	0
SDA_INIT_XVIO_IATXSIO_COUNT	164	0
SDA_INIT_XVIO_INITIATE_COUNT	15C	0
SDA_OUTSERV	40	
SDA_OUTSERV_CURRENT_VERSION	8E0	1
SDA_OUTSERV_END	50	
SDA_OUTSERV_FSPEC_SIZE	50	10
SDA_OUTSERV_RESTART_END_TIME	48	0
SDA_OUTSERV_RESTART_START_TIME	40	0
SDA_OUTSERV_SLOC_PRIVATE	8E0	1
SDA_OUTSERV_TOTAL_SIZE	50	50
SDA_OUTSERV_VERSION1	8E0	1
SDA_RESTART	40	
SDA_RESTART_CONNECT_END_TIME	160	0
SDA_RESTART_CONNECT_START_TIME	60	0
SDA_RESTART_CURRENT_VERSION	190	1
SDA_RESTART_END	8E0	
SDA_RESTART_FSPEC_SIZE	8E0	8A0
SDA_RESTART_GMSREST_END_TIME	560	0
SDA_RESTART_GMSREST_JOB_COUNT	660	0
SDA_RESTART_GMSREST_START_TIME	460	0
SDA_RESTART_IVERIFY_END_TIME	360	0
SDA_RESTART_IVERIFY_START_TIME	260	0
SDA_RESTART_MDSREST_END_TIME	50	0
SDA_RESTART_MDSREST_JOB_COUNT	58	0
SDA_RESTART_MDSREST_RSVD	5C	0
SDA_RESTART_MDSREST_START_TIME	48	0
SDA_RESTART_SLOC_PRIVATE	190	1
SDA_RESTART_START_JSS_TIME	40	0
SDA_RESTART_TOTAL_SIZE	8E0	8E0
SDA_RESTART_VERSION1	190	1
SDA_RESTART_WTDCANC_END_TIME	7E0	0
SDA_RESTART_WTDCANC_START_TIME	6E0	0
SDA_WLM	40	

Table 623. Cross Reference for IATYSDA (continued)

Name	Offset	Hex Tag
SDA_WLM_CURRENT_VERSION	8E0	1
SDA_WLM_DELAYJOB_COUNT	1DC	0
SDA_WLM_DELAYSCAN_COUNT	1D8	0
SDA_WLM_DSELJOB_COUNT	158	0
SDA_WLM_DSELNJOB_COUNT	D8	0
SDA_WLM_END	1F0	
SDA_WLM_FSPEC_SIZE	1F0	1B0
SDA_WLM_IWMBRIP_COUNT	C8	0
SDA_WLM_IWMBSMP_COUNT	44	0
SDA_WLM_LCLSEND_COUNT	48	0
SDA_WLM_POLICYCHG_COUNT	1E0	0
SDA_WLM_POLICYJOB_COUNT	1E4	0
SDA_WLM_RECLASJOB_COUNT	1EC	0
SDA_WLM_RECLASPST_COUNT	1E8	0
SDA_WLM_SAMPDISC_COUNT	D4	0
SDA_WLM_SAMPLE_COUNT	40	0
SDA_WLM_SLEEP_COUNT	CC	0
SDA_WLM_SLOC_PRIVATE	8E0	1
SDA_WLM_SLOWDOWN_COUNT	D0	0
SDA_WLM_TOTAL_SIZE	1F0	1F0
SDA_WLM_VERSION1	8E0	1
SDADESC	C	40404040
SDADLEN	8	0
SDAENTRY	0	
SDAERSV1	6	0
SDAERSV2	2C	0
SDAFEND	40	
SDAFSIZE	40	40
SDAHEND	88	
SDAHID	0	E2C4C140
SDAHINIT	4	
SDAHOUTS	C	
SDAHRSTR	8	
SDAHRSVD	14	
SDAHRSVU	74	
SDAHSIZE	88	88
SDAHSTRT	0	
SDAHUSR1	60	
SDAHUSR2	64	
SDAHUSR3	68	
SDAHUSR4	6C	
SDAHUSR5	70	
SDAHWLM	10	
SDAHXCNT	88	21
SDAHXEND	88	
SDAHXSTR	4	

Table 623. Cross Reference for IATYSDA (continued)

Name	Offset	Hex Tag
SDAID	0	E2C4C1C5
SDAVERSN	4	0

IATYSDA2 information

IATYSDA2 heading information

Common name: Statistics Data Area Entry for Restart (Connect) Related Information

Macro ID: IATYSDA2

DSECT name: SDAENTRY (in IATYSDA)

Owning component: JES3 (SC1BA)

Eye-catcher ID: SDAE
Offset: 0
Length: 4

Storage attributes: Main Storage: Any
Subpool: 0
Key: 0

Size: SDA_RESTART_TOTAL_SIZE bytes

Created by: Issuer of IATXSTAT FUNC=INITIALIZE

Pointed to by: SDAHRSTR in IATYSDA

Serialization: NONE

Function: This macro maps the JES3 restart (connect) specific information in the Statistics Data Area (SDA).

IATYSDA2 mapping

Table 624. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

```
IATYSDA2 already generated
```

IATYSDA3 information

IATYSDA3 heading information

Common name: Statistics Data Area Entry for Output Service Related Information

Macro ID: IATYSDA3

DSECT name: SDAENTRY (in IATYSDA)

Owning component: JES3 (SC1BA)

Eye-catcher ID: SDAE
Offset: 0
Length: 4

Storage attributes: Main Storage: Any
Subpool: 0
Key: 0

Size: SDA_OUTSERV_TOTAL_SIZE bytes

Created by: Issuer of IATXSTAT FUNC=INITIALIZE

Pointed to by: SDAHOUTS in IATYSDA

Serialization: NONE

Function: This macro maps the JES3 main connect and restart specific information in the Statistics Data Area (SDA). It contains information about output service.

IATYSDA3 mapping

Table 625. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

```
IATYSDA3 already generated
```

IATYSDA4 information

IATYSDA4 heading information

Common name: Statistics Data Area Entry for Workload Manager Related Information

Macro ID: IATYSDA4

DSECT name: SDAENTRY (in IATYSDA)

Owning component: JES3 (SC1BA)

Eye-catcher ID: SDAE
Offset: 0
Length: 4

Storage attributes: Main Storage: Any
Subpool: 0
Key: 0

Size: SDA_WLM_TOTAL_SIZE bytes

Created by: Issuer of IATXSTAT FUNC=INITIALIZE

Pointed to by: SDAHWLM in IATYSDA

Serialization: NONE

Function: This macro maps the JES3 Workload Manager (WLM) specific information in the Statistics Data Area (SDA).

IATYSDA4 mapping

Table 626. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

```
IATYSDA4 already generated
```

IATYSDM information

IATYSDM programming interface information

The following fields are **NOT** programming interface information:

- SDMABCPP
- SDMCBACB
- SDMCLACB
- SDMORACB

- SDMOWACB
- SDMRSAVE

IATYSDM heading information

Common name:	SPOOL DATA MANAGEMENT PARAMETER LIST (SDM)
Macro ID:	IATYSDM
DSECT name:	SDMSTART
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	SDM Offset: 0 Length: 4
Storage attributes:	Main Storage: SUBPOOL 0, 230 Auxiliary Storage: N/A
Size:	120 Bytes
Created by:	IATIIP0 IATIIP0 IATLVLC IATMDST IATSIOD
Pointed to by:	N/A
Serialization:	NONE
Function:	The SDM maps the parameter list that is passed to the SPOOL access initialization routine IATDMGR. The IATXSDM macro should be used to initialize the SDM and invoke IATDMGR.

IATYSDM mapping

Table 627. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

Table 628. Structure SDMSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SDMSTART	, SPOOL DATA MANAGEMENT PARAMETER LIST
0	(0)	CHARACTER	4	SDMID	CONTROL BLOCK ID
4	(4)	BITSTRING	1	SDMFUNC	FUNCTION CODE
		DEFINITION OF SDMFUNC			
		....		SDMALOCU	"X'00'" ALLOCATE - USAM
		.... .1..		SDMOPNRU	"X'04'" OPEN FOR READ - USAM
		.... 1...		SDMOPNWU	"X'08'" OPEN FOR WRITE - USAM
		.... 11..		SDMCLOSU	"X'0C'" CLOSE - USAM
		...1		SDMDEALU	"X'10'" DEALLOCATE - USAM
		...1 .1..		SDMALOCB	"X'14'" ALLOCATE - BLOCK SPOOLER
		...1 1...		SDMDEALB	"X'18'" DEALLOCATE - BLOCK SPOOLER
		...1 11..		SDMCSPAF	"X'1C'" CLEANUP - SPOOL ACCESS FACILITY
		...1 11..		SDMMAXFC	"X'1C'" HIGHEST VALID FUNCTION CODE
5	(5)	BITSTRING	1	SDMFLAG1	SDM FLAG ONE

Table 628. Structure SDMSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF SDMFLAG1			
		1...		SDMERRRT	"X'80'" ERROR RETURN SPECIFIED UPON INVOCATION
		.1..		SDMNEWAL	"X'40'" New dataset allocation
		..1.		SDMABCLN	"X'20'" Abend cleanup requested 04067SLC
		...1		SDMFR110	"X'10'" RESERVED FLAG
		.... 1...		SDMFR108	"X'08'" RESERVED FLAG
		.... .1..		SDMFR104	"X'04'" RESERVED FLAG
		.... ..1.		SDMFR102	"X'02'" RESERVED FLAG
		1		SDMFR101	"X'01'" RESERVED FLAG
6	(6)	BITSTRING	1	SDMFLAG2	SDM FLAG TWO
		DEFINITION OF SDMFLAG2			
		1...		SDMDEBFR	"X'80'" DO NOT FREE THE DEB STORAGE
7	(7)	BITSTRING	1	SDMRSVDD	RESERVED FOR DEVELOPMENT
		DATA COMMON TO ALL FUNCTIONS			
8	(8)	SIGNED	4	SDMRSAVE(18)	REGISTER SAVE AREA
8	(8)	BITSTRING	12		SKIP OVER CHAIN FIELDS
		SDMSTAE ESTAE MF=L ESTAE PARM LIST			
20	(14)	SIGNED	4	(0)	
20	(14)	ADDRESS	1	SDMSTAE	FLAGS FOR TCB,PURGE,ASYNCH, AND CANCEL
21	(15)	ADDRESS	3		FIELD NO LONGER USED
24	(18)	ADDRESS	4		PARM. LIST ADDR. NOT SPECIFIED
28	(1C)	ADDRESS	4		TCB NOT SPECIFIED
32	(20)	ADDRESS	1		FLAGS
33	(21)	ADDRESS	1		THIRD FLAG BYTE
34	(22)	ADDRESS	2		RESERVED
36	(24)	ADDRESS	4		TOKEN VALUE AREA
40	(28)	ADDRESS	4		EXIT ADDR NOT SPECD
80	(50)	SIGNED	4	SDMDATA(0)	START OF FUNCTION SPECIFIC DATA
		ALLOCATE - USAM FUNCTION			
		INPUT / OUTPUT DATA			
80	(50)	ADDRESS	4	SDMAUDEB	DATA EXTENT BLOCK (DEB) ADDRESS
		OUTPUT DATA			
84	(54)	ADDRESS	4	SDMAUDSS	DATASET STATUS BLOCK (DSS) ADDRESS
		INPUT DATA			
88	(58)	ADDRESS	4	SDMAUMEM	MEMDATA ADDRESS

Table 628. Structure SDMSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
92	(5C)	BITSTRING	1	SDMAUEND(0)	END OF DATA
92	(5C)	X'5C'	0	SDMAUSIZ	"SDMAUEND-SDMSTART" SIZE OF DATA
	OPEN FOR READ - USAM FUNCTION				
	INPUT DATA				
80	(50)	ADDRESS	4	SDMORDEB	DATA EXTENT BLOCK (DEB) ADDRESS
84	(54)	ADDRESS	4	SDMORDSS	DATASET STATUS BLOCK (DSS) ADDRESS
88	(58)	ADDRESS	4	SDMORACB	ACCESS METHOD CONTROL BLOCK (ACB) ADDRESS
92	(5C)	ADDRESS	4	SDMORRAB	RECORD ALLOCATION BLOCK (RAB) ADDRESS
96	(60)	CHARACTER	8	SDMORDDN	DDNAME OF FILE BEING OPENED
104	(68)	BITSTRING	6	SDMORFSP	FIRST SPOOL ADDRESS
110	(6E)	BITSTRING	1	SDMOREND(0)	END OF DATA
110	(6E)	X'6E'	0	SDMORSIZ	"SDMOREND-SDMSTART" SIZE OF DATA
	OPEN FOR WRITE - USAM FUNCTION				
	INPUT DATA				
80	(50)	ADDRESS	4	SDMOWDEB	DATA EXTENT BLOCK (DEB) ADDRESS
84	(54)	ADDRESS	4	SDMOWDSS	DATASET STATUS BLOCK (DSS) ADDRESS
88	(58)	ADDRESS	4	SDMOWACB	ACCESS METHOD CONTROL BLOCK (ACB) ADDRESS
92	(5C)	ADDRESS	4	SDMOWRAB	RECORD ALLOCATION BLOCK (RAB) ADDRESS
96	(60)	SIGNED	4	SDMOWJNO	BINARY JOB NUMBER
100	(64)	CHARACTER	8	SDMOWDDN	DDNAME OF FILE BEING OPENED
108	(6C)	BITSTRING	6	SDMOWFSP	FIRST SPOOL ADDRESS
114	(72)	BITSTRING	6	SDMOWLSP	LAST SPOOL ADDRESS
120	(78)	BITSTRING	1	SDMOWEND(0)	END OF DATA
120	(78)	X'78'	0	SDMOWSIZ	"SDMOWEND-SDMSTART" SIZE OF DATA
	CLOSE - USAM FUNCTION				
	INPUT DATA				
80	(50)	ADDRESS	4	SDMCLDEB	DATA EXTENT BLOCK (DEB) ADDRESS
84	(54)	ADDRESS	4	SDMCLDSS	DATASET STATUS BLOCK (DSS) ADDRESS
88	(58)	ADDRESS	4	SDMCLACB	ACCESS METHOD CONTROL BLOCK (ACB) ADDRESS
	OUTPUT DATA				
92	(5C)	BITSTRING	6	SDMCLFSP	FIRST SPOOL ADDRESS (IF OPENED FOR WRITE ACCESS)
98	(62)	BITSTRING	6	SDMCLLSP	LAST SPOOL ADDRESS (IF OPENED FOR WRITE ACCESS)
104	(68)	BITSTRING	1	SDMCLEND(0)	END OF DATA
104	(68)	X'68'	0	SDMCLSIZ	"SDMCLEND-SDMSTART" SIZE OF DATA

Table 628. Structure SDMSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEALLOCATE - USAM FUNCTION			
		INPUT DATA			
80	(50)	ADDRESS	4	SDMDUDEB	DATA EXTENT BLOCK (DEB) ADDRESS
84	(54)	ADDRESS	4	SDMDUDSS	DATASET STATUS BLOCK (DSS) ADDRESS
88	(58)	ADDRESS	4	SDMDUMEM	MEMDATA ADDRESS
92	(5C)	BITSTRING	1	SDMDUEND(0)	END OF DATA
92	(5C)	X'5C'	0	SDMDUSIZ	"SDMDUEND-SDMSTART" SIZE OF DATA
		ALLOCATE - BLOCK SPOOLER FUNCTION			
		INPUT DATA			
80	(50)	ADDRESS	4	SDMABBLK	BLOCK I/O PARAMETER LIST (BLK) ADDRESS
84	(54)	ADDRESS	4	SDMABCPP	CELLPOOL PARAMETER LIST ADDRESS
88	(58)	SIGNED	2	SDMABPXT	BUFFER CELLPOOL PRIMARY EXTENT SIZE (IN NUMBER OF BUFFERS)
90	(5A)	SIGNED	2	SDMABSXT	BUFFER CELLPOOL SECONDARY EXTENT SIZE (IN NUMBER OF BUFFERS)
92	(5C)	BITSTRING	1	SDMABCSP	SUBPOOL FOR BUFFER CELLPOOL
93	(5D)	BITSTRING	3	SDMABRSV	RESERVED FOR DEVELOPMENT
		OUTPUT DATA			
96	(60)	SIGNED	4	SDMABCID	CELLPOOL IDENTIFIER
100	(64)	SIGNED	4	SDMABBSZ	SIZE OF EACH BUFFER IN CELLPOOL
104	(68)	BITSTRING	1	SDMABEND(0)	END OF DATA
104	(68)	X'68'	0	SDMABSIZ	"SDMABEND-SDMSTART" SIZE OF DATA
		DEALLOCATE - BLOCK SPOOLER FUNCTION			
		INPUT DATA			
80	(50)	ADDRESS	4	SDMDBBLK	BLOCK I/O PARAMETER LIST (BLK) ADDRESS
84	(54)	SIGNED	4	SDMDBCID	CELLPOOL IDENTIFIER
88	(58)	BITSTRING	1	SDMDBEND(0)	END OF DATA
88	(58)	X'58'	0	SDMDBSIZ	"SDMDBEND-SDMSTART" SIZE OF DATA
		CLEANUP - SPOOL ACCESS FACILITY			
		INPUT DATA IMPORTANT - THE OFFSET OF THE FIRST THREE FIELDS MUST BE THE SAME AS THE CORRESPONDING FIELDS IN THE CLOSE USAM PARAMETER LIST			
80	(50)	ADDRESS	4	SDMCBDEB	DATA EXTENT BLOCK (DEB) ADDRESS
84	(54)	ADDRESS	4	SDMCBDSS	DATASET STATUS BLOCK (DSS) ADDRESS
88	(58)	ADDRESS	4	SDMCBACB	ACCESS METHOD CONTROL BLOCK (ACB) ADDRESS

Table 628. Structure SDMSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
92	(5C)	ADDRESS	4	SDMCBBUF	ADDRESS OF A CHAIN OF BUFFERS TO BE FREED
96	(60)	SIGNED	4	SDMCBCID	CELLPOOL IDENTIFIER
100	(64)	BITSTRING	1	SDMCBEND(0)	END OF DATA
100	(64)	X'64'	0	SDMCBSIZ	"SDMCBEND-SDMSTART" SIZE OF DATA
	MAXIMUM DATA SIZE				
120	(78)	BITSTRING	1	SDMMXEND(0)	END OF DATA
120	(78)	X'78'	0	SDMMXSIZ	"SDMMXEND-SDMSTART" SIZE OF DATA

Table 629. Cross Reference for IATYSDM

Name	Offset	Hex Tag
SDMABBLK	50	
SDMABBSZ	64	0
SDMABCID	60	0
SDMABCLN	5	20
SDMABCPP	54	
SDMABCSP	5C	0
SDMABEND	68	
SDMABPXT	58	0
SDMABRSV	5D	0
SDMABSIZ	68	68
SDMABSXT	5A	0
SDMALOCB	4	14
SDMALOCU	4	0
SDMAUDEB	50	
SDMAUDSS	54	
SDMAUEND	5C	
SDMAUMEM	58	
SDMAUSIZ	5C	5C
SDMCBACB	58	
SDMCBBUF	5C	
SDMCBCID	60	0
SDMCBDEB	50	
SDMCBDSS	54	
SDMCBEND	64	
SDMCBSIZ	64	64
SDMCLACB	58	
SDMCLDEB	50	
SDMCLDSS	54	
SDMCLEND	68	
SDMCLFSP	5C	0
SDMCLLSP	62	0
SDMCLOSU	4	C
SDMCLSIZ	68	68
SDMCSPAF	4	1C

Table 629. Cross Reference for IATYSDM (continued)

Name	Offset	Hex Tag
SDMDATA	50	
SDMDBBLK	50	
SDMDBCID	54	0
SDMDBEND	58	
SDMDBSIZ	58	58
SDMDEALB	4	18
SDMDEALU	4	10
SDMDEBFR	6	80
SDMDUDEB	50	
SDMDUDSS	54	
SDMDUEND	5C	
SDMDUMEM	58	
SDMDUSIZ	5C	5C
SDMERRRT	5	80
SDMFLAG1	5	0
SDMFLAG2	6	0
SDMFR101	5	1
SDMFR102	5	2
SDMFR104	5	4
SDMFR108	5	8
SDMFR110	5	10
SDMFUNC	4	0
SDMID	0	E2C4D440
SDMMAXFC	4	1C
SDMMXEND	78	
SDMMXSIZ	78	78
SDMNEWAL	5	40
SDMOPNRU	4	4
SDMOPNWU	4	8
SDMORACB	58	
SDMORDDN	60	40404040
SDMORDEB	50	
SDMORDSS	54	
SDMOREND	6E	
SDMORFSP	68	0
SDMORRAB	5C	
SDMORSIZ	6E	6E
SDMOWACB	58	
SDMOWDDN	64	40404040
SDMOWDEB	50	
SDMOWDSS	54	
SDMOWEND	78	
SDMOWFSP	6C	0
SDMOWJNO	60	0
SDMOWLSP	72	0
SDMOWRAB	5C	

Table 629. Cross Reference for IATYSDM (continued)

Name	Offset	Hex Tag
SDMOWSIZ	78	78
SDMRSAVE	8	0
SDMRSVDD	7	0
SDMSTAE	14	
SDMSTART	0	

IATYSEC information

IATYSEC programming interface information

IATYSEC is a programming interface.

IATYSEC heading information

Common name:	SECURITY CHECK CONTROL BLOCK
Macro ID:	IATYSEC
DSECT name:	SECSTART, SECEASTR
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	SEC Offset: 0 Length: 4
Storage attributes:	Main Storage: Determined by the caller Auxiliary Storage: N/A
Size:	12 Bytes
Created by:	INVOKERS OF IATXSEC
Pointed to by:	NONE
Serialization:	NONE
Function:	Used as the parameter list for security check macro IATXSEC

IATYSEC mapping

Table 630. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

Table 631. Structure SECSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SECSTART	, Security Check Control Block
0	(0)	CHARACTER	4	SECID	Control Block Identifier

Table 631. Structure SECSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		IATXSEC Input Area - This area contains information that is provided to the IATXSEC service routine via the IATXSEC macro. IATXSEC parameters basically come in four flavors: (1) Parameters that control the IATXSEC service routine's internal functions. These parameters appear in the SEC. (2) Parameters that are used to modify the RACROUTE invocations, but are not passed to the user exits. These parameters appear in the SEC. (3) Parameters that are passed to the user exit, and are modifyable by the user exit. These parameters appear only in the SSX. (4) Parameters that are passed to the user exit, but are --not-- modifyable by the user exit. These parameters appear in the SSX, and in the SEC to ensure that an unmodified copy is used. Common Function and Option Flags.			
4	(4)	BITSTRING	1	SECFUNC	IATXSEC Function Flag
		Definition of SECFUNC			
4	(4)	X'1'	0	SECAUTH	"1" Request is to receive authorization to receive a resource - Set when REQUEST=AUTH is specified on the IATXSEC macro
4	(4)	X'2'	0	SECEXTEX	"2" Request is to extract information from a profile - Set when REQUEST=EXTRACT, TYPE=EXTRACT is specified on the IATXSEC macro
4	(4)	X'3'	0	SECEXTEN	"3" Request is to encrypt data - Set when REQUEST=EXTRACT, TYPE=ENCRYPT is specified on the IATXSEC macro
4	(4)	X'4'	0	SECTKNBL	"4" Request is build a token - Set when REQUEST=TOKENBLD is specified on the IATXSEC macro
4	(4)	X'5'	0	SECTKNMP	"5" Request is to obtain a map of the token - Set when REQUEST=TOKENMAP is specified on the IATXSEC macro
4	(4)	X'6'	0	SECTKNEX	"6" Request is to extract the user's security information from a token - Set when REQUEST=TOKENXTR is specified on the IATXSEC macro
4	(4)	X'7'	0	SECVRFYX	"7" Request is to verify a user's authorization to perform a task - Set when REQUEST=VERIFYX is specified on the IATXSEC macro
4	(4)	X'8'	0	SECAUDIT	"8" Request is to create an audit record - Set when REQUEST=AUDIT is specified on the IATXSEC macro
4	(4)	X'9'	0	SECVRFY	"9" Request is to Create or 0039 Delete an ACEE needed for 0039 a security environment 0039 Set when REQUEST=VERIFY 0039 is specified on the 0039 IATXSEC macro 0039 0039
4	(4)	X'9'	0	SECFUNMX	"9" Maximum Function Value 0039
5	(5)	BITSTRING	4	SECOPTS(0)	IATXSEC Option Flags
5	(5)	BITSTRING	1	SECOPT1	IATXSEC Option Flag One
		Definition of SECOPT1			
		1...		SECSBTSK	"X'80'" IATXSEC processing should be performed under a generalized subtask - set when MODE=NUCTASK is specified on the IATXSEC macro, and the REQUEST type has implicit MVS waits

Table 631. Structure SECSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.1..		SECATERM	"X'40'" If an abend occurs during IATXSEC processing, cleanup should be performed and then processing should be terminated by giving control to the caller's recovery routine (set when ABEND=TERM is specified on the IATXSEC macro)
6	(6)	BITSTRING	1	SECOPT2	IATXSEC Option Flag Two (Message Control Options)
		Definition of SECOPT2			
6	(6)	X'1'	0	SECMCWTO	"SSXMCWTO" Messages should be written to the operator - set when MSGCNTL=(WTO,,) is specified on IATXSEC macro
6	(6)	X'2'	0	SECMCRTN	"SSXMCRTN" Messages should be returned to the caller - set when MSGCNTL=(,RETURN,) is specified on IATXSEC macro
6	(6)	X'4'	0	SECMCJES	"SSXMCJES" Messages should be written to JESMSG - set when MSGCNTL=(,,JESMSG) is specified on IATXSEC macro
7	(7)	BITSTRING	1	SECOPT3	IATXSEC Option Flag Three (IATXSEC Mode Options)
		Definition of SECOPT3			
7	(7)	X'80'	0	SECNUCMD	"SSXNUCMD" JES3 Nuc task mode - set when MODE=NUCTASK is specified on IATXSEC macro
7	(7)	X'40'	0	SECINIMD	"SSXINIMD" JES3 initialization mode - set when MODE=INIT is specified on IATXSEC macro
7	(7)	X'20'	0	SECSTKMD	"SSXSTKMD" JES3 subtask mode - set when MODE=SUBTASK is specified on IATXSEC macro
7	(7)	X'10'	0	SECUSRMD	"SSXUSRMD" User address space mode - set when MODE=USER is specified on IATXSEC macro
8	(8)	BITSTRING	1	SECOPT4	IATXSEC Option Flag Four
9	(9)	BITSTRING	1	SECOPT5	IATXSEC Option Flag Five
10	(A)	BITSTRING	1	SECOPT6	IATXSEC Option Flag Six
11	(B)	BITSTRING	1	SECOPT7	IATXSEC Option Flag Seven
12	(C)	BITSTRING	1	SECOPT8	IATXSEC Option Flag Eight
		Security SAF User Exit Area (SSX). This control block contains many of the IATXSEC input parameters. Input parameters that do not have corresponding fields in SSX are contained in the SEC. IATYEQU JES3 STANDARD EQUATES JES3 STANDARD EQUATES 01 Change Activity: $TA= z2.1.0 HJS7790 110523 PD0PK: z 2.1.0 GENERAL EQUATES			
12	(C)	X'0'	0	NOP	"0" NO OPERATION
12	(C)	X'F'	0	ALWAYS	"15" Unconditional branch 0084
		1111 1111		FF	"X'FF'" ALL BITS ON
12	(C)	X'F0'	0	CHARZERO	"C'0'" CHARACTER ZERO
12	(C)	X'F9'	0	CHARNINE	"C'9'" CHARACTER NINE

Table 631. Structure SECSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
12	(C)	X'C1'	0	CHARA	"C'A'" CHARACTER A
12	(C)	X'C6'	0	CHARF	"C'F'" CHARACTER F
12	(C)	X'6B'	0	CHARCMMA	"C','" CHARACTER COMMA
	AFTER COMPARE INSTRUCTIONS				
12	(C)	X'2'	0	GT	"2" A HIGH
12	(C)	X'4'	0	LT	"4" A LOW
12	(C)	X'7'	0	NE	"7" A NOT EQUAL B
12	(C)	X'8'	0	EQ	"8" A EQUAL B
12	(C)	X'B'	0	GE	"11" A NOT LOW
12	(C)	X'D'	0	LE	"13" A NOT HIGH
	AFTER LOGICAL INSTRUCTIONS				
12	(C)	X'1'	0	NZNBOROW	"1" Not zero, no borrow
12	(C)	X'1'	0	NZCARRY	"1" Not zero, carry
12	(C)	X'4'	0	NZBORROW	"4" Not zero, borrow
12	(C)	X'4'	0	NZNCARRY	"4" Not zero, no carry
12	(C)	X'5'	0	LNZERO	"5" Not zero
12	(C)	X'2'	0	ZNBORROW	"2" Zero, no borrow
12	(C)	X'2'	0	ZCARRY	"2" Zero, carry
12	(C)	X'8'	0	ZBORROW	"8" Zero, borrow
12	(C)	X'8'	0	ZNCARRY	"8" Zero, no carry
12	(C)	X'A'	0	LZERO	"10" Zero
12	(C)	X'C'	0	BORROW	"12" Borrow
12	(C)	X'3'	0	NOBORROW	"3" No borrow
12	(C)	X'3'	0	CARRY	"3" Carry
12	(C)	X'C'	0	NOCARRY	"12" No carry
	AFTER ARITHMETIC INSTRUCTIONS				
12	(C)	X'1'	0	OV	"1" OVERFLOW
12	(C)	X'2'	0	PLUS	"2" PLUS
12	(C)	X'4'	0	MINUS	"4" MINUS
12	(C)	X'7'	0	NZERO	"7" NOT ZERO
12	(C)	X'8'	0	ZERO	"8" ZERO
12	(C)	X'8'	0	ZEROS	"8" ZERO
12	(C)	X'B'	0	NMINUS	"11" NOT MINUS
12	(C)	X'E'	0	NOV	"14" NOT OVERFLOW
12	(C)	X'D'	0	NPLUS	"13" NOT PLUS
	AFTER TEST UNDER MASK INSTRUCTIONS				
12	(C)	X'1'	0	ALLON	"1" ALL ON
12	(C)	X'4'	0	MIXED	"4" MIXED
12	(C)	X'5'	0	NALLOFF	"5" ALLON+MIXED
12	(C)	X'8'	0	ALLOFF	"8" ALL OFF
12	(C)	X'C'	0	NALLON	"12" ALLOFF+MIXED

Table 631. Structure SECSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		AFTER TEST AND SET INSTRUCTION			
12		(C) X'4'	0	LOCKED	"4" ONE I.E. LOCKED
12		(C) X'8'	0	UNLOCKED	"8" ZERO I.E. UNLOCKED
		AFTER LOAD REAL ADDRESS INSTRUCTION.			
12		(C) X'8'	0	INREAL	"8" PAGE IS IN REAL STORAGE
12		(C) X'7'	0	NOTIREAL	"7" PAGE NOT IN REAL STORAGE
12		(C) X'4'	0	SEGTBINV	"4" SEGMENT TABLE ENTRY INVALID
12		(C) X'2'	0	PAGTBINV	"2" PAGE TABLE ENTRY INVALID
12		(C) X'1'	0	LENTHINV	"1" LENGTH INVALID
		AFTER TEST PROTECTION INSTRUCTION.			
12		(C) X'E'	0	NTRANSNA	"14" NOT Translation not available
12		(C) X'D'	0	NNOACCSS	"13" NOT (Fetching not permitted; Storing not permitted)
12		(C) X'B'	0	NPAGPRTD	"11" NOT (Fetching permitted; Storing not permitted)
12		(C) X'8'	0	ALLACC	"8" Fetching permitted; Storing permitted
12		(C) X'7'	0	NALLACC	"7" NOT (Fetching permitted; Storing permitted)
12		(C) X'4'	0	PAGPRTD	"4" Fetching permitted; Storing not permitted
12		(C) X'2'	0	NOACCESS	"2" Fetching not permitted; Storing not permitted
12		(C) X'1'	0	TRANSNA	"1" Translation not available
		SYMBOLS USED FOR ACCESS REGISTER MODE			
12		(C) X'200'	0	ARMODON	"512" TURN ACCESS REGISTER MODE ON
12		(C) X'0'	0	ARMODOFF	"0" TURN ACCESS REGISTER MODE OFF
		Data Space Related Equates			
		....		DSPCMXSZ	"X'80000000'" Maximum data space size (2 Gigabytes)
		JES3 SYSTEM LIMITS			
12		(C) X'20'	0	J3MAXMP	"32" MAXIMUM NUMBER OF MAIN PROCESSORS IN A SINGLE JES3 COMPLEX
		TRACE TABLE SIZES ARE SPECIFIED IN BYTES			
12		(C) X'21000'	0	J3TRCSZ	"135168" SIZE OF EVENT TRACE TABLE
12		(C) BITSTRING	0	J3NUCTRC	"X'30000'" Size of Nuc path trace table
12		(C) X'F018'	0	J3AUXTRC	"61464" SIZE OF AUX PATH TRACE TABLE
12		(C) X'3FF'	0	J3TRCMAX	"1023" MAXIMUM SIZE OF USER DATA IN A TRACE ENTRY, IN WORDS
12		(C) X'F423F'	0	MAXIMUM_JOB_NUMBER_ALLOWED	"999999" This is the largest job number allowed in the system.

Table 631. Structure SECSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
12	(C)	X'FFFE'	0	MAXIMUM_COMPATIBLE_JOB	"65534" This is the largest job number containable in two bytes and therefore fallback-compatible with a release not supporting job numbers greater than 65534.
12	(C)	X'FFFF'	0	ACTIVE_LIMIT	"65535" This is the largest number of JES managed or WLM managed jobs that can be concurrently active on a single main.
12	(C)	X'7FFF'	0	MAXIMUM_JOBS_IN_DJC_NET	"32767" This is the maximum number of jobs that a single DJC net can contain.
12	(C)	BITSTRING	0	MAX_OSE_SEQ	"X'7FFFFFFF'" Maximum OSE sequence number
12	(C)	BITSTRING	0	MAX_SRF_SEQ	"X'FFFF'" Maximum value of SRFCNT after OW55574. This is also the maximum OSE sequence number before the introduction of the OSECNT4 field in HJS7740, 07369SZA or when compatibility 07369SZA with older releases is 07369SZA being enforced. 07369SZA
12	(C)	BITSTRING	0	MAX_OSE_SEQ_DYNAL	"X'7FFFFF80'" Maximum value of OSECNT4 for which new SYSOUT data sets may be dynamically allocated. If a dynamic allocation is attempted when a job has OSE sequence numbers greater than this value, an abend S1FB-6E is issued.
12	(C)	BITSTRING	0	MAX_OSE_OLD_DYNAL	"X'FFF0'" Maximum OSE sequence number 07369SZA for new dynamic alloca- 07369SZA tions when compatibility 07369SZA with older releases is 07369SZA being enforced. 07369SZA
		The following equates are all used for decisions and actions related to job limits, but specifically are used for different purposes.			
12	(C)	BITSTRING	0	MAXIMUM_JOB_NUMBER_MASK	"X'FFFF'" This mask is used to clear the high order bytes from a word after placing a compatible job number into the low order bytes using an ICM with a mask of B'0011'.
12	(C)	X'FFFF'	0	SPECIAL_JOB_XFFFF	"65535" As a compatible job number, indicates that the job number lives in a four byte field.
12	(C)	X'F423F'	0	UNLIMITED_DSP_COUNT	"999999" As a DSP count this value indicates an "unlimited" count.
12	(C)	BITSTRING	0	UNLIMITED_JOB_COUNT	"X'FFFFFFFF'" As a job count this value indicates an "unlimited" count such as a display count on certain commands with N=ALL.
12	(C)	X'FFFF'	0	UNLIMITED_JOB_COUNT2	"65535" Same as UNLIMITED_JOB_COUNT except that it is for fields that must remain 2 bytes.
12	(C)	X'10'	0	JOB_NUMBER_SHIFT	"16" To load a compatible job number into the low order bytes of a fullword and clear the other bytes, it is possible to ICM the job number with a mask of B'1100' and then shift it to the right using this equate. This must be done instead of clearing the target register before the ICM in cases where the target register is also a base address; e.g.: ICM R2,B'1100',xxx(R2).

Table 631. Structure SECSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		SYMBOLS USED TO SET OR CLEAR A HIGH ORDER BIT			
		....		EQUHOBON	"X'80000000'" HIGH ORDER BIT ON
12		(C) BITSTRING	0	EQUHOBOF	"X'7FFFFFFF'" HIGH ORDER BIT OFF
		SYMBOLS USED FOR SECURITY			
12		(C) X'50'	0	SECTKNLN	"80" CURRENT LENGTH OF SECURITY TOKEN
12		(C) X'50'	0	TKNMAPLN	"80" CURRENT LENGTH OF THE MAPPED TOKEN RETURNED FROM TOKNMAP
12		(C) X'F0'	0	SAFMSGSP	"240" SUBPOOL USED FOR MESSAGES 0063 RETURNED BY SAF AND USER EXITS 58 + 59
12		(C) X'F0'	0	SAFEXTSP	"240" SUBPOOL USED FOR RETURNING EXTRACTED INFORMATION FROM THE SECURITY PRODUCT
		Subpool shared between the IATINTK and IATNUC tasks. Storage that needs to be obtained by one task and freed by the other task should be obtained in this subpool. Subpool zero cannot be used since subpool zero is not shared between these tasks.			
12		(C) X'9'	0	INTK_SHARED_SUBPOOL	"9" Shared subpool
		Functional equates for the PLO instruction.			
12		(C) X'0'	0	PLO_CL	"0" Compare and Load, 32 bit
12		(C) X'1'	0	PLO_CLG	"1" Same, 64 bit
12		(C) X'2'	0	PLO_CLGR	"2" Same, 64 bit, some operands in registers
12		(C) X'3'	0	PLO_CLX	"3" Same, 128 bit
12		(C) X'4'	0	PLO_CS	"4" Compare and Swap, 32 bit
12		(C) X'5'	0	PLO_CSG	"5" Same, 64 bit
12		(C) X'6'	0	PLO_CSGR	"6" Same, 64 bit, some operands in registers
12		(C) X'7'	0	PLO_CSX	"7" Same, 128 bit
12		(C) X'8'	0	PLO_DCS	"8" Double Compare and Swap, 32 bit
12		(C) X'9'	0	PLO_DCSG	"9" Same, 64 bit
12		(C) X'A'	0	PLO_DCSGR	"10" Same, 64 bit, some operands in registers
12		(C) X'B'	0	PLO_DCSX	"11" Same, 128 bit
12		(C) X'C'	0	PLO_CSST	"12" Compare and Swap and Store, 32 bit
12		(C) X'D'	0	PLO_CSSTG	"13" Same, 64 bit
12		(C) X'E'	0	PLO_CSSTGR	"14" Same, 64 bit, some operands in registers
12		(C) X'F'	0	PLO_CSSTX	"15" Same, 128 bit
12		(C) X'10'	0	PLO_CSDST	"16" Compare and Swap and Double Store, 32 bit
12		(C) X'11'	0	PLO_CSDSTG	"17" Same, 64 bit
12		(C) X'12'	0	PLO_CSDSTGR	"18" Same, 64 bit, some operands in registers
12		(C) X'13'	0	PLO_CSDSTX	"19" Same, 128 bit

Table 631. Structure SECSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
12	(C)	X'14'	0	PLO_CSTST	"20" Compare and Swap and Triple Store, 32 bit
12	(C)	X'15'	0	PLO_CSTSTG	"21" Same, 64 bit
12	(C)	X'16'	0	PLO_CSTSTGR	"22" Same, 64 bit, some operands in registers
12	(C)	X'17'	0	PLO_CSTSTX	"23" Same, 128 bit
		Security User Exit Parameter List 01 Change Activity: $TO= J3OUTDSP HJS77A0 140724 RD0DJ: z 2.2.0			
16	(10)	DBL WORD	8	SSXSTART(0)	
16	(10)	CHARACTER	4	SSXID	Control Block Identifier
20	(14)	ADDRESS	1	SSXVSN	Version number
20	(14)	X'1'	0	SSXVSN1	"1" Version level One
20	(14)	X'1'	0	SSXVSCUR	"SSXVSN1" Current version number
		IATUX58/IATUX59 Return Code Definitions.			
21	(15)	BITSTRING	1	SSX58RTN	IATUX58 Return Code
		Definition of SSX58RTN			
21	(15)	X'0'	0	SSX58ACC	"0" Accept - Don't call SAF
21	(15)	X'4'	0	SSX58UEF	"4" Use existing facilities to make the security decision (don't call SAF)
21	(15)	X'8'	0	SSX58REJ	"8" Reject - Don't call SAF
21	(15)	X'C'	0	SSX58SAU	"12" Call SAF and IATUX59
21	(15)	X'10'	0	SSX58SNU	"16" Call SAF but no IATUX59
21	(15)	X'14'	0	SSX58DUM	"20" Call SAF and treat IATUX58 as a dummy exit. That is, don't call it again.
21	(15)	X'14'	0	SSX58MAX	"SSX58DUM" Maximum return code value
22	(16)	BITSTRING	1	SSX59RTN	IATUX59 Return Code
		Definition of SSX59RTN			
22	(16)	X'0'	0	SSX59ACC	"0" Accept the request
22	(16)	X'4'	0	SSX59UEF	"4" Use existing facilities to make the security decision
22	(16)	X'8'	0	SSX59REJ	"8" Reject the request
22	(16)	X'C'	0	SSX59SAF	"12" Use the SAF decision
22	(16)	X'10'	0	SSX59DUM	"16" IATUX59 is a dummy exit
22	(16)	X'10'	0	SSX59MAX	"SSX59DUM" Maximum return code value
		SAF/Security Product Information. SAF Return Code			
23	(17)	BITSTRING	1	SSXSFRET	SAF Return Code
		Definition of SSXSAFRC			
23	(17)	X'0'	0	SSXSFACC	"0" Accept
23	(17)	X'4'	0	SSXSFNDC	"4" No Decision

Table 631. Structure SECSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
23	(17)	X'8'	0	SSXSFREJ	"8" Reject
		Security Product Return and Reason Codes.			
24	(18)	SIGNED	4	SSXSPRET	Security Product Return Code
28	(1C)	SIGNED	4	SSXSPRSN	Security Product Reason Code
		Definition of SSXSPRSN.			
		..1. .1..		SSXNEVER	"X'24'" For PSO receive-by-userid, the user can never receive the specified data set (short of a miracle)
		Logical IATXSEC Index (SSXINDEX) Definition SSXINDEX identifies the particular logical instance of IATXSEC in JES3. The indexes are defined as follows: | Range | IATXSEC Function | |----------| | 00 | INVALID | | 0001 - 00FF | RESERVED | | 0100 - 01FF | AUTH | | 0200 - 02FF | EXTRACT | | 0300 - 03FF | TOKENBLD | | 0400 - 04FF | TOKENMAP | | 0500 - 05FF | TOKENXTR | | 0600 - 06FF | VERIFYX | | 0700 - 07FF | AUDIT | | 0800 - 08FF | VERIFY | 0 | 0900 - 0FFF | RESERVED | 0 The names have the following format: SSXZZXXX Where ZZ is: IA - For REQUEST=AUTH calls IE - For REQUEST=EXTRACT calls IB - For REQUEST=TOKENBLD calls IM - For REQUEST=TOKENMAP calls IX - For REQUEST=TOKENXTR calls IV - For REQUEST=VERIFYX calls AU - For REQUEST=AUDIT calls VF - For REQUEST=VERIFY calls 0 and XXX is any three meaningful characters			
32	(20)	SIGNED	2	SSXINDEX	Logical IATXSEC Index
		AUTH Values			
		1		SSXIAUTH	"X'01'" AUTH Request
		NJE AUTH Values.			
32	(20)	BITSTRING	0	SSXIANOC	"X'0101'" IATISNJ Outbound NJE job stream create
32	(20)	BITSTRING	0	SSXIANJC	"X'0102'" IATISNJ NJE job JESMSGLG data set create
32	(20)	BITSTRING	0	SSXIANJO	"X'0103'" IATISNJ NJE job JESMSGLG data set open
32	(20)	BITSTRING	0	SSXIANRC	"X'0104'" IATNTRS Data set create for NJE SYSOUT REROUTE TO HOME NODE
32	(20)	BITSTRING	0	SSXIANRR	"X'0105'" IATNTRS Data set create for NJE SYSIN/SYSOUT REROUTE TO A REMOTE NODE
32	(20)	BITSTRING	0	SSXIANOS	"X'0106'" IATNTSD Outbound NJE stream writer access
32	(20)	BITSTRING	0	SSXIANOW	"X'0107'" IATNTSD Outbound NJE stream writer select
32	(20)	BITSTRING	0	SSXIANIC	"X'0108'" IATNTSF Inbound NJE SYSOUT data set create

Table 631. Structure SECSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
32	(20)	BITSTRING	0	SSXIANSC	"X'0109'" IATNTSF Store and forward NJE data IATOSNT set create
		Input Service Related AUTH Values.			
32	(20)	BITSTRING	0	SSXIAISC	"X'010A'" IATISEN System and / DATASET data set create
32	(20)	BITSTRING	0	SSXIAISO	"X'010B'" IATISEN System and / DATASET data set open
32	(20)	BITSTRING	0	SSXIAISD	"X'010C'" IATISEN / PROCESS DSP Auth calls
		SYSIN/SYSOUT Create/Open AUTH Value.			
32	(20)	BITSTRING	0	SSXIASIA	"X'010D'" IATSIAD SYSIN data set create
32	(20)	BITSTRING	0	SSXIASOC	"X'010E'" IATSIAD SYSOUT data set create 0075
32	(20)	BITSTRING	0	SSXIASIO	"X'010F'" IATSIOR SYSIN data set open
32	(20)	BITSTRING	0	SSXIASOO	"X'0110'" IATSIOR SYSOUT data set open
32	(20)	BITSTRING	0	SSXIASIR	"X'0111'" IATSIOR Internal reader open
		SYSIN/SYSOUT Purge AUTH Values.			
32	(20)	BITSTRING	0	SSXIADMJ	"X'0112'" IATDMJA Purge SYSIN/SYSOUT datasets
32	(20)	BITSTRING	0	SSXIADMA	"X'0113'" IATDMJA Purge SYSIN/SYSOUT datasets
32	(20)	BITSTRING	0	SSXIAMSM	"X'0114'" IATMSMS Purge SYSIN/SYSOUT datasets
32	(20)	BITSTRING	0	SSXIAOSD	"X'0115'" IATOSDR Purge SYSIN/SYSOUT datasets
32	(20)	BITSTRING	0	SSXIAOSP	"X'0116'" IATOSFP Purge SYSIN/SYSOUT datasets
		X'0117' Reserved 0			
32	(20)	BITSTRING	0	SSXIAOGC	"X'0118'" IATOSPC Purge SYSIN/SYSOUT datasets
32	(20)	BITSTRING	0	SSXIAOSC	"X'0119'" IATOSGR Purge SYSIN/SYSOUT datasets 0116
32	(20)	BITSTRING	0	SSXIAOSS	"X'011A'" IATOSGR Purge SYSIN/SYSOUT datasets 0116
32	(20)	BITSTRING	0	SSXIAOSW	"X'011B'" IATOSWP Purge SYSIN/SYSOUT datasets
32	(20)	BITSTRING	0	SSXIAPUR	"X'011C'" IATPURG Purge SYSIN/SYSOUT datasets
		Output Service AUTH Values.			
32	(20)	BITSTRING	0	SSXIAGRP	"X'011D'" IATGRAN / PROCESS JESNEWS authorization
32	(20)	BITSTRING	0	SSXIAGRO	"X'011E'" IATGRAN *X,JESNEWS authorization
32	(20)	BITSTRING	0	SSXIAOSR	"X'011F'" IATOSGR Job Zero Spinoff Create 0116

Table 631. Structure SECSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
32	(20)	BITSTRING	0	SSXIAOSO	"X'0120'" IATOSGR Job Zero Spinoff Open 0116 check
32	(20)	BITSTRING	0	SSXIASWC	"X'0121'" IATOSWC Print JESNEWS authorization
32	(20)	BITSTRING	0	SSXIAOS1	"X'0122'" IATOSGR WRITER class check for 0116 traditional writer
32	(20)	BITSTRING	0	SSXIAWD2	"X'0123'" IATOSWD WRITER class check for BSC/NJE writer
32	(20)	BITSTRING	0	SSXIAOS2	"X'0124'" IATOSBM WRITER class check for SNA/NJE or TCP/NJE writer
32	(20)	BITSTRING	0	SSXIAWD1	"X'0125'" IATOSWD JESSPOOL class check for traditional and BSC/NJE writer
32	(20)	BITSTRING	0	SSXIAOS3	"X'0126'" IATOSBM JESSPOOL class check for SNA/NJE or TCP/NJE writer
32	(20)	BITSTRING	0	SSXIAFG1	"X'0127'" IATOSFG JESSPOOL class check for FSS writer
		Process SYSOUT (PSO) AUTH Values.			
32	(20)	BITSTRING	0	SSXIAUG1	"X'0128'" IATOSPC PSO Get by user id
32	(20)	BITSTRING	0	SSXIAUG2	"X'0129'" IATOSPC PSO Put by user id
32	(20)	BITSTRING	0	SSXIAREA	"X'012A'" IATOSPC PSO Read
32	(20)	BITSTRING	0	SSXIAALT	"X'012B'" IATOSPC PSO Alter
		Miscellaneous AUTH Values.			
32	(20)	BITSTRING	0	SSXIACMD	"X'012C'" IATCNIA Command authorization
32	(20)	BITSTRING	0	SSXIADJ1	"X'012D'" IATDJIN Restore multi-record file
32	(20)	BITSTRING	0	SSXIACGP	"X'012E'" IATGRPR CBPRNT data set create
32	(20)	BITSTRING	0	SSXIAOGP	"X'012F'" IATGRPR CBPRNT data set open
32	(20)	BITSTRING	0	SSXIAGRW	"X'0130'" IATGRWQ TSO Cancel authorization
32	(20)	BITSTRING	0	SSXIADJ2	"X'0131'" IATDJIN Purge multi-record file
32	(20)	BITSTRING	0	SSXIANUM	"X'0132'" IATSINU Notify User node authority D004
		THIS LINE DELETED BY APAR OY58876			
32	(20)	BITSTRING	0	SSXIASRO	"X'0133'" IATSIOR Internal Reader REOPEN
		SYSOUT Application Programming Interface (SAPI) AUTH value.			
32	(20)	BITSTRING	0	SSXIASRD	"X'0134'" IATOSSO SAPI Read
32	(20)	BITSTRING	0	SSXIASAL	"X'0135'" IATOSSO SAPI Alter
		SSI 70 (SWB modify) AUTH value			
32	(20)	BITSTRING	0	SSXIASWB	"X'0136'" IATGR70 SWB_Modify
		Job class SAF checks			

Table 631. Structure SECSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
32	(20)	BITSTRING	0	SSXIACSI	"X'0137'" IATISEN IS job submitter job class SAF
32	(20)	BITSTRING	0	SSXIACOI	"X'0138'" IATISEN IS job owner job class SAF
32	(20)	BITSTRING	0	SSXIACSF	"X'0139'" IATGRWM *F job submitter job class SAF
32	(20)	BITSTRING	0	SSXIACOF	"X'013A'" IATGRWM *F job owner job class SAF
32	(20)	BITSTRING	0	SSXIACOD	"X'013B'" IATDJIN DJ job owner job class SAF
Reserved for User AUTH Values.					
32	(20)	BITSTRING	0	SSXIAU01	"X'01E0'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU02	"X'01E1'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU03	"X'01E2'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU04	"X'01E3'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU05	"X'01E4'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU06	"X'01E5'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU07	"X'01E6'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU08	"X'01E7'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU09	"X'01E8'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU10	"X'01E9'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU11	"X'01EA'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU12	"X'01EB'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU13	"X'01EC'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU14	"X'01ED'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU15	"X'01EE'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU16	"X'01EF'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU17	"X'01F0'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU18	"X'01F1'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU19	"X'01F2'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU20	"X'01F3'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU21	"X'01F4'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU22	"X'01F5'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU23	"X'01F6'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU24	"X'01F7'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU25	"X'01F8'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU26	"X'01F9'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU27	"X'01FA'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU28	"X'01FB'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU29	"X'01FC'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU30	"X'01FD'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU31	"X'01FE'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU32	"X'01FF'" Reserved for user
EXTRACT Values					
	.... ..1.			SSXIEXTR	"X'02'" EXTRACT Request

Table 631. Structure SECSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		Password Encryption EXTRACT Values.			
32	(20)	BITSTRING	0	SSXIEDJN	"X'0201'" IATDJIN Encrypt password
32	(20)	BITSTRING	0	SSXIEISJ	"X'0202'" IATISEN Encrypt password
32	(20)	BITSTRING	0	SSXIENPE	"X'0203'" IATISNJ Encrypt password
		FACILITY EXTRACT values.			
32	(20)	BITSTRING	0	SSXIECSI	"X'0220'" IS job submitter job class SAF
32	(20)	BITSTRING	0	SSXIECOI	"X'0221'" IS job owner job class SAF
32	(20)	BITSTRING	0	SSXIECSF	"X'0222'" *F job submitter job class SAF
32	(20)	BITSTRING	0	SSXIECOF	"X'0223'" *F job owner job class SAF
32	(20)	BITSTRING	0	SSXIECOD	"X'0224'" DJ job owner job class SAF
		Reserved for User EXTRACT Values.			
32	(20)	BITSTRING	0	SSXIEU01	"X'02E0'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU02	"X'02E1'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU03	"X'02E2'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU04	"X'02E3'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU05	"X'02E4'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU06	"X'02E5'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU07	"X'02E6'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU08	"X'02E7'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU09	"X'02E8'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU10	"X'02E9'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU11	"X'02EA'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU12	"X'02EB'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU13	"X'02EC'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU14	"X'02ED'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU15	"X'02EE'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU16	"X'02EF'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU17	"X'02F0'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU18	"X'02F1'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU19	"X'02F2'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU20	"X'02F3'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU21	"X'02F4'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU22	"X'02F5'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU23	"X'02F6'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU24	"X'02F7'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU25	"X'02F8'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU26	"X'02F9'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU27	"X'02FA'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU28	"X'02FB'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU29	"X'02FC'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU30	"X'02FD'" Reserved for user

Table 631. Structure SECSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
32	(20)	BITSTRING	0	SSXIEU31	"X'02FE'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU32	"X'02FF'" Reserved for user
	TOKENBLD Values				
	11			SSXITKBL	"X'03'" TOKENBLD Request
	NJE TOKENBLD Values.				
32	(20)	BITSTRING	0	SSXIBNIS	"X'0301'" IATNTJS Update token for inbound NJE SYSOUT stream
32	(20)	BITSTRING	0	SSXIBNRS	"X'0302'" IATNTRS Update token for rerouted NJE SYSOUT stream
	Input Service TOKENBLD Values.				
32	(20)	BITSTRING	0	SSXIBISJ	"X'0303'" IATISEN Update demand select job token with EXENODE/POE
32	(20)	BITSTRING	0	SSXIBISI	"X'0304'" IATISRI Update reader token with SESSION/POE (operator who called reader)
32	(20)	BITSTRING	0	SSXIBSRL	"X'0307'" IATISRL Update reader token with SESSION/POE (operator who started reader)
	Initialization TOKENBLD Values.				
32	(20)	BITSTRING	0	SSXIBINI	"X'0305'" IATINGN Create SYSLOW token for JESNEWS
32	(20)	BITSTRING	0	SSXIBING	"X'0306'" IATINGN Update JES3 token with EXENODE
	APPC TOKENBLD Values. 0				
32	(20)	BITSTRING	0	SSXIBSAD	"X'0308'" IATSIAD Update APPC transaction 0325 data set token with EXENODE 0325
	Reserved for User TOKENBLD Values.				
32	(20)	BITSTRING	0	SSXIBU01	"X'03E0'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU02	"X'03E1'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU03	"X'03E2'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU04	"X'03E3'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU05	"X'03E4'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU06	"X'03E5'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU07	"X'03E6'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU08	"X'03E7'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU09	"X'03E8'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU10	"X'03E9'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU11	"X'03EA'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU12	"X'03EB'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU13	"X'03EC'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU14	"X'03ED'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU15	"X'03EE'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU16	"X'03EF'" Reserved for user

Table 631. Structure SECSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
32	(20)	BITSTRING	0	SSXIBU17	"X'03F0'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU18	"X'03F1'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU19	"X'03F2'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU20	"X'03F3'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU21	"X'03F4'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU22	"X'03F5'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU23	"X'03F6'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU24	"X'03F7'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU25	"X'03F8'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU26	"X'03F9'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU27	"X'03FA'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU28	"X'03FB'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU29	"X'03FC'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU30	"X'03FD'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU31	"X'03FE'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU32	"X'03FF'" Reserved for user
TOKENMAP Values					
		.... .1..		SSXITKMP	"X'04'" TOKENMAP Request
NJE TOKENMAP Values.					
32	(20)	BITSTRING	0	SSXIMNJJ	"X'0401'" IATISNJ Convert job token to external format for outbound NJE job stream JH and/or to map its contents
32	(20)	BITSTRING	0	SSXIMNSD	"X'0402'" IATNTDH Convert job token to external format for outbound NJE SYSOUT stream DSH
32	(20)	BITSTRING	0	SSXIMNSJ	"X'0403'" IATNTHT Convert job token to external format for outbound NJE SYSOUT stream JH
32	(20)	BITSTRING	0	SSXIMNIJ	"X'0404'" IATNTJS Convert inbound NJE job stream JH token to internal format
32	(20)	BITSTRING	0	SSXIMNIS	"X'0405'" IATNTJS Convert inbound NJE SYSOUT stream JH token to internal format
32	(20)	BITSTRING	0	SSXIMNST	"X'0406'" IATNTJS Map inbound NJE SYSOUT stream token
32	(20)	BITSTRING	0	SSXIMNJU	"X'0407'" IATNTJS Map NJE job stream unknown user token
32	(20)	BITSTRING	0	SSXIMNSX	"X'0408'" IATNTSF Map token returned by IATUX67
32	(20)	BITSTRING	0	SSXIMNRS	"X'0409'" IATNTRS Convert rerouted NJE SYSOUT stream JH token to internal format
32	(20)	BITSTRING	0	SSXIMNRJ	"X'040A'" IATNTRS Convert rerouted NJE job stream JH token to internal format
32	(20)	BITSTRING	0	SSXIMNRT	"X'040B'" IATNTRS Map rerouted NJE SYSOUT stream token
32	(20)	BITSTRING	0	SSXIMNRX	"X'040C'" IATNTRS Map token returned by IATUX67

Table 631. Structure SECSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
32	(20)	BITSTRING	0	SSXIMNRB	"X'0415'" IATNTRS Map rerouted NJE SYSIN or 0588 SYSOUT Job-level token to 0588 external form 0588
32	(20)	BITSTRING	0	SSXIMNSE	"X'0419'" IATOSBP Convert inbound NJE SYSOUT stream DSH token to internal format
		Input Service TOKENMAP Values.			
32	(20)	BITSTRING	0	SSXIMISJ	"X'040D'" IATISEN Obtain information from job token during job validation
32	(20)	BITSTRING	0	SSXIMISE	"X'041C'" IATISEN Obtain information from submitter token for NJE jobs during job validation
		Output Service Related TOKENMAP Values.			
32	(20)	BITSTRING	0	SSXIMOSD	"X'040E'" IATOSDR Obtain information from JES3 token to update the job zero RQ
32	(20)	BITSTRING	0	SSXIMINI	"X'040F'" IATINGN Obtain information from 0116 JESNEWS token
32	(20)	BITSTRING	0	SSXIMOSO	"X'0412'" IATOSDO To place the Security label for the token into the MOSE
32	(20)	BITSTRING	0	SSXIMSIP	"X'041A'" IATSIOP Obtain information from JES3 token for PSO 0040
32	(20)	BITSTRING	0	SSXIMSMP	"X'0420'" IATSISO Obtain information from JES3 token for SAPI
		Miscellaneous TOKENMAP Values.			
32	(20)	BITSTRING	0	SSXIMDM1	"X'0410'" IATDMJA Obtain information from user token for PSO
32	(20)	BITSTRING	0	SSXIMDJ1	"X'0411'" IATDJIN Map job token during dump job input processing
32	(20)	BITSTRING	0	SSXIMOSN	"X'0413'" IATOSNT Map job token during NJE packaging for a destination
32	(20)	BITSTRING	0	SSXIMOS2	"X'0414'" IATOSNT Map job token during NJE packaging for a destination
32	(20)	BITSTRING	0	SSXIMAD1	"X'0416'" IATSIAD Map token during APPC SYSOUT Allocation
32	(20)	BITSTRING	0	SSXIMCD1	"X'0417'" IATGRCD Obtain information from user token for callable DSP
32	(20)	BITSTRING	0	SSXIMSTP	"X'0418'" IATIIST MAP TOKEN DURING SETUP OF C/I SECURITY ENVIRONMENT
32	(20)	BITSTRING	0	SSXIMAD2	"X'041B'" IATSIAD Map token during non-batch SYSOUT Allocation
32	(20)	BITSTRING	0	SSXIMSVJ	"X'0421'" IATGRES Map token for verbose job status
32	(20)	BITSTRING	0	SSXIMSVS	"X'0422'" IATGRES Map token for verbose output status
		Reserved for User TOKENMAP Values.			
32	(20)	BITSTRING	0	SSXIMU01	"X'04E0'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU02	"X'04E1'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU03	"X'04E2'" Reserved for user

Table 631. Structure SECSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
32	(20)	BITSTRING	0	SSXIMU04	"X'04E3'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU05	"X'04E4'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU06	"X'04E5'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU07	"X'04E6'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU08	"X'04E7'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU09	"X'04E8'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU10	"X'04E9'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU11	"X'04EA'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU12	"X'04EB'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU13	"X'04EC'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU14	"X'04ED'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU15	"X'04EE'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU16	"X'04EF'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU17	"X'04F0'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU18	"X'04F1'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU19	"X'04F2'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU20	"X'04F3'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU21	"X'04F4'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU22	"X'04F5'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU23	"X'04F6'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU24	"X'04F7'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU25	"X'04F8'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU26	"X'04F9'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU27	"X'04FA'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU28	"X'04FB'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU29	"X'04FC'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU30	"X'04FD'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU31	"X'04FE'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU32	"X'04FF'" Reserved for user
TOKENXTR Values					
.... .1.1				SSXITKXT	"X'05'" TOKENXTR Request
32	(20)	BITSTRING	0	SSXIXDMD	"X'0501'" IATDMDM Extract token of job's address space for ENDREQ processing to start a demand select job
32	(20)	BITSTRING	0	SSXIXDME	"X'0502'" IATDMEB3 Extract token of job's 11485TAC address space for internal reader ENDREQ processing
32	(20)	BITSTRING	0	SSXIXJNW	"X'0503'" IATINGN Extract JES3's token
32	(20)	BITSTRING	0	SSXIXSIA	"X'0504'" IATSIAD Extract token of job's address space for PSO/SAPI unallocation
32	(20)	BITSTRING	0	SSXIXSIC	"X'0505'" IATSICC Extract token of job's address space for internal reader ENDREQ processing
32	(20)	BITSTRING	0	SSXIXSCN	"X'0506'" IATSICN Extract token of job's address space for TSO cancel

Table 631. Structure SECSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
32	(20)	BITSTRING	0	SSXIXSIJ	"X'0507'" IATSIJS Extract token for job who issued request jobid
32	(20)	BITSTRING	0	SSXIXPAL	"X'0508'" IATSIOP Extract token of job's address space for PSO allocation
32	(20)	BITSTRING	0	SSXIXSAD	"X'0509'" IATSIAD Extract data set token FOR SYSOUT ALLOCATION
32	(20)	BITSTRING	0	SSXIXNUM	"X'050A'" IATSINU Notify User token D004
32	(20)	BITSTRING	0	SSXIXSIR	"X'050B'" IATSIOR EXTRACT TOKEN OF JOB'S ADDRESS SPACE FOR INTERNAL READER SYSOUT CREATION
32	(20)	BITSTRING	0	SSXIXSAL	"X'050C'" IATSISO Extract token of job's address space for SAPI allocation
32	(20)	BITSTRING	0	SSXIXSWB	"X'050D'" IATSI70 Extract token of job's address space for SSI 70 (SWB_Modify)
Reserved for User TOKENXTR Values.					
32	(20)	BITSTRING	0	SSXIXU01	"X'05E0'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU02	"X'05E1'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU03	"X'05E2'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU04	"X'05E3'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU05	"X'05E4'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU06	"X'05E5'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU07	"X'05E6'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU08	"X'05E7'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU09	"X'05E8'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU10	"X'05E9'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU11	"X'05EA'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU12	"X'05EB'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU13	"X'05EC'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU14	"X'05ED'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU15	"X'05EE'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU16	"X'05EF'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU17	"X'05F0'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU18	"X'05F1'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU19	"X'05F2'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU20	"X'05F3'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU21	"X'05F4'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU22	"X'05F5'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU23	"X'05F6'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU24	"X'05F7'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU25	"X'05F8'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU26	"X'05F9'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU27	"X'05FA'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU28	"X'05FB'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU29	"X'05FC'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU30	"X'05FD'" Reserved for user

Table 631. Structure SECSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
32	(20)	BITSTRING	0	SSXIXU31	"X'05FE'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU32	"X'05FF'" Reserved for user
	VERIFYX Values				
	.... .11.			SSXIVFYX	"X'06'" VERIFYX Request
	NJE VERIFYX Values.				
32	(20)	BITSTRING	0	SSXIVNJE	"X'0601'" IATCNNJ NJE node validation
32	(20)	BITSTRING	0	SSXIVNOI	"X'0602'" IATISNJ Create INTRDR token for outbound NJE job stream
32	(20)	BITSTRING	0	SSXIVNOE	"X'0603'" IATISNJ Create unknown user token for outbound NJE job stream
32	(20)	BITSTRING	0	SSXIVNJV	"X'0604'" IATISNJ Job validation for outbound NJE job stream
32	(20)	BITSTRING	0	SSXIVNIS	"X'0605'" IATNTJS Job validation for inbound NJE SYSOUT stream
32	(20)	BITSTRING	0	SSXIVNIU	"X'0606'" IATNTJS Create unknown user token for inbound NJE SYSOUT stream
32	(20)	BITSTRING	0	SSXIVNJU	"X'0607'" IATNTJS Create unknown user token for store and forward NJE job stream
32	(20)	BITSTRING	0	SSXIVNRR	"X'0609'" IATNTRS Reverify token for NJE reroute to a remote node
32	(20)	BITSTRING	0	SSXIVNRS	"X'060A'" IATNTRS Job validation for NJE SYSOUT rerouted to the home node
32	(20)	BITSTRING	0	SSXIVNRU	"X'060B'" IATNTRS Create unknown user token for NJE SYSOUT rerouted to the home node
	Input Service VERIFYX Values.				
32	(20)	BITSTRING	0	SSXIVISJ	"X'060D'" IATISEN Job validation for jobs destined for execution on this node
	RJP VERIFYX Values.				
32	(20)	BITSTRING	0	SSXIVRJM	"X'060E'" IATRJM3 BSC RJP SIGNON
32	(20)	BITSTRING	0	SSXIVSNL	"X'060F'" IATSNLS SNA RJP LOGON
	Dump Job VERIFYX Values.				
32	(20)	BITSTRING	0	SSXIVDJ1	"X'0610'" IATDJIN Verify a job from a previous JES3 release
32	(20)	BITSTRING	0	SSXIVDJ2	"X'0611'" IATDJIN Verify a job from the current JES3 release
32	(20)	BITSTRING	0	SSXIVDJ3	"X'0612'" IATDJIN Verify a job whose session type is TKNUNKWN
	Reserved for User VERIFYX Values.				
32	(20)	BITSTRING	0	SSXIVU01	"X'06E0'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU02	"X'06E1'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU03	"X'06E2'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU04	"X'06E3'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU05	"X'06E4'" Reserved for user

Table 631. Structure SECSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
32	(20)	BITSTRING	0	SSXIVU06	"X'06E5'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU07	"X'06E6'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU08	"X'06E7'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU09	"X'06E8'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU10	"X'06E9'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU11	"X'06EA'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU12	"X'06EB'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU13	"X'06EC'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU14	"X'06ED'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU15	"X'06EE'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU16	"X'06EF'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU17	"X'06F0'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU18	"X'06F1'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU19	"X'06F2'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU20	"X'06F3'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU21	"X'06F4'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU22	"X'06F5'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU23	"X'06F6'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU24	"X'06F7'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU25	"X'06F8'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU26	"X'06F9'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU27	"X'06FA'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU28	"X'06FB'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU29	"X'06FC'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU30	"X'06FD'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU31	"X'06FE'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU32	"X'06FF'" Reserved for user
AUDIT Values.					
.... .111				SSXIAUDT	"X'07'" AUDIT Request
Job Deletion AUDIT Values.					
32	(20)	BITSTRING	0	SSXAUJVL	"X'0701'" IATINJR Job Validation deletion
32	(20)	BITSTRING	0	SSXAUCAN	"X'0702'" IATGRWM Cancel delete-only job
Reserved for User AUDIT Values.					
32	(20)	BITSTRING	0	SSXAUU01	"X'07E0'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU02	"X'07E1'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU03	"X'07E2'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU04	"X'07E3'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU05	"X'07E4'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU06	"X'07E5'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU07	"X'07E6'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU08	"X'07E7'" Reserved for user

Table 631. Structure SECSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
32	(20)	BITSTRING	0	SSXAUU09	"X'07E8'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU10	"X'07E9'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU11	"X'07EA'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU12	"X'07EB'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU13	"X'07EC'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU14	"X'07ED'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU15	"X'07EE'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU16	"X'07EF'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU17	"X'07F0'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU18	"X'07F1'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU19	"X'07F2'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU20	"X'07F3'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU21	"X'07F4'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU22	"X'07F5'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU23	"X'07F6'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU24	"X'07F7'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU25	"X'07F8'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU26	"X'07F9'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU27	"X'07FA'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU28	"X'07FB'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU29	"X'07FC'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU30	"X'07FD'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU31	"X'07FE'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU32	"X'07FF'" Reserved for user
VERIFY Values. 0					
		.... 1...		SSXIVRFY	"X'08'" VERIFY Request 0039
C/I Subtask VERIFY Values. 0					
32	(20)	BITSTRING	0	SSXVFCRT	"X'0801'" IATIIST Create ACEE for C/I 0039
32	(20)	BITSTRING	0	SSXVFDEL	"X'0802'" IATIIST Delete ACEE for C/I 0039
Reserved for User VERIFY Values. 0					
32	(20)	BITSTRING	0	SSXVFU01	"X'08E0'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU02	"X'08E1'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU03	"X'08E2'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU04	"X'08E3'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU05	"X'08E4'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU06	"X'08E5'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU07	"X'08E6'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU08	"X'08E7'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU09	"X'08E8'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU10	"X'08E9'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU11	"X'08EA'" Reserved for user 0039

Table 631. Structure SECSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
32	(20)	BITSTRING	0	SSXVFU12	"X'08EB'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU13	"X'08EC'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU14	"X'08ED'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU15	"X'08EE'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU16	"X'08EF'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU17	"X'08F0'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU18	"X'08F1'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU19	"X'08F2'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU20	"X'08F3'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU21	"X'08F4'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU22	"X'08F5'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU23	"X'08F6'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU24	"X'08F7'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU25	"X'08F8'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU26	"X'08F9'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU27	"X'08FA'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU28	"X'08FB'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU29	"X'08FC'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU30	"X'08FD'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU31	"X'08FE'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU32	"X'08FF'" Reserved for user 0039
		User Exit Read-Write Values. The following information can be updated by IATUX58 and IATUX59. Modifying these values will affect the information passed on the RACROUTE macro. The value in parenthesis is the keyword on the IATXSEC macro that causes the field to be filled in. IATXSEC Keyword Information. Access Authority Attribute (ATTR)			
34	(22)	BITSTRING	1	SSXATTR	Access Authority Attribute
		1...		SSXAALTR	"X'80'" Alter access
		.... 1...		SSXACNTL	"X'08'" Control access
		.... .1..		SSXAUPDT	"X'04'" Update access
		.... ..1.		SSXAREAD	"X'02'" Read access
		Execution Node (EXENODE)			
35	(23)	CHARACTER	9	SSXEXNOD(0)	Execution Node
35	(23)	CHARACTER	1	SSXEXNDL	Execution Node Length
36	(24)	CHARACTER	8	SSXEXNDF	Execution Node Field
		Entity Name (ENTITY or ENTITYX) SSXENTIT is in ENTITY format unless SSX1ENTX is set.			
44	(2C)	CHARACTER	53	SSXENTIT	Entity or Entityx name
		Group Name (GROUP)			
97	(61)	CHARACTER	9	SSXGROUP(0)	Group Name
97	(61)	CHARACTER	1	SSXGROUL	Group Name Length

Table 631. Structure SECSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
98	(62)	CHARACTER	8	SSXGROUF	Group Name Field
	Job Name (JOBNAME)				
106	(6A)	CHARACTER	8	SSXJOBNM	Job Name
	Log Option (LOG)				
114	(72)	BITSTRING	1	SSXLOG	LOG OPTION
		1		SSXASIS	"X'01'" LOG=ASIS
		.... ..1.		SSXNFAIL	"X'02'" LOG=NFAIL
		11		SSXNSTAT	"X'03'" LOG=NSTAT
		.... .1..		SSXNONE	"X'04'" LOG=NONE
	Log String (LOGSTR)				
115	(73)	CHARACTER	256	SSXLGSTR(0)	Log String
115	(73)	CHARACTER	1	SSXLGSTL	Log String Length
116	(74)	CHARACTER	255	SSXLGSTF	Log String Field
	New Password (NEWPASS)				
371	(173)	CHARACTER	9	SSXNPASS(0)	New Password
371	(173)	CHARACTER	1	SSXNPASL	New Password Length
372	(174)	CHARACTER	8	SSXNPASF	New Password Field
	Password Checking Option (PASSCHK)				
380	(17C)	BITSTRING	1	SSXPASCK	Password Checking Option
		1		SSXPCYES	"X'01'" PASSCHK=YES
		.... ..1.		SSXPCNO	"X'02'" PASSCHK=NO
	Old Password (PASSWORD)				
381	(17D)	CHARACTER	9	SSXPASWD(0)	Password
381	(17D)	CHARACTER	1	SSXPASWL	Password Length
382	(17E)	CHARACTER	8	SSXPASWF	Password Field
	Port (Point) of Entry (POE)				
390	(186)	CHARACTER	8	SSXPOE	Port of Entry
	Receiving User Name (RECVR)				
398	(18E)	CHARACTER	8	SSXRECVR	Receiver Name
	Resource Token (RTOKEN)				
406	(196)	BITSTRING	1	SSXRTOKN	Resource Token
	Security Label (SECLABEL)				
486	(1E6)	CHARACTER	8	SSXSECLB	Security Label
	Submitter's Group (SGROUP)				

Table 631. Structure SECSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
494	(1EE)	CHARACTER	9	SSXSGRP(0)	Submitter's Group
494	(1EE)	CHARACTER	1	SSXSGRPL	Submitter's Group Length
495	(1EF)	CHARACTER	8	SSXSGRPF	Submitter's Group Field
	Submitter's Node (SNODE)				
503	(1F7)	CHARACTER	9	SSXSNODE(0)	Submitter's Node
503	(1F7)	CHARACTER	1	SSXSNODL	Submitter's Node Length
504	(1F8)	CHARACTER	8	SSXSNODF	Submitter's Node Field
	Submitter's Token (STOKEN)				
512	(200)	BITSTRING	1	SSXSTOKN	Submitter's Token
	Submitter's Userid (SUSERID)				
592	(250)	CHARACTER	9	SSXSUSRI(0)	Submitter's User id
592	(250)	CHARACTER	1	SSXSUSRL	Submitter's User id Length
593	(251)	CHARACTER	8	SSXSUSRF	Submitter's User id Field
	Input Token (TOKNIN)				
601	(259)	BITSTRING	1	SSXTOKIN	Input Token
	Output Token (TOKNOUT)				
681	(2A9)	BITSTRING	1	SSXTOKOT	Output Token
	Trusted User Attribute (TRUSTED)				
761	(2F9)	BITSTRING	1	SSXTRUST	Trusted User Attribute
		1		SSXTRYES	"X'01'" TRUSTED=YES
		.... ..1.		SSXTRNO	"X'02'" TRUSTED=NO
	User Id (USERID)				
762	(2FA)	CHARACTER	9	SSXUSERI(0)	User Id
762	(2FA)	CHARACTER	1	SSXUSERL	User Id Length
763	(2FB)	CHARACTER	8	SSXUSERF	User Id Field
	User Token (UTOKEN)				
771	(303)	BITSTRING	1	SSXUTOKN	User Token
	SAF Work Area Address - SSXWORKA points to a 512 byte work area that can be used by the user exits.				
852	(354)	SIGNED	4	SSXWORKA	SAF Work Area Address
	Miscellaneous Read/Write data that applies to the specific IATXSEC function being invoked. TSO Cancel Data.				
856	(358)	ADDRESS	4	SSXPSSCS	IEFSSCS address
860	(35C)	ADDRESS	4	SSXPTMID	Tso Terminal Id address
	Tokenout for REQUEST = TOKENMAP 0				

Table 631. Structure SECSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
864	(360)	ADDRESS	4	SSXTKOUT	Address of Output Token 0040
		Session Type (SESSION)			
868	(364)	BITSTRING	1	SSXSSION	Session Type
		1		SSXSSEXB	"X'01'" SESSION=EXTBATCH
		.... ..1.		SSXSSINB	"X'02'" SESSION=INTBATCH
		11		SSXSSNJB	"X'03'" SESSION=NJEBATCH
		.... .1..		SSXSSRJB	"X'04'" SESSION=RJEBATCH
		.... .1.1		SSXSSNJO	"X'05'" SESSION=NJEOPER
		.... .11.		SSXSSRJO	"X'06'" SESSION=RJEOPER
		.... .111		SSXSSSTR	"X'07'" SESSION=STARTED
		.... 1...		SSXSSTSO	"X'08'" SESSION=TSO
		.... 1..1		SSXSSNJS	"X'09'" SESSION=NJSYSOUT
		.... 1.1.		SSXSSTKU	"X'0A'" SESSION=TKNUNKWN
		Reserved Fields.			
869	(365)	BITSTRING	1	SSXRWRSF(3)	Reserved for Development
872	(368)	SIGNED	4	SSXRWRSD(2)	Reserved for Development 0040
880	(370)	SIGNED	4	SSXRWRSS(7)	RESERVED FOR SERVICE
		STARTED PROCEDURE NAME (START)			
908	(38C)	CHARACTER	8	SSXSTPRC	STARTED PROCEDURE NAME
		Input Service VERIFYX call			
916	(394)	ADDRESS	4	SSXACTIA	Accounting Info address
		User Exit Read-Only Values. The following information can only be read by IATUX58 and IATUX59. Modifying these values will not affect the information passed on the RACROUTE macro. The value in parenthesis is the keyword on the IATXSEC macro that causes the field to be filled in. IATXSEC Keyword Information. Resource Class (CLASS)			
920	(398)	CHARACTER	8	SSXCLASS	Resource Class
		Message Control Options (MSGCNTL)			
928	(3A0)	BITSTRING	1	SSXMCNTL	Message Control Options
		1		SSXMCWTO	"X'01'" Write messages to the operator. If off, messages should be suppressed.
		.... ..1.		SSXMCRTN	"X'02'" Return messages to the caller. If off, messages should not be returned
		.... .1..		SSXMCJES	"X'04'" Write messages to JESMSGLG, that is, the exit should return messages so that they can be written to JESMSGLG. If off, don't write messages to JESMSGLG.
		IATXSEC Mode (MODE)			

Table 631. Structure SECSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
929	(3A1)	BITSTRING	1	SSXMODE	IATXSEC Mode
		1...		SSXNUCMD	"X'80'" JES3 Nuc Task Mode - Set when MODE=NUCTASK is specified on IATXSEC macro
		.1..		SSXINIMD	"X'40'" JES3 Initialization Mode - Set when MODE=INIT is specified on IATXSEC macro
		..1.		SSXSTKMD	"X'20'" JES3 Subtask Mode - Set when MODE=SUBTASK is specified on IATXSEC macro
		...1		SSXUSRMD	"X'10'" User Address Space Mode - Set when MODE=user is specified on IATXSEC macro
Output Token Format (FORMOUT)					
930	(3A2)	BITSTRING	1	SSXFRMOT	Output Token Format
		1...		SSXFOINT	"X'80'" Convert token from external to internal (encrypted) format
		.1..		SSXFOEXT	"X'40'" Convert token from internal (encrypted) to external format
Remote Job Indicator (REMOTE)					
931	(3A3)	BITSTRING	1	SSXREMOT	Remote Job Indicator
		1		SSXRMYES	"X'01'" REMOTE=YES
		.... ..1.		SSXRMNO	"X'02'" REMOTE=NO
Encryption Address and Method - and - Password Encryption Attribute (ENCRYPT) For VERIFYX requests, SSXENCRT contains the encryption attribute. For EXTRACT (ENCRYPT) requests, SSXENCRY contains the address of a one byte length field, followed by the data to be encrypted, and SSXENCME contains the encryption method to be used.					
932	(3A4)	ADDRESS	4	SSXENCRY	Address of length/data to be encrypted
936	(3A8)	BITSTRING	1	SSXENCME	Encryption method to be used
		1...		SSXENDES	"X'80'" ENCRYPT=(,DES)
		.1..		SSXENINS	"X'40'" ENCRYPT=(,INST)
		..1.		SSXENHAS	"X'20'" ENCRYPT=(,HASH)
936	(3A8)	X'3A8'	0	SSXENCRT	"SSXENCME" Encryption attribute
		1		SSXENCYS	"X'01'" ENCRYPT=YES
		.... ..1.		SSXENCNO	"X'02'" ENCRYPT=NO
Environment-Create or Delete ACEE (ENVIR) 0					
937	(3A9)	BITSTRING	1	SSXENV	ENVIRONMENT 0039
		1		SSXENVCR	"X'01'" ENVIRONMENT=CREATE 0039
		.... ..1.		SSXENVDL	"X'02'" ENVIRONMENT=DELETE 0039
Miscellaneous Read/Only data that applies to the specific IATXSEC function being invoked. NJE Information (NJE AUTH calls)					
940	(3AC)	SIGNED	4	SSXNJEJH	Address of NJE job header
944	(3B0)	SIGNED	4	SSXNJEDH	Address of NJE data set header

Table 631. Structure SECSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		Output Service Information (Traditional and FSS Writer as well as Process SYSOUT AUTH calls).			
948	(3B4)	SIGNED	2	SSXWPSLC	WSPSELC (Logical length of WSPSELM)
950	(3B6)	CHARACTER	8	SSXWJNAM	WTRDJNAM (Job Name)
958	(3BE)	CHARACTER	8	SSXWJBID	WTRDJID (Job Id)
966	(3C6)	BITSTRING	24	SSXDDSN	WTRDDSN (Writer DDname)
990	(3DE)	BITSTRING	16	SSXWPSLM	WSPSELM (Selection mask)
1006	(3EE)	BITSTRING	1	SSXOPRTY	OSEPRTY (Priority of OSE)
1007	(3EF)	BITSTRING	8	SSXODEST	OSEDEST (Destination)
1015	(3F7)	CHARACTER	4	SSXOMDID	OSEMODID (Copy Mod Id)
1019	(3FB)	BITSTRING	1	SSXOSTCK	OSESTACK (Stacker required)
1020	(3FC)	CHARACTER	8	SSXOTYPE	OSETYPE (Requested type)
1028	(404)	CHARACTER	8	SSXOFRMS	OSEFORMS (Required forms)
1036	(40C)	CHARACTER	4	SSXOFLSH	OSEFLASH (Required flash)
1040	(410)	CHARACTER	4	SSXOUCS	OSEUCS (Required UCS Id)
1044	(414)	BITSTRING	1	SSXOCLSS	OSECLASS (SYSOUT class)
1045	(415)	CHARACTER	8	SSXOMODE	OSEMODE (Process mode)
1053	(41D)	BITSTRING	1	SSXOFLAG	OSEFLAG (PSO/SAPI call only)
1054	(41E)	CHARACTER	8	SSXOWTRN	OSE WRITER NAME (PSO/SAPI)
1062	(426)	BITSTRING	1	SSXODISP	OSEODISP (PSO/SAPI call only)
1063	(427)	BITSTRING	1	SSXORSVD	Reserved for Development
1064	(428)	ADDRESS	4	SSXOSSSO	Pointer to PSO's IEFSSSO/ SAPI's IAZSSS2
1068	(42C)	BITSTRING	1	SSXJRFL1	JNRSFL1 Flag
		Definition of SSXJRFL1 (Same as JNRSFL1)			
		1...		SSXPRG	"X'80'" Data set to be purged
		.... .1..		SSXLCL	"X'04'" This is the local JESNEWS
		.... ..1.		SSXTSO	"X'02'" This is the TSO JESNEWS
		1		SSXRJP	"X'01'" This is the RJP JESNEWS
		.... .111		SSXDSN	"X'07'" Mask for all the datasets
1069	(42D)	BITSTRING	1	SSXNEWFL	JNEWFL1 Flag
		Definition of SSXNEWFL (Same as JNEWFL1)			
		.1..		SSXJNEW	"X'40'" Request for add JESNEWS
		..1.		SSXJREP	"X'20'" Request for replace JESNEWS
		...1		SSXJDEL	"X'10'" Request for delete JESNEWS
		.111		SSXJTYP	"X'70'" Mask for all requests
		.... 1...		SSXPRCS	"X'08'" / PROCESS job
		1...		SSXPWD	"X'80'" Password entered correctly
		Definition of SSX1FLAG			
1070	(42E)	BITSTRING	1	SSX1FLAG	Flag 1
		1...		SSX1ENTX	"X'80'" SSXENTIT is in ENTITYX form
		.1..		SSX1F40	"X'40'" Reserved for IBM

Table 631. Structure SECSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		SSX1F20	"X'20'" Reserved for IBM
		...1		SSX1F10	"X'10'" Reserved for IBM
		.... 1...		SSX1F08	"X'08'" Reserved for IBM
		.... .1..		SSX1F04	"X'04'" Reserved for IBM
		.... ..1.		SSX1F02	"X'02'" Reserved for IBM
		1		SSX1F01	"X'01'" Reserved for IBM
	Reserved Fields.				
1071	(42F)	BITSTRING	1	SSXRORS1(3)	Reserved for IBM
1076	(434)	SIGNED	4	SSXRORSD(3)	Reserved for IBM
1088	(440)	SIGNED	4	SSXRORSS(10)	Reserved for IBM
	Input Parameters Common to All IATXSEC Calls.				
1128	(468)	ADDRESS	4	SECRQ	RQ address - set when the RQ keyword is specified on the IATXSEC macro
1132	(46C)	ADDRESS	4	SECFDB	FDB address - set when the FDB keyword is specified on the IATXSEC macro
1136	(470)	SIGNED	2	SECLINES	Number of output lines written to the data set specified by the IATXSEC FDB parameter. This field is really an IATXSEC output value but can be passed as an input value so that you can accumulate the line count across multiple IATXSEC calls
	Input Parameters Specific to Certain IATXSEC calls. System Authorization (SAF) Class - IATXSEC Parameter - CLASS Applicable IATXSEC Functions - REQUEST=AUTH, EXTRACT				
1138	(472)	CHARACTER	9	SECCLASS(0)	SAF Class
1138	(472)	CHARACTER	1	SECCLASL	Length of SAF Class
1139	(473)	CHARACTER	8	SECCLAS	Class Name
	Encryption Address and Method - and - Password Encryption Attribute IATXSEC Parameter - ENCRYPT Applicable IATXSEC Functions - REQUEST=EXTRACT, VERIFYX				
1148	(47C)	ADDRESS	4	SECENCRY	Encrypt data address (only used for EXTRACT - TYPE=ENCRYPT requests)
1152	(480)	BITSTRING	1	SECENCME	Encryption method to be used (only used for EXTRACT - TYPE=ENCRYPT requests)
1152	(480)	X'80'	0	SECENDES	"SSXENDES" ENCRYPT=(,DES) was specified
1152	(480)	X'40'	0	SECENINS	"SSXENINS" ENCRYPT=(,INST) was specified
1152	(480)	X'20'	0	SECENHAS	"SSXENHAS" ENCRYPT=(,HASH) was specified
1152	(480)	X'480'	0	SECENCRT	"SECENCME" Password Encryption Attribute (only used for VERIFYX requests)
1152	(480)	X'1'	0	SECENCYS	"SSXENCYS" ENCRYPT=YES was specified
1152	(480)	X'2'	0	SECENCNO	"SSXENCNO" ENCRYPT=NO was specified

Table 631. Structure SECSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		ENVIRONMENT Parameter 0 IATXSEC Parameter - ENVIR 0 Applicable IATXSEC Functions - REQUEST=VERIFY 0			
1153	(481)	BITSTRING	1	SECENV	Envir Parameter 0039
1153	(481)	X'1'	0	SECENVCR	"SSXENVCR" ENVIR=CREATE was specified 0039
1153	(481)	X'2'	0	SECENVDL	"SSXENVDL" ENVIR=DELETE was specified 0039
		Format of Output Token IATXSEC Parameter - FORMOUT Applicable IATXSEC Functions - REQUEST=TOKENMAP			
1154	(482)	BITSTRING	1	SECFRMOT	Format of Output token
1154	(482)	X'80'	0	SECFOINT	"SSXFOINT" Convert token from external to internal (encrypted) format
1154	(482)	X'40'	0	SECFOEXT	"SSXFOEXT" Convert token from internal (encrypted) to external format
		Fields to be Extracted. IATXSEC Parameter - FIELDS Applicable IATXSEC Functions - REQUEST=EXTRACT			
1156	(484)	SIGNED	4	SECFLDST(0)	Start of Fields
1156	(484)	SIGNED	4	SECFLDNO	Number of Fields
1160	(488)	CHARACTER	8	SECFLDDT	Field Data
1160	(488)	X'484'	0	SECFIELD	"SECFLDST,*-SECFLDST,C'C'" Fields
		SMF Record Character String IATXSEC Parameter - LOGSTR Applicable IATXSEC Functions - REQUEST=AUTH, VERIFYX, TOKENBLD, AUDIT, VERIFY 0			
1168	(490)	ADDRESS	4	SECLOGST	Address of Log string
		Remote Job Indication IATXSEC Parameter - REMOTE Applicable IATXSEC Functions - REQUEST=VERIFYX			
1172	(494)	BITSTRING	1	SECREMOT	Remote Job Indication
1172	(494)	X'1'	0	SECRMYES	"SSXRMYES" REMOTE=YES was specified
1172	(494)	X'2'	0	SECRMNO	"SSXRMNO" REMOTE=NO was specified
1173	(495)	BITSTRING	1	SECGFLG1	General Flag One
		Definition of SECGFLG1			
		1...		SECGPWEC	"X'80'" Passwords are Encrypted
		.1..		SECGRS40	"X'40'" Reserved flag
		..1.		SECGRS20	"X'20'" Reserved flag
		...1		SECGRS10	"X'10'" Reserved flag
		.... 1...		SECGRS08	"X'08'" Reserved flag
		.... .1..		SECGRS04	"X'04'" Reserved flag
		.... ..1.		SECGRS02	"X'02'" Reserved flag

Table 631. Structure SECSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1		SECGRS01	"X'01'" Reserved flag
		IATXSEC Output Area - This area contains information that is passed back to the issuer of IATXSEC. The entire output area is cleared by the IATXSEC routine.			
1174	(496)	BITSTRING	1	SECOUTST(0)	IATXSEC Output Area
		Return and reason codes.			
1174	(496)	BITSTRING	1	SECRTNCD	IATXSEC Return Code
		Definition of SECRTNCD			
1174	(496)	X'0'	0	SECRCACC	"0" Accept
1174	(496)	X'4'	0	SECRCNDC	"4" No Decision
1174	(496)	X'8'	0	SECRCREJ	"8" Reject
		Miscellaneous Output Information.			
1176	(498)	SIGNED	4	SECMSGHD	Message Chain Header
1180	(49C)	ADDRESS	4	SECEAREA	Address of Extract Return Area
		Recovery related flag byte. This flag byte can be used by the recovery routines of modules which use the IATXSEC service to determine whether special recovery processing needs to be performed.			
1184	(4A0)	BITSTRING	1	SECFLAG1	Recovery related flag
		Definition of SECFLAG1.			
		1...		SECUX58F	"X'80'" IATUX58 is in control
		.1..		SECUX59F	"X'40'" IATUX59 is in control
		..1.		SECRECUR	"X'20'" Recursion indicator - set when IATXSEC JESTAE exit is entered for the first time
		...1		SECJMSOP	"X'10'" JESMSG data set is open
		.... 1...		SECFL108	"X'08'" Reserved Flag
		.... .1..		SECFL104	"X'04'" Reserved Flag
		.... ..1.		SECFL102	"X'02'" Reserved Flag
		1		SECFL101	"X'01'" Reserved Flag
		End of IATXSEC Output Area.			
1185	(4A1)	BITSTRING	1	SECOUTEN(0)	End of IATXSEC Output Area
1185	(4A1)	X'B'	0	SECOUTSZ	"SECOUTEN-SECOUTST" Size of IATXSEC Output Area
		IATXSEC Work Area - This area contains information used by the IATXSEC service routine. Callers of IATXSEC should not rely on any data that is left in this area when the IATXSEC service completes.			
1188	(4A4)	SIGNED	4	SECSAVE(18)	Register save area
1260	(4EC)	ADDRESS	4	SECBASE	Base register save area
1264	(4F0)	ADDRESS	4	SECRETRN	Return register save area
1268	(4F4)	CHARACTER	8	SECSUBSY	Subsystem Name

Table 631. Structure SECSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		RACROUTE Parameter Lists.			
1276	(4FC)	SIGNED	4	SECLIST(0)	RACROUTE Parmlists
		RACROUTE REQUEST=AUTH Parameter List RACROUTE REQUEST=AUTH, RACROUTE AUTH Parmlist X			
		RACROUTE REQUEST=EXTRACT Parameter List.			
		RACROUTE REQUEST=EXTRACT, RACROUTE EXTRACT Parmlist X			
		RACROUTE REQUEST=TOKENBLD Parameter List			
		RACROUTE REQUEST=TOKENBLD, RACROUTE TOKENBLD Parmlist X			
		RACROUTE REQUEST=TOKENMAP Parameter List			
		RACROUTE REQUEST=TOKENMAP, RACROUTE TOKENMAP Parmlist X			
		RACROUTE REQUEST=TOKENXTR Parameter List			
		RACROUTE REQUEST=TOKENXTR, RACROUTE TOKENXTR Parmlist X			
		RACROUTE REQUEST=VERIFYX Parameter List			
		RACROUTE REQUEST=VERIFYX, RACROUTE VERIFYX Parmlist X			
		RACROUTE REQUEST=AUDIT Parameter List 0			
		RACROUTE REQUEST=AUDIT, RACROUTE AUDIT Parmlist 0			
		RACROUTE REQUEST=VERIFY Parameter List 0			
		RACROUTE REQUEST=VERIFY, RACROUTE VERIFY Parmlist 0			
		Reserve size of largest parameter list.			
1480	(5C8)	X'CC'	0	SECLISTL	"*-SECLIST" Length of largest list area
		SAF Work Area			
1480	(5C8)	BITSTRING	512	SECWORK	SAF Work Area
		Work area for building IATXSEC description for IATXCSF request.			
1480	(5C8)	CHARACTER	16	SECSTDSC(0)	IATXCSF description text
1480	(5C8)	CHARACTER	8	SECSTPFX	Prefix information

Table 631. Structure SECSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1488	(5D0)	CHARACTER	4	SECSTIDX	SSXINDEX converted to printable hex
	Message Work Area for issuing JESMSG.				
1480	(5C8)	CHARACTER	121	SECJESMG(0)	JESMSG message area
1480	(5C8)	CHARACTER	1	SECJESML	Message length
1481	(5C9)	CHARACTER	120	SECJESMT	Message text - This is used by the IATXSEC service routine to convert the message from WTO form to JESMSG form
1604	(644)	ADDRESS	4	SECMLPTR	Pointer to MLTE (the address of SECMLPTR is passed to IEAVM703)
1608	(648)	SIGNED	4	SECMLTE(0)	Start of Multi-Line WTO Text Extraction Parameter LIST (MLTE)
	DSECT for issuing IAT6300 via WTO				
1608	(648)	SIGNED	4	IAT6300(0)	
1608	(648)	ADDRESS	2		TEXT LENGTH
1610	(64A)	BITSTRING	2		MCSFLAGS
1612	(64C)	CHARACTER	44		
1656	(678)	BITSTRING	2		DESCRIPTOR CODES
1658	(67A)	BITSTRING	2		ROUTING CODES
1658	(67A)	X'34'	0	IAT6300L	"*-IAT6300" Length of message area
1658	(67A)	X'65E'	0	I6300EX	"IAT6300+22,2" Exit number
	Reset location counter.				
	End of Macro				
1992	(7C8)	SIGNED	4	SECEND(0)	End of SEC Control Block
1992	(7C8)	X'7C8'	0	SECSIZE	"SECEND-SECSTART" Size of SEC Control Block

Table 632. Structure SECEASTR

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SECEASTR	, Extract Return Area
0	(0)	BITSTRING	1	SECEASUB	Subpool id for FREEMAIN
1	(1)	BITSTRING	3	SECEALEN	Length of return area
4	(4)	SIGNED	2	SECEAOFF	Offset to variable area
6	(6)	BITSTRING	18		Reserved
24	(18)	CHARACTER	8	SECEAUSR	User id from profile
32	(20)	CHARACTER	8	SECEAGRP	Group name from profile
	Variable Portion of Extract Return Area				
40	(28)	BITSTRING	1	SECEAVAR(0)	Start of veriable area
40	(28)	SIGNED	4	SECEAPWL	Length of password
44	(2C)	CHARACTER	8	SECEAPAS	Password from profile

Table 633. Cross Reference for IATYSEC

Name	Offset	Hex Tag
ACTIVE_LIMIT	C	FFFF
ALLACC	C	8
ALLOFF	C	8
ALLON	C	1
ALWAYS	C	F
ARMODOFF	C	0
ARMODON	C	200
BORROW	C	C
CARRY	C	3
CHARA	C	C1
CHARCMMA	C	6B
CHARF	C	C6
CHARNINE	C	F9
CHARZERO	C	F0
DSPCMXSZ	C	0
EQ	C	8
EQUHOBOF	C	FFFFFF
EQUHOBON	C	0
FF	C	FF
GE	C	B
GT	C	2
IAT6300	648	
IAT6300L	67A	34
INREAL	C	8
INTK_SHARED_SUBPOOL	C	9
I6300EX	67A	65E
JOB_NUMBER_SHIFT	C	10
J3AUXTRC	C	F018
J3MAXMP	C	20
J3NUCTRC	C	30000
J3TRCMAX	C	3FF
J3TRCSZ	C	21000
LE	C	D
LENTHINV	C	1
LNZERO	C	5
LOCKED	C	4
LT	C	4
LZERO	C	A
MAX_OSE_OLD_DYNAL	C	FFF0
MAX_OSE_SEQ	C	FFFFFF
MAX_OSE_SEQ_DYNAL	C	FFFF80
MAX_SRF_SEQ	C	FFFF
MAXIMUM_COMPATIBLE_JOB	C	FFFE
MAXIMUM_JOB_NUMBER_ALLOWED	C	F423F
MAXIMUM_JOB_NUMBER_MASK	C	FFFF
MAXIMUM_JOBS_IN_DJC_NET	C	7FFF

Table 633. Cross Reference for IATYSEC (continued)

Name	Offset	Hex Tag
MINUS	C	4
MIXED	C	4
NALLACC	C	7
NALLOFF	C	5
NALLON	C	C
NE	C	7
NMINUS	C	B
NNOACCSS	C	D
NOACCESS	C	2
NOBORROW	C	3
NOCARRY	C	C
NOP	C	0
NOTIREAL	C	7
NOV	C	E
NPAGPRTD	C	B
NPLUS	C	D
NTRANSNA	C	E
NZBORROW	C	4
NZCARRY	C	1
NZERO	C	7
NZNBOROW	C	1
NZNCARRY	C	4
OV	C	1
PAGPRTD	C	4
PAGTBINV	C	2
PLO_CL	C	0
PLO_CLG	C	1
PLO_CLGR	C	2
PLO_CLX	C	3
PLO_CS	C	4
PLO_CSDST	C	10
PLO_CSDSTG	C	11
PLO_CSDSTGR	C	12
PLO_CSDSTX	C	13
PLO_CSG	C	5
PLO_CSGR	C	6
PLO_CSST	C	C
PLO_CSSTG	C	D
PLO_CSSTGR	C	E
PLO_CSSTX	C	F
PLO_CSTST	C	14
PLO_CSTSTG	C	15
PLO_CSTSTGR	C	16
PLO_CSTSTX	C	17
PLO_CSX	C	7
PLO_DCS	C	8

Table 633. Cross Reference for IATYSEC (continued)

Name	Offset	Hex Tag
PLO_DCSG	C	9
PLO_DCSGR	C	A
PLO_DCSX	C	B
PLUS	C	2
SAFEXTSP	C	F0
SAFMSGSP	C	F0
SECATERM	5	40
SECAUDIT	4	8
SECAUTH	4	1
SECBASE	4EC	
SECCLAS	473	40404040
SECCLASL	472	40
SECCLASS	472	
SECEAGRP	20	40404040
SECEALEN	1	0
SECEAOFF	4	0
SECEAPAS	2C	40404040
SECEAPWL	28	0
SECEAREA	49C	
SECEASTR	0	
SECEASUB	0	0
SECEAUSR	18	40404040
SECEAVAR	28	
SECENCME	480	0
SECENCNO	480	2
SECENCRT	480	480
SECENCRY	47C	
SECENCYS	480	1
SECEND	7C8	
SECENDES	480	80
SECENHAS	480	20
SECENINS	480	40
SECENV	481	0
SECENVCR	481	1
SECENVDL	481	2
SECEXTEN	4	3
SECEXTEX	4	2
SECFDB	46C	
SECFIELD	488	484
SECFLAG1	4A0	0
SECFLDDT	488	40404040
SECFLDNO	484	1
SECFLDST	484	
SECFL101	4A0	1
SECFL102	4A0	2
SECFL104	4A0	4

Table 633. Cross Reference for IATYSEC (continued)

Name	Offset	Hex Tag
SECFL108	4A0	8
SECFOEXT	482	40
SECFOINT	482	80
SECFRMOT	482	
SECFUNC	4	0
SECFUNMX	4	9
SECGFLG1	495	
SECGPWEC	495	80
SECGRS01	495	1
SECGRS02	495	2
SECGRS04	495	4
SECGRS08	495	8
SECGRS10	495	10
SECGRS20	495	20
SECGRS40	495	40
SECID	0	E2C5C340
SECINIMD	7	40
SECJESMG	5C8	
SECJESML	5C8	
SECJESMT	5C9	
SECJMSOP	4A0	10
SECLINES	470	0
SECLIST	4FC	
SECLISTL	5C8	CC
SECLOGST	490	
SECMCJES	6	4
SECMCRTN	6	2
SECMCWTO	6	1
SECMLPTR	644	
SECMLTE	648	
SECMSGHD	498	0
SECNUCMD	7	80
SECOPTS	5	
SECOPT1	5	0
SECOPT2	6	0
SECOPT3	7	0
SECOPT4	8	0
SECOPT5	9	0
SECOPT6	A	0
SECOPT7	B	0
SECOPT8	C	0
SECOUTEN	4A1	
SECOUTST	496	
SECOUTSZ	4A1	B
SECRCACC	496	0
SECRCNDC	496	4

Table 633. Cross Reference for IATYSEC (continued)

Name	Offset	Hex Tag
SECRCREJ	496	8
SECRECUR	4A0	20
SECREMOT	494	
SECRETRN	4F0	
SECRMNO	494	2
SECRMYES	494	1
SECRQ	468	
SECRTNCD	496	0
SECSAVE	4A4	0
SECSBTSK	5	80
SECSIZE	7C8	7C8
SECSTART	0	
SECSTDSC	5C8	
SECSTIDX	5D0	E7E7E7E7
SECSTKMD	7	20
SECSTPFX	5C8	C9C1E3E7
SECSUBSY	4F4	40404040
SECTKNBL	4	4
SECTKNEX	4	6
SECTKNLN	C	50
SECTKNMP	4	5
SECUSRMD	7	10
SECUX58F	4A0	80
SECUX59F	4A0	40
SECVRFY	4	9
SECVRFYX	4	7
SECWORK	5C8	
SEGTBINV	C	4
SPECIAL_JOB_XFFFF	C	FFFF
SSXAALTR	22	80
SSXACNTL	22	8
SSXACTIA	394	
SSXAREAD	22	2
SSXASIS	72	1
SSXATTR	22	
SSXAUCAN	20	702
SSXAUJVL	20	701
SSXAUPDT	22	4
SSXAUU01	20	7E0
SSXAUU02	20	7E1
SSXAUU03	20	7E2
SSXAUU04	20	7E3
SSXAUU05	20	7E4
SSXAUU06	20	7E5
SSXAUU07	20	7E6
SSXAUU08	20	7E7

Table 633. Cross Reference for IATYSEC (continued)

Name	Offset	Hex Tag
SSXAUU09	20	7E8
SSXAUU10	20	7E9
SSXAUU11	20	7EA
SSXAUU12	20	7EB
SSXAUU13	20	7EC
SSXAUU14	20	7ED
SSXAUU15	20	7EE
SSXAUU16	20	7EF
SSXAUU17	20	7F0
SSXAUU18	20	7F1
SSXAUU19	20	7F2
SSXAUU20	20	7F3
SSXAUU21	20	7F4
SSXAUU22	20	7F5
SSXAUU23	20	7F6
SSXAUU24	20	7F7
SSXAUU25	20	7F8
SSXAUU26	20	7F9
SSXAUU27	20	7FA
SSXAUU28	20	7FB
SSXAUU29	20	7FC
SSXAUU30	20	7FD
SSXAUU31	20	7FE
SSXAUU32	20	7FF
SSXCLASS	398	
SSXDDSN	3C6	
SSXDSN	42C	7
SSXENCME	3A8	0
SSXENCNO	3A8	2
SSXENCRT	3A8	3A8
SSXENCRY	3A4	
SSXENCYS	3A8	1
SSXENDES	3A8	80
SSXENHAS	3A8	20
SSXENINS	3A8	40
SSXENTIT	2C	
SSXENV	3A9	
SSXENVCR	3A9	1
SSXENVDL	3A9	2
SSXEXNDF	24	
SSXEXNDL	23	
SSXEXNOD	23	
SSXFOEXT	3A2	40
SSXFOINT	3A2	80
SSXFRMOT	3A2	0
SSXGROUF	62	

Table 633. Cross Reference for IATYSEC (continued)

Name	Offset	Hex Tag
SSXGROUL	61	
SSXGROUP	61	
SSXIAALT	20	12B
SSXIACGP	20	12E
SSXIACMD	20	12C
SSXIACOD	20	13B
SSXIACOF	20	13A
SSXIACOI	20	138
SSXIACSF	20	139
SSXIACSI	20	137
SSXIADJ1	20	12D
SSXIADJ2	20	131
SSXIADMA	20	113
SSXIADMJ	20	112
SSXIAFG1	20	127
SSXIAGRO	20	11E
SSXIAGRP	20	11D
SSXIAGRW	20	130
SSXIAISC	20	10A
SSXIAISD	20	10C
SSXIAISO	20	10B
SSXIAMSM	20	114
SSXIANIC	20	108
SSXIANJC	20	102
SSXIANJO	20	103
SSXIANOC	20	101
SSXIANOS	20	106
SSXIANOW	20	107
SSXIANRC	20	104
SSXIANRR	20	105
SSXIANSC	20	109
SSXIANUM	20	132
SSXIAOGC	20	118
SSXIAOGP	20	12F
SSXIAOSC	20	119
SSXIAOSD	20	115
SSXIAOSO	20	120
SSXIAOSP	20	116
SSXIAOSR	20	11F
SSXIAOSS	20	11A
SSXIAOSW	20	11B
SSXIAOS1	20	122
SSXIAOS2	20	124
SSXIAOS3	20	126
SSXIAPUR	20	11C
SSXIAREA	20	12A

Table 633. Cross Reference for IATYSEC (continued)

Name	Offset	Hex Tag
SSXIASAL	20	135
SSXIASIA	20	10D
SSXIASIO	20	10F
SSXIASIR	20	111
SSXIASOC	20	10E
SSXIASOO	20	110
SSXIASRD	20	134
SSXIASRO	20	133
SSXIASWB	20	136
SSXIASWC	20	121
SSXIAUDT	20	7
SSXIAUG1	20	128
SSXIAUG2	20	129
SSXIAUTH	20	1
SSXIAU01	20	1E0
SSXIAU02	20	1E1
SSXIAU03	20	1E2
SSXIAU04	20	1E3
SSXIAU05	20	1E4
SSXIAU06	20	1E5
SSXIAU07	20	1E6
SSXIAU08	20	1E7
SSXIAU09	20	1E8
SSXIAU10	20	1E9
SSXIAU11	20	1EA
SSXIAU12	20	1EB
SSXIAU13	20	1EC
SSXIAU14	20	1ED
SSXIAU15	20	1EE
SSXIAU16	20	1EF
SSXIAU17	20	1F0
SSXIAU18	20	1F1
SSXIAU19	20	1F2
SSXIAU20	20	1F3
SSXIAU21	20	1F4
SSXIAU22	20	1F5
SSXIAU23	20	1F6
SSXIAU24	20	1F7
SSXIAU25	20	1F8
SSXIAU26	20	1F9
SSXIAU27	20	1FA
SSXIAU28	20	1FB
SSXIAU29	20	1FC
SSXIAU30	20	1FD
SSXIAU31	20	1FE
SSXIAU32	20	1FF

Table 633. Cross Reference for IATYSEC (continued)

Name	Offset	Hex Tag
SSXIAWD1	20	125
SSXIAWD2	20	123
SSXIBING	20	306
SSXIBINI	20	305
SSXIBISI	20	304
SSXIBISJ	20	303
SSXIBNIS	20	301
SSXIBNRS	20	302
SSXIBSAD	20	308
SSXIBSRL	20	307
SSXIBU01	20	3E0
SSXIBU02	20	3E1
SSXIBU03	20	3E2
SSXIBU04	20	3E3
SSXIBU05	20	3E4
SSXIBU06	20	3E5
SSXIBU07	20	3E6
SSXIBU08	20	3E7
SSXIBU09	20	3E8
SSXIBU10	20	3E9
SSXIBU11	20	3EA
SSXIBU12	20	3EB
SSXIBU13	20	3EC
SSXIBU14	20	3ED
SSXIBU15	20	3EE
SSXIBU16	20	3EF
SSXIBU17	20	3F0
SSXIBU18	20	3F1
SSXIBU19	20	3F2
SSXIBU20	20	3F3
SSXIBU21	20	3F4
SSXIBU22	20	3F5
SSXIBU23	20	3F6
SSXIBU24	20	3F7
SSXIBU25	20	3F8
SSXIBU26	20	3F9
SSXIBU27	20	3FA
SSXIBU28	20	3FB
SSXIBU29	20	3FC
SSXIBU30	20	3FD
SSXIBU31	20	3FE
SSXIBU32	20	3FF
SSXID	10	E2E2E740
SSXIECOD	20	224
SSXIECOF	20	223
SSXIECOI	20	221

Table 633. Cross Reference for IATYSEC (continued)

Name	Offset	Hex Tag
SSXIECSF	20	222
SSXIECSI	20	220
SSXIEDJN	20	201
SSXIEISJ	20	202
SSXIENPE	20	203
SSXIEU01	20	2E0
SSXIEU02	20	2E1
SSXIEU03	20	2E2
SSXIEU04	20	2E3
SSXIEU05	20	2E4
SSXIEU06	20	2E5
SSXIEU07	20	2E6
SSXIEU08	20	2E7
SSXIEU09	20	2E8
SSXIEU10	20	2E9
SSXIEU11	20	2EA
SSXIEU12	20	2EB
SSXIEU13	20	2EC
SSXIEU14	20	2ED
SSXIEU15	20	2EE
SSXIEU16	20	2EF
SSXIEU17	20	2F0
SSXIEU18	20	2F1
SSXIEU19	20	2F2
SSXIEU20	20	2F3
SSXIEU21	20	2F4
SSXIEU22	20	2F5
SSXIEU23	20	2F6
SSXIEU24	20	2F7
SSXIEU25	20	2F8
SSXIEU26	20	2F9
SSXIEU27	20	2FA
SSXIEU28	20	2FB
SSXIEU29	20	2FC
SSXIEU30	20	2FD
SSXIEU31	20	2FE
SSXIEU32	20	2FF
SSXIEXTR	20	2
SSXIMAD1	20	416
SSXIMAD2	20	41B
SSXIMCD1	20	417
SSXIMDJ1	20	411
SSXIMDM1	20	410
SSXIMINI	20	40F
SSXIMISE	20	41C
SSXIMISJ	20	40D

Table 633. Cross Reference for IATYSEC (continued)

Name	Offset	Hex Tag
SSXIMNIJ	20	404
SSXIMNIS	20	405
SSXIMNJJ	20	401
SSXIMNJU	20	407
SSXIMNRB	20	415
SSXIMNRJ	20	40A
SSXIMNRS	20	409
SSXIMNRT	20	40B
SSXIMNRX	20	40C
SSXIMNSD	20	402
SSXIMNSE	20	419
SSXIMNSJ	20	403
SSXIMNST	20	406
SSXIMNSX	20	408
SSXIMOSD	20	40E
SSXIMOSN	20	413
SSXIMOSO	20	412
SSXIMOS2	20	414
SSXIMSIP	20	41A
SSXIMSMP	20	420
SSXIMSTP	20	418
SSXIMSVJ	20	421
SSXIMSVS	20	422
SSXIMU01	20	4E0
SSXIMU02	20	4E1
SSXIMU03	20	4E2
SSXIMU04	20	4E3
SSXIMU05	20	4E4
SSXIMU06	20	4E5
SSXIMU07	20	4E6
SSXIMU08	20	4E7
SSXIMU09	20	4E8
SSXIMU10	20	4E9
SSXIMU11	20	4EA
SSXIMU12	20	4EB
SSXIMU13	20	4EC
SSXIMU14	20	4ED
SSXIMU15	20	4EE
SSXIMU16	20	4EF
SSXIMU17	20	4F0
SSXIMU18	20	4F1
SSXIMU19	20	4F2
SSXIMU20	20	4F3
SSXIMU21	20	4F4
SSXIMU22	20	4F5
SSXIMU23	20	4F6

Table 633. Cross Reference for IATYSEC (continued)

Name	Offset	Hex Tag
SSXIMU24	20	4F7
SSXIMU25	20	4F8
SSXIMU26	20	4F9
SSXIMU27	20	4FA
SSXIMU28	20	4FB
SSXIMU29	20	4FC
SSXIMU30	20	4FD
SSXIMU31	20	4FE
SSXIMU32	20	4FF
SSXINDEX	20	0
SSXINIMD	3A1	40
SSXITKBL	20	3
SSXITKMP	20	4
SSXITKXT	20	5
SSXIVDJ1	20	610
SSXIVDJ2	20	611
SSXIVDJ3	20	612
SSXIVFYX	20	6
SSXIVISJ	20	60D
SSXIVNIS	20	605
SSXIVNIU	20	606
SSXIVNJE	20	601
SSXIVNJU	20	607
SSXIVNJV	20	604
SSXIVNOE	20	603
SSXIVNOI	20	602
SSXIVNRR	20	609
SSXIVNRS	20	60A
SSXIVNRU	20	60B
SSXIVRFY	20	8
SSXIVRJM	20	60E
SSXIVSNL	20	60F
SSXIVU01	20	6E0
SSXIVU02	20	6E1
SSXIVU03	20	6E2
SSXIVU04	20	6E3
SSXIVU05	20	6E4
SSXIVU06	20	6E5
SSXIVU07	20	6E6
SSXIVU08	20	6E7
SSXIVU09	20	6E8
SSXIVU10	20	6E9
SSXIVU11	20	6EA
SSXIVU12	20	6EB
SSXIVU13	20	6EC
SSXIVU14	20	6ED

Table 633. Cross Reference for IATYSEC (continued)

Name	Offset	Hex Tag
SSXIVU15	20	6EE
SSXIVU16	20	6EF
SSXIVU17	20	6F0
SSXIVU18	20	6F1
SSXIVU19	20	6F2
SSXIVU20	20	6F3
SSXIVU21	20	6F4
SSXIVU22	20	6F5
SSXIVU23	20	6F6
SSXIVU24	20	6F7
SSXIVU25	20	6F8
SSXIVU26	20	6F9
SSXIVU27	20	6FA
SSXIVU28	20	6FB
SSXIVU29	20	6FC
SSXIVU30	20	6FD
SSXIVU31	20	6FE
SSXIVU32	20	6FF
SSXIXDMD	20	501
SSXIXDME	20	502
SSXIXJNW	20	503
SSXIXNUM	20	50A
SSXIXPAL	20	508
SSXIXSAD	20	509
SSXIXSAL	20	50C
SSXIXSCN	20	506
SSXIXSIA	20	504
SSXIXSIC	20	505
SSXIXSIJ	20	507
SSXIXSIR	20	50B
SSXIXSWB	20	50D
SSXIXU01	20	5E0
SSXIXU02	20	5E1
SSXIXU03	20	5E2
SSXIXU04	20	5E3
SSXIXU05	20	5E4
SSXIXU06	20	5E5
SSXIXU07	20	5E6
SSXIXU08	20	5E7
SSXIXU09	20	5E8
SSXIXU10	20	5E9
SSXIXU11	20	5EA
SSXIXU12	20	5EB
SSXIXU13	20	5EC
SSXIXU14	20	5ED
SSXIXU15	20	5EE

Table 633. Cross Reference for IATYSEC (continued)

Name	Offset	Hex Tag
SSXIXU16	20	5EF
SSXIXU17	20	5F0
SSXIXU18	20	5F1
SSXIXU19	20	5F2
SSXIXU20	20	5F3
SSXIXU21	20	5F4
SSXIXU22	20	5F5
SSXIXU23	20	5F6
SSXIXU24	20	5F7
SSXIXU25	20	5F8
SSXIXU26	20	5F9
SSXIXU27	20	5FA
SSXIXU28	20	5FB
SSXIXU29	20	5FC
SSXIXU30	20	5FD
SSXIXU31	20	5FE
SSXIXU32	20	5FF
SSXJDEL	42D	10
SSXJNEW	42D	40
SSXJOBNM	6A	
SSXJREP	42D	20
SSXJRFL1	42C	
SSXJTYP	42D	70
SSXLCL	42C	4
SSXLGSTF	74	
SSXLGSTL	73	
SSXLGSTR	73	
SSXLOG	72	
SSXMCJES	3A0	4
SSXMCNTL	3A0	
SSXMCRTN	3A0	2
SSXMCWTO	3A0	1
SSXMODE	3A1	0
SSXNEVER	1C	24
SSXNEWFL	42D	
SSXNFAIL	72	2
SSXNJEDH	3B0	
SSXNJEJH	3AC	
SSXNONE	72	4
SSXNPASF	174	
SSXNPASL	173	
SSXNPASS	173	
SSXNSTAT	72	3
SSXNUCMD	3A1	80
SSXOCLSS	414	
SSXODEST	3EF	

Table 633. Cross Reference for IATYSEC (continued)

Name	Offset	Hex Tag
SSXODISP	426	
SSXOFLAG	41D	
SSXOFLSH	40C	
SSXOFRMS	404	
SSXOMDID	3F7	
SSXOMODE	415	
SSXOPRTY	3EE	
SSXORSVD	427	
SSXOSSSO	428	
SSXOSTCK	3FB	
SSXOTYPE	3FC	
SSXOUCS	410	
SSXOWTRN	41E	
SSXPASCK	17C	
SSXPASWD	17D	
SSXPASWF	17E	
SSXPASWL	17D	
SSXPCNO	17C	2
SSXPCYES	17C	1
SSXPOE	186	
SSXPRCS	42D	8
SSXPRG	42C	80
SSXPSSCS	358	
SSXPTMID	35C	
SSXPWD	42D	80
SSXRECVR	18E	
SSXREMOT	3A3	
SSXRJP	42C	1
SSXRMNO	3A3	2
SSXRMYES	3A3	1
SSXRORSD	434	0
SSXRORSS	440	0
SSXRORS1	42F	0
SSXRTOKN	196	
SSXRWRSD	368	0
SSXRWRSF	365	0
SSXRWRSS	370	0
SSXSECLB	1E6	
SSXSFACC	17	0
SSXSFNDC	17	4
SSXSFREJ	17	8
SSXSFRET	17	0
SSXSGRP	1EE	
SSXSGRPF	1EF	
SSXSGRPL	1EE	
SSXSNODE	1F7	

Table 633. Cross Reference for IATYSEC (continued)

Name	Offset	Hex Tag
SSXSNODF	1F8	
SSXSNODL	1F7	
SSXSPRET	18	0
SSXSPRSN	1C	0
SSXSSEXB	364	1
SSXSSINB	364	2
SSXSSION	364	
SSXSSNJB	364	3
SSXSSNJO	364	5
SSXSSNJS	364	9
SSXSSRJB	364	4
SSXSSRJO	364	6
SSXSSSTR	364	7
SSXSSTKU	364	A
SSXSSTSO	364	8
SSXSTART	10	
SSXSTKMD	3A1	20
SSXSTOKN	200	
SSXSTPRC	38C	
SSXSUSRF	251	
SSXSUSRI	250	
SSXSUSRL	250	
SSXTKOUT	360	
SSXTOKIN	259	
SSXTOKOT	2A9	
SSXTRNO	2F9	2
SSXTRUST	2F9	
SSXTRYES	2F9	1
SSXTSO	42C	2
SSXUSERF	2FB	
SSXUSERI	2FA	
SSXUSERL	2FA	
SSXUSRMD	3A1	10
SSXUTOKN	303	
SSXVFCRT	20	801
SSXVFDEL	20	802
SSXVFU01	20	8E0
SSXVFU02	20	8E1
SSXVFU03	20	8E2
SSXVFU04	20	8E3
SSXVFU05	20	8E4
SSXVFU06	20	8E5
SSXVFU07	20	8E6
SSXVFU08	20	8E7
SSXVFU09	20	8E8
SSXVFU10	20	8E9

Table 633. Cross Reference for IATYSEC (continued)

Name	Offset	Hex Tag
SSXVFU11	20	8EA
SSXVFU12	20	8EB
SSXVFU13	20	8EC
SSXVFU14	20	8ED
SSXVFU15	20	8EE
SSXVFU16	20	8EF
SSXVFU17	20	8F0
SSXVFU18	20	8F1
SSXVFU19	20	8F2
SSXVFU20	20	8F3
SSXVFU21	20	8F4
SSXVFU22	20	8F5
SSXVFU23	20	8F6
SSXVFU24	20	8F7
SSXVFU25	20	8F8
SSXVFU26	20	8F9
SSXVFU27	20	8FA
SSXVFU28	20	8FB
SSXVFU29	20	8FC
SSXVFU30	20	8FD
SSXVFU31	20	8FE
SSXVFU32	20	8FF
SSXVSCUR	14	1
SSXVSN	14	
SSXVSN1	14	1
SSXWJBID	3BE	
SSXWJNAM	3B6	
SSXWORKA	354	
SSXWPSLC	3B4	
SSXWPSLM	3DE	
SSX1ENTX	42E	80
SSX1FLAG	42E	
SSX1F01	42E	1
SSX1F02	42E	2
SSX1F04	42E	4
SSX1F08	42E	8
SSX1F10	42E	10
SSX1F20	42E	20
SSX1F40	42E	40
SSX58ACC	15	0
SSX58DUM	15	14
SSX58MAX	15	14
SSX58REJ	15	8
SSX58RTN	15	
SSX58SAU	15	C
SSX58SNU	15	10

Table 633. Cross Reference for IATYSEC (continued)

Name	Offset	Hex Tag
SSX58UEF	15	4
SSX59ACC	16	0
SSX59DUM	16	10
SSX59MAX	16	10
SSX59REJ	16	8
SSX59RTN	16	
SSX59SAF	16	C
SSX59UEF	16	4
TKNMAPLN	C	50
TRANSNA	C	1
UNLIMITED_DSP_COUNT	C	F423F
UNLIMITED_JOB_COUNT	C	FFFFFF
UNLIMITED_JOB_COUNT2	C	FFFF
UNLOCKED	C	8
ZBORROW	C	8
ZCARRY	C	2
ZERO	C	8
ZEROS	C	8
ZNBORROW	C	2
ZNCARRY	C	8

IATYSEE information

IATYSEE heading information

Common name: *0031 SEE (SAPI Exclusion Element)

Macro ID: IATYSEE

DSECT name: SEESTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: SEE
Offset: SEEID
Length: 4

Storage attributes: Main Storage: JES3OST Data Space
Auxiliary Storage: N/A
Subpool: N/A
Key: 1
Residency: Any

Size: In SEELEN

Created by: IATOSGR

Pointed to by: OSTSEEQ, RQSAPSEE

Serialization: None

Function: Control block created for SAPI applications that PUT a data set with a dispostion of 'do not show this data set again.'
(SSS2RNPR set in SSS2DISP - address space)
(SSS2RNPT set in SSS2DISP - thread level)

IATYSEE mapping

Table 634. Structure SEESTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SEESTART	Start of SEE mapping
0	(0)	CHARACTER	4	SEEID	Eye catcher
4	(4)	BITSTRING	1	SEELEN	Length of the SEE
5	(5)	BITSTRING	1	SEEVER	SEE version
5	(5)	X'1'	0	SEECVER	"SEEFIRST" Current version
5	(5)	X'1'	0	SEEFIRST	"1" First Version
6	(6)	BITSTRING	2	SEERSVD1	Reserved for service
		Forward and backward pointers for the chain of SEEs that correspond to a single OSE variable entry. Each of these SEEs belongs to a different SAPI application.			
8	(8)	ADDRESS	8	SEENEXT	Address of the next SEE for this OSE variable entry
16	(10)	ADDRESS	8	SEEPREV	Address of the previous SEE for this OSE variable entry
		Forward and backward pointers for the chain of SEEs that were created by the same SAPI address space. These SEEs represent different OSE variable entries.			
24	(18)	ADDRESS	8	SEEAPNXT	Address of the next SEE for this SAPI application
32	(20)	ADDRESS	8	SEEAPPRV	Address of the previous SEE for this SAPI application
		Application identification fields			
40	(28)	CHARACTER	8	SEENAME	SAPI application job name
48	(30)	ADDRESS	8	SEEOSTAD	OST address (queue anchor)
56	(38)	ADDRESS	8	SEETHRED	Addr of thread/mask list mapped by DSECT SEETHLST
64	(40)	SIGNED	4	SEEJOBNO	SAPI application job number
68	(44)	ADDRESS	4	SEERCEAD	SYSOUT job RCE address 20028TKA
		The following mask contains one bit for each of 16 possible data sets within a single OSE variable entry. The bits are numbered from left to right. The left most bit is the indicator for the first data set of the OSE entry. If the bit is ON the data set has not yet been seen by this SAPI application.			
72	(48)	SIGNED	2	SEEASDSM	Address space dataset mask
74	(4A)	BITSTRING	2	SEERSVD2	Reserved for development
74	(4A)	X'4C'	0	SEESIZE	"*-SEESTART" Size of the SEE
76	(4C)	BITSTRING	1	(0)	Generate assembly error if size exceeds maximum

Table 635. Structure SEETHLST

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SEETHLST	
0	(0)	ADDRESS	8	SEETHNXT	Pointer to next thread mask list entry

Table 635. Structure SEETHLST (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	X'8'	0	SEETHHSZ	"*-SEETHLST" Size of thread header
	SEE thread mask entry				
8	(8)	SIGNED	4	SEETHENT(0)	
8	(8)	SIGNED	4	SEETHCNT	Thread count (identifier)
12	(C)	SIGNED	2	SEETHMSK	Thread dataset mask
14	(E)	SIGNED	2	SEETHRSV	Reserved for service
14	(E)	X'8'	0	SEETHESZ	"*-SEETHENT" Size of one thread mask
	Calculate the number of thread entries that will fit in the same size cell as the SEE.				
14	(E)	X'8'	0	SEETHNUM	"(SEESIZE-SEETHHSZ)/SEETHESZ" Number of thread entries
16	(10)	BITSTRING	1	SEETHARY(0)	Rest of list
16	(10)	X'48'	0	SEETHLED	"*-SEETHLST"

Table 636. Cross Reference for IATYSEE

Name	Offset	Hex Tag
SEEAPNXT	18	
SEEAPPRV	20	
SEEASDSM	48	0
SEECVER	5	1
SEEFIRST	5	1
SEEID	0	E2C5C540
SEEJOBNO	40	0
SEELEN	4	0
SEENAME	28	40404040
SEENEXT	8	
SEEOSTAD	30	
SEEPREV	10	
SEERCEAD	44	
SEERSVD1	6	0
SEERSVD2	4A	0
SEESIZE	4A	4C
SEESTART	0	
SEETHARY	10	0
SEETHCNT	8	0
SEETHENT	8	
SEETHESZ	E	8
SEETHHSZ	0	8
SEETHLED	10	48
SEETHLST	0	
SEETHMSK	C	0
SEETHNUM	E	8
SEETHNXT	0	
SEETHRED	38	

Table 636. Cross Reference for IATYSEE (continued)

Name	Offset	Hex Tag
SEETHRSV	E	0
SEEVER	5	0

IATYSEL information

IATYSEL programming interface information

IATYSEL is a programming interface.

IATYSEL heading information

Common name:	JES3 Subsystem Communications Service Entrance List
Macro ID:	IATYSEL
DSECT name:	SELSTART, SELSRSB *12502TAC
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Subpool: various, 0, 230, 253, depending on creator Key: 0 or 1, varies by creator Residency: ANY
Size:	SELSIZE
Created by:	Callers of SSISERV
Pointed to by:	R1 WHEN SSISERV ISSUED
Serialization:	None
Function:	Parameter list for the SSISERV service. Also used as a workarea for module IATSSCM.

IATYSEL mapping

Table 637. Structure SELSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SELSTART	
0	(0)	SIGNED	4	SELDATA	Address of user data area
4	(4)	SIGNED	4	SELECBF	Address of user ECB/ECF
8	(8)	SIGNED	4	SELEXIT	Address of user exit routine
12	(C)	SIGNED	4	SELSTAG	Address of staging area
16	(10)	SIGNED	4	SELMEMD	Requesting memory's MEMDATA
20	(14)	SIGNED	4	SELBUFF	Response buffer address
24	(18)	CHARACTER	8	SELFSSNM	Name of FSS to receive STAR
Staging Area and Service Entrance List Common Section Mapping $SL= z1.7.0 HJS7720 040714 PD0PK: z 1.7.0 04067SLA Common Section of the SEL/Staging area					
32	(20)	SIGNED	4	SELSEC(0)	Beginning of common section
32	(20)	SIGNED	4	SELFSID(0)	Functional Subsystem ID
32	(20)	SIGNED	2	SELFSSID	FSS portion of FSID
34	(22)	SIGNED	2	SELFSAID	FSA portion OF FSID
36	(24)	BITSTRING	1	SELTYPE	Request type
SEL/STAR Request Types					

Table 637. Structure SELSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		SELWAIT	"X'80'" Wait request
		.1..		SELREPLY	"X'40'" Reply request
		..1.		SELCOMM	"X'20'" Communication request
		...1		SELACK	"X'10'" Acknowledgement request
		.... 1...		SELRESP	"X'08'" Response request
		.... .1..		SELPURG	"X'04'" Purge request
		.... ..1.		SELEOMT	"X'02'" EOM/T request
37	(25)	BITSTRING	1	SELFUNC	SSOB or DEST code
38	(26)	BITSTRING	1	SELMOD	Request Modification number
39	(27)	BITSTRING	1	SELREID	Receiving system ID (MPSYSID)
40	(28)	BITSTRING	1	SELSEID	Sending system ID (SVTSYSID)
41	(29)	BITSTRING	1	SELPRTY	Priority
42	(2A)	BITSTRING	1	SELXRSD1(2)	Reserved for Development
44	(2C)	SIGNED	4	SELXRSD2	Reserved for Development
48	(30)	SIGNED	4	SELXRSS	Reserved for Service
52	(34)	SIGNED	4	SELFLAGA(0)	SEL/Staging area Flags
52	(34)	BITSTRING	1	SELFLAG1	Flag Byte 1
Definition of flags in SEL/STAR Flag byte #1					
		1...		SELTJES3	"X'80'" Request is sent to JES3
		.1..		SELJES3	"X'40'" Requestor is JES3
		..1.		SELTINDP	"X'20'" Request is task-independent 04067SLA
53	(35)	BITSTRING	1	SELFLAG2	Flag byte 2
Definition of flags in SEL/STAR Flag byte #2					
		..1.		SELGCC	"X'20'" GC Function Complete
54	(36)	BITSTRING	0	SELSECL(0)	Section length
54	(36)	BITSTRING	1	SELFLAG3	Flag Byte 3
Definition of flags in SEL Flag byte #3					
		1...		SELSSIEX	"X'80'" SSI exit is in use
55	(37)	BITSTRING	1	SELFLAG4	Flag Byte 4
Definition of flags in SEL Flag byte #4					
		1...		SELRECUR	"X'80'" Recursion flag for IATSSCM
		.1..		SELLOCK	"X'40'" Local lock held by requestor
		..1.		SELNOLM	"X'20'" Not subject to STAR limit
		...1		SELF404	"X'10'" Reserved
		.... 1...		SELXPRS	"X'08'" Express request, must send
		.... .1..		SELTWSAX	"X'04'" Task waiting because the address space staging area limit has been exceeded. This flag is used to synchronize the decrementing of SVTTWSAX and MEMTWSAX.
56	(38)	BITSTRING	1	SELINUSE	Test and Set lock for SEL serialization
57	(39)	BITSTRING	1	SELRSVS1(3)	Reserved for Service

Table 637. Structure SELSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
60	(3C)	SIGNED	4	SELWECB	ECB for SA over limit wait
64	(40)	SIGNED	4	SELCHAIN	Addr next waiting SEL
68	(44)	SIGNED	4	SELRSVU	Reserved for User
72	(48)	DBL WORD	8	SELTIME	Save area for time stamp
80	(50)	SIGNED	4	SELUSRRC	TYPE=RESP Return code
84	(54)	SIGNED	4	SELRSVD(2)	Reserved for Development 12502TAC
92	(5C)	SIGNED	4	SELSRSBA	Address of an optional 12502TAA SELSRSB used for REPLY 12502TAA with Exit requests 12502TAA
96	(60)	SIGNED	4	SELRQTCB	Optional TCB pointer for REPLY requests
100	(64)	SIGNED	4	SELRSVS2	Reserved for Service
104	(68)	SIGNED	4	SELRSVU1(2)	Reserved for User
112	(70)	SIGNED	4	SELEND(0)	- End of SEL
112	(70)	BITSTRING	1	SELSIZE(0)	- SIZE=L'(SELSIZE)

Table 638. Structure SELSRSB

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SELSRSB	12502TAA
0	(0)	BITSTRING	1	SRSBFLAG	Flags 12502TAA

```
------------------------------------------------------------ 12502TAA
        Definition of SRSBFLAG 12502TAA
        - SRSBWAIT indicates that the SSISERV caller is 12502TAA
          wating for the replies. This flag can be used 12502TAA
          by the caller to identify when a WAIT has been 12502TAA
          interrupted. 12502TAA
        - SRSBCNCL indicates that the SSISERV request has 12502TAA
          been cancelled by the caller. SSISERV processing 12502TAA
          will discard any replies receieved when this flag 12502TAA
          is set. 12502TAA
------------------------------------------------------------ 12502TAA
```

		1...		SRSBWAIT	"X'80'" SSISERV caller is waiting 12502TAA for the replies 12502TAA
		.1..		SRSBCNCL	"X'40'" Caller has cancelled the 12502TAA SSISERV request 12502TAA
1	(1)	BITSTRING	1	SRSBRSVD(3)	Reserved for IBM 12502TAA
4	(4)	SIGNED	4	SRSBRCNT	Count of replies that are 12502TAA outstanding 12502TAA
8	(8)	SIGNED	4	SRSBEND(0)	Round up to next fullword 12502TAA
8	(8)	X'8'	0	SRSBSIZE	"*-SELSRSB" Status block size 12502TAA

Table 639. Structure SELSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SELSTART	

Table 640. Cross Reference for IATYSEL

Name	Offset	Hex Tag
SELACK	24	10
SELBUFF	14	0
SELCHAIN	40	

Table 640. Cross Reference for IATYSEL (continued)

Name	Offset	Hex Tag
SELCOMM	24	20
SELDATA	0	
SELECBF	4	
SELEND	70	
SELEOMT	24	2
SELEXIT	8	
SELFLAGA	34	
SELFLAG1	34	0
SELFLAG2	35	0
SELFLAG3	36	
SELFLAG4	37	
SELFSAID	22	0
SELFSID	20	
SELFSSID	20	0
SELFSSNM	18	
SELFUNC	25	0
SELF404	37	10
SELGCC	35	20
SELINUSE	38	0
SELJES3	34	40
SELLOCK	37	40
SELMEMD	10	
SELMOD	26	0
SELNOLM	37	20
SELPRTY	29	0
SELPURG	24	4
SELRECUR	37	80
SELREID	27	0
SELREPLY	24	40
SELRESP	24	8
SELRQTCB	60	
SELRSVD	54	
SELRSVS1	39	
SELRSVS2	64	
SELRSVU	44	
SELRSVU1	68	
SELSEC	20	
SELSECL	36	
SELSEID	28	0
SELSIZE	70	
SELSRSB	0	
SELSRSBA	5C	
SELSSIEX	36	80
SELSTAG	C	
SELSTART	0	
SELSTART	0	

Table 640. Cross Reference for IATYSEL (continued)

Name	Offset	Hex Tag
SELTIME	48	
SELTINDP	34	20
SELTJES3	34	80
SELTWSAX	37	4
SELTYPE	24	0
SELUSRRC	50	
SELWAIT	24	80
SELWECB	3C	
SELXPRS	37	8
SELXRSD1	2A	0
SELXRSD2	2C	0
SELXRSS	30	0
SRSBCNCL	0	40
SRSBEND	8	
SRSBFLAG	0	
SRSBRCNT	4	
SRSBRSVD	1	
SRSBSIZE	8	8
SRSBWAIT	0	80

IATYSEMS information

IATYSEMS programming interface information

IATYSEMS is a programming interface.

IATYSEMS heading information

Common name: Security Message Prefix Format

Macro ID: IATYSEMS

DSECT name: SECMSGA

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Main Storage: SAFMSGSP
Auxiliary Storage: N/A

Size: 8 Bytes

Created by: IATUX58
IATUX59
SAF Interface

Pointed to by: SECMSGHD in IATYSEC
Register one upon return from
SAF Interface, IATUX58 or IATUX59.

Serialization: NONE

Function: Maps the message prefix for messages returned by SAF or user exits IATUX58 and IATUX59. The remainder of the message starting at label SECMSGT is mapped by IEZWPL.

IATYSEMS mapping

Table 641. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

Table 642. Structure SECMSGA

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SECMSGA	, Security Message Prefix
0	(0)	SIGNED	4	SECMSGL	Message Length
4	(4)	ADDRESS	4	SECMSGNT	Address of next message
8	(8)	SIGNED	4	SECMSGT(0)	Start of WTO format of message mapped by IEZWPL
8	(8)	SIGNED	4	SECMSGEN(0)	End of message prefix
8	(8)	X'8'	0	SECMSGSZ	"SECMSGEN-SECMSGA" Size of message prefix

IATYSET information

IATYSET heading information

Common name: FORMAT OF SETUNIT TABLE ENTRY

Macro ID: IATYSET

DSECT name: SETSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Auxiliary Storage: N/A
Subpool: 241

Size: SETSIZE

Created by: IATINMD

Pointed to by: MPUNITS in IATYMPC
JSTSETAD

Serialization: NONE

Function: This data area contains information representing device status on a particular main processor.

IATYSET mapping

Table 643. Structure SETSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SETSTART	
0	(0)	BITSTRING	1	SETTYPE	DEVICE TYPE CODE
1	(1)	CHARACTER	4	SETUADR	DEVICE NUMBER
5	(5)	BITSTRING	3	SETROUT	DEST CLASS/ROUTE CODE
8	(8)	ADDRESS	4	SETADD	ADDRESS OF SYSUNITS ENTRY
12	(C)	ADDRESS	4	SETUCBN	NO. OF ENTRYS IN UCB LIST
16	(10)	ADDRESS	4	SETUCB	ADDRESS OF UCB LOOKUP ENTRY
20	(14)	ADDRESS	4	SETRQAD	RESQ ADDR OF JOB USING DEV
24	(18)	SIGNED	4	SETMTMSG	DOM ID OF MDS ACTION MSG (5210)

Table 643. Structure SETSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
28	(1C)	SIGNED	4	SETERMSG	DOM ID OF MDS ERROR MSG (5310)
32	(20)	SIGNED	2	SETRSVD1	RESERVED FOR DEVELOPMENT
34	(22)	CHARACTER	6	SETVOLID	VOLID REQSTD BY LAST MDS MNT
34	(22)	X'22'	0	SETVLSCR	"SETVOLID,2" VOLID HEADER FOR SCRATCH REQUEST
34	(22)	X'24'	0	SETVLDEV	"SETVOLID+2,4" VOLID TRAILER TO CREATE A UNIQUE REQUEST. SET TO DEVICE NUMBER
40	(28)	CHARACTER	6	SETIVOL	VOLID VOL MOUNTED IN ERROR OR MSGDISP VOLSER TEXT FROM USER EXIT 71
46	(2E)	CHARACTER	1	SETLABEL	A=AL B=BLP N=NL S=SL X=NSL
47	(2F)	BITSTRING	1	SETVERID	VERIFY RESPONSE ID CHAR
48	(30)	ADDRESS	4	SETMTDSN	SETDSN ASSOC WITH MOUNT MSG
52	(34)	BITSTRING	1	SETRSVD	- RESERVED FOR DEVELOPMENT
53	(35)	BITSTRING	1	SETRSVU	- RESERVED FOR USER
54	(36)	BITSTRING	1	SETFLG1	SETFLG1 FLAG 1
DEFINITION OF SETFLG1.					
		1...		SETDDR	"X'80'" DEVICE ELIGIBLE FOR DDR
		.1..		SETVERFY	"X'40'" VOLUME VERIFY REQUIRED
		..1.		SETRSTR	"X'20'" UNIT IN RESTART $$$$
		...1		SETLASTX	"X'10'" LAST DEVICE OF XTYPE
		.... 1...		SETPON	"X'08'" VARY ONLINE IN PROGRESS
		.... .1..		SETRING	"X'04'" LAST MOUNT RQSTD WRITE ACESS
		.... ..1.		SETMPNDG	"X'02'" MDS MOUNT PENDING
		1		SETMSDM	"X'01'" MSVDUMMY VERIFY RESPONSE SW
DEFINITION OF SETFLG2.					
55	(37)	BITSTRING	1	SETFLG2	SETFLG2 FLAG 2 (USED BY IATLVVR)
		1...		SETDAD	"X'80'" DEVICE TYPE
		.1..		SETRDY	"X'40'" DEVICE READY
		..1.		SETVPND	"X'20'" VERIFY ARM PENDING
		...1		SETBYRNG	"X'10'" BYPASS RING CHECK
		.... 1...		SETRST	"X'08'" RESTART VERIFY REQD
		.... .1..		SETBYEXP	"X'04'" BYPASS EXPD CHECK
		.... ..1.		SETALLOC	"X'02'" ALLOCATED PRIOR TO MDS INIT
		1		SETNOVER	"X'01'" BYPASS INIT.VERIFYS
56	(38)	BITSTRING	1	SETFLG3	SETFLG3 FLAG3
DEFINITION OF SETFLG3.					
		1...		SETDDRAC	"X'80'" ACTIVE DDR 'FROM' DEVICE
		.1..		SETBYRUN	"X'40'" REW/UNLOAD WAS BYPASSED
		..1.		SETSMS	"X'20'" SMS MANAGED VOLUME ON DEVICE
		...1		SETF3R10	"X'10'" Reserved for IBM
		.... 1...		SETF3R08	"X'08'" Reserved for IBM
		.... .1..		SETF3R04	"X'04'" Reserved for IBM
		.... ..1.		SETF3R02	"X'02'" Reserved for IBM

Table 643. Structure SETSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1		SETF3R01	"X'01'" Reserved for IBM
		2 LINES DELETED BY APAR OW00234			
57	(39)	BITSTRING	2	SETORSYS	INDEX OF ORIGINAL SYSUNIT (SET DURING DASD DDR SWAP)
59	(3B)	BITSTRING	1	SETTIMCT	TAPE I/O TIMER RETRY COUNT
60	(3C)	ADDRESS	4	SETLEFT	ADDRESS OF SETUNITS ENTRY WITH DEVICE NUMBER LESS THAN CURRENT ENTRY
64	(40)	ADDRESS	4	SETRIGHT	ADDRESS OF SETUNITS ENTRY WITH DEVICE NUMBER GREATER THAN CURRENT ENTRY
68	(44)	ADDRESS	4	SETVRNXT	SETUNITS POINTER TO NEXT SETUNITS REQUIRING VERIFY PROCESSING FOR THIS JOB
72	(48)	SIGNED	4	SETEND(0)	END OF SETUNITS TABLE
72	(48)	BITSTRING	1	SETSIZE(0)	SIZE OF ENTRY = L'SETSIZE
72	(48)	X'1'	0	SETTERM	"SETSTART+1" LOC IS X'FF' AT END OF TABLE

Table 644. Cross Reference for IATYSET

Name	Offset	Hex Tag
SETADD	8	
SETALLOC	37	2
SETBYEXP	37	4
SETBYRNG	37	10
SETBYRUN	38	40
SETDAD	37	80
SETDDR	36	80
SETDDRAC	38	80
SETEND	48	
SETERMSG	1C	
SETFLG1	36	
SETFLG2	37	
SETFLG3	38	
SETF3R01	38	1
SETF3R02	38	2
SETF3R04	38	4
SETF3R08	38	8
SETF3R10	38	10
SETIVOL	28	
SETLABEL	2E	
SETLASTX	36	10
SETLEFT	3C	
SETMPNDG	36	2
SETMSDM	36	1
SETMTDSN	30	
SETMTMSG	18	
SETNOVER	37	1
SETORSYS	39	

Table 644. Cross Reference for IATYSET (continued)

Name	Offset	Hex Tag
SETPON	36	8
SETRDY	37	40
SETRIGHT	40	
SETRING	36	4
SETROUT	5	
SETRQAD	14	
SETRST	37	8
SETRSTR	36	20
SETRSVD	34	
SETRSVD1	20	
SETRSVU	35	
SETSIZE	48	
SETSMS	38	20
SETSTART	0	
SETTERM	48	1
SETTIMCT	3B	
SETTYPE	0	
SETUADR	1	
SETUCB	10	
SETUCBN	C	
SETVERFY	36	40
SETVERID	2F	
SETVLDEV	22	24
SETVLSCR	22	22
SETVOLID	22	
SETVPND	37	20
SETVRNXT	44	

IATYSLBF information

IATYSLBF heading information

Common name: SYSLOG Time Stamp Mapping * 12100S5A

Macro ID: IATYSLBF

DSECT name: SLBUF (header) SLBUFREC (entry)

Owning component: JES3 (SC1BA)

Eye-catcher ID: SLBUF
Offset: SLBHEYE - SLBUF
Length: L'SLBHEYE

Storage attributes: Subpool: 230
Key: User key
Residency: 31

Size: SLBHSIZ (header)
SLBRSIZ (entry)

Created by: IATSIOR (SLBUF) * 11353S5A
IATDMEB2 (STCKDATA) * 11485TAC

Pointed to by: DSBSLBUF (SLBUF)
CLSTSYSD (STCKDATA)

Serialization: None

Function: This macro maps the time stamp data for records written by SYSLOG.

IATYSLBF mapping

Table 645. Structure SLBUFREC

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SLBUFREC	
0	(0)	SIGNED	4	SLBRTERM(0)	Terminator
0	(0)	SIGNED	4	SLBRECNO	Record number
4	(4)	BITSTRING	8	SLBRTIME	Time stamp STCKE format 12100S5A
4	(4)	X'C'	0	SLBREND	"*" End of record entry
4	(4)	X'C'	0	SLBRSIZ	"SLBREND-SLBUFREC" Size of record entry

Table 646. Structure STCKDATA

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	STCKDATA	
0	(0)	CHARACTER	8	STDAEYE	Eyecatcher "STCKDATA"
8	(8)	BITSTRING	8	STDALOST	Low time stamp 12100S5A
16	(10)	BITSTRING	8	STDAHIST	High time stamp 12100S5A
24	(18)	SIGNED	4	STDAHINC	High record number not in a 12100S5A core buffer 12100S5A
28	(1C)	SIGNED	4	STDAHIRC	High record number
32	(20)	SIGNED	4	STDALEN	Length of header + entries
36	(24)	SIGNED	4	STDAPREV	Previous STCKDATA area 14387T6A
40	(28)	SIGNED	4	STDARSVD(4)	Reserved 14387T6A
40	(28)	X'38'	0	STDAEND	"*" End of STCKDATA header
40	(28)	X'38'	0	STDASIZE	"STDAEND-STCKDATA" Size of STCKDATA header

Table 647. Cross Reference for IATYSLBF

Name	Offset	Hex Tag
SLBRECNO	0	
SLBREND	4	C
SLBRSIZ	4	C
SLBRTERM	0	
SLBRTIME	4	
SLBUFREC	0	
STCKDATA	0	
STDAEND	28	38
STDAEYE	0	
STDAHINC	18	
STDAHIRC	1C	
STDAHIST	10	
STDALEN	20	
STDALOST	8	
STDAPREV	24	
STDARSVD	28	

Table 647. Cross Reference for IATYSLBF (continued)

Name	Offset	Hex Tag
STDASIZE	28	38

IATYSNFS information

IATYSNFS programming interface information

The following fields are **NOT** programming interface information:

- D552LCB
- D553LCB
- D554LCB

IATYSNFS heading information

Common name:	SNARJP FAILDSP WORK AREA
Macro ID:	IATYSNFS
DSECT name:	IATYSNFS, YSNFS552, YSNFS553, YSNFS554
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	YSNFS Offset: 0 Length: 6
Storage attributes:	Main Storage: JES3 PRIVATE AREA (SP 13) Auxiliary Storage: N/A
Size:	152 Bytes
Created by:	IATSNFS
Pointed to by:	By REGISTER 2 in AFB-08 DUMP and REGISTER 2 in DM552 and DM553 DUMPS.
Serialization:	The chain field must be COMPARE and SWAPPED.
Function:	The SNARJP FAILDSP work area contains diagnostic information that will be presented in a JES3 formatted dump.

IATYSNFS mapping

Table 648. Structure IATYSNFS

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATYSNFS	
0	(0)	X'0'	0	SNFSBEGN	"*"
0	(0)	CHARACTER	6	SNFSID	YSNFS CONTROL BLOCK ID
6	(6)	ADDRESS	2	SNFSVRSN	VERSION LEVEL
6	(6)	X'1'	0	SNFS2215	"1" VERSION LEVEL FOR HJS2215
6	(6)	X'1'	0	SNFSVSID	"SNFS2215" VERSION LEVEL VALUE
8	(8)	SIGNED	4	SNFSRSS2	RESERVED FOR SERVICE
12	(C)	SIGNED	4	SNFSDMP	USER COMPLETION CODE
16	(10)	ADDRESS	4	SNFSFCT	FCT ADDRESS
20	(14)	ADDRESS	4	SNFSTVT	TVT ADDRESS NEEDED BY ESTAE AND FRR ROUTINES
24	(18)	SIGNED	4	SNFSRSD1(5)	RESERVED FOR DEVELOPEMENT
44	(2C)	SIGNED	4	SNFSRSS1(4)	RESERVED FOR SERVICE
60	(3C)	SIGNED	4	SNFSRSU1(5)	RESERVED FOR USER

Table 648. Structure IATYSNFS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
80	(50)	SIGNED	4	SNFSREGS(18)	SAVE AREA CONTAINING REGISTERS TO BE LOADED AT TIME OF FAILDSP
80	(50)	X'98'	0	SNFSREGE	"*" END OF REGISTER SAVE AREA
80	(50)	X'48'	0	SNFSREGL	"(SNFSREGE-SNFSREGS)" LENGTH OF REGISTER SAVE AREA
80	(50)	X'98'	0	SNFSFIXE	"*" END OF FIXED PORTION OF YSNFS
80	(50)	X'98'	0	SNFSFIXL	"(SNFSFIXE-SNFSBEGN)" LENGTH OF FIXED SECTION OF YSNFS
152	(98)	BITSTRING	255	SNFSDATA	DATAAREA TO BE POINTED TO BY REG 2 AT FAILDSP TIME
152	(98)	X'197'	0	SNFSEND	"*" END OF YSNFS
152	(98)	X'197'	0	SNFSLEN	"(SNFSEND-IATYSNFS)" LENGTH OF BOTH VARIABLE AND FIXED

Table 649. Structure YSNFS552

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	YSNFS552	MAP OF USER DATA FOR DM 552
0	(0)	SIGNED	4	D552LEN	LENGTH OF DIAGNOSTIC INFORMATION
4	(4)	ADDRESS	4	D552LCB	ADDR OF LCB AT TIME OF FAILURE
8	(8)	ADDRESS	4	D552RC	RETURN CODE DESCRIBING FAILURE TYPE
12	(C)	ADDRESS	4	D552RET	ADDRESS OF CALLER
12	(C)	X'10'	0	D552END	"*" END OF DM 552
12	(C)	X'10'	0	D552LENX	"(D552END-YSNFS552)" LENGTH OF DM 552

Table 650. Structure YSNFS553

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	YSNFS553	MAP OF USER DATA FOR DM 553
0	(0)	SIGNED	4	D553LEN	LENGTH OF DIAGNOSTIC INFORMATION
4	(4)	ADDRESS	4	D553LCB	ADDR OF LCB AT TIME OF FAILURE
8	(8)	ADDRESS	4	D553RC	RETURN CODE DESCRIBING FAILURE TYPE
12	(C)	ADDRESS	4	D553RET	ADDRESS OF CALLER
12	(C)	X'10'	0	D553END	"*" END OF DM 553
12	(C)	X'10'	0	D553LENX	"(D553END-YSNFS553)" LENGTH OF DM 553

Table 651. Structure YSNFS554

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	YSNFS554	MAP OF USER DATA FOR DM 554
0	(0)	SIGNED	4	D554LEN	LENGTH OF DIAGNOSTIC INFORMATION
4	(4)	ADDRESS	4	D554LCB	ADDR OF LCB AT TIME OF FAILURE
8	(8)	SIGNED	4	D554FT	FOOTPRINT OF CALLER THAT ATTEMPTED DECREMENT
8	(8)	X'C'	0	D554END	"*" END OF DM 554
8	(8)	X'C'	0	D554LENX	"(D554END-YSNFS554)" LENGTH OF DM 554

Table 652. Cross Reference for IATYSNFS

Name	Offset	Hex Tag
D552END	C	10

Table 652. Cross Reference for IATYSNFS (continued)

Name	Offset	Hex Tag
D552LCB	4	
D552LEN	0	
D552LENX	C	10
D552RC	8	
D552RET	C	
D553END	C	10
D553LCB	4	
D553LEN	0	
D553LENX	C	10
D553RC	8	
D553RET	C	
D554END	8	C
D554FT	8	
D554LCB	4	
D554LEN	0	
D554LENX	8	C
IATYSNFS	0	
SNFSBEGN	0	0
SNFSDATA	98	
SNFSDMP	C	
SNFSEND	98	197
SNFSFCT	10	
SNFSFIXE	50	98
SNFSFIXL	50	98
SNFSID	0	
SNFSLEN	98	197
SNFSREGE	50	98
SNFSREGL	50	48
SNFSREGS	50	
SNFSRSD1	18	
SNFSRSS1	2C	
SNFSRSS2	8	
SNFSRSU1	3C	
SNFSTVT	14	
SNFSVRSN	6	
SNFSVSID	6	1
SNFS2215	6	1
YSNFS552	0	
YSNFS553	0	
YSNFS554	0	

IATYSOCK information

IATYSOCK heading information

Common name: TCPIP Socket Definition

Macro ID: IATYSOCK

DSECT name: SOCKSTRT

Owning component: JES3 (SC1BA)

Eye-catcher ID: SOCKET *16060T8C
Offset: 0
Length: 6 *16060T8C

Storage attributes: Main Storage: Any
Subpool: 0
Key: 0
Data Space: None

Size: SOCKSIZE bytes

Created by: IATINSOC
IATMOSOC

Pointed to by: TVTSOCK in IATYTVT
SOCKNEXT in IATYSOCK
SOCKNXNS in IATYSOCK
SOCKNXND in IATYSOCK
NTSVFSOC in IATYNTSV
NTSVLSOC in IATYNTSV
NJEFSOCK in IATYNJY
NJELSOCK in IATYNJY

Serialization: None

Function: This macro maps the TCPIP NJE socket definition as viewed on the global.
There are two types of global sockets:
- Client socket:
This socket is built from SOCKET initialization statements or an operator entered *MODIFY,SOCKET,ADD= command. The installation gives these sockets their own names.
- Server socket:
This socket, and the socket name, are system generated. A server socket represents the global view of a socket connection that was created because another node requested a signon to this node.
The server socket is created by an internally issued:
*MODIFY,SOCKET,ADD=<name>
Name is the first available of @nnnnnnn, starting with @0000001.
After creating the socket, JES3 internally issues the following commands:
*MODIFY,SOCKET,NETSERV=<netserv>
*MODIFY,SOCKET,NODE=<node>

IATYSOCK mapping

Table 653. Structure SOCKSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SOCKSTRT	
0	(0)	CHARACTER	6	SOCKEYE	Eye catcher
6	(6)	SIGNED	2	SOCKLEN	Length of socket entry
8	(8)	ADDRESS	1	SOCKVER	Version number
8	(8)	X'1'	0	SOCKIVER	"1" Initial version
8	(8)	X'1'	0	SOCKCVER	"SOCKIVER" Current version
9	(9)	ADDRESS	3	SOCKRSV1	Reserved for IBM
12	(C)	CHARACTER	8	SOCKNAME	Socket name
20	(14)	CHARACTER	8	SOCKNODE	Node name using the socket
28	(1C)	CHARACTER	8	SOCKNVNM	Net Server (NETSERV) name
36	(24)	ADDRESS	4	SOCKNEXT	Pointer to next socket
40	(28)	ADDRESS	4	SOCKNXNS	Pointer to next socket in the same NETSERV

Table 653. Structure SOCKSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
44	(2C)	ADDRESS	4	SOCKNXND	Pointer to next socket in the same node
48	(30)	ADDRESS	4	SOCKNTSV	Pointer to NETSERV table for SOCKNTSV
52	(34)	ADDRESS	4	SOCKNJER	Pointer to node table (IATYNJY) for SOCKNODE
56	(38)	ADDRESS	1	SOCKJTRN	Number of job transmitters
57	(39)	ADDRESS	1	SOCKOTRN	Number of SYSOUT transmitters
58	(3A)	ADDRESS	1	SOCKJRCV	Number of job receivers
59	(3B)	ADDRESS	1	SOCKORCV	Number of SYSOUT receivers
60	(3C)	ADDRESS	2	SOCKSPDX	Spool partition index
		A shorter definition is used for dump formatting only. This is needed because ABNLNLEN in IATYABN is limited to 132 characters.			
62	(3E)	CHARACTER	98	SOCKHST(0)	Host for dump formatting
62	(3E)	CHARACTER	255	SOCKHOST	Host name
317	(13D)	ADDRESS	1	SOCKRSV4	Reserved for IBM
318	(13E)	ADDRESS	2	SOCKPORT	Port number
		Definition of SOCKFLG1.			
320	(140)	BITSTRING	1	SOCKFLG1	Flags
		1...		SOCKTLS	"X'80'" Transport Layer Secure
		.1..		SOCKSSON	"X'40'" Secure signon
		..1.		SOCKJTRC	"X'20'" JES tracing in effect
		...1		SOCKVTRC	"X'10'" Verbose tracing in effect
		.... 1...		SOCKITRC	"X'08'" Internal tracing in effect
		.... .1..		SOCKACTV	"X'04'" Socket active
		.... ..1.		SOCKSERV	"X'02'" Socket is a server (signon initiated by other node)
		1		SOCKF101	"X'01'" Reserved for IBM
320	(140)	X'38'	0	SOCKTRAC	"SOCKJTRC+SOCKVTRC+SOCKITRC" Any tracing
		Definition of SOCKFLG2.			
321	(141)	BITSTRING	1	SOCKFLG2	Netserv Flag 2
		1...		SOCKCANC	"X'80'" Socket under cancel process
		.1..		SOCKPSTR	"X'40'" Socket pending start 07008SXA
		..1.		SOCKSTMO	"X'20'" Timeout during signon 07008SXA
		...1		SOCKDELS	"X'10'" Server socket delete sent
		.... 1...		SOCKSICM	"X'08'" Socket start intercom'd
		.... .1..		SOCKF204	"X'04'" Reserved for IBM
		.... ..1.		SOCKF202	"X'02'" Reserved for IBM
		1		SOCKF201	"X'01'" Reserved for IBM
322	(142)	ADDRESS	2	SOCKACTP	Active port.
		Passwords copied from the NJE table entry for the node are passed to Netserv when staring a socket.			
324	(144)	BITSTRING	8	SOCKPWD	Password to send to remote node

Table 653. Structure SOCKSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
332	(14C)	BITSTRING	8	SOCKXPWD	Password expected from remote node
340	(154)	SIGNED	4	SOCKRSV2(6)	Reserved for IBM
364	(16C)	SIGNED	4	SOCKESPL(0)	End of spooled portion of IATYSOCK
364	(16C)	X'16C'	0	SOCKSIZE	"SOCKESPL-SOCKSTRT" Size of spooled portion of socket

```
        This block comment describes the progress count
        array added to the socket structure in HJS7780.
        The field SOCKPARY defines an array of 16 SPGSTART
        entries. When NJE streams are being sent or
        received their progress is tracked in an array entry.
        A streams position in the array is determined by:
           - Sending / Receiving
           - Job / SYSOUT
           - Stream ID (see IATYNSST example NSSTR98)
        The 1-7 job senders reside in array entries:
                 0,1,2,3,4,5,6
        The 1-7 SYSOUT senders reside in array entries:
                 7,6,5,4,3,2,1
        The 1-7 job receivers reside in array entries:
                 8,9,10,11,12,13,14
        The 1-7 SYSOUT recivers reside in array entries:
                 15,14,13,12,11,10,9
                  Stream Stream
 Index ID ID
    +-------------------------------------------------------+
    | |
  0 | Job sndr 1 (x98) |
    | |
    +-------------------------------------------------------+
    | |
  1 | Job sndr 2 (xA8) or SYSOUT sndr 7 (xF9) or Nothing |
    | |
    +-------------------------------------------------------+
    | |
  2 | Job sndr 3 (xB8) or SYSOUT sndr 6 (xE9) or Nothing |
    | |
    +-------------------------------------------------------+
    | |
  3 | Job sndr 4 (xC8) or SYSOUT sndr 5 (xD9) or Nothing |
    | |
    +-------------------------------------------------------+
    | |
  4 | Job sndr 5 (xD8) or SYSOUT sndr 4 (xC9) or Nothing |
    | |
    +-------------------------------------------------------+
    | |
  5 | Job sndr 6 (xE8) or SYSOUT sndr 3 (xB9) or Nothing |
    | |
    +-------------------------------------------------------+
    | |
  6 | Job sndr 7 (xF8) or SYSOUT sndr 2 (xA9) or Nothing |
    | |
    +-------------------------------------------------------+
    | |
  7 | SYSOUT sndr 1 (x99) |
    | |
```

Table 653. Structure SOCKSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
				+----------+	
				| |	
8				| Job rcvr 1 (x98) |	
				| |	
				+----------+	
				| |	
9				| Job rcvr 2 (xA8) or SYSOUT rcvr 7 (xF9) or Nothing |	
				| |	
				+----------+	
				| |	
10				| Job rcvr 3 (xB8) or SYSOUT rcvr 6 (xE9) or Nothing |	
				| |	
				+----------+	
				| |	
11				| Job rcvr 4 (xC8) or SYSOUT rcvr 5 (xD9) or Nothing |	
				| |	
				+----------+	
				| |	
12				| Job rcvr 5 (xD8) or SYSOUT rcvr 4 (xC9) or Nothing |	
				| |	
				+----------+	
				| |	
13				| Job rcvr 6 (xE8) or SYSOUT rcvr 3 (xB9) or Nothing |	
				| |	
				+----------+	
				| |	
14				| Job rcvr 7 (xF8) or SYSOUT rcvr 2 (xA9) or Nothing |	
				| |	
				+----------+	
				| |	
15				| SYSOUT rcvr 1 (x99) |	
				| |	
				+----------+	
364	(16C)	BITSTRING	0	SOCKPARY(0)	Socket progress array
364	(16C)	X'580'	0	SOCKASIZ	"*-SOCKPARY" Size of progress array
364	(16C)	X'10'	0	SOCKPCEC	"16" Number of array entries

Table 654. Structure SPGSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SPGSTART	
0	(0)	CHARACTER	8	SPGEYE	Eyecatcher
8	(8)	SIGNED	2	SPGLEN	Length of this SPG entry
10	(A)	BITSTRING	1	SPGVER	Version of this SPG entry
10	(A)	X'1'	0	SPG1VER	"1" Initial version
11	(B)	BITSTRING	1	SPGMOD	Mod of this SPG entry
11	(B)	X'0'	0	SPG0MOD	"0" No modification
12	(C)	BITSTRING	1	SPGFLG1	Flags
		1...		SPG1SACT	"B'10000000'" Stream is active
		.1..		SPG1JS	"B'01000000'" Job transmission
		..1.		SPG1JR	"B'00100000'" Job reception
		...1		SPG1SS	"B'00010000'" SYSOUT transmission
		.... 1...		SPG1SR	"B'00001000'" SYSOUT reception
		.... .1..		SPG1B04	"B'00000100'" Reserved for IBM
		.... ..1.		SPG1B02	"B'00000010'" Reserved for IBM
		1		SPG1B01	"B'00000001'" Reserved for IBM
13	(D)	BITSTRING	1	SPGSTR#	Stream number
14	(E)	BITSTRING	6	SPGRSV1	Reserved for IBM
20	(14)	CHARACTER	8	SPGJOBN	Job name
28	(1C)	CHARACTER	8	SPGJOBI	Job ID

Table 654. Structure SPGSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
36	(24)	CHARACTER	8	SPGOWNN	Job owner
44	(2C)	SIGNED	4	SPGJNUM	Job number
48	(30)	SIGNED	4	SPGTRC#	Total records
52	(34)	SIGNED	4	SPGPRC#	Current records
56	(38)	BITSTRING	1	SPGJTYP	Job type
57	(39)	BITSTRING	1	SPGBPRI	Job priority (1 byte binary)15060T8A
58	(3A)	CHARACTER	8	SPGONODE	Origin Node
66	(42)	BITSTRING	22	SPGRSV2	Reserved for IBM
88	(58)	SIGNED	4	SPGEND(0)	End of SPG entry
88	(58)	X'58'	0	SPGSIZE	"SPGEND-SPGSTART" Size equate for SPG entry

Table 655. Cross Reference for IATYSOCK

Name	Offset	Hex Tag
SOCKACTP	142	
SOCKACTV	140	4
SOCKASIZ	16C	580
SOCKCANC	141	80
SOCKCVER	8	1
SOCKDELS	141	10
SOCKESPL	16C	
SOCKEYE	0	
SOCKFLG1	140	
SOCKFLG2	141	
SOCKF101	140	1
SOCKF201	141	1
SOCKF202	141	2
SOCKF204	141	4
SOCKHOST	3E	
SOCKHST	3E	
SOCKITRC	140	8
SOCKIVER	8	1
SOCKJRCV	3A	
SOCKJTRC	140	20
SOCKJTRN	38	
SOCKLEN	6	
SOCKNAME	C	
SOCKNEXT	24	
SOCKNJER	34	
SOCKNODE	14	
SOCKNTSV	30	
SOCKNVNM	1C	
SOCKNXND	2C	
SOCKNXNS	28	
SOCKORCV	3B	
SOCKOTRN	39	

Table 655. Cross Reference for IATYSOCK (continued)

Name	Offset	Hex Tag
SOCKPARY	16C	
SOCKPCEC	16C	10
SOCKPORT	13E	
SOCKPSTR	141	40
SOCKPWD	144	
SOCKRSV1	9	
SOCKRSV2	154	
SOCKRSV4	13D	
SOCKSERV	140	2
SOCKSICM	141	8
SOCKSIZE	16C	16C
SOCKSPDX	3C	
SOCKSSON	140	40
SOCKSTMO	141	20
SOCKSTRT	0	
SOCKTLS	140	80
SOCKTRAC	140	38
SOCKVER	8	
SOCKVTRC	140	10
SOCKXPWD	14C	
SPGBPRI	39	
SPGEND	58	
SPGEYE	0	
SPGFLG1	C	
SPGJNUM	2C	
SPGJOBI	1C	
SPGJOBN	14	
SPGJTYP	38	
SPGLEN	8	
SPGMOD	B	
SPGONODE	3A	
SPGOWNN	24	
SPGPRC#	34	
SPGRSV1	E	
SPGRSV2	42	
SPGSIZE	58	58
SPGSTART	0	
SPGSTR#	D	
SPGTRC#	30	
SPGVER	A	
SPG0MOD	B	0
SPG1B01	C	1
SPG1B02	C	2
SPG1B04	C	4
SPG1JR	C	20
SPG1JS	C	40

Table 655. Cross Reference for IATYSOCK (continued)

Name	Offset	Hex Tag
SPG1SACT	C	80
SPG1SR	C	8
SPG1SS	C	10
SPG1VER	A	1

IATYSOR information

IATYSOR programming interface information

IATYSOR is a programming interface.

IATYSOR heading information

Common name: Initialization Sort List

Macro ID: IATYSOR

DSECT name: SORTLIST

Owning component: JES3 (SC1BA)

Eye-catcher ID: None

Storage attributes: Subpool: JESPOOL
Key: JES Key
Data Space: None
Residency: Any Private

Size: SORT1SIZ for SORTLIST *0149
SORTKFSZ for SORTKFMT *0149
*0149

Created by: Initialization modules IATINIF, IATINIP, *0149
IATINRN, IATINMD *0149

Pointed to by: Work area within module

Serialization: NONE

Function: Provides interface to sort routines used in initialization.

IATYSOR mapping

Table 656. Structure SORTLIST

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SORTLIST	
0	(0)	ADDRESS	4	SORTABL	ADDRESS OF TABLE TO BE SORTED
4	(4)	SIGNED	4	SORTINUM	NUMBER OF ITEMS IN TABLE 0036
8	(8)	SIGNED	2	SORTILEN	ITEM LENGTH IN BYTES
10	(A)	SIGNED	2	SORTKEYS	NUMBER OF SORT KEYS
12	(C)	SIGNED	4	SORTFEND(0)	End of Fixed Sort List 0149
12	(C)	X'C'	0	SORTFSIZ	"SORTFEND-SORTLIST" Size of Fixed Sort List 0149
12	(C)	SIGNED	2	SORTKPOS	POSITION OF SORT KEY
14	(E)	SIGNED	2	SORTKLEN	LENGTH OF SORT KEY
16	(10)	SIGNED	4	SORT1END(0)	End of Fixed Sort List with 0149 one sort key 0149
16	(10)	X'10'	0	SORT1SIZ	"SORT1END-SORTLIST" Size of Fixed Sort List 0149 with one sort key 0149

Table 657. Structure SORTKFMT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SORTKFMT	, Sort Key Format 0149
0	(0)	SIGNED	2	SORTKFPS	Sort Key Position 0149
2	(2)	SIGNED	2	SORTKFLN	Sort Key Length 0149
4	(4)	SIGNED	4	SORTKFEN(0)	End of Sort Key Data 0149
4	(4)	X'4'	0	SORTKFSZ	"SORTKFEN-SORTKFMT" Size of Sort Key Data 0149

Table 658. Cross Reference for IATYSOR

Name	Offset	Hex Tag
SORTABL	0	
SORTFEND	C	
SORTFSIZ	C	C
SORTILEN	8	
SORTINUM	4	
SORTKEYS	A	
SORTKFEN	4	
SORTKFLN	2	
SORTKFMT	0	
SORTKFPS	0	
SORTKFSZ	4	4
SORTKLEN	E	
SORTKPOS	C	
SORTLIST	0	
SORT1END	10	
SORT1SIZ	10	10

IATYSPB information

IATYSPB heading information

Common name: SPOOL PARTITION DEFINITION

Macro ID: IATYSPB

DSECT name: SPBSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: SPB
Offset: 0
Length: 4

Storage attributes: Main Storage: SUBPOOL 0

Size: 104 Bytes

Created by: IATINSP

Pointed to by: TVTSPLST in IATYTVT

Serialization: NONE

Function: Describes a SPOOL partition

IATYSPB mapping

Table 659. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

Table 660. Structure SPBSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SPBSTART	
0	(0)	CHARACTER	4	SPBID	DATA AREA IDENTIFIER
4	(4)	CHARACTER	8	SPBNAME	SPOOL PARTITION NAME
12	(C)	CHARACTER	8	SPBOVRFL	NAME OF OVERFLOW SPART
20	(14)	ADDRESS	4	SPBPTAT	ADDR OF PARTITION TAT
24	(18)	SIGNED	4	SPBTATSZ	LENGTH OF PTAT BIT MAP IN BYTES
28	(1C)	ADDRESS	4	SPBSCNPT	ADDR OF PTAT ALLOC RESUME SCAN
32	(20)	SIGNED	4	SPBSCNSZ	SCAN LENGTH REMAINING
36	(24)	ADDRESS	4	SPBEXT	Addr of first EXT entry
40	(28)	ADDRESS	4	SPBNSPB	ADDR OF NEXT SPB
44	(2C)	ADDRESS	4	SPBEXREL	ADDR OF EXTENT RELATIVE VECTOR
48	(30)	SIGNED	4	SPBTALL	# OF TRK GROUPS IN PARTITION
52	(34)	SIGNED	4	SPBNTEXT	LARGEST EXTENT SIZE IN TRK GRP
56	(38)	SIGNED	4	SPBNLEFT	# OF TRACK GROUPS AVAILABLE
60	(3C)	SIGNED	4	SPBMINGP	MIN THRESHOLD TRK GRP COUNT
64	(40)	SIGNED	4	SPBMRGGP	MARG THRESHOLD TRK GRP COUNT
68	(44)	ADDRESS	4	SPBMSGPT	ADDR OF PENDING ACTION MSG
72	(48)	SIGNED	2	SPBGRPSZ	NUMBER OF RECORDS/TRACK GROUP
74	(4A)	SIGNED	2	SPBEXTN	NUMBER OF EXTENTS THIS PART
76	(4C)	SIGNED	2	SPBNDX	INDEX TO THIS PARTITION
78	(4E)	SIGNED	2	SPBOVNDX	INDEX TO OVERFLOW SPART
80	(50)	BITSTRING	1	SPBMINTR	MINIMAL THRESHOLD PERCENTAGE
81	(51)	BITSTRING	1	SPBMRGTR	MARGINAL THRESHOLD PERCENTAGE
82	(52)	BITSTRING	1	SPBFLAG	FLAG BYTE
		DEFINITION OF SPBFLAG MUST MATCH SPCFLAG IN IATYSPC AND SPRFLAG IN IATYSPR			
		1...		SPBDEF	"X'80'" DEF=YES
		.1..		SPBINIT	"X'40'" INIT=YES
		..1.		SPBNOOVR	"X'20'" OVRFL=NO
		...1		SPBDEL	"X'10'" PARTITION DELETED
		.... 1...		SPBNOALL	"X'08'" ALLOCATION NOT ALLOWED
		.... .1..		SPBOVRP	"X'04'" OVERFLOW INTO THIS PARTITION
		.... ..1.		SPBMINOV	"X'02'" SPLIM MINIMAL OVERRIDE
		1		SPBMRGOV	"X'01'" SPLIM MARGINAL OVERRIDE
83	(53)	BITSTRING	1	SPBSTFLG	ALLOCATION STATUS INDICATORS
		DEFINITION OF SPBSTFLG			

Table 660. Structure SPBSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		SPBMRGQ	"X'80'" MARGINAL THRESHOLD REACHED
		.1..		SPBMRGM	"X'40'" MARGINAL THRESHOLD MSG ISSUED
		..1.		SPBMINQ	"X'20'" MINIMAL THRESHOLD REACHED
		...1		SPBMINM	"X'10'" MINIMAL THRESHOLD MSG ISSUED
		.... 1...		SPBFULLQ	"X'08'" PARTITION IS FULL
		.... .1..		SPBFULLM	"X'04'" PARTITION FULL MSG ISSUED
		.... ..1.		SPBOVFLQ	"X'02'" PARTITION OVERFLOWED
		1		SPBOVFLM	"X'01'" PARTITION OVERFLOW MSG ISSUED
84	(54)	BITSTRING	1	SPBWTFLG	FLAG BYTE
		DEFINITION OF SPBWTFLG			
		1...		SPBFULLW	"X'80'" THIS SPART AND OVERFLOWS FULL
		.1..		SPBMRGW	"X'40'" MARGINAL COND IN LAST OVRFL SPAR
		..1.		SPBMINW	"X'20'" MINIMAL COND IN LAST OVRFL SPART
		...1		SPBFMSG	"X'10'" NEW MESSAGE NEEDED
85	(55)	BITSTRING	1	SPBFLAG2	Flag byte 2
		Definition of SPBFLAG2			
		1...		SPBADDED	"X'80'" SPB was added dynamically
		.1..		SPBDLTED	"X'40'" SPB was deleted dynamically
86	(56)	BITSTRING	2	SPBRSVDB	RESERVED FOR DEVELOPMENT
88	(58)	SIGNED	4	SPBNOMIN	DOM id for msg IAT8158
92	(5C)	SIGNED	4	SPBRSVD(2)	RESERVED FOR DEVELOPMENT
100	(64)	SIGNED	4	SPBRSVU(2)	RESERVED FOR USER
108	(6C)	SIGNED	4	SPBRSVS	Reserved for Service
108	(6C)	X'70'	0	SPBEND	"*"
108	(6C)	X'70'	0	SPBSIZE	"SPBEND-SPBSTART"

Table 661. Cross Reference for IATYSPB

Name	Offset	Hex Tag
SPBADDED	55	80
SPBDEF	52	80
SPBDEL	52	10
SPBDLTED	55	40
SPBEND	6C	70
SPBEXREL	2C	
SPBEXT	24	
SPBEXTN	4A	
SPBFLAG	52	
SPBFLAG2	55	
SPBFMSG	54	10

Table 661. Cross Reference for IATYSPB (continued)

Name	Offset	Hex Tag
SPBFULLM	53	4
SPBFULLQ	53	8
SPBFULLW	54	80
SPBGRPSZ	48	
SPBID	0	E2D7C240
SPBINIT	52	40
SPBMINGP	3C	
SPBMINM	53	10
SPBMINOV	52	2
SPBMINQ	53	20
SPBMINTR	50	
SPBMINW	54	20
SPBMRGGP	40	
SPBMRGM	53	40
SPBMRGOV	52	1
SPBMRGQ	53	80
SPBMRGTR	51	
SPBMRGW	54	40
SPBMSGPT	44	
SPBNAME	4	
SPBNDX	4C	
SPBNLEFT	38	
SPBNOALL	52	8
SPBNOMIN	58	
SPBNOOVR	52	20
SPBNSPB	28	
SPBNTEXT	34	
SPBOVFLM	53	1
SPBOVFLQ	53	2
SPBOVNDX	4E	
SPBOVRFL	C	
SPBOVRP	52	4
SPBPTAT	14	
SPBRSVD	5C	
SPBRSVDB	56	
SPBRSVS	6C	
SPBRSVU	64	
SPBSCNPT	1C	
SPBSCNSZ	20	
SPBSIZE	6C	70
SPBSTART	0	
SPBSTFLG	53	
SPBTALL	30	
SPBTATSZ	18	
SPBWTFLG	54	

IATYSPL information

IATYSPL programming interface information

IATYSPL is a programming interface.

IATYSPL heading information

Common name:	Intermediate Text Spool Parameter List
Macro ID:	IATYSPL
DSECT name:	SPLSTART
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Main Storage: Any Subpool: 0 Key: 1
Size:	SPLSIZE bytes
Created by:	IATINDT
Pointed to by:	Contained within IATYINT
Serialization:	NONE
Function:	This macro is used to generate (and map) the parameter list that is used to read and write the intermediate text associated with an initialization statement via the ITREAD/ITWRITE macros. The parameter list contains the following information: (1) The identifier that is used to locate the FDB associated with the intermediate text within the Initialization File Directory (IFD). (2) The length of the data to be written. (3) The address of the data to be written for ITWRITE requests, or the current logical record number of the record just read for ITREAD requests. (4) The total number of bytes of intermediate text written so far.

IATYSPL mapping

Table 662. Structure SPLSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SPLSTART	, Intermediate Text Spool Parameter List
0	(0)	ADDRESS	2	SPLTID	Intermediate text file id
2	(2)	SIGNED	2	SPLDSIZE	Size of data to be written
4	(4)	ADDRESS	4	SPLDADDR	Address of data to be written (for ITWRITE)
4	(4)	X'4'	0	SPLLRECN	"SPLDADDR,4" Logical record number of intermediate text record just read (for ITREAD)
8	(8)	SIGNED	4	SPLTOTAL	Total amount of data written so far
12	(C)	SIGNED	4	SPLEND(0)	End of parameter list
12	(C)	X'C'	0	SPLSIZE	"SPLEND-SPLSTART" Size of parameter list

IATYSPP information

IATYSPP programming interface information

IATYSPP is a programming interface.

IATYSPP heading information

Common name:	SETPRT INPUT PARAMETER LIST
Macro ID:	IATYSPP
DSECT name:	SPPSTART
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Main Storage: Below 16M
Size:	76 Bytes
Created by:	IATOSPS
Pointed to by:	SPPCHAIN (IATYSPP) TVTSPPCH (IATYTVT)
Serialization:	N/A
Function:	SETPRT (SVC81) input parameter list

IATYSPP mapping

Table 663. Structure SPPSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SPPSTART	
0	(0)	ADDRESS	4	SPPCHAIN	ADDR OF NEXT SETPRT ENTRY
4	(4)	ADDRESS	4	SPPECF	ECF ADDRESS TO POST
8	(8)	BITSTRING	1	(3)	MUST BE ZERO, FILLED IN LATER
11	(B)	BITSTRING	1	SPPMSK	MASK TO POST UPON COMPLETION
12	(C)	ADDRESS	4	SPPFCT	SPP FCT SAVE
16	(10)	SIGNED	4	(0)	
16	(10)	ADDRESS	1	SPPESTAE	FLAGS FOR TCB,PURGE,ASYNCH, AND CANCEL
17	(11)	ADDRESS	3		FIELD NO LONGER USED
20	(14)	ADDRESS	4		PARM. LIST ADDR. NOT SPECIFIED
24	(18)	ADDRESS	4		TCB NOT SPECIFIED
28	(1C)	ADDRESS	1		FLAGS
29	(1D)	ADDRESS	1		THIRD FLAG BYTE
30	(1E)	ADDRESS	2		RESERVED
32	(20)	ADDRESS	4		TOKEN VALUE AREA
36	(24)	ADDRESS	4		EXIT ADDR NOT SPECD
40	(28)	BITSTRING	1	SPSTAEND(0)	END OF ESTAE
40	(28)	X'18'	0	ESTASIZE	"SPSTAEND-SPPESTAE"
40	(28)	SIGNED	4	SPPRSVS	RESERVED FOR SERVICE
44	(2C)	SIGNED	2	SPPRSVD	RESERVED FOR DEVELOPMENT
46	(2E)	SIGNED	2	SPPRSVU	RESERVED FOR USER
48	(30)	SIGNED	4	SPABNDFL(0)	ABEND FLAGS
48	(30)	BITSTRING	1	SPABNDF1	ABEND FLAG 1

Table 663. Structure SPPSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF SPABNDF1			
		1...		SPPABND	"X'80'" SETPRT ABENDED
		.1..		SPPSTEND	"X'40'" SUBTASK HAS ENDED $$$$
		..1.		SPPSTERM	"X'20'" SUBTASK IN TERMINATION $$$$
49	(31)	BITSTRING	1	SPPDMMOD(16)	SPACE FOR DUMMY COPY MOD(OSPS)
65	(41)	BITSTRING	1	SPPRSVFS	RESERVED FOR SERVICE
66	(42)	BITSTRING	2	SPPRSVFD	RESERVED FOR DEVELOPMENT
68	(44)	BITSTRING	1	SPPRSVFU	RESERVED FOR USER
72	(48)	SIGNED	4	SPPABCC	SETPRT ABEND CODE $$$$

```
      IHASPP DSECT=NO
THE FOLLOWING DESCRIBES THE FIELDS OF THE SETPRT (SVC 81)
PARAMETER LIST. Y02072
DESCRIPTIVE LAYOUT
  +0 (00) ____________________________________________________
          | | SPPDCBB |
  +4 (04) |____________|_____________________________________|
          | SPPUCS |
  +8 (08) |____________________________________________________|
          | SPPLDMOD | SPPVERFY | SPPFDUNF | SPPFCB...|
 +12 (0C) |____________|____________|____________|__________|
          | ...SPPFCB | SPPVERAL |
 +16 (10) |_________________________________________|__________|
          | SPPFLAG1 | SPPFLAG2 | SPPCPYNR | SPPSTCNR |
 +20 (14) |____________|____________|____________|__________|
          | SPPLEN @G38ESMH| SPPFRMNR | SPPTRC |
 +24 (18) |___________________________|____________|__________|
          | SPPMODPT |
 +28 (1C) |____________________________________________________|
          | SPPIMAGE |
 +32 (20) |____________________________________________________|
          | SPPXLAT1 |
 +36 (24) |____________________________________________________|
          | SPPXLAT2 |
 +40 (28) |____________________________________________________|
          | SPPXLAT3 |
 +44 (2C) |____________________________________________________|
          | SPPXLAT4 |
 +48 (30) |____________________________________________________|
          | SPPEMSGA @G38ESMH|
 +52 (34) |____________________________________________________|
          | SPPLIDCB @G38ESMH|
 +56 (38) |____________________________________________________|
          | SPPCOPYP | SPPFLAG3 | RESERVED
 +60 (3C) |____________|____________|_______________________|
          | RESERVED
          |____________________________________________________|
```

76	(4C)	SIGNED	4	SPPARM(0)	
76	(4C)	ADDRESS	4	SPPDCBA(0)	SAME AS SPPDCBB BELOW
76	(4C)	BITSTRING	1		FILLER
77	(4D)	ADDRESS	3	SPPDCBB	ADDRESS OF USERS DCB
80	(50)	CHARACTER	4	SPPUCS	UCS IMAGE ID
84	(54)	BITSTRING	1	SPPLDMOD	LOAD MODE
		.1..		SPPLMFLD	"X'40'" UCS FOLD OPTION. TESTED IN UCS IMAGE PROCESSOR.
85	(55)	BITSTRING	1	SPPVERFY	VERIFY UCS IMAGE
		...1		SPPVERIU	"X'10'" VERIFY UCS IMAGE
86	(56)	BITSTRING	1	SPPFDUNF	OPTCD - FOLD OR UNFOLD
		1...		SPPFBLK	"X'80'" BLOCK DATA CHECKS
		.1..		SPPFUBLK	"X'40'" UNBLOCK DATA CHECKS
		..1.		SPPSCHED	"X'20'" SCHEDULE FOR IMMED PRT
		...1		SPPNOSCD	"X'10'" DO NOT SCHED IMMED PRT

Table 663. Structure SPPSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		SPPUNFLD	"X'08'" UNFOLD OPTION ASKED
		.... .1..		SPPFOLD	"X'04'" FOLD OPTION ASKED
		1		SPPEXTL	"X'01'" EXTENDED SETPRT LIST
87	(57)	CHARACTER	4	SPPFCB(0)	FCB IMAGE ID
87	(57)	ADDRESS	4	SPPFCBAD(0)	FCB IMAGE ADDRESS
87	(57)	ADDRESS	1		
88	(58)	ADDRESS	3	SPPFCBB	
91	(5B)	BITSTRING	1	SPPVERAL	VERIFY/ALIGN FCB
		1...		SPPVERIF	"X'80'" VERIFY IMAGE
		.1..		SPPNOFRP	"X'40'" BYPASS FORMS POSITIONING
		1		SPPVERAF	"X'01'" ALIGN FCB
92	(5C)	BITSTRING	1	SPPFLAG1	FIRST BYTE OF FLAGS
		1...		SPPBURST	"X'80'" BURST OPTION ASKED
		.1..		SPPREX	"X'40'" RETRANSMIT ASKED
		..1.		SPPINIT	"X'20'" INIT REQUESTED
		...1		SPPNOMSG	"X'10'" SUPPRESS MESSAGE PRINT
		.... 1...		SPPBFREQ	"X'08'" BYPASS WTOR FOR FORMS OVERLAY
		.... .1..		SPPBTREQ	"X'04'" BYPASS WTOR FOR BURST-THREAD
92	(5C)	X'4'	0	SPPNOMNT	"SPPBTREQ" BYPASS MOUNT MESSAGES
		.... ..1.		SPPBOMSG	"X'02'" BYPASS WCGM OVF. MSG.
		1		SPPFORC	"X'01'" JES FORCE LOAD
93	(5D)	BITSTRING	1	SPPFLAG2	SECOND BYTE OF FLAGS
		1...		SPPMODI	"X'80'" COPY MOD ADDRESS SUPPLIED
		.1..		SPPXLT10	"X'40'" TRANSLATE TABLE 1 ADDRESS SUPPLIED
		..1.		SPPXLT20	"X'20'" TRANSLATE TABLE 2 ADDRESS SUPPLIED
		...1		SPPXLT30	"X'10'" TRANSLATE TABLE 3 ADDRESS SUPPLIED
		.... 1...		SPPXLT40	"X'08'" TRANSLATE TABLE 4 ADDRESS SUPPLIED
		.... .1..		SPPADFCB	"X'04'" FCB ADDRESS SUPPLIED
94	(5E)	BITSTRING	1	SPPCPYNR	NO OF COPIES TO BE PRINTED
95	(5F)	BITSTRING	1	SPPSTCNR	STARTING COPY NUMBER
96	(60)	BITSTRING	2	SPPLEN	PARMLIST LENGTH
98	(62)	BITSTRING	1	SPPFRMNR	NUMBER OF FORM OVERLAY FRAME FLASHED COPIES
99	(63)	BITSTRING	1	SPPTRC	TABLE REF CHAR
100	(64)	ADDRESS	4	SPPMODPT(0)	COPY MODIFY
100	(64)	ADDRESS	4	SPPMDPTA(0)	COPY MOD NAME OR ADDR
100	(64)	BITSTRING	1		FILLER
101	(65)	ADDRESS	3	SPPMDPTB	COPY MODIFY ADDRESS
104	(68)	ADDRESS	4	SPPIMAGE(0)	FORMS OVERLAY
104	(68)	ADDRESS	4	SPPIMAGA(0)	IMAGE NAME OR ADDRESS
104	(68)	BITSTRING	1		FILLER
105	(69)	ADDRESS	3	SPPIMAGB	IMAGE ADDRESS
108	(6C)	ADDRESS	4	SPPXLAT1(0)	TRANSLATE TABLE 1

Table 663. Structure SPPSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
108	(6C)	ADDRESS	4	SPPXLT1A(0)	TRANS TABLE 1 NAME
108	(6C)	BITSTRING	1		FILLER
109	(6D)	ADDRESS	3	SPPXLT1B	TRANS TABLE 1 ADDRESS
112	(70)	ADDRESS	4	SPPXLAT2(0)	TRANSLATE TABLE 2
112	(70)	ADDRESS	4	SPPXLT2A(0)	TRANS TABLE 2 NAME
112	(70)	BITSTRING	1		FILLER
113	(71)	ADDRESS	3	SPPXLT2B	TRANS TABLE 2 ADDRESS
116	(74)	ADDRESS	4	SPPXLAT3(0)	TRANSLATE TABLE 3
116	(74)	ADDRESS	4	SPPXLT3A(0)	TRANS TABLE 3 NAME
116	(74)	BITSTRING	1		FILLER
117	(75)	ADDRESS	3	SPPXLT3B	TRANS TABLE 3 ADDRESS
120	(78)	ADDRESS	4	SPPXLAT4(0)	TRANSLATE TABLE 4
120	(78)	ADDRESS	4	SPPXLT4A(0)	TRANS TABLE 4 NAME
120	(78)	BITSTRING	1		FILLER
121	(79)	ADDRESS	3	SPPXLT4B	TRANS TABLE 4 ADDRESS
124	(7C)	ADDRESS	4	SPPEMSGA	USER MESSAGE AREA PTR.
128	(80)	ADDRESS	4	SPPLIDCB	USER LIB DCB ADDRESS
132	(84)	BITSTRING	1	SPPCOPYP	COPYP SPECIFICATION
133	(85)	BITSTRING	1	SPPFLAG3	THIRD BYTE OF FLAGS
		1...		SPPCPYPS	"X'80'" COPYP WAS SPECIFIED
		.1..		SPPPSPDS	"X'40'" PSPEED WAS SPECIFIED
		EQU X'20' RESERVED EQU X'10' RESERVED			
		 1111		SPPPSPED	"X'0F'" PSPEED SPECIFICATION AS FOLLOWS: BITS 4-7 0000 - NOCHANGE 0100 - LOW 1000 - MEDIUM 1100 - HIGH
134	(86)	BITSTRING	1	(6)	RESERVED
134	(86)	X'8C'	0	SPPEND	"*" END OF SETPRT PARMLIST
134	(86)	X'40'	0	SPPLSTLN	"SPPEND-SPPARM" PARAMETER LIST LENGTH

Table 664. Structure SPPMCOMA

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SPPMCOMA	
0	(0)	BITSTRING	2	SPPMCLEN	LENGTH OF AREA
2	(2)	BITSTRING	2	SPPRSV02	RESERVED
4	(4)	BITSTRING	2	SPPRSV04	RESERVED
6	(6)	BITSTRING	2	SPPTXTL	LENGTH OF RETURN TEXT
8	(8)	BITSTRING	2	SPPRSV08	RESERVED
10	(A)	CHARACTER	1	SPPTXT	RETURNED TEXT
		SET PRINT ERROR RETURN CODES. THESE CODES WILL BE PLACED IN THE PROPER LOCATION IN REGISTER 15, TO INDICATE THE ERROR CONDITION THAT HAS OCCURED.			
		....		SPPSUCCP	"X'00'" SUCCESSFUL COMPLETION
		.... .1..		SPPIMNO	"X'04'" IMAGE NOT FOUND
		.... 1...		SPPBLDLP	"X'08'" BLDL PERMANENT I/O ERROR

Table 664. Structure SPPMCOMA (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 11..		SPPLOADP	"X'0C'" LOAD PERMANENT I/O ERROR
		...1		SPPREADP	"X'10'" READ PERMANENT I/O ERROR
		...1 .1..		SPPFCBV	"X'14'" WRONG FCB IMAGE
		...1 1...		SPPNOOP	"X'18'" NO OPERATION PERFORMED
		...1 11..		SPPUCERR	"X'1C'" NOP, PREVIOUS UNCORRECTIABLE ERROR
		..1.		SPPSPACE	"X'20'" INSUFFICIENT SPACE
		..1. .1..		SPPIMLIB	"X'24'" IMAGE LIBRARY CAN NOT BE OPENED
		..1. 1...		SPPFOVLF	"X'28'" CAN NOT LOAD FORMS OVERLAY FRAME
		..1. 11..		SPPCANCL	"X'2C'" OPERATOR CANCELED
		..11		SPPMCGM	"X'30'" TOO MANY CGMS REQUESTED
		..11 .1..		SPPTRCIN	"X'34'" COPY MOD TRC FIELD INVALID
		..11 1...		SPPEODSR	"X'38'" ERROR WHILE ISSUING EODS
		..11 11..		SPPNOBR	"X'3C'" NO BURSTER/SHEET STACKERFEATURE INSTALLED
		.1..		SPPPIOER	"X'40'" A PERMENT I/O ERROR HAS OCCURED
		.1.. .1..		SPPNOCGM	"X'44'" CGM NOT SPECIFIED IN CHARACTER ARRANGEMENT TABLE TRAILER
		.1.. 1...		SPPLDATA	"X'48'" LOST DATA DUE TO CANCEL KEY OR SYSTEM RESTART
		.1.. 11..		SPPLDCHK	"X'4C'" I/O ERROR LOAD CHECK
		.1.1		SPPSPOOL	"X'50'" ERROR ON SETPRT-SYSOUT
		SET PRINT 3800 REASON CODES. THESE CODES WILL APPEAR IN REGISTER 0, WHEN AN ERROR CONDITION IS RETURNED.			
		.... .1..		SPPTRTBL	"X'04'" TRANSLATE TABLE
		.... .1..		SPPPJAM	"X'04'" PRINTER SYSTEM RESTART
		.... .1..		SPPISTOR	"X'04'" IN STORAGE ADDRESS SPECIFIED FOR SYSOUT
		.... 1...		SPPCPMOD	"X'08'" COPY MODIFY RECORD
		.... 1...		SPPCNCLK	"X'08'" CANCEL KEY
		.... 1...		SPPJFCB	"X'08'" ERROR REDING JFCB OR JFCBE FOR SYSOUT DATA
		.... 11..		SPPCPNR	"X'0C'" COPY NUMBER
		.... 11..		SPPCLOSE	"X'0C'" CLOSE SSI ERROR
		...1		SPPGCMR	"X'10'" GRAPHIC CHARACTER MODULE RECORD
		...1		SPPOPEN	"X'10'" OPEN SSI ERROR
		...1 .1..		SPPFOSEQ	"X'14'" FORMS OVERLAY SEQUENCE CONTROL RECORD
		...1 .1..		SPPSFA	"X'14'" SPOOL FILE ALLOCATION ERROR FOR SYSOUT DATA
		...1 1...		SPPLCS	"X'18'" LIBRARY CHARACTER SET
		...1 1...		SPPENQ	"X'18'" SYSOUT TIOT ENQ ERROR
		...1 11..		SPPCGMR	"X'1C'" CHARACTER GENERATION MODULE
		...1 11..		SPPOPCT	"X'1C'" MULTIPLE SYSOUT DCBS
		..1.		SPPFCBRC	"X'20'" FORMS CONTROL BUFFER
11	(B)	BITSTRING	1	SPPSIZE(0)	

Table 665. Cross Reference for IATYSPP

Name	Offset	Hex Tag
ESTASIZE	28	18
SPABNDFL	30	
SPABNDF1	30	
SPPABCC	48	
SPPABND	30	80
SPPADFCB	5D	4
SPPARM	4C	
SPPBFREQ	5C	8
SPPBLDLP	A	8
SPPBOMSG	5C	2
SPPBTREQ	5C	4
SPPBURST	5C	80
SPPCANCL	A	2C
SPPCGMR	A	1C
SPPCHAIN	0	
SPPCLOSE	A	C
SPPCNCLK	A	8
SPPCOPYP	84	
SPPCPMOD	A	8
SPPCPNR	A	C
SPPCPYNR	5E	
SPPCPYPS	85	80
SPPDCBA	4C	
SPPDCBB	4D	
SPPDMMOD	31	
SPPECF	4	
SPPEMSGA	7C	
SPPEND	86	8C
SPPENQ	A	18
SPPEODSR	A	38
SPPESTAE	10	
SPPEXTL	56	1
SPPFBLK	56	80
SPPFCB	57	
SPPFCBAD	57	
SPPFCBB	58	
SPPFCBRC	A	20
SPPFCBV	A	14
SPPFCT	C	
SPPFDUNF	56	
SPPFLAG1	5C	
SPPFLAG2	5D	
SPPFLAG3	85	
SPPFOLD	56	4
SPPFORC	5C	1
SPPFOSEQ	A	14

Table 665. Cross Reference for IATYSPP (continued)

Name	Offset	Hex Tag
SPPFOVLF	A	28
SPPFRMNR	62	
SPPFUBLK	56	40
SPPGCMR	A	10
SPPIMAGA	68	
SPPIMAGB	69	
SPPIMAGE	68	
SPPIMLIB	A	24
SPPIMNO	A	4
SPPINIT	5C	20
SPPISTOR	A	4
SPPJFCB	A	8
SPPLCS	A	18
SPPLDATA	A	48
SPPLDCHK	A	4C
SPPLDMOD	54	
SPPLEN	60	
SPPLIDCB	80	
SPPLMFLD	54	40
SPPLOADP	A	C
SPPLSTLN	86	40
SPPMCGM	A	30
SPPMCLEN	0	
SPPMCOMA	0	
SPPMDPTA	64	
SPPMDPTB	65	
SPPMODI	5D	80
SPPMODPT	64	
SPPMSK	B	
SPPNOBR	A	3C
SPPNOCGM	A	44
SPPNOFRP	5B	40
SPPNOMNT	5C	4
SPPNOMSG	5C	10
SPPNOOP	A	18
SPPNOSCD	56	10
SPPOPCT	A	1C
SPPOPEN	A	10
SPPPIOER	A	40
SPPPJAM	A	4
SPPPSPDS	85	40
SPPPSPED	85	F
SPPREADP	A	10
SPPREX	5C	40
SPPRSVD	2C	0
SPPRSVFD	42	

Table 665. Cross Reference for IATYSPP (continued)

Name	Offset	Hex Tag
SPPRSVFS	41	
SPPRSVFU	44	
SPPRSVS	28	0
SPPRSVU	2E	0
SPPRSV02	2	
SPPRSV04	4	
SPPRSV08	8	
SPPSCHED	56	20
SPPSFA	A	14
SPPSIZE	B	
SPPSPACE	A	20
SPPSPOOL	A	50
SPPSTART	0	
SPPSTCNR	5F	
SPPSTEND	30	40
SPPSTERM	30	20
SPPSUCCP	A	0
SPPTRC	63	
SPPTRCIN	A	34
SPPTRTBL	A	4
SPPTXT	A	
SPPTXTL	6	
SPPUCERR	A	1C
SPPUCS	50	
SPPUNFLD	56	8
SPPVERAF	5B	1
SPPVERAL	5B	
SPPVERFY	55	
SPPVERIF	5B	80
SPPVERIU	55	10
SPPXLAT1	6C	
SPPXLAT2	70	
SPPXLAT3	74	
SPPXLAT4	78	
SPPXLT1A	6C	
SPPXLT1B	6D	
SPPXLT10	5D	40
SPPXLT2A	70	
SPPXLT2B	71	
SPPXLT20	5D	20
SPPXLT3A	74	
SPPXLT3B	75	
SPPXLT30	5D	10
SPPXLT4A	78	
SPPXLT4B	79	
SPPXLT40	5D	8

Table 665. Cross Reference for IATYSPP (continued)

Name	Offset	Hex Tag
SPSTAEND	28	

IATYSRD information

IATYSRD programming interface information

The following fields are **NOT** programming interface information:

- SNFRRLCB
- SRDELCB
- SRDINCD
- SRDMSTLG
- SRDSIMLG
- SRDSSWE

IATYSRD heading information

Common name:	SNARJP DATA CSECT
Macro ID:	IATYSRD
DSECT name:	QMSSTART, SNRJSV, SDUMWORK, SNFRRPAR
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	SRD Offset: 0 Length: 4
Storage attributes:	Main Storage: Contained within module IATSNL in the JES3 Private Area. Below 16M Auxiliary Storage: N/A
Size:	1786 Bytes
Created by:	MODULE IATSNL
Pointed to by:	SRTSRDC in the SNA RJP RESIDENT TABLE (IATYSRT).
Serialization:	N/A
Function:	Contains control fields and routine addresses needed by the SNA RJP DSP and SNA RJP SUBTASK.

IATYSRD mapping

Table 666. Structure QMSSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	QMSSTART	
0	(0)	SIGNED	4	QMSCHN	CHAIN FIELD FOR CHAINING MSG TO SRT
4	(4)	SIGNED	2	QMSRSVD	Reserved for development
6	(6)	BITSTRING	1	QMSFLAG	FLAG FOR MESSAGE WHEN QUEUED
6	(6)	X'6'	0	QMSCON	"QMSFLAG" DESTINATION CONSOLE
		.1..		QMSLOG	"X'40'" SEND MESSAGE TO SYSTEM LOG
		..1.		QMSERR	"X'20'" SEND MESSAGE TO ERR CONSOLE
		...1		QMSALL	"X'10'" SEND MESSAGE TO ALL CONSOLE
		.... 1...		QMSCNID	"X'08'" SEND TO CONSOLE ID SPECIFIED
		.... ..1.		QMSTP	"X'02'" SEND MESSAGE TO TP CONSOLE

Table 666. Structure QMSSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description

```
MSCNDB IATYCNDB DSECT=NO CONSOLE DESTINATION BLOCK
   IATYCNDB_1:;
   START OF SPECIFICATIONS
  01 PROPRIETARY STATEMENT=
    PROPRIETARY_STATEMENT
    LICENSED MATERIALS - PROPERTY OF IBM
    5647-A01 COPYRIGHT IBM CORP. 1989, 2010
    STATUS= HJS7770
    END_OF_PROPRIETARY_STATEMENT
      This data area is maintained as a CASE mapping macro.
      Changes should be made to the CASE source and then
      the PLX and Assembler should be regenerated.
      Do NOT make changes to the PLX or Assembler directly!
  01 Descriptive Name: Console Destination Block
        Acronym: CNDB
  01 Macro Name: IATYCNDB
  01 DSECT name: IATYCNDB
        --based variable for storage mapping
  01 Component: JES3 (SC1BA)
  01 Function:
  02 The console destination block is a control block that
        contains information related to the destination that
        messages should be sent to. This control block is built
        as commands are entered into to the system and is used by
        command processors as a destination for where to return
        messages to. The control block is imbeded in other
        control blocks and the size of the data area must not
        change (otherwise a JES3 cold start is required). The
        data is referenced by non-source maintained modules, so
        offsets into the data area must not change.
  01 Eye-Catcher: CNDBEYE
  02 Offset: 4
  02 Length: 4
  01 Language: PL/X
  01 Storage attributes:
  02 Allocation Method: Imbeded within other control blocks
  02 Main Storage: 94
  02 Virtual Storage: 94
  02 Auxiliary Storage: 94
  02 Subpool: n/a
  02 Key: 1
  02 Data Space: N/A
  02 Residency: any
  02 Frequency: n/a
  02 Size: 94
  02 Created by: n/a
  02 Deleted by: n/a
```

```
  02 Pointed to by: Imbeded within other control blocks
  02 Serialization: none
  01 EXTERNAL CLASSIFICATION: DMTI
  01 END OF EXTERNAL CLASSIFICATION:
  01 Method Of access:
  02 ASM: IATYCNDB
  02 PLX: %INCLUDE SYSLIB(IATYCNDB)
  01 CHANGE ACTIVITY:
      $QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support
      $RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init
      $T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0
       CASE/390 - VERSION 49
   END OF SPECIFICATIONS
```

8	(8)	SIGNED	4	QMSCNDB(0)	IATYCNDB.27: based variable for storage mapping
8	(8)	SIGNED	4		Four byte console id 0176
12	(C)	CHARACTER	4		IATYCNDB eyecatcher
16	(10)	ADDRESS	4		IATYCNDB version
20	(14)	BITSTRING	8		Reserved for development
28	(1C)	BITSTRING	8		Console Name 0176
36	(24)	BITSTRING	24		Reserved for development
60	(3C)	SIGNED	2		Reserved for development
62	(3E)	BITSTRING	40		Reserved for development
102	(66)	CHARACTER	0	QMSTEXT(0)	SIZE FIELD PLUS MSG TEXT
102	(66)	BITSTRING	1	QMSSIZE	SIZE TO MESSAGE

Table 666. Structure QMSSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
103	(67)	BITSTRING	120	QMSMSG	MESSAGE TEXT AREA
224	(E0)	DBL WORD	8	QMSWKA1	WORK AREA 1
232	(E8)	BITSTRING	12	QMSWKA2	WORK AREA 2
248	(F8)	DBL WORD	8	(0)	Ensure doubleword alignment
248	(F8)	X'F8'	0	QMSEND	"*-QMSSTART" SIZE OF QMS DSECT

Table 667. Structure SNRJSV

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SNRJSV	
0	(0)	CHARACTER	0	SNRJSVA(0)	STANDARD 18 WORD SAVEAREA
0	(0)	SIGNED	4	SNRJSVCH	USED TO CHAIN TO FREE QUEUE
0	(0)	SIGNED	4	SNRJSVRT	USED TO SAVE RETURN ADDR FOR FRR RECOVERY
4	(4)	SIGNED	4	SNRJSVBK	BACKWARD SAVE AREA POINTER
8	(8)	SIGNED	4	SNRJSVFW	FORWARD SAVE AREA POINTER
12	(C)	SIGNED	4	SNRJSVRG(15)	REGISTERS R14 THRU R12
72	(48)	CHARACTER	0	SNRJSVWK(0)	WORK AREA
72	(48)	SIGNED	4	SNRJSVW1	WORK WORD 1
76	(4C)	SIGNED	4	SNRJSVW2	WORK WORD 2
80	(50)	SIGNED	4	SNRJSVW3	WORK WORD 3
84	(54)	SIGNED	4	SNRJSVW4	WORK WORD 3
84	(54)	X'58'	0	SNRJSVSZ	"*-SNRJSV" SIZE OF SNRJSV DSECT

Table 668. Structure SDUMWORK

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SDUMWORK	
0	(0)	ADDRESS	4	SDUMSAVE(18)	SAVE AREA FOR BRANCH ENTRY
72	(48)	ADDRESS	4	SDUMRET	RETURN ADDRESS
76	(4C)	SIGNED	4	SDUMADRL(0)	START OF ADDRESS LIST
76	(4C)	ADDRESS	4	SDUMSTRA	BEGINING ADDRESS
80	(50)	ADDRESS	4	SDUMENDA	ENDING ADDRESS
80	(50)	X'8'	0	SDUMELEN	"*-SDUMSTRA" LENGTH OF LIST ENTRY
84	(54)	SIGNED	2	SDUMLSTE(0)	
		1...		SDUMLAST	"X'80'" END OF LIST INDICATOR
76	(4C)	ADDRESS	4	(30)	
76	(4C)	X'C4'	0	SDUMWRKE	"*" END OF LIST
76	(4C)	X'C4'	0	SDUMWRKL	"SDUMWRKE-SDUMWORK" LENGTH OF WORK AREA ERR GREATER THAN 200
196	(C4)	BITSTRING	1	(0)	

Table 669. Structure SNFRRPAR

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SNFRRPAR	
0	(0)	ADDRESS	4	SNFRRLCB	LCB ADDRESS
4	(4)	ADDRESS	4	SNFRRCID	SESSION ID (CID)

Table 669. Structure SNFRRPAR (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
8	(8)	BITSTRING	1	SNFRRTOK	RELATED TOKEN VALUE
9	(9)	BITSTRING	1	SNFRRFLG	FRR CONTROL FLAG
		1...		SNFRRRIC	"X'80'" RETRY ROUTINE ENTERED
		.1..		SNFRRECR	"X'40'" FRR recursion flag - set when FRR is entered the first time
9	(9)	X'A'	0	SNFRREND	"*" END OF PARAMETER LIST GENERATE ERROR IF LENGTH EXCEEDS 6 WORDS
10	(A)	BITSTRING	1	(0)	

Table 670. Structure SRDMPADS

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SRDMPADS	
0	(0)	ADDRESS	4	SRDMPDCB	CONSOLE DESTINATION BLOCK
4	(4)	ADDRESS	4	SRDMPDMA	MESSAGE ADDRESS
8	(8)	ADDRESS	4	SRDMPDVL(7)	LIST OF ADDRESSES OF MESSAGE PARAMETERS
8	(8)	X'24'	0	SRDMPDED	"*" END OF PARAMETER LIST
8	(8)	X'24'	0	SRDMPLEN	"(SRDMPDED-SRDMPADS)" GENERATE ERROR IF LENGTH EXCEEDS 36 BYTES
36	(24)	BITSTRING	1	(0)	

Table 671. Structure IATYSRD

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATYSRD	

```
IATYSRD --- S N A R J P D A T A C S E C T
USED--TO CONTAIN THOSE FIELDS NEEDED BY THE SNA RJP DSP
      AND SNA RJP SUBTASK
SNARJP SAVE AREA. 18 WORD SAVE AREA REQUIRED TO BE THE FIRST
ENTRY IN THE SNARJP DATA CSECT SO THAT THE DSP CAN ISSUE VTAM
MACROS. VTAM REQUIRES R13 TO POINT TO A SAVE AREA AND JES3
REQUIRES R13 TO POINT TO THE DATA CSECT.
```

0	(0)	SIGNED	4	SRDDSPSV(18)	DSP SAVE AREA

```
LIST OF MODULES TO BE ALOADED BY SNARJP DSP
    FORMAT--8 CHARACTER MODULE NAME
          --4 BYTE ADDRESS--THIS IS 1 IF MODULE NOT AVAIL
            DURING TEST TIME.
            FILLED WITH ENTRY PT LOC AT LOAD TIME
          --X'FF' END OF TABLE ENTRY IN NAME FIELD
```

72	(48)	CHARACTER	8	SRDMDLST	SNA RJP BUILD CONTROL BLOCKS MODULE
80	(50)	ADDRESS	4	SRDEPLOC	ADRESS SET WHEN LOADED
80	(50)	X'C'	0	SRDMDLEN	"*-SRDMDLST" LENGTH OF ENTRY
84	(54)	CHARACTER	8		SUBTASK MODULE, LOADED BY ATTACH
96	(60)	CHARACTER	8		SNA RJP CANCEL MODULE
108	(6C)	CHARACTER	8		SNA RJP OPERATOR CMD MODULE
120	(78)	CHARACTER	8		DFC NEGATIVE RESPONSE ROUTINE
132	(84)	CHARACTER	8		DFC RECEIVE ROUTINE
144	(90)	CHARACTER	8		DFC RESTART ROUTINE
156	(9C)	CHARACTER	8		DFC RUGET ROUTINE
168	(A8)	CHARACTER	8		DFC STATE MANAGER ROUTINE

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
180	(B4)	CHARACTER	8		DFC WORKSTATION OPEN ROUTINE
192	(C0)	CHARACTER	8		DFC WORKSTATION CLOSE ROUTINE
204	(CC)	CHARACTER	8		DFC DFASY ROUTINE
216	(D8)	CHARACTER	8		DFC OUTPUT ROUTINE
228	(E4)	CHARACTER	8		DFC RESPONSE ROUTINE
240	(F0)	CHARACTER	8		DFC RUPUT ROUTINE
252	(FC)	CHARACTER	8		DFC SEND ROUTINE
264	(108)	CHARACTER	8		DFC TERMINATE ROUTINE
276	(114)	CHARACTER	8		DFC FRR ROUTINE
288	(120)	CHARACTER	8		DFC RETURN CODE ANALYSIS ROUTINE
300	(12C)	CHARACTER	8		SAVE AREA GET ROUTINE
312	(138)	CHARACTER	8		FUNCTION MANAGEMENT INBOUND ROUTINE
324	(144)	CHARACTER	8		FUNCTION MANAGEMENT OUTBOUND ROUTINE
336	(150)	CHARACTER	8		PRESENTATION SERVICE INBOUND
348	(15C)	CHARACTER	8		PRESENTATION SERVICE OUTBOUND
360	(168)	CHARACTER	8		MESSAGE SEND ROUTINE
372	(174)	CHARACTER	8		SNARJP FAILDSP PROCESSOR
384	(180)	CHARACTER	8		TERMINATION STATUS MANAGER
396	(18C)	CHARACTER	8		LCB USE COUNT MANAGER
408	(198)	CHARACTER	8		TERMINATION RESET ROUTINE
420	(1A4)	CHARACTER	8		EXTRA ENTRY FOR EXPANSION
432	(1B0)	CHARACTER	8		EXTRA ENTRY FOR EXPANSION
444	(1BC)	CHARACTER	8	SRDRSVU1	RESERVED FOR USER
456	(1C8)	BITSTRING	1	SRDMLEN	MUST BE LAST ENTY IN MODULIST
EXECUTE INSTRUCTION USED TO INITIALIZE THE ENTRY POINT ADDRESS IN SNARJP MODULE AFTER ALOAD BASE AND DISPLACEMENT ARE MODIFIED DYNAMICALLY					
ADCONS OF SUBROUTINES OF SNARJP DSP/SUBTASK					
464	(1D0)	ADDRESS	4	SRDACNTL	ADDRESS OF CONTROL AWAIT
468	(1D4)	ADDRESS	4	SRDRNJSS	ADDRESS OF RETURN TO JSS RTN
472	(1D8)	ADDRESS	4	SRDSUBT	ADDRESS OF SUBTASK RTN
476	(1DC)	ADDRESS	4	SRDOPCL	ADDRESS OF OPEN/CLOSE RTN
480	(1E0)	ADDRESS	4	SRDBLDCB	ADDRESS OF BUILD CONTROL BLOCK RTN
484	(1E4)	ADDRESS	4	SRDCNRJP	ADDDRESS OF CANCEL SNARJP ROUTINE
488	(1E8)	ADDRESS	4	SRDCNLWS	ADDRESS OF CANCEL WORKSTATION
492	(1EC)	ADDRESS	4	SRDSIMLX	ADDRESS OF SIMLOGON EXIT
496	(1F0)	ADDRESS	4	SRDOPNDX	ADDRESS OF OPNDST EXIT
500	(1F4)	ADDRESS	4	SRDCLSDX	ADDRESS OF CLSDST EXIT
504	(1F8)	ADDRESS	4	SRDCLSEX	ADDRESS OF CLSDST ERROR EXIT
508	(1FC)	ADDRESS	4	SRDSETLX	ADDRESS OF SETLOGON EXIT
512	(200)	ADDRESS	4	SRDLSTMX	ADDRESS OF LOSTERM EXIT
516	(204)	ADDRESS	4	SRDTPNDX	ADDRESS OF TPEND EXIT
520	(208)	ADDRESS	4	SRDLOGNX	ADDRESS OF LOGON EXIT
524	(20C)	ADDRESS	4	SRDESTA	ADDRESS OF ESTAE RTN

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
528	(210)	ADDRESS	4	SRDJESTA	ADDRESS OF JESTAE RTN
532	(214)	ADDRESS	4	SRDJRTRY	ADDRESS OF JESTAE RETRY RTN
536	(218)	ADDRESS	4	SRDRMVCB	ADDRESS OF REMOVE CONTROL BLOCK RTN
540	(21C)	ADDRESS	4	SRDOPCOM	ADDRESS OF PROCESS OP COMMAND RTN
544	(220)	ADDRESS	4	SRDRSVS4	Reserved for service
548	(224)	ADDRESS	4	SRDPWKQ	ADDRESS OF PROCESS WORK QUEUE RTN
552	(228)	ADDRESS	4	SRDPMSGQ	Address of process msg queue
556	(22C)	ADDRESS	4	SRDCONSV	LOC OF CONSOLE SERV. APPENDAGE
560	(230)	ADDRESS	4	SRDSIMRT	SIMLOGON SUBROUTINE IN IATSNLD
564	(234)	ADDRESS	4	SRDRSVD2(2)	RESERVED FOR DEVELOPMENT
572	(23C)	CHARACTER	4	SRDCBID	CONTROL BLOCK EYE CATCHER
576	(240)	ADDRESS	4	SRDINCD	CURRENT WSB FOR INCD QUEUE
576	(240)	X'240'	0	SRDINFL	"SRDINCD" FLAG FOR INCD PROCESSOR
		1...		SRDINFLM	"X'80'" INCD PROCESSOR ACTIVE -MUST BE JUST HIGH ORDER BIT
580	(244)	ADDRESS	4	SRDRSVU2	RESERVED FOR USER
	CONSTANTS				
584	(248)	SIGNED	4	SRDFFOUR	FOR GENERAL USE
588	(24C)	SIGNED	4	SRDFONE	FOR GENERAL USE
592	(250)	SIGNED	2	SRDRUMIN	MINIMUM RU SIZE
594	(252)	SIGNED	2	SRDRUMAX	MAXIMUM RU SIZE
596	(254)	SIGNED	2	SRDRUBIG	HALF MAXIMUM RU SIZE
		...1 11..		SRDRUBB	"X'1C'" ENCODED 4096
		1... .1.1		SRDRULB	"X'85'" ENCODED 256
598	(256)	BITSTRING	1	SRDBUFLM	LIMIT OF LOSTERM'S PER SESSION PERMITTED PRIOR TO ISSUING A CLSDST
599	(257)	BITSTRING	1	SRDRSVD8	RESERVED FOR DEVELOPMENT
600	(258)	BITSTRING	1	SRDRSVS8	RESERVED FOR SERVICE
601	(259)	BITSTRING	1	SRDRSVU8	RESERVED FOR USER
601	(259)	X'1'	0	SRDONE	"1" COMPARE VALUE FOR MODULE NOT AVAIL
601	(259)	X'2'	0	SRDTWO	"2" FOR GENERAL USE
601	(259)	X'3'	0	SRD3	"3" FOR GENERAL USE
601	(259)	X'4'	0	SRDFOUR	"4" FOR GENERAL USE
601	(259)	X'7'	0	SRD7	"7" FOR GENERAL USE
601	(259)	X'0'	0	SRDZERO	"0" FOR GENERAL USE
601	(259)	X'0'	0	SRDPERR	"0" PERMANET ERROR CODE
601	(259)	X'4'	0	SRDRETRY	"4" RETRYCODE
601	(259)	X'8'	0	SRDNORML	"8" NORMAL CODE
601	(259)	X'D'	0	SRDPOOL	"13" SUBPOOL # FOR ALL SNA GETMAINS
601	(259)	X'84'	0	SRDCONRL	"132" MAX LEN FOR CON OR PRT RECORD
	VTAM APPLICATION ID, PASSWORD, AND ECB.				
602	(25A)	BITSTRING	1	SRDAPLNL	LENGTH OF APPLICATION NAME
603	(25B)	CHARACTER	8	SRDAPLNM	APPLICATION NAME

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
611	(263)	BITSTRING	1	SRDAPSWL	LENGTH OF PASSWORD
612	(264)	CHARACTER	8	SRDAPSWD	PASSWORD
620	(26C)	SIGNED	4	SRDCLECB	ECB FOR CLOSE ACB
		VTAM BIND REJECTION SENSE CODES			
624	(270)	BITSTRING	1	SRDSENBC	SENSE CODE INFORMATION USED BY THE BUILD CONTROL BLOCKS ROUTINE
625	(271)	BITSTRING	1	SRDMODBC	SENSE MODIFIER CODE INFORMATION USED BY THE BUILD CONTROL BLOCK ROUTINE
		1		SRDRNA	"X'01'" RESOURCE NOT AVAILABLE
		.... .1..		SRDBPASS	"X'04'" INVALID PASSWORD SPECIFIED
		.... .1.1		SRDSLMEX	"X'05'" SESSION LIMIT EXCEEDED
		 1111		SRDEUNA	"X'0F'" END USER NOT AUTHORIZED
		...1 .1.1		SRDFACT	"X'15'" FUNCTION ACTIVE
		...1 1...		SRDLPAT	"X'18'" LINK PROCEEDURE ACTIVE WORKSTATION BEING LOGGED OFF
		..1. ...1		SRDINVSP	"X'21'" INVALID SESSION PARAMETERS
		VARIABLES			
628	(274)	ADDRESS	4	SRDMSTLG	MASTER SIMLOGON POINTER SET TO FIRST
		RLT DURING INITIALIZATION, UPDATED AS SIMLOGON IS ISSUED FOR EACH WORKSTATION			
632	(278)	ADDRESS	4	SRDSIMLG	SIMLOGON POINTER, ADDRESSOF RLT FOR WHICH A SIMLOGON IS TO BE ISSUED
636	(27C)	ADDRESS	4	SRDFPTR	FIRST PRINTER SUPUNIT ON WS (TEMP)
640	(280)	ADDRESS	4	SRDFPUN	FIRST PUNCH SUPUNIT ON WS (TEMP)
644	(284)	ADDRESS	4	SRDWSBL	ADDRESS OF AGTMNED AREA FOR WSB
648	(288)	ADDRESS	4	SRDLCBL	ADDRESS OF AGTMNED AREA FOR LCB
652	(28C)	SIGNED	4	SRDSECPL	ADDR OF SECURITY PARAMETER LIST (MAPPED BY IATYSEC)
656	(290)	ADDRESS	4	SRDRULOC	ADDRESS OF AGTMNED AREA FOR RU'S
660	(294)	SIGNED	4	SRDOPNRT	RETURN CODE FROM OPEN ACB
664	(298)	BITSTRING	12	SRDWSFDB	WORKSTATION BLOCK FDB
676	(2A4)	BITSTRING	12	SRDSPFDB	SUPUNIT FDB
688	(2B0)	BITSTRING	28	SRDTATFD	SRF TAT FDB FOR TRACE TABLE
716	(2CC)	BITSTRING	32	SRDTRFDB	FDB FOR TR TABLE SPINOFF
748	(2EC)	ADDRESS	4	SRDTRCON	TRACE ON ROUTINE
752	(2F0)	ADDRESS	4	SRDTROFF	TRACE OFF ROUTINE
756	(2F4)	ADDRESS	4	SRDBUFTR	TRACE BUFFER SPIN OFF RTN
760	(2F8)	SIGNED	4	SRDTBYTS	TRACE number of bytes
764	(2FC)	SIGNED	2	SRDRUSZ	RU SIZE FOR THIS SESSION
764	(2FC)	X'2FC'	0	SRDGETSZ	"SRDRUSZ" ALTERNATE NAME
766	(2FE)	SIGNED	2	SRDRUBSZ	RU BUFFER SIZE
768	(300)	SIGNED	2	SRDRUNM	NUMBER OF RU'S FOR THIS SESSION
770	(302)	SIGNED	2	SRDSUPNM	NUMBER OF SUPUNITS FOR THIS WS
772	(304)	CHARACTER	8	SRDCTBNM	CTAB NAME
780	(30C)	SIGNED	2	SRDDEVSZ	TOTAL SPACE FOR DVE'S

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
782	(30E)	BITSTRING	1	SRDACBOP	ECF USED BY TO COMMUNICATE
783	(30F)	BITSTRING	1	SRDRSVD3	RESERVED FOR DEVELOPMENT
784	(310)	BITSTRING	1	SRDRSVS3	RESERVED FOR SERVICE
785	(311)	BITSTRING	1	SRDRSVU3	RESERVED FOR USER
788	(314)	SIGNED	4	SRDRTADR	RETRY ROUTINE RETURN ADDR
792	(318)	ADDRESS	4	SRDSGINF	Pointer to info record
796	(31C)	BITSTRING	8	SRDSGNPM(0)	Parm list for JESXCF SIGNON
796	(31C)	ADDRESS	4	SRDSGNAM	Pointer to console name
800	(320)	ADDRESS	4	SRDSGINA	Pointer to info record addr
804	(324)	SIGNED	2	SRDRSVD5	Reserved for development
806	(326)	SIGNED	2		RESERVED
808	(328)	SIGNED	2	SRDPRUSZ	OUTBOUND RU SIZE
810	(32A)	SIGNED	2	SRDSRUSZ	INBOUND RU SIZE
812	(32C)	SIGNED	4	SRDRSVU4	RESERVED FOR USER BACK TO DSP DURING OPEN ACB
812	(32C)	X'30E'	0	SRDOSUC	"SRDACBOP" VTAM OPEN ACB SUCCESSFUL
		1...		SRDOSUCM	"X'80'" MASK FOR OPNSUC
812	(32C)	X'30E'	0	SRDOFAL	"SRDACBOP" VTAM OPEN ACB FAILED
		.1..		SRDOFALM	"X'40'" MASK FOR OPNFAIL
816	(330)	BITSTRING	1	SRDSPFL1	DSP FLAG BYTE
816	(330)	X'330'	0	SRDCNN	"SRDSPFL1" CANCEL SNA RJP FLAG
		1...		SRDCNNM	"X'80'" CANCEL SNA RJP IF ON
816	(330)	X'330'	0	SRDCNI	"SRDSPFL1" CANCEL SNA RJP IMMEDIATE
		.1..		SRDCNIM	"X'40'" IF ON
816	(330)	X'330'	0	SRDCRPN	"SRDSPFL1" PREVENTS REPETITIVE CANCEL NORMAL
		..1.		SRDCRPNM	"X'20'" IF ON
816	(330)	X'330'	0	SRDCRPI	"SRDSPFL1" PREVENTS REPETITIVE CANCEL IMMEDIATE
		...1		SRDCRPIM	"X'10'" IF ON
816	(330)	X'330'	0	SRDCNWS	"SRDSPFL1" CANCEL WORKSTATION IMMEDIATED
		.... 1...		SRDCNWSM	"X'08'" IF ON
816	(330)	X'330'	0	SRDFRC	"SRDSPFL1" FORCE SNARJP FLAG ON
		.... .1..		SRDFRCM	"X'04'" IF ON
817	(331)	CHARACTER	10	SRDMVAR1	MESSAGE VARIABLE 1
827	(33B)	CHARACTER	10	SRDMVAR2	MESSAGE VARIABLE 2
837	(345)	CHARACTER	10	SRDMVAR3	MESSAGE VARIABLE 3
847	(34F)	BITSTRING	1	SRDCWK	CURRENT WORK WORD
848	(350)	BITSTRING	1	SRDCSVWK	SAVE OF CURRENT WORK WORD
849	(351)	CHARACTER	133	SRDICCOM	BFR FOR COMMANDS TO INTERCOM
982	(3D6)	CHARACTER	1	SRDCOMM	CONSOLE COMMAND CODE
983	(3D7)	CHARACTER	5	SRDWSNAM	CONSOLE COMMAND WS NAME
988	(3DC)	CHARACTER	16	SRDCVHEX	BINARY-HEX CONV. TBL.

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description

```
RDCNDB IATYCNDB DSECT=NO CALLING CONSOLE DESTINATION
                                BLOCK
   IATYCNDB_1:;
   START OF SPECIFICATIONS
  01 PROPRIETARY STATEMENT=
    PROPRIETARY_STATEMENT
    LICENSED MATERIALS - PROPERTY OF IBM
    5647-A01 COPYRIGHT IBM CORP. 1989, 2010
    STATUS= HJS7770
    END_OF_PROPRIETARY_STATEMENT
      This data area is maintained as a CASE mapping macro.
      Changes should be made to the CASE source and then
      the PLX and Assembler should be regenerated.
      Do NOT make changes to the PLX or Assembler directly!
  01 Descriptive Name: Console Destination Block
        Acronym: CNDB
  01 Macro Name: IATYCNDB
  01 DSECT name: IATYCNDB
         --based variable for storage mapping
  01 Component: JES3 (SC1BA)
  01 Function:
  02 The console destination block is a control block that
        contains information related to the destination that
        messages should be sent to. This control block is built
        as commands are entered into to the system and is used by
        command processors as a destination for where to return
        messages to. The control block is imbeded in other
        control blocks and the size of the data area must not
        change (otherwise a JES3 cold start is required). The
        data is referenced by non-source maintained modules, so
        offsets into the data area must not change.
  01 Eye-Catcher: CNDBEYE
  02 Offset: 4
  02 Length: 4
  01 Language: PL/X
  01 Storage attributes:
  02 Allocation Method: Imbeded within other control blocks
  02 Main Storage: 94
  02 Virtual Storage: 94
  02 Auxiliary Storage: 94
  02 Subpool: n/a
  02 Key: 1
  02 Data Space: N/A
  02 Residency: any
  02 Frequency: n/a
  02 Size: 94
  02 Created by: n/a
  02 Deleted by: n/a
```

```
  02 Pointed to by: Imbeded within other control blocks
  02 Serialization: none
  01 EXTERNAL CLASSIFICATION: DMTI
  01 END OF EXTERNAL CLASSIFICATION:
  01 Method Of access:
  02 ASM: IATYCNDB
  02 PLX: %INCLUDE SYSLIB(IATYCNDB)
  01 CHANGE ACTIVITY:
      $QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support
      $RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init
      $T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0
       CASE/390 - VERSION 49
   END OF SPECIFICATIONS
```

1004	(3EC)	SIGNED	4	SRDCNDB(0)	IATYCNDB.27: based variable for storage mapping
1004	(3EC)	SIGNED	4		Four byte console id 0176
1008	(3F0)	CHARACTER	4		IATYCNDB eyecatcher
1012	(3F4)	ADDRESS	4		IATYCNDB version
1016	(3F8)	BITSTRING	8		Reserved for development
1024	(400)	BITSTRING	8		Console Name 0176
1032	(408)	BITSTRING	24		Reserved for development
1056	(420)	SIGNED	2		Reserved for development
1058	(422)	BITSTRING	40		Reserved for development BLOCK

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		JESTAE/ESTAE FIELDS			
1100	(44C)	SIGNED	4	(0)	ALIGN ON FULLWORD BOUNDARY
		SUBROUTINES FOR SNARJP DSP/SUBTASK			
1100	(44C)	ADDRESS	4	SRDSETAC	ACTIVATE SNARJP SUBRTN
1104	(450)	ADDRESS	4	SRDINITD	CHECK WS ENTRIES SUBRTN
		SAVE WORD FOR RPL ADDR IN THE CASE OF ADM551. USED FOR SNARJP DSP RECOVERY ONLY.			
1108	(454)	ADDRESS	4	SRD551RP	CONTAINS FAILING RPL ADDR OR 0 IN THE CASE OF A DM551
		FAILSOFT DMXXX FAILURE CODE IF A FAILDSP OCCURRED, OR ELSE, BLANK. USED FOR SNARJP DSP RECOVERY ONLY.			
1112	(458)	CHARACTER	5	SRDFSCOD	DMXXX FAILURE CODE OR BLANK
1117	(45D)	BITSTRING	3	SRDRSVD1	RESERVED FOR DEVELPOMENT
1120	(460)	SIGNED	4	SRDRSVD4	RESERVED FOR DEVELOPMENT
		SAVE WORK WORD OF RECURSING ROUTINE			
1124	(464)	BITSTRING	1	SRDRCRWK	JESTAE SAVE WRK WRD
1125	(465)	BITSTRING	1	SRDRSVS2	RESERVED FOR SERVICE
		SAVE CURRENT SUBTASK WORK WORD			
1126	(466)	BITSTRING	1	SRDCSWKS	SAVE SUB WORK WORD
		PUSH DOWN STACK OF NESTED DSP RTNS SAVE AREA FOR WORK WORDS IN JESTAE			
1127	(467)	BITSTRING	1	SRDRSTWK	SAVE CUR WK WRD TO RESET
1128	(468)	BITSTRING	1	SRDRSWK2	SAVE CUR WK WRD RESET TWICE
1129	(469)	BITSTRING	1	SRDFLAG1	FLAG USED BY JESTAE FOR RECURSION
		1...		SRDSEC	"X'80'" MASK USED TO INDICATE IN RETRY
		.1..		SRD551	"X'40'" INDICATOR THAT DM551 HAS OCCURRED
		..1.		SRDTHIRD	"X'20'" ABEND IN RECURSN RTN
		...1		SRDSNLS2	"X'10'" ESTAE IN CONTROL
		.... 1...		SRDWKWDV	"X'08'" FAILING WORK WORD IS VALID
		.... .1..		SRDLOGNW	"X'04'" LOGON ROUTINE IS WAITING FOR BUILD CONTROL BLOCK ROUTINE
		CALL CARD READER COMMAND SKELETON			
1130	(46A)	ADDRESS	1	SRDXCR	LENGTH TO INTERCOM
1131	(46B)	CHARACTER	9		BODY OF COMMAND
1140	(474)	CHARACTER	5	SRDWS	WORKSTATION NAME PLUGGED IN HERE
1145	(479)	CHARACTER	2		CONTINUATION OF BODY
1147	(47B)	CHARACTER	12	SRDRDRID	READER NUMBER AND ',H'
1147	(47B)	X'487'	0	SRDXEND	"*"

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
CURRENT WORK WORD VALUES. CONTAINS THE ID OF THE LAST SUBROUTINE OF THE SNA RJP DSP TO RECEIVE CONTROL. USED FOR DEBUGGING AND BY THE SNA RJP JESTAE ROUTINE					
		1		SRDWINIT	"X'01'" INITIALIZATION SUBROUTINE
		.... ..1.		SRDWGCTB	"X'02'" GET CTAB SUBROUTINE
		11		SRDWSACT	"X'03'" ACTIVATE SNARJP SUBROUTINE
		.... .1..		SRDWCNTL	"X'04'" CONTROL SUBROUTINE
		.... .1.1		SRDWJRT	"X'05'" RETURN TO JSS SUBROUTINE
		.... .11.		SRDWSML	"X'06'" MASTER SIMLOGON (BUILD CB)
		.... .111		SRDWLGV	"X'07'" LOGON VALIDATION RTN
		.... 1...		SRDWWSB	"X'08'" WSB IN CORE (BUILD CB)
		.... 1..1		SRDWRUS	"X'09'" RU SPACE RSRVD (BUILD CB)
		.... 1.1.		SRDWLOPN	"X'0A'" LU OPEN (BUILD CB)
		.... 1.11		SRDWALLS	"X'0B'" ALL SPACE RSRVD (BUILD CB)
		.... 11..		SRDWCNR	"X'0C'" CANCEL SNARJP SUBRTN
		.... 11.1		SRDWCNWS	"X'0D'" CANCEL SNARJP WS RTN
		.... 111.		SRDWCMDP	"X'0E'" COMMAND PROCESSOR RTN
		 1111		SRDWRMCB	"X'0F'" REMOVE CONTROL BLKS
		...1		SRDWRSVS	"X'10'" Reserved for service
		...1 ...1		SRDWJSTA	"X'11'" JESTAE ROUTINE
		...1 ..1.		SRDWPASS	"X'12'" PASSWORD VALIDATION ROUTINE 0126
		...1 ..11		SRDWWRKP	"X'13'" WORK PROCESSOR RTN
		...1 .1..		SRDWMSGP	"X'14'" Message processor rtn
		...1 .1..		SRDWMAX	"X'14'" MUST BE EQUAL TO LARGEST... ENTRY IN CUR WORK WORD ... TABLE OF EQUATES ABOVE!
1159	(487)	BITSTRING	1	SRDCSWK	CURRENT SUBTASK WORK WORD
THIS FIELD WILL CONTAIN THE ID OF THE LAST SUBROUTINE IN THE SNA RJP SUBTASK TO RECEIVE CONTROL. IT IS USED BY THE ESTAE EXIT IN CASE OF ABEND AND FOR DEBUGGING. NOTE, ONLY IATSNLS SUBTASK AND ASSOCIATED IRBS WILL USE FLAGS.					
		1		SRDWOPEN	"X'01'" OPEN PROCESSING
		.... ..1.		SRDWCLOS	"X'02'" CLOSE PROCESSING
		11		SRDWOPND	"X'03'" OPNDST EXIT
		.... .1..		SRDWCLSD	"X'04'" CLSDST EXIT
		.... .1.1		SRDWCLSE	"X'05'" CLSDST ERROR EXIT
		.... .11.		SRDWSETL	"X'06'" SETLOGON EXIT
		.... .111		SRDWSIML	"X'07'" SIMLOGON EXIT
		.... 1...		SRDWLOGN	"X'08'" LOGON EXIT
		.... 1..1		SRDWTPND	"X'09'" TPEND EXIT
		.... 1.1.		SRDWLSTM	"X'0A'" LOSTERM EXIT
		.... 1.11		SRDWESTA	"X'0B'" ESTAE PROCESSING
		.... 11..		SRDREXIT	"X'0C'" RESPONSE IRB EXIT
		.... 11.1		SRDDFASY	"X'0D'" DFASY IRB EXIT
1160	(488)	BITSTRING	1	SRDCSWKL	LAST COMPLETED EVENT IN THE SUBTASK
1161	(489)	BITSTRING	1	SRDRSVS1	RESERVED FOR SERVICE

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1164	(48C)	SIGNED	4	SRDMAXWK	MAX SUBTASK WORK INDICATOR MUST BE EQUAL TO LARGEST... ENTRY IN SUBTASK WORK WORD ... TABLE OF EQUATES ABOVE!
SAVE AREA USED ONLY BY ROUTINES THAT ARE DIRECTLY SCDEDULED BY VTAM AS IRBS. ONLY ONE SAVE AREA IS REQUIRED FOR ALL IRBS SINCE VTAM CAN SCHEDULE ONLY ONE IRB OFF THE SNARJP SUBTASK AT A TIME.					
1168	(490)	SIGNED	4	SRDIRBSV(18)	SAVE AREA TO BE USED BY IRB RTNS
REGISTER SAVE AREA USED ONLY BY IATSNSG WHILE GETTING A SAVE AREA FOR A ROUTINE RUNNING UNDER AN SRB. IT IS USED ONLY WHILE THE LOCAL LOCK IS HELD. THIS INSURES THAT ONLY ONE SRB EXIT AT A TIME CAN USE THE AREA.					
1240	(4D8)	SIGNED	4	SRDR14	SAVE AREA FOR R14
1244	(4DC)	SIGNED	4	SRDR15	SAVE AREA FOR R15
1248	(4E0)	SIGNED	4	SRDR4	SAVE AREA FOR R4
1252	(4E4)	BITSTRING	1	SRDKEY	SAVE AREA FOR CALLERS KEY
1. CONSTANTS USED BY LOGON EXIT 2. ECB USED FOR LOGON EXIT AND BUILD CONTROL BLOCK COMMUNICATION					
1253	(4E5)	BITSTRING	1	SRDRSVS	RESERVED FOR SERVICE
1256	(4E8)	SIGNED	4	SRDFRLG	FREELOGON ECB
WORK AREA USED BY LOGON EXIT. 0					
1260	(4EC)	SIGNED	4	SRDLWKA(0)	LOGON EXIT WORK AREA
1260	(4EC)	ADDRESS	4	SRDSSWE	SECURITY SUBTASK WORK ELEMEN0126 CONTAINS SNARJP LOGON 0126 INFORMATION. ADDRESS IS SAVE0126 FOR LOGON EXIT ABEND 0126
1264	(4F0)	CHARACTER	8	SRDLUNAM	LOGICAL UNIT NAME, SAVED 0126 FOR ESTAE EXIT USE 0126
1272	(4F8)	ADDRESS	4	SRDLGREJ	REJECTED LOGON QUEUE 0126
1276	(4FC)	SIGNED	4	SRDSVR10	JESTAE R10 SAVE WORD
1280	(500)	CHARACTER	5	SRDSVWSN	JESTAE WS NAME SAVE FIELD
1285	(505)	CHARACTER	2	SRDRSVS5	RESERVED FOR SERVICE 0126
1287	(507)	BITSTRING	1	SRDSNLSC	FLAG 0126
		1...		SRDSNLSM	"X'80'" MASK FOR ACB CLOSING
		.1..		SRDSNLSP	"X'40'" PROCESSING CURRENT PASSWORD
		..1.		SRDSNLSX	"X'20'" SECURITY FAILURE VIA IATXSEC
1288	(508)	SIGNED	4	SRDRSVU5	RESERVED FOR USER
1288	(508)	X'20'	0	SRDLMSGL	"*-SRDLWKA" SIZE OF LOGON PARAM AREA
WORK AREA USED BY BUILD CONTROL BLOCKS. 0					
1292	(50C)	SIGNED	4	SRDBWKA(0)	BUILD CONTROL BLOCKS LOGON DATA
1292	(50C)	SIGNED	4	SRDBLRLT	RLT POINTER FOR GIVEN LOGON
1296	(510)	SIGNED	4	SRDBCIDS	ADDR OF SLOT IN CID TAB ALLOCATED
1300	(514)	CHARACTER	116	SRDBBNDA(0)	BIND AREA FOR SESSPARMS AND DATA
1300	(514)	CHARACTER	36	SRDBSESP	SESSION PARMS READ BY LOGON EXIT
1336	(538)	CHARACTER	80	SRDBLMSG	LOGON MSG READ BY LOGON EXIT
1416	(588)	CHARACTER	5	SRDBWSBN	WS NAME OF LU LOGGING ON
1421	(58D)	CHARACTER	8	SRDBLUNM	NAME OF LU LOGGING ON

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1429	(595)	CHARACTER	8	SRDBPSWD	PASSWORD FOR LU LOGGING ON
1437	(59D)	CHARACTER	8	SRDBNPSW	NEW PASSWORD
1448	(5A8)	SIGNED	4	SRDRSLCB	SAVED LCB POINTER
1452	(5AC)	SIGNED	4	SRDLCBSV	LCB CURRENTLY LOGGING ON
1456	(5B0)	SIGNED	4	SRDACBCL	ECF FOR DELETE MODULES
		1...		SRDACBCM	"X'80'" MASK FOR ABOVE
1460	(5B4)	SIGNED	4	SRDRSVU7	RESERVED FOR USER
1460	(5B4)	X'AC'	0	SRDBWKAL	"*-SRDBWKA" SIZE OF BUILD CB WORK AREA
VARIABLES USED BY LOSTERM EXIT					
1464	(5B8)	SIGNED	4	SRDRCNT	CODE FOR RECONNECT ATTEMPT
1468	(5BC)	SIGNED	4	SRDBUFLC	CODE FOR BUFFER LIMIT EXCEEDED
1472	(5C0)	SIGNED	4	SRDCLOG	CODE FOR CONDITIONAL LOGOFF
SAVE AREA AND VARIABLES USED IN ESTAE ROUTINE.					
1476	(5C4)	SIGNED	4	SRDRTYSV(16)	R0,R1,...,R15 SAVED HERE FOR RETRY
1540	(604)	SIGNED	4	SRDEGMA	ADDRESS OF GETMAINED AREA
1544	(608)	ADDRESS	4	SRDELCB	ADDR OF LCB SAVED FOR ESTAE RTN
1548	(60C)	BITSTRING	1	SRDEFLG1	ESTAE ROUTINE FLAG BYTE
1548	(60C)	X'60C'	0	SRDECLS	"SRDEFLG1" CLSDST FLAG
		1...		SRDECLSM	"X'80'" CLSDST COMPLETED SUCESSFULLY
1548	(60C)	X'60C'	0	SRDEOPN	"SRDEFLG1" OPNDST FLAG
		.1..		SRDEOPNM	"X'40'" OPNDST COMPLETED SUCESSFULLY
1548	(60C)	X'60C'	0	SRDESBN	"SRDEFLG1" SESSION ACTIVE FLAG
		..1.		SRDESEBN	"X'20'" OPNDST COMPLETED AND SESSION ACTIVE. (IATXRST MACRO ISSUED)
1548	(60C)	X'60C'	0	SRDELST	"SRDEFLG1" LOSTERM FLAG
		...1		SRDELSTM	"X'10'" INVALID LCB ADDR IN LOSTERM
NAMES USED FOR MESSAGE INPUT					
1549	(60D)	CHARACTER	10	SRDOPENN	
1559	(617)	CHARACTER	10	SRDCLOSN	
1569	(621)	CHARACTER	10	SRDLOGNN	
1579	(62B)	CHARACTER	10	SRDOPNDN	
1589	(635)	CHARACTER	10	SRDLTRMN	
1599	(63F)	CHARACTER	10	SRDCLSDN	
1609	(649)	CHARACTER	10	SRDCLSEN	
1619	(653)	CHARACTER	10	SRDSIMLN	
1629	(65D)	CHARACTER	10	SRDSETLN	
1639	(667)	CHARACTER	10	SRDTPNDN	
1649	(671)	CHARACTER	10	SRDINQN	
1659	(67B)	CHARACTER	10	SRDSNDN	
1669	(685)	CHARACTER	10	SRDRCVN	
1679	(68F)	CHARACTER	10	SRDRCVAN	
1689	(699)	CHARACTER	10	SRDRSRN	

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1699	(6A3)	CHARACTER	10	SRDSSCN	
1709	(6AD)	CHARACTER	10	SRDPDIRN	
1719	(6B7)	CHARACTER	10	SRDPNCHN	
1729	(6C1)	CHARACTER	10	SRDPRTN	
1739	(6CB)	CHARACTER	10	SRDRDRN	
1749	(6D5)	CHARACTER	10	SRDRSPEX	
1759	(6DF)	CHARACTER	10	SRDDFASX	
1769	(6E9)	CHARACTER	10	SRDRSVD6	RESERVED FOR DEVELOPMENT
1779	(6F3)	CHARACTER	10	SRDRSVS6(3)	RESERVED FOR SERVICE
1809	(711)	CHARACTER	10	SRDRSVU6(2)	RESERVED FOR USER
AREA USED BY ISSUER OF SIMLOGON MACRO TO BUILD LOGON MESSAGE					
1829	(725)	CHARACTER	1	SRDLMSGO	
1830	(726)	CHARACTER	5	SRDSLWSN	5 BYTE WORKSATION NAME
1835	(72B)	CHARACTER	1		
1836	(72C)	CHARACTER	8	SRDSLPSW	8 BYTE PASSWORD
1844	(734)	CHARACTER	1		
1844	(734)	X'10'	0	SRDSLMLN	"*-SRDLMSGO" SIMLOGON MESSAGE DATA LENGTH
LOGON RPL -- USED BY THE LOGON EXIT. SRDLGRPL RPL AM=VTAM,ACB=SRDACB,NIB=SRDLGNIB					
1848	(738)	SIGNED	4	SRDLGRPL(0)	
1848	(738)	ADDRESS	1		RPL IDENTIFICATION
1849	(739)	ADDRESS	1		RPL SUBTYPE X04SVHS
1850	(73A)	ADDRESS	1		RPL REQUEST TYPE
1851	(73B)	ADDRESS	1		RPL LENGTH X03004
1852	(73C)	ADDRESS	4		. POINTER TO PLACEHOLDER
1856	(740)	ADDRESS	4		. ECB
1860	(744)	BITSTRING	1		. STATUS BYTE
1861	(745)	BITSTRING	3		FEEDBACK CODES
1864	(748)	BITSTRING	1		THIRD REQUEST HEADER BYTE X04SVHS
1865	(749)	BITSTRING	1		SEND/RECEIVE TYPE X04SVHS
1866	(74A)	BITSTRING	1		REQUEST UNIT CHAIN POSITION
1867	(74B)	BITSTRING	1		VTAM FLAGS X3004BH
1868	(74C)	BITSTRING	1		POST/RESPOND FLAGS X04SVHS
1869	(74D)	BITSTRING	1		DATA CONTROL X04SVHS
1870	(74E)	BITSTRING	1		DATA CONTROL X04SVHS
1871	(74F)	BITSTRING	1		SESSION CONTROL X04SVHS
1872	(750)	ADDRESS	4		
1876	(754)	ADDRESS	3		. USER RH
1879	(757)	ADDRESS	1		SONCODE NOT SPECIFIED
1880	(758)	ADDRESS	4		. POINTER TO RECORD AREA
1884	(75C)	ADDRESS	4		POINTER TO NIB X03004
1888	(760)	BITSTRING	1		. OPTCD BYTE 1
1889	(761)	BITSTRING	1		

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1890	(762)	ADDRESS	1		. OPTCD BYTE 3 X04SVHS
1891	(763)	ADDRESS	1		. OPTCD BYTE 4 X04SVHS
1892	(764)	ADDRESS	4		. POINTER TO NEXT RPL
1896	(768)	ADDRESS	4		. RESERVED FOR LOGICAL REC LEN
1900	(76C)	ADDRESS	4		. RESERVED FOR BUFFER LENGTH OPTCD BYTES 5-8 X03004
1904	(770)	BITSTRING	1		
1905	(771)	BITSTRING	1		
1906	(772)	BITSTRING	1		
1907	(773)	BITSTRING	1		
1908	(774)	ADDRESS	2		STSN OUTBOUND SEQ NO X3004BH
1910	(776)	ADDRESS	2		STSN INBOUND SEQ NO X3004BH
1912	(778)	BITSTRING	1		STSN OUTBOUND ACTION CODES
1913	(779)	BITSTRING	1		STSN INBOUND ACTION CODES
1914	(77A)	ADDRESS	2		SEQUENCE NUMBER X3004BH
1916	(77C)	BITSTRING	1		
1917	(77D)	ADDRESS	1		ACTIVE INDICATOR
1918	(77E)	ADDRESS	2		. MAXIMUM ERROR MSG LENGTH
1920	(780)	ADDRESS	4		. RESERVED FOR MESSAGE AREA PTR
1924	(784)	ADDRESS	4		. ADDITIONAL DATA AREA PTR X03004
1928	(788)	ADDRESS	4		. ADDITIONAL AREA LENGTH X03004
1932	(78C)	ADDRESS	4		. ADDITIONAL RECORD LENGTH X03004
1936	(790)	BITSTRING	4		FEEDBACK AREA X03004
1940	(794)	BITSTRING	4		USER FIELD X03004
1944	(798)	BITSTRING	1		
1945	(799)	BITSTRING	1		
1946	(79A)	BITSTRING	1		
1947	(79B)	BITSTRING	1		
1948	(79C)	BITSTRING	1		SYSTEM SENSE OUTPUT X04SVHS DATA X03004JS
1949	(79D)	ADDRESS	1		SYSTEM SENSE MODIFIER OUTPUT X03004JS
1950	(79E)	ADDRESS	2		USER SENSE OUTPUT X3004BH
1952	(7A0)	ADDRESS	4		SAVE AREA OF FAST PATH
1956	(7A4)	ADDRESS	4		SIGNAL DATA FIELD
1960	(7A8)	ADDRESS	4		LUCB ADDREESS (JES3 EXT)
1964	(7AC)	SIGNED	2		ASY RETRY COUNTER (JES3 EXT)
1966	(7AE)	BITSTRING	7		RESERVED (JES3 EXT)
SETLOGON RPL - RPL USED FOR SYN AND ASY SETLOGONS SRDLSRPL RPL AM=VTAM,ACB=SRDACB					
1976	(7B8)	SIGNED	4	SRDSLRPL(0)	
1976	(7B8)	ADDRESS	1		RPL IDENTIFICATION
1977	(7B9)	ADDRESS	1		RPL SUBTYPE X04SVHS
1978	(7BA)	ADDRESS	1		RPL REQUEST TYPE
1979	(7BB)	ADDRESS	1		RPL LENGTH X03004
1980	(7BC)	ADDRESS	4		. POINTER TO PLACEHOLDER

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1984	(7C0)	ADDRESS	4		. ECB
1988	(7C4)	BITSTRING	1		. STATUS BYTE
1989	(7C5)	BITSTRING	3		FEEDBACK CODES
1992	(7C8)	BITSTRING	1		THIRD REQUEST HEADER BYTE X04SVHS
1993	(7C9)	BITSTRING	1		SEND/RECEIVE TYPE X04SVHS
1994	(7CA)	BITSTRING	1		REQUEST UNIT CHAIN POSITION
1995	(7CB)	BITSTRING	1		VTAM FLAGS X3004BH
1996	(7CC)	BITSTRING	1		POST/RESPOND FLAGS X04SVHS
1997	(7CD)	BITSTRING	1		DATA CONTROL X04SVHS
1998	(7CE)	BITSTRING	1		DATA CONTROL X04SVHS
1999	(7CF)	BITSTRING	1		SESSION CONTROL X04SVHS
2000	(7D0)	ADDRESS	4		
2004	(7D4)	ADDRESS	3		. USER RH
2007	(7D7)	ADDRESS	1		SONCODE NOT SPECIFIED
2008	(7D8)	ADDRESS	4		. POINTER TO RECORD AREA
2012	(7DC)	ADDRESS	4		. POINTER TO ARGUMENT
2016	(7E0)	BITSTRING	1		. OPTCD BYTE 1
2017	(7E1)	BITSTRING	1		
2018	(7E2)	ADDRESS	1		. OPTCD BYTE 3 X04SVHS
2019	(7E3)	ADDRESS	1		. OPTCD BYTE 4 X04SVHS
2020	(7E4)	ADDRESS	4		. POINTER TO NEXT RPL
2024	(7E8)	ADDRESS	4		. RESERVED FOR LOGICAL REC LEN
2028	(7EC)	ADDRESS	4		. RESERVED FOR BUFFER LENGTH OPTCD BYTES 5-8 X03004
2032	(7F0)	BITSTRING	1		
2033	(7F1)	BITSTRING	1		
2034	(7F2)	BITSTRING	1		
2035	(7F3)	BITSTRING	1		
2036	(7F4)	ADDRESS	2		STSN OUTBOUND SEQ NO X3004BH
2038	(7F6)	ADDRESS	2		STSN INBOUND SEQ NO X3004BH
2040	(7F8)	BITSTRING	1		STSN OUTBOUND ACTION CODES
2041	(7F9)	BITSTRING	1		STSN INBOUND ACTION CODES
2042	(7FA)	ADDRESS	2		SEQUENCE NUMBER X3004BH
2044	(7FC)	BITSTRING	1		
2045	(7FD)	ADDRESS	1		ACTIVE INDICATOR
2046	(7FE)	ADDRESS	2		. MAXIMUM ERROR MSG LENGTH
2048	(800)	ADDRESS	4		. RESERVED FOR MESSAGE AREA PTR
2052	(804)	ADDRESS	4		. ADDITIONAL DATA AREA PTR X03004
2056	(808)	ADDRESS	4		. ADDITIONAL AREA LENGTH X03004
2060	(80C)	ADDRESS	4		. ADDITIONAL RECORD LENGTH X03004
2064	(810)	BITSTRING	4		FEEDBACK AREA X03004
2068	(814)	BITSTRING	4		USER FIELD X03004
2072	(818)	BITSTRING	1		
2073	(819)	BITSTRING	1		
2074	(81A)	BITSTRING	1		
2075	(81B)	BITSTRING	1		

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2076	(81C)	BITSTRING	1		SYSTEM SENSE OUTPUT X04SVHS DATA X03004JS
2077	(81D)	ADDRESS	1		SYSTEM SENSE MODIFIER OUTPUT X03004JS
2078	(81E)	ADDRESS	2		USER SENSE OUTPUT X3004BH
2080	(820)	ADDRESS	4		SAVE AREA OF FAST PATH
2084	(824)	ADDRESS	4		SIGNAL DATA FIELD
2088	(828)	ADDRESS	4		LUCB ADDRESS (JES3 EXT)
2092	(82C)	SIGNED	2		ASY RETRY COUNTER (JES3 EXT)
2094	(82E)	BITSTRING	7		RESERVED (JES3 EXT)
LOGON NIB -- USED BY THE LOGON EXIT. SRDLGNIB NIB MODE=RECORD					
2104	(838)	SIGNED	4	SRDLGNIB(0)	ALIGN TO FULLWORD BOUNDARY
2104	(838)	BITSTRING	1		NIB Control Block ID
2105	(839)	BITSTRING	1		NIBFLG0 flags
2106	(83A)	BITSTRING	1		COND FIELD GIVEN/DEFAULT
2107	(83B)	SIGNED	1		LENGTH OF BLOCK
2108	(83C)	SIGNED	4		CID - FILLED IN
2112	(840)	ADDRESS	4		USER FIELD DEFAULTED
2116	(844)	CHARACTER	8		NAME OPERAND DEFAULTED
2124	(84C)	CHARACTER	8		MODE OPERAND SPECIFIED
2132	(854)	BITSTRING	8		DEVICE CHARACTERISTICS AREA
2140	(85C)	ADDRESS	1	(4)	PROCESS OPTIONS DEFAULTED.
2144	(860)	ADDRESS	1		NIBLIST STATUS, SDT MACRO STATUS
2145	(861)	BITSTRING	1		RESERVED FOR VTAM
2146	(862)	ADDRESS	2		LIMIT FIELD DEFAULTED
2148	(864)	ADDRESS	4		EXLST FIELD DEFAULTED
2152	(868)	BITSTRING	8		LOGMODE
2160	(870)	ADDRESS	4		BNDAREA DEFAULT
2164	(874)	ADDRESS	4		
RECEIVE ANY RPL -- USED FOR ALL RECEIVE OPTCD=ANY REQUESTS SRDRVRPL RPL AM=VTAM,ACB=SRDACB					
2168	(878)	SIGNED	4	SRDRVRPL(0)	
2168	(878)	ADDRESS	1		RPL IDENTIFICATION
2169	(879)	ADDRESS	1		RPL SUBTYPE X04SVHS
2170	(87A)	ADDRESS	1		RPL REQUEST TYPE
2171	(87B)	ADDRESS	1		RPL LENGTH X03004
2172	(87C)	ADDRESS	4		. POINTER TO PLACEHOLDER
2176	(880)	ADDRESS	4		. ECB
2180	(884)	BITSTRING	1		. STATUS BYTE
2181	(885)	BITSTRING	3		FEEDBACK CODES
2184	(888)	BITSTRING	1		THIRD REQUEST HEADER BYTE X04SVHS
2185	(889)	BITSTRING	1		SEND/RECEIVE TYPE X04SVHS
2186	(88A)	BITSTRING	1		REQUEST UNIT CHAIN POSITION
2187	(88B)	BITSTRING	1		VTAM FLAGS X3004BH

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2188	(88C)	BITSTRING	1		POST/RESPOND FLAGS X04SVHS
2189	(88D)	BITSTRING	1		DATA CONTROL X04SVHS
2190	(88E)	BITSTRING	1		DATA CONTROL X04SVHS
2191	(88F)	BITSTRING	1		SESSION CONTROL X04SVHS
2192	(890)	ADDRESS	4		
2196	(894)	ADDRESS	3		. USER RH
2199	(897)	ADDRESS	1		SONCODE NOT SPECIFIED
2200	(898)	ADDRESS	4		. POINTER TO RECORD AREA
2204	(89C)	ADDRESS	4		. POINTER TO ARGUMENT
2208	(8A0)	BITSTRING	1		. OPTCD BYTE 1
2209	(8A1)	BITSTRING	1		
2210	(8A2)	ADDRESS	1		. OPTCD BYTE 3 X04SVHS
2211	(8A3)	ADDRESS	1		. OPTCD BYTE 4 X04SVHS
2212	(8A4)	ADDRESS	4		. POINTER TO NEXT RPL
2216	(8A8)	ADDRESS	4		. RESERVED FOR LOGICAL REC LEN
2220	(8AC)	ADDRESS	4		. RESERVED FOR BUFFER LENGTH OPTCD BYTES 5-8 X03004
2224	(8B0)	BITSTRING	1		
2225	(8B1)	BITSTRING	1		
2226	(8B2)	BITSTRING	1		
2227	(8B3)	BITSTRING	1		
2228	(8B4)	ADDRESS	2		STSN OUTBOUND SEQ NO X3004BH
2230	(8B6)	ADDRESS	2		STSN INBOUND SEQ NO X3004BH
2232	(8B8)	BITSTRING	1		STSN OUTBOUND ACTION CODES
2233	(8B9)	BITSTRING	1		STSN INBOUND ACTION CODES
2234	(8BA)	ADDRESS	2		SEQUENCE NUMBER X3004BH
2236	(8BC)	BITSTRING	1		
2237	(8BD)	ADDRESS	1		ACTIVE INDICATOR
2238	(8BE)	ADDRESS	2		. MAXIMUM ERROR MSG LENGTH
2240	(8C0)	ADDRESS	4		. RESERVED FOR MESSAGE AREA PTR
2244	(8C4)	ADDRESS	4		. ADDITIONAL DATA AREA PTR X03004
2248	(8C8)	ADDRESS	4		. ADDITIONAL AREA LENGTH X03004
2252	(8CC)	ADDRESS	4		. ADDITIONAL RECORD LENGTH X03004
2256	(8D0)	BITSTRING	4		FEEDBACK AREA X03004
2260	(8D4)	BITSTRING	4		USER FIELD X03004
2264	(8D8)	BITSTRING	1		
2265	(8D9)	BITSTRING	1		
2266	(8DA)	BITSTRING	1		
2267	(8DB)	BITSTRING	1		
2268	(8DC)	BITSTRING	1		SYSTEM SENSE OUTPUT X04SVHS DATA X03004JS
2269	(8DD)	ADDRESS	1		SYSTEM SENSE MODIFIER OUTPUT X03004JS
2270	(8DE)	ADDRESS	2		USER SENSE OUTPUT X3004BH
2272	(8E0)	ADDRESS	4		SAVE AREA OF FAST PATH
2276	(8E4)	ADDRESS	4		SIGNAL DATA FIELD
2280	(8E8)	ADDRESS	4		LUCB ADDRESS (JES3 EXT)

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2284	(8EC)	SIGNED	2		ASY RETRY COUNTER (JES3 EXT)
2286	(8EE)	BITSTRING	7		RESERVED (JES3 EXT)
DEFAULT RPL -- USED TO INITIALIZE RPLS. NEVER ALTERED SRDDFRPL RPL AM=VTAM,ACB=SRDACB					
2296	(8F8)	SIGNED	4	SRDDFRPL(0)	
2296	(8F8)	ADDRESS	1		RPL IDENTIFICATION
2297	(8F9)	ADDRESS	1		RPL SUBTYPE X04SVHS
2298	(8FA)	ADDRESS	1		RPL REQUEST TYPE
2299	(8FB)	ADDRESS	1		RPL LENGTH X03004
2300	(8FC)	ADDRESS	4		. POINTER TO PLACEHOLDER
2304	(900)	ADDRESS	4		. ECB
2308	(904)	BITSTRING	1		. STATUS BYTE
2309	(905)	BITSTRING	3		FEEDBACK CODES
2312	(908)	BITSTRING	1		THIRD REQUEST HEADER BYTE X04SVHS
2313	(909)	BITSTRING	1		SEND/RECEIVE TYPE X04SVHS
2314	(90A)	BITSTRING	1		REQUEST UNIT CHAIN POSITION
2315	(90B)	BITSTRING	1		VTAM FLAGS X3004BH
2316	(90C)	BITSTRING	1		POST/RESPOND FLAGS X04SVHS
2317	(90D)	BITSTRING	1		DATA CONTROL X04SVHS
2318	(90E)	BITSTRING	1		DATA CONTROL X04SVHS
2319	(90F)	BITSTRING	1		SESSION CONTROL X04SVHS
2320	(910)	ADDRESS	4		
2324	(914)	ADDRESS	3		. USER RH
2327	(917)	ADDRESS	1		SONCODE NOT SPECIFIED
2328	(918)	ADDRESS	4		. POINTER TO RECORD AREA
2332	(91C)	ADDRESS	4		. POINTER TO ARGUMENT
2336	(920)	BITSTRING	1		. OPTCD BYTE 1
2337	(921)	BITSTRING	1		
2338	(922)	ADDRESS	1		. OPTCD BYTE 3 X04SVHS
2339	(923)	ADDRESS	1		. OPTCD BYTE 4 X04SVHS
2340	(924)	ADDRESS	4		. POINTER TO NEXT RPL
2344	(928)	ADDRESS	4		. RESERVED FOR LOGICAL REC LEN
2348	(92C)	ADDRESS	4		. RESERVED FOR BUFFER LENGTH OPTCD BYTES 5-8 X03004
2352	(930)	BITSTRING	1		
2353	(931)	BITSTRING	1		
2354	(932)	BITSTRING	1		
2355	(933)	BITSTRING	1		
2356	(934)	ADDRESS	2		STSN OUTBOUND SEQ NO X3004BH
2358	(936)	ADDRESS	2		STSN INBOUND SEQ NO X3004BH
2360	(938)	BITSTRING	1		STSN OUTBOUND ACTION CODES
2361	(939)	BITSTRING	1		STSN INBOUND ACTION CODES
2362	(93A)	ADDRESS	2		SEQUENCE NUMBER X3004BH
2364	(93C)	BITSTRING	1		
2365	(93D)	ADDRESS	1		ACTIVE INDICATOR

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2366	(93E)	ADDRESS	2		. MAXIMUM ERROR MSG LENGTH
2368	(940)	ADDRESS	4		. RESERVED FOR MESSAGE AREA PTR
2372	(944)	ADDRESS	4		. ADDITIONAL DATA AREA PTR X03004
2376	(948)	ADDRESS	4		. ADDITIONAL AREA LENGTH X03004
2380	(94C)	ADDRESS	4		. ADDITIONAL RECORD LENGTH X03004
2384	(950)	BITSTRING	4		FEEDBACK AREA X03004
2388	(954)	BITSTRING	4		USER FIELD X03004
2392	(958)	BITSTRING	1		
2393	(959)	BITSTRING	1		
2394	(95A)	BITSTRING	1		
2395	(95B)	BITSTRING	1		
2396	(95C)	BITSTRING	1		SYSTEM SENSE OUTPUT X04SVHS DATA X03004JS
2397	(95D)	ADDRESS	1		SYSTEM SENSE MODIFIER OUTPUT X03004JS
2398	(95E)	ADDRESS	2		USER SENSE OUTPUT X3004BH
2400	(960)	ADDRESS	4		SAVE AREA OF FAST PATH
2404	(964)	ADDRESS	4		SIGNAL DATA FIELD
2404	(964)	X'70'	0	SRDCLRLN	"*-SRDDFRPL" LENGTH USED IN CLEARING RPL
2408	(968)	ADDRESS	4		LUCB ADDRESS (JES3 EXT)
2412	(96C)	SIGNED	2		ASY RETRY COUNTER (JES3 EXT)
2414	(96E)	BITSTRING	7		RESERVED (JES3 EXT)
2414	(96E)	X'7D'	0	SRDRPLLN	"*-SRDDFRPL" LENGTH OF RPL
DEFAULT NIB -- USED TO INITIALIZE NIBS. NEVER ALTERED SRDDFNIB NIB MODE=RECORD					
2424	(978)	SIGNED	4	SRDDFNIB(0)	ALIGN TO FULLWORD BOUNDARY
2424	(978)	BITSTRING	1		NIB Control Block ID
2425	(979)	BITSTRING	1		NIBFLG0 flags
2426	(97A)	BITSTRING	1		COND FIELD GIVEN/DEFAULT
2427	(97B)	SIGNED	1		LENGTH OF BLOCK
2428	(97C)	SIGNED	4		CID - FILLED IN
2432	(980)	ADDRESS	4		USER FIELD DEFAULTED
2436	(984)	CHARACTER	8		NAME OPERAND DEFAULTED
2444	(98C)	CHARACTER	8		MODE OPERAND SPECIFIED
2452	(994)	BITSTRING	8		DEVICE CHARACTERISTICS AREA
2460	(99C)	ADDRESS	1	(4)	PROCESS OPTIONS DEFAULTED.
2464	(9A0)	ADDRESS	1		NIBLIST STATUS, SDT MACRO STATUS
2465	(9A1)	BITSTRING	1		RESERVED FOR VTAM
2466	(9A2)	ADDRESS	2		LIMIT FIELD DEFAULTED
2468	(9A4)	ADDRESS	4		EXLST FIELD DEFAULTED
2472	(9A8)	BITSTRING	8		LOGMODE
2480	(9B0)	ADDRESS	4		BNDAREA DEFAULT
2484	(9B4)	ADDRESS	4		
2484	(9B4)	X'40'	0	SRDNIBLN	"*-SRDDFNIB" NIB LENGTH

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
EXLST MACRO - SRDEXLST EXLST AM=VTAM,DFASY=0,RESP=0,TPEND=0,LOGON=0, LOSTERM=0					
2488	(9B8)	SIGNED	4	SRDEXLST(0)	
2488	(9B8)	BITSTRING	1		EXLIST IDENTIFICATION
2489	(9B9)	ADDRESS	1		EXLST SUBTYPE X04SVHS
2490	(9BA)	SIGNED	2		EXLST LIST LENGTH
2492	(9BC)	BITSTRING	1		EXLST FLAGS
2493	(9BD)	ADDRESS	1		EODAD ENTRY NOT PRESENT
2494	(9BE)	ADDRESS	4		ZERO EODAD ENTRY POINTER
2498	(9C2)	ADDRESS	1		SYNAD ENTRY NOT PRESENT
2499	(9C3)	ADDRESS	4		ZERO SYNAD ENTRY POINTER
2503	(9C7)	ADDRESS	1		LERAD ENTRY NOT PRESENT
2504	(9C8)	ADDRESS	4		ZERO LERAD ENTRY POINTER
2508	(9CC)	ADDRESS	1		SCIP ENTRY NOT PRESENT X3004BH
2509	(9CD)	ADDRESS	4		ZERO SCIP ENTRY POINTER X3004BH
2513	(9D1)	ADDRESS	1		LOGON ENTRY DESCRIPTION X03004
2514	(9D2)	ADDRESS	4		POINTER TO LOGON EXIT X03004
2518	(9D6)	ADDRESS	1		DFASY ENTRY DESCRIPTION X3004BH
2519	(9D7)	ADDRESS	4		POINTER TO DFASY EXIT X3004BH
2523	(9DB)	ADDRESS	1		RESP ENTRY DESCRIPTION X3004BH
2524	(9DC)	ADDRESS	4		POINTER TO RESP EXIT X3004BH
2528	(9E0)	ADDRESS	1		LOSTERM ENTRY DESCRIPTIONX03004
2529	(9E1)	ADDRESS	4		POINTER TO LOSTERM EXIT X03004
2533	(9E5)	ADDRESS	1		RELREQ ENTRY NOT PRESENT X03004
2534	(9E6)	ADDRESS	4		ZERO RELREQ ENTRY POINTERX03004
2538	(9EA)	ADDRESS	1		RESERVED
2539	(9EB)	ADDRESS	4		RESERVED
2543	(9EF)	ADDRESS	1		ATTN ENTRY NOT PRESENT X03004
2544	(9F0)	ADDRESS	4		ZERO ATTN ENTRY POINTER X03004
2548	(9F4)	ADDRESS	1		TPEND ENTRY DESCRIPTION X03004
2549	(9F5)	ADDRESS	4		POINTER TO TPEND EXIT X03004
STANDARD SMF RECORDS - USED FOR SMF RECORDING IFASMFR 47					
2556	(9FC)	SIGNED	4	SRDSMF47(0)	

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description

```
    START OF SPECIFICATIONS
    MACRO-NAME = IFASMFR
    PROPRIETARY STATEMENT =
    LICENSED MATERIALS - PROPERTY OF IBM
    5650-ZOS COPYRIGHT IBM CORP. 1977, 2019
    STATUS= HBB77C0
    EXTERNAL CLASSIFICATION: PI
    END OF EXTERNAL CLASSIFICATION:
            THIS MACRO MAPS RECORDS IN THE RANGE 00-06. IT
            ACTS AS A ROUTER TO OTHER MACROS TO PROCESS OTHER
            RECORDS AS FOLLOWS:
                MACRO RECORDS
               IFASMFR1 07-19
               IFASMFR2 20-27
               IFASMFR3 28-36
               IFASMFR4 37-46
               IFASMFR5 47-54
               IFASMFR6 55-69
               IFASMFR9 80-84
               IFASMFRA 85-103
               IFASMFRB 104-113
               IFASMFRC 114-123
               IFASMFRD 124-127
   01 METHOD OF ACCESS
     PL/S - USER DEFINES MACRO VARIABLE IFARXX WHERE XX=RECORD NUM
            DECLARE SMFXXPTR PTR(31) OR RESPECIFY FOR BASE
            INCLUDE MACRO FROM LIBRARY
             EXAMPLE %IFAR08 = 'YES', NOTE. THE COMMA REP-
                     DCL SMF08PTR PTR(31), RESENTS A SEMI-COLON
                     %INCLUDE SYSLIB(IFASMFR), BUT ISN'T TO AVIOD
                                                A DIAGNOSTIC.
   01 NOTES: none
    END OF SPECIFICATIONS
  THIS IS AN SMF MACRO WHICH CONTROLS THE BUILDING OF SMF RECORDS. THE
  REQUIRED FORMAT IS
        IFASMFR &RECTYPE
  NOTE: VALUES FOR &RECTYPE MUST BE ENCLOSED IN PARENS(UNLESS ONLY 1)
       START OF SPECIFICATIONS
01 MACRO-NAME = IFASMFR5
    COPYRIGHT =
    5650-ZOS COPYRIGHT IBM CORP., 1979, 2019
    LICENSED MATERIALS - PROPERTY OF IBM
    STATUS = HBB77C0
    EXTERNAL CLASSIFICATION: PI
    END OF EXTERNAL CLASSIFICATION:
    IFASMFR5 maps SMF records in the range 47-54.
        %GOTO IFASMFR5B;
       END OF SPECIFICATIONS
        %GOTO IFAL47;
   START OF SPECIFICATIONS
01 DESCRIPTIVE NAME: JES SMF subsystem event start
02 ACRONYM: IAZSMF47
01 MACRO NAME: IAZSMF47
01 DSECT NAME: N/A
01 LABEL PREFIX: SMF47
```

```
01 COMPONENT ID: JES Common (SC141)
01 EXTERNAL CLASSIFICATION: PI
01 END OF EXTERNAL CLASSIFICATION:
   END OF SPECIFICATIONS
SWITCH TO DETERMINE WHETHER TO GENERATE EQUATES FOR WRITING REC
 SUBSYSTEM EVENT START RECORD TYPE 47
```

2556	(9FC)	SIGNED	4	(0)	ALIGN TO FULL WORD BOUNDRY
2556	(9FC)	X'9FC'	0	SMFRCD47	"*" START OF RECORD
2556	(9FC)	X'9FC'	0	SMF47PTR	"*" HEADER SEGMENT
2556	(9FC)	BITSTRING	2	SMF47LEN	RECORD LENGTH
2558	(9FE)	BITSTRING	2	SMF47SEG	SEGMENT DESCRIPTOR
2560	(A00)	BITSTRING	1	SMF47FLG	HEADER FLAG BYTE
2561	(A01)	BITSTRING	1	SMF47RTY	RECORD TYPE 47
2561	(A01)	X'2F'	0	SMFJ47	"47" START SUBSYSTEM EVENT ID
2562	(A02)	BITSTRING	4	SMF47TME	TOD FROM TIME MACRO BINARY
2566	(A06)		4	SMF47DTE	DATE FROM TIME MACRO
2570	(A0A)	CHARACTER	4	SMF47SID	SYSTEM IDENTIFICATION

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
SUBSYSTEM IDENTIFICATION SECTION					
2574	(A0E)	BITSTRING	2	SMF47SBS	SUBSYSTEM IDENTIFIER
		.... ..1.		SMF47HSP	"X'0002'" JES2 ID
		.... .1.1		SMF47ASP	"X'0005'" JES3 ID X'0006' SS06
2576	(A10)	BITSTRING	2	SMF47RSV	RESV
2578	(A12)	BITSTRING	2	SMF47LRR	LGTH OF REMAINDER OF RECORD (NOT INCLUDING THIS FIELD)
2578	(A12)	X'A14'	0	SMF47SBG	"*" SUBSYSTEM SECTION BEGINNING
JES2 AND JES3 SECTION					
2580	(A14)	BITSTRING	2	SMF47EVT	EVENT STARTING
2580	(A14)	X'1'	0	SMF47SON	"1" TERMINAL SIGNED ON
2580	(A14)	X'2'	0	SMF47STL	"2" LINE STARTED
2580	(A14)	X'4'	0	SMF47LON	"4" TERMINAL LOGGED ON
BEGINNING OF GENERAL SECTION					
2582	(A16)	BITSTRING	1	SMF47GN(0)	Beginning of general section
2582	(A16)	BITSTRING	2	SMF47LN1	LGTH OF THIS SECTION(INCLUDING SELF-26)
2584	(A18)	CHARACTER	8	SMF47RMT	REMOTE NAME
2592	(A20)	CHARACTER	8	SMF47LIN	LINE NAME
2600	(A28)	CHARACTER	8	SMF47PSW	PASSWORD
BEGINNING OF SIGNON MESSAGE SECTION THIS SECTION EXISTS ONLY FOR SIGNON EVENT STARTS					
2608	(A30)	BITSTRING	1	SMF47A(0)	Message section for signon
2608	(A30)	BITSTRING	2	SMF47LN2	LGTH OF THIS SECTION(INCLUDING SELF-38)
2610	(A32)	CHARACTER	36	SMF47MSG	MESSAGE FOR SIGNON, COLUMNS 35-70 OF SIGNON CARD.
2646	(A56)	CHARACTER	8	SMF47RVJ	RESERVED FOR JES3
2654	(A5E)	CHARACTER	4	SMF47RVU	RESERVED FOR USER
2658	(A62)	BITSTRING	1	SMF47END(0)	END OF JES3 RECORD
2658	(A62)	BITSTRING	0	SMF47SIZ(0)	SIZE OF JES3 47 RECORD
SS06 SECTION					
2580	(A14)	BITSTRING	1	SMF47PCO(0)	Beginning of SS06 section
2580	(A14)	BITSTRING	1	SMF47LCF	LOGON CONDITION FLAG
2580	(A14)	X'80'	0	SMF47UNL	"128" USER NOT LOGGED OFF
2580	(A14)	X'20'	0	SMF47CWK	"32" CONTINUE WORKSPACE EXISTED AT LOGON
2580	(A14)	X'4'	0	SMF47SPA	"4" SERVICE PROGRAM ACCOUNT RECORD
2580	(A14)	X'1'	0	SMF47ULK	"1" USER LOCKED
2581	(A15)	BITSTRING	3	SMF47UID	USER ID
2584	(A18)	BITSTRING	1	SMF47LTC	LIBRARY TYPE CODE
2585	(A19)	BITSTRING	3	SMF47PLI	PROJECT LIB ID
2588	(A1C)	CHARACTER	6	SMF47JID	JOB ENTRY ID CODE

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2594	(A22)	BITSTRING	1	SMF47LAA	LANGUAGE ATTRIBUTE ASSIGNED
2595	(A23)	BITSTRING	1	SMF47PCI	PRIVILEGED CLASS INDICATORS
2596	(A24)	BITSTRING	4	SMF47DSL	DASD SPACE IN LIBRARY (1K UNITS)
2600	(A28)	BITSTRING	4	SMF47DPL	DASD SPACE PROJECT/PUBLIC LIBRARIES(1K UNITS)

```
 STANDARD SMF RECORDS - USED FOR SMF RECORDING
        IFASMFR 48
```

2660	(A64)	SIGNED	4	SRDSMF48(0)	

```
    START OF SPECIFICATIONS
    MACRO-NAME = IFASMFR
    PROPRIETARY STATEMENT =
    LICENSED MATERIALS - PROPERTY OF IBM
    5650-ZOS COPYRIGHT IBM CORP. 1977, 2019
    STATUS= HBB77C0
    EXTERNAL CLASSIFICATION: PI
    END OF EXTERNAL CLASSIFICATION:
            THIS MACRO MAPS RECORDS IN THE RANGE 00-06. IT
            ACTS AS A ROUTER TO OTHER MACROS TO PROCESS OTHER
            RECORDS AS FOLLOWS:
                MACRO RECORDS
               IFASMFR1 07-19
               IFASMFR2 20-27
               IFASMFR3 28-36
               IFASMFR4 37-46
               IFASMFR5 47-54
               IFASMFR6 55-69
               IFASMFR9 80-84
               IFASMFRA 85-103
               IFASMFRB 104-113
               IFASMFRC 114-123
               IFASMFRD 124-127
   01 METHOD OF ACCESS
     PL/S - USER DEFINES MACRO VARIABLE IFARXX WHERE XX=RECORD NUM
            DECLARE SMFXXPTR PTR(31) OR RESPECIFY FOR BASE
            INCLUDE MACRO FROM LIBRARY
             EXAMPLE %IFAR08 = 'YES', NOTE. THE COMMA REP-
                     DCL SMF08PTR PTR(31), RESENTS A SEMI-COLON
                     %INCLUDE SYSLIB(IFASMFR), BUT ISN'T TO AVIOD
                                                A DIAGNOSTIC.
   01 NOTES: none
    END OF SPECIFICATIONS
  THIS IS AN SMF MACRO WHICH CONTROLS THE BUILDING OF SMF RECORDS. THE
  REQUIRED FORMAT IS
        IFASMFR &RECTYPE
  NOTE: VALUES FOR &RECTYPE MUST BE ENCLOSED IN PARENS(UNLESS ONLY 1)
       START OF SPECIFICATIONS
01 MACRO-NAME = IFASMFR5
    COPYRIGHT =
    5650-ZOS COPYRIGHT IBM CORP., 1979, 2019
    LICENSED MATERIALS - PROPERTY OF IBM
    STATUS = HBB77C0
    EXTERNAL CLASSIFICATION: PI
    END OF EXTERNAL CLASSIFICATION:
    IFASMFR5 maps SMF records in the range 47-54.
        %GOTO IFASMFR5B;
       END OF SPECIFICATIONS
        %GOTO IFAL47;
   START OF SPECIFICATIONS
01 DESCRIPTIVE NAME: JES SMF subsystem event stop record
02 ACRONYM: IAZSMF48
01 MACRO NAME: IAZSMF48
01 DSECT NAME: N/A
```

```
01 LABEL PREFIX: SMF48
01 COMPONENT ID: JES Common (SC141)
01 EXTERNAL CLASSIFICATION: PI
01 END OF EXTERNAL CLASSIFICATION:
   END OF SPECIFICATIONS
SWITCH TO DETERMINE WHETHER TO GENERATE EQUATES FOR WRITING REC
 SUBSYSTEM EVENT STOP RECORD TYPE 48
```

2660	(A64)	SIGNED	4	(0)	ALIGN TO FULL WORD BOUNDRY
2660	(A64)	X'A64'	0	SMFRCD48	"*" START OF RECORD
2660	(A64)	X'A64'	0	SMF48PTR	"*" HEADER SEGMENT

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2660	(A64)	BITSTRING	2	SMF48LEN	RECORD LENGTH
2662	(A66)	BITSTRING	2	SMF48SEG	SEGMENT DESCRIPTOR
2664	(A68)	BITSTRING	1	SMF48FLG	HEADER FLAG BYTE
2665	(A69)	BITSTRING	1	SMF48RTY	RECORD TYPE 48
2665	(A69)	X'30'	0	SMFJ48	"48" STOP SUBSYSTEM EVENT ID
2666	(A6A)	BITSTRING	4	SMF48TME	TOD FROM TIME MACRO BINARY
2670	(A6E)		4	SMF48DTE	DATE FROM TIME MACRO
2674	(A72)	CHARACTER	4	SMF48SID	SYSTEM IDENTIFICATION
SUBSYSTEM IDENTIFICATION SECTION					
2678	(A76)	BITSTRING	2	SMF48SBS	SUBSYSTEN IDENTIFIER
		.... ..1.		SMF48HSP	"X'0002'" JES2 ID
		.... .1.1		SMF48ASP	"X'0005'" JES3 ID X'0006' SS06
2680	(A78)	BITSTRING	2	SMF48RSV	RESV
2682	(A7A)	BITSTRING	2	SMF48LRR	LGTH OF REMAINDER OF RECORD (NOT INCLUDING THIS FIELD)
2682	(A7A)	X'A7C'	0	SMF48SBP	"*" SUBSYSTEM SECTION BEGINNING
JES2 AND JES3 COMMON SECTION					
2684	(A7C)	BITSTRING	2	SMF48EVT	TYPE OF EVENT STOPPED
2684	(A7C)	X'1'	0	SMF48SOF	"1" LINE HAS SIGNED OFF
2684	(A7C)	X'2'	0	SMF48CAN	"2" LINE CANCELLED BY OPERATOR
2684	(A7C)	X'4'	0	SMF48LOF	"4" TERMINAL LOGGED OFF
2686	(A7E)	BITSTRING	2	SMF48RV1	RESV
2688	(A80)	CHARACTER	8	SMF48RMT	REMOTE NAME
2696	(A88)	CHARACTER	8	SMF48LIN	LINE NAME
2704	(A90)	CHARACTER	8	SMF48PSW	PASSWORD
2704	(A90)	X'A98'	0	SMF48SBG	"*" JES2 AND JES3 UNCOMMON SECTIONS
JES2 SECTION					
2712	(A98)	BITSTRING	4	SMF48IO	# EXCPS(NOT INCLUDING LINE REPEATS)
2716	(A9C)	BITSTRING	4	SMF48NAK	# NAKS TO WRITE TEXT-NEG ACKNOWLEDGEMTS
2720	(AA0)	BITSTRING	4	SMF48DCK	# DATA CHECKS TO READ TEXT
2724	(AA4)	BITSTRING	4	SMF48OUT	# TIME OUTS TO READ TEXT
2728	(AA8)	BITSTRING	4	SMF48ERR	SUM OF ALL OTHER LINE ERRORS
2732	(AAC)	CHARACTER	3	SMF48LAA	LINE ADAPTER ADDRESS FROM UCB
2735	(AAF)	CHARACTER	4	SMF48LA4	4-Digit Line Adapter Address
2735	(AAF)	X'1B'	0	SMF48B2L	"*-SMF48SBG" JES2 section length
JES3 SECTION					
2712	(A98)	BITSTRING	28	SMF48XCP	EXCP COUNTS AND ERROR STATISTICS
2712	(A98)	X'1C'	0	SMF48BXL	"*-SMF48SBG" EXCP section length
2712	(A98)	BITSTRING	4	SMF48TRN	NUMBER OF TRANSMISSIONS
2716	(A9C)	BITSTRING	4	SMF48ERS	NUMBER OF LINE ERRORS
2720	(AA0)	BITSTRING	2	SMF48TOT	NUMBER OF TIME-OUTS

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2722	(AA2)	BITSTRING	2	SMF48NKS	NUMBER OF NAK RESPONSES TO WRITE
2724	(AA4)	BITSTRING	1	SMF48S0	NUMBER OF COMMAND REJECTS
2725	(AA5)	BITSTRING	1	SMF48S1	NUMBER OF INTERVENTIONS REQUIRED
2726	(AA6)	BITSTRING	1	SMF48S2	NUMBER OF BUS-OUT CHECKS
2727	(AA7)	BITSTRING	1	SMF48S3	NUMBER OF EQUIPMENT CHECKS
2728	(AA8)	BITSTRING	1	SMF48S4	NUMBER OF DATA CHECKS
2729	(AA9)	BITSTRING	1	SMF48S5	NUMBER OF DATA OVERRUNS
2730	(AAA)	BITSTRING	1	SMF48S6	NUMBER OF LOST DATAS
2731	(AAB)	BITSTRING	9	SMF48USR	RESERVED FOR USER
2740	(AB4)	CHARACTER	3	SMF48ADP	LINE ADAPTER ADDRESS
2743	(AB7)	CHARACTER	4	SMF48AD4	4-Digit Line Adapter Address
2747	(ABB)	CHARACTER	4	SMF48RVJ	Reserved for JES3
2751	(ABF)	CHARACTER	4	SMF48RVU	RESERVED FOR USER
2755	(AC3)	BITSTRING	1	SMF48END(0)	END OF JES3 RECORD
2755	(AC3)	X'2B'	0	SMF48B3L	"*-SMF48SBG" JES3 section length
2755	(AC3)	BITSTRING	0	SMF48SIZ(0)	SIZE OF JES3 48 RECORD
SS06 SECTION					
2684	(A7C)	BITSTRING	1	SMF48FLS	LOGOFF FLAGS
2684	(A7C)	X'80'	0	SMF48RPI	"128" RECORD FOR PREVIOUS INCOMPLETE SESSION
2684	(A7C)	X'40'	0	SMF48CNI	"64" CANCEL ISSUED
2684	(A7C)	X'20'	0	SMF48CWK	"32" CONTINUE WORKSPACE SAVED
2684	(A7C)	X'10'	0	SMF48CPG	"16" CONTINUE PURGED
2684	(A7C)	X'8'	0	SMF48HSI	"8" HALT OR STOP ISSUED
2684	(A7C)	X'4'	0	SMF48SPA	"4" SERVICE PROGRAM ACCOUNT RECORD
2684	(A7C)	X'1'	0	SMF48ULK	"1" USER LOCKED
2685	(A7D)	BITSTRING	3	SMF48UID	USER ID
2688	(A80)	BITSTRING	4	SMF48CPU	CPU TIME
2692	(A84)	BITSTRING	4	SMF48CNT	CONNECT TIME (SECONDS FOR THIS TERMINAL SESSION
2696	(A88)	BITSTRING	4	SMF48CTH	CONNECT TIME (SECONDS) FOR THIS TERMINAL SESSION FOR ATTACHED HARDCOPY DEVICE
2700	(A8C)	BITSTRING	4	SMF48VIR	VIRTUAL STORAGE USED (THOUSANDS OF BYTE-SECONDS) DURING TERMINAL SESSION
2704	(A90)	BITSTRING	4	SMF48DIO	DASD I/O COUNT FOR THIS TERMINAL SESSION
2708	(A94)	BITSTRING	4	SMF48TIO	TELEPROCESSING I/O COUNTS DURING TERMINAL SESSION
2712	(A98)	BITSTRING	4	SMF48DSL	DASD SPACE IN THIS LIBRARY (IN 1K UNITS)
2716	(A9C)	BITSTRING	4	SMF48DSP	DASD SPACE IN PROJECT/PUB LIBRARIES (1K UNITS)
2720	(AA0)	BITSTRING	4	SMF48CPD	CPU TIME TO DATE (HUNDREDTHS OF SECONDS
2724	(AA4)	BITSTRING	4	SMF48CTD	CONNECT TIME TO DATE (SECS)
2728	(AA8)	BITSTRING	4	SMF48CDH	CONNECT TIME FOR HARDCOPY DEVICE TO DATE (SECONDS)

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2732	(AAC)	BITSTRING	4	SMF48VSD	VIRT STORAGE USED TO DATE (THOUSANDS OF BYTE-SECONDS)
2736	(AB0)	BITSTRING	4	SMF48DID	DASD I/O COUNTS TO DATE
2740	(AB4)	BITSTRING	4	SMF48TID	TP I/O COUNTS TO DATE

```
 STANDARD SMF RECORDS - USED FOR SMF RECORDING
        IFASMFR 49
```

2756	(AC4)	SIGNED	4	SRDSMF49(0)	

```
   START OF SPECIFICATIONS
   MACRO-NAME = IFASMFR
   PROPRIETARY STATEMENT =
   LICENSED MATERIALS - PROPERTY OF IBM
   5650-ZOS COPYRIGHT IBM CORP. 1977, 2019
   STATUS= HBB77C0
   EXTERNAL CLASSIFICATION: PI
   END OF EXTERNAL CLASSIFICATION:
           THIS MACRO MAPS RECORDS IN THE RANGE 00-06. IT
           ACTS AS A ROUTER TO OTHER MACROS TO PROCESS OTHER
           RECORDS AS FOLLOWS:
               MACRO RECORDS
              IFASMFR1 07-19
              IFASMFR2 20-27
              IFASMFR3 28-36
              IFASMFR4 37-46
              IFASMFR5 47-54
              IFASMFR6 55-69
              IFASMFR9 80-84
              IFASMFRA 85-103
              IFASMFRB 104-113
              IFASMFRC 114-123
              IFASMFRD 124-127
  01 METHOD OF ACCESS
    PL/S - USER DEFINES MACRO VARIABLE IFARXX WHERE XX=RECORD NUM
           DECLARE SMFXXPTR PTR(31) OR RESPECIFY FOR BASE
           INCLUDE MACRO FROM LIBRARY
            EXAMPLE %IFAR08 = 'YES', NOTE. THE COMMA REP-
                    DCL SMF08PTR PTR(31), RESENTS A SEMI-COLON
                    %INCLUDE SYSLIB(IFASMFR), BUT ISN'T TO AVIOD
                                              A DIAGNOSTIC.
  01 NOTES: none
   END OF SPECIFICATIONS
 THIS IS AN SMF MACRO WHICH CONTROLS THE BUILDING OF SMF RECORDS. THE
 REQUIRED FORMAT IS
       IFASMFR &RECTYPE
 NOTE: VALUES FOR &RECTYPE MUST BE ENCLOSED IN PARENS(UNLESS ONLY 1)
      START OF SPECIFICATIONS
01 MACRO-NAME = IFASMFR5
   COPYRIGHT =
   5650-ZOS COPYRIGHT IBM CORP., 1979, 2019
   LICENSED MATERIALS - PROPERTY OF IBM
   STATUS = HBB77C0
   EXTERNAL CLASSIFICATION: PI
   END OF EXTERNAL CLASSIFICATION:
   IFASMFR5 maps SMF records in the range 47-54.
       %GOTO IFASMFR5B;
      END OF SPECIFICATIONS
       %GOTO IFAL47;
```

```
SWITCH TO DETERMINE WHETHER TO GENERATE EQUATES FOR WRITING REC
 SUBSYSTEM INTEGRITY RECORD TYPE 49
```

2756	(AC4)	SIGNED	4	(0)	ALIGN TO FULL WORD BOUNDRY
2756	(AC4)	X'AC4'	0	SMFRCD49	"*" START OF RECORD
2756	(AC4)	X'AC4'	0	SMF49PTR	"*" HEADER SEGMENT
2756	(AC4)	BITSTRING	2	SMF49LEN	RECORD LENGTH
2758	(AC6)	BITSTRING	2	SMF49SEG	SEGMENT DESCRIPTOR
2760	(AC8)	BITSTRING	1	SMF49FLG	HEADER FLAG BYTE
2761	(AC9)	BITSTRING	1	SMF49RTY	RECORD TYPE 49
2761	(AC9)	X'31'	0	SMFJ49	"49" INTEGRITY EVENT RECORD TYPE
2762	(ACA)	BITSTRING	4	SMF49TME	TOD FROM TIME MACRO BINARY

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2766	(ACE)		4	SMF49DTE	DATE FROM TIME MACRO
2770	(AD2)	CHARACTER	4	SMF49SID	SYSTEM IDENTIFICATION
SUBSYSTEM IDENTIFICATION SECTION					
2774	(AD6)	BITSTRING	2	SMF49SBS	SUBSYSTEM IDENTIFIER
		.... ..1.		SMF49HSP	"X'0002'" JES2
		.... .1.1		SMF49ASP	"X'0005'" JES3 X'0006' SS06
2776	(AD8)	BITSTRING	2	SMF49RSV	RESV
2778	(ADA)	BITSTRING	2	SMF49LRR	LGTH OF REMAINED OF RECORD (NOT INCLUDING THIS FIELD)
2778	(ADA)	X'ADC'	0	SMF49SBG	"*" SUBSYSTEM SECTION BEGINNING
JES2 AND JES3 SECTION					
2780	(ADC)	BITSTRING	2	SMF49EVT(0)	EVENT STARTING
FOLLOWING BIT DEFINITIONS APPLY TO JES2					
2780	(ADC)	BITSTRING	1	SMF49EJ2	First JES2 flag byte
2781	(ADD)	BITSTRING	1	SMF49EJ22	JES2 flag byte
2781	(ADD)	X'1'	0	SMF49SON	"1" SIGNON
2781	(ADD)	X'2'	0	SMF49STL	"2" START LINE
FOLLOWING BIT DEFINITIONS APPLY TO JES3					
2780	(ADC)	BITSTRING	1	SMF49EJ3	First JES2 flag byte
2781	(ADD)	BITSTRING	1	SMF49EJ32	JES2 flag byte
2781	(ADD)	X'1'	0	SMF49NER	"1" TERMINAL NOT DEFINED (BSC)
2781	(ADD)	X'2'	0	SMF49PER	"2" SECURITY FAILURE (BSC)
2781	(ADD)	X'4'	0	SMF49LER	"4" LINE ALREADY SIGNED ON (BSC)
2781	(ADD)	X'8'	0	SMF49TER	"8" TERMINAL ALREADY SIGNED ON (BSC)
2781	(ADD)	X'5'	0	SMF49LIM	"5" SESSION LIMIT EXCEEDED (SNA)
2781	(ADD)	X'6'	0	SMF49DEF	"6" WORK STATION UNDEFINED (SNA)
2781	(ADD)	X'7'	0	SMF49SPW	"7" SECURITY FAILURE (SNA)
2781	(ADD)	X'8'	0	SMF49BND	"8" BIND FAILURE (SNA)
BEGINNING OF GENERAL SECTION					
2782	(ADE)	BITSTRING	1	SMF49GEN(0)	Start of general section
2782	(ADE)	BITSTRING	2	SMF49LN1	LGTH OF THIS SECTION(INCLUDING SELF-26)
2784	(AE0)	CHARACTER	8	SMF49RMT	REMOTE NAME
2792	(AE8)	CHARACTER	8	SMF49LIN	LINE NAME
2800	(AF0)	CHARACTER	8	SMF49PSW	PASSWORD USED(INVALID)
BEGINNING OF SIGNON MESSAGE SECTION THIS SECTION EXISTS ONLY FOR SIGNON EVENT STARTS					
2808	(AF8)	BITSTRING	1	SMF49A(0)	Start of signon message section
2808	(AF8)	BITSTRING	2	SMF49LN2	LGTH OF THIS SECTION(INCLUDING SELF-38)

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2810	(AFA)	CHARACTER	36	SMF49MSG	MESSAGE FOR SIGNON, COLUMNS 35-70 OF SIGNON CARD.
2846	(B1E)	BITSTRING	1	SMF49END(0)	END OF JES3 RECORD
2846	(B1E)	BITSTRING	0	SMF49SIZ(0)	SIZE OF JES3 49 RECORD
SS06 SECTION					
2780	(ADC)	BITSTRING	1	SMF49PCO(0)	Start of SS06 section
2780	(ADC)	BITSTRING	3	SMF49VID	VIOLATOR IDENTIFICATION
2783	(ADF)	BITSTRING	3	SMF49LNA	LIBRARY NUMBER OR ACCESSED LIBRARY
2786	(AE2)	BITSTRING	2	SMF49RV1	RESERVED
2788	(AE4)	CHARACTER	12	SMF49FLN	FILENAME OF FILE ATTEMPTED
2800	(AF0)	BITSTRING	3	SMF49UFO	USERNUMBER OF FILE OWNER
MESSAGES USED BY SNARJP INITIALIZATION. JES3 MESSAGE MACRO USED SINCE SNARJP MESSAGE ROUTINE NOT LOADED.					
2848	(B20)	SIGNED	4	SRDMSG1(0)	
2848	(B20)	ADDRESS	1		
2849	(B21)	CHARACTER	38	SRDMSG1S	
2887	(B47)	CHARACTER	26		
2887	(B47)	X'40'	0	SRDMSG1L	"*-SRDMSG1S"
2916	(B64)	SIGNED	4	SRDMSG2(0)	
2916	(B64)	ADDRESS	1		
2917	(B65)	CHARACTER	38	SRDMSG2S	
2955	(B8B)	CHARACTER	25		
2955	(B8B)	X'3F'	0	SRDMSG2L	"*-SRDMSG2S"
2980	(BA4)	SIGNED	4	SRDMSG3(0)	
2980	(BA4)	ADDRESS	1		
2981	(BA5)	CHARACTER	27	SRDMSG3S	
2981	(BA5)	X'1B'	0	SRDMSG3L	"*-SRDMSG3S"
3008	(BC0)	SIGNED	4	SRDMSG4(0)	
3008	(BC0)	ADDRESS	1		
3009	(BC1)	CHARACTER	47	SRDMSG4S	
3056	(BF0)	CHARACTER	19		
3056	(BF0)	X'42'	0	SRDMSG4L	"*-SRDMSG4S"
3076	(C04)	SIGNED	4	SRDMSG5(0)	
3076	(C04)	ADDRESS	1		
3077	(C05)	CHARACTER	42	SRDMSG5S	
3119	(C2F)	CHARACTER	24		
3143	(C47)	CHARACTER	10	SRDMS5V1	
3154	(C52)	CHARACTER	10	SRDMS5V2	
3165	(C5D)	CHARACTER	10	SRDMS5V3	
3165	(C5D)	X'63'	0	SRDMSG5L	"*-SRDMSG5S"
3176	(C68)	SIGNED	4	SRDMSG7(0)	
3176	(C68)	ADDRESS	1		
3177	(C69)	CHARACTER	42	SRDMSG7S	
3219	(C93)	CHARACTER	16		

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
3235	(CA3)	CHARACTER	2	SRDMS7V1	
3235	(CA3)	X'3D'	0	SRDMSG7L	"*-SRDMSG7S"
3240	(CA8)	SIGNED	4	SRDMSG8(0)	
3240	(CA8)	ADDRESS	1		
3241	(CA9)	CHARACTER	42	SRDMSG8S	
3283	(CD3)	CHARACTER	38		
3283	(CD3)	X'50'	0	SRDMSG8L	"*-SRDMSG8S"
		IAT2843 #			
3324	(CFC)	SIGNED	4	SRDMSG9(0)	#403
3324	(CFC)	ADDRESS	1		#403
3325	(CFD)	CHARACTER	40	SRDMSG9S	#403
3365	(D25)	CHARACTER	17		#403
3365	(D25)	X'39'	0	SRDMSG9E	"*-SRDMSG9S" #403
		MESSAGES USED BY SNRJP DSP, JES3 VTAM IRBS, AND JES3 VTAM SRBS. USE OF THE FOLLOWING MESSAGES REQUIRE THE IATXSNM MACRO. THE FOLLOWING MESSAGE PARM AREAS ARE MAPPED BY THE SRDMPADS DSECT (IATYSRD)			
3382	(D36)	BITSTRING	36	SRDDMPR	NUCTASK DSP MESSAGE PARM AREA
3418	(D5A)	BITSTRING	36	SRDIMPR	IRB MESSAGE PARAM AREA
3454	(D7E)	BITSTRING	36	SRDAMPR	AUXTASK DSP MESSAGE PARM AREA
3490	(DA2)	CHARACTER	250	SRDDBMA	MSG BUILD AREA FOR NUCTASK DSP
3740	(E9C)	SIGNED	4	SRDRSVD(11)	RESERVED FOR DEVELOPMENT
3784	(EC8)	SIGNED	4	SRDMSGA(0)	BEGINNING OF MESSAGE AREA
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
3784	(EC8)	BITSTRING	1	MSG2801	
3785	(EC9)	BITSTRING	1		
3786	(ECA)	ADDRESS	1		
3812	(EE4)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
3813	(EE5)	BITSTRING	1	MSG2805	
3814	(EE6)	BITSTRING	1		
3815	(EE7)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
3848	(F08)	BITSTRING	1		
3849	(F09)	BITSTRING	1		
3850	(F0A)	ADDRESS	1		
3860	(F14)	BITSTRING	1		
		LINES DELETED BY JESTAE/ESTAE OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
3861	(F15)	BITSTRING	1	MSG2806	
3862	(F16)	BITSTRING	1		
3863	(F17)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
3904	(F40)	BITSTRING	8		
3907	(F43)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
3908	(F44)	BITSTRING	1	MSG2807	
3909	(F45)	BITSTRING	1		
3910	(F46)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
3923	(F53)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
3926	(F56)	BITSTRING	1		
3927	(F57)	BITSTRING	1		
3928	(F58)	ADDRESS	1		
3940	(F64)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
3941	(F65)	BITSTRING	1	MSG2808	
3942	(F66)	BITSTRING	1		
3943	(F67)	ADDRESS	1		
3986	(F92)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
3987	(F93)	BITSTRING	1	MSG2809	
3988	(F94)	BITSTRING	1		
3989	(F95)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4015	(FAF)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4018	(FB2)	BITSTRING	1		
4019	(FB3)	BITSTRING	1		
4020	(FB4)	ADDRESS	1		

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4023	(FB7)	BITSTRING	8		
4026	(FBA)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4027	(FBB)	BITSTRING	1	MSG2810	
4028	(FBC)	BITSTRING	1		
4029	(FBD)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4062	(FDE)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4065	(FE1)	BITSTRING	1		
4066	(FE2)	BITSTRING	1		
4067	(FE3)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4071	(FE7)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4074	(FEA)	BITSTRING	1		
4075	(FEB)	BITSTRING	1		
4076	(FEC)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4081	(FF1)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4084	(FF4)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4087	(FF7)	BITSTRING	1		
4088	(FF8)	BITSTRING	1		
4089	(FF9)	ADDRESS	1		
4105	(1009)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4106	(100A)	BITSTRING	1	MSG2812	

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
4107	(100B)	BITSTRING	1		
4108	(100C)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4132	(1024)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4135	(1027)	BITSTRING	1		
4136	(1028)	BITSTRING	1		
4137	(1029)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4161	(1041)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4164	(1044)	BITSTRING	1		
4165	(1045)	BITSTRING	1		
4166	(1046)	ADDRESS	1		
4174	(104E)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4175	(104F)	BITSTRING	1	MSG2813	
4176	(1050)	BITSTRING	1		
4177	(1051)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4205	(106D)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4208	(1070)	BITSTRING	1		
4209	(1071)	BITSTRING	1		
4210	(1072)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4214	(1076)	BITSTRING	8		
4217	(1079)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4218	(107A)	BITSTRING	1	MSG2814	
4219	(107B)	BITSTRING	1		

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
4220	(107C)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4244	(1094)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4247	(1097)	BITSTRING	1		
4248	(1098)	BITSTRING	1		
4249	(1099)	ADDRESS	1		
4282	(10BA)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4283	(10BB)	BITSTRING	1	MSG2815	
4284	(10BC)	BITSTRING	1		
4285	(10BD)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4298	(10CA)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4301	(10CD)	BITSTRING	1		
4302	(10CE)	BITSTRING	1		
4303	(10CF)	ADDRESS	1		
4326	(10E6)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4327	(10E7)	BITSTRING	1	MSG2816	
4328	(10E8)	BITSTRING	1		
4329	(10E9)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4342	(10F6)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4345	(10F9)	BITSTRING	1		
4346	(10FA)	BITSTRING	1		
4347	(10FB)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4356	(1104)	BITSTRING	4		

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
4358	(1106)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4359	(1107)	BITSTRING	1		
4360	(1108)	BITSTRING	1		
4361	(1109)	ADDRESS	1		
4377	(1119)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4378	(111A)	BITSTRING	1	MSG2817	
4379	(111B)	BITSTRING	1		
4380	(111C)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4404	(1134)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4407	(1137)	BITSTRING	1		
4408	(1138)	BITSTRING	1		
4409	(1139)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4436	(1154)	BITSTRING	8		
4439	(1157)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4440	(1158)	BITSTRING	1	MSG2818	
4441	(1159)	BITSTRING	1		
4442	(115A)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4480	(1180)	BITSTRING	1		
4481	(1181)	BITSTRING	1		
4482	(1182)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4503	(1197)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4506	(119A)	BITSTRING	1		

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
4507	(119B)	BITSTRING	1		
4508	(119C)	ADDRESS	1		
4530	(11B2)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4531	(11B3)	BITSTRING	1	MSG2821	
4532	(11B4)	BITSTRING	1		
4533	(11B5)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4569	(11D9)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4572	(11DC)	BITSTRING	1		
4573	(11DD)	BITSTRING	1		
4574	(11DE)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4578	(11E2)	BITSTRING	8		
4581	(11E5)	BITSTRING	1		
		LINES DELETED BY JESTAE/ESTAE OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4582	(11E6)	BITSTRING	1	MSG2831	
4583	(11E7)	BITSTRING	1		
4584	(11E8)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4626	(1212)	BITSTRING	1		
4627	(1213)	BITSTRING	1		
4628	(1214)	ADDRESS	1		
4660	(1234)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4661	(1235)	BITSTRING	1	MSG2832	
4662	(1236)	BITSTRING	1		
4663	(1237)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4697	(1259)	BITSTRING	1		
4698	(125A)	BITSTRING	1		

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
4699	(125B)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4731	(127B)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4734	(127E)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4737	(1281)	BITSTRING	8		
4740	(1284)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4741	(1285)	BITSTRING	1	MSG2833	
4742	(1286)	BITSTRING	1		
4743	(1287)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4776	(12A8)	BITSTRING	1		
4777	(12A9)	BITSTRING	1		
4778	(12AA)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4810	(12CA)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4813	(12CD)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4816	(12D0)	BITSTRING	8		
4819	(12D3)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4820	(12D4)	BITSTRING	1	MSG2834	
4821	(12D5)	BITSTRING	1		
4822	(12D6)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4857	(12F9)	BITSTRING	1		
4858	(12FA)	BITSTRING	1		

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
4859	(12FB)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4882	(1312)	BITSTRING	8		
4885	(1315)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4886	(1316)	BITSTRING	1	MSG2835	
4887	(1317)	BITSTRING	1		
4888	(1318)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4926	(133E)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4929	(1341)	BITSTRING	1		
4930	(1342)	BITSTRING	1		
4931	(1343)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4935	(1347)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4938	(134A)	BITSTRING	1		
4939	(134B)	BITSTRING	1		
4940	(134C)	ADDRESS	1		
4960	(1360)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4961	(1361)	BITSTRING	1	MSG2837	
4962	(1362)	BITSTRING	1		
4963	(1363)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
4997	(1385)	BITSTRING	1		
4998	(1386)	BITSTRING	1		
4999	(1387)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5024	(13A0)	BITSTRING	8		

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
5027	(13A3)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5028	(13A4)	BITSTRING	1	MSG2839	
5029	(13A5)	BITSTRING	1		
5030	(13A6)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5061	(13C5)	BITSTRING	1		
5062	(13C6)	BITSTRING	1		
5063	(13C7)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5090	(13E2)	BITSTRING	1		
5091	(13E3)	BITSTRING	1		
5092	(13E4)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5119	(13FF)	BITSTRING	1		
5120	(1400)	BITSTRING	1		
5121	(1401)	ADDRESS	1		
5129	(1409)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5130	(140A)	BITSTRING	1	MSG2840	
5131	(140B)	BITSTRING	1		
5132	(140C)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5167	(142F)	BITSTRING	1		
5168	(1430)	BITSTRING	1		
5169	(1431)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5195	(144B)	BITSTRING	1		
5196	(144C)	BITSTRING	1		
5197	(144D)	ADDRESS	1		
5209	(1459)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5210	(145A)	BITSTRING	1	MSG2841	

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
5211	(145B)	BITSTRING	1		
5212	(145C)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5245	(147D)	BITSTRING	1		
5246	(147E)	BITSTRING	1		
5247	(147F)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5272	(1498)	BITSTRING	8		
5275	(149B)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5276	(149C)	BITSTRING	1	MSG2842	
5277	(149D)	BITSTRING	1		
5278	(149E)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5312	(14C0)	BITSTRING	1		
5313	(14C1)	BITSTRING	1		
5314	(14C2)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5333	(14D5)	BITSTRING	8		
5336	(14D8)	BITSTRING	1		
		LINES DELETED BY JESTAE/ESTAE OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5337	(14D9)	BITSTRING	1	MSG2836	
5338	(14DA)	BITSTRING	1		
5339	(14DB)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5368	(14F8)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5371	(14FB)	BITSTRING	1		
5372	(14FC)	BITSTRING	1		
5373	(14FD)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
5377	(1501)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5380	(1504)	BITSTRING	1		
5381	(1505)	BITSTRING	1		
5382	(1506)	ADDRESS	1		
5402	(151A)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5403	(151B)	BITSTRING	1	MSG2845	
5404	(151C)	BITSTRING	1		
5405	(151D)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5444	(1544)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5447	(1547)	BITSTRING	1		
5448	(1548)	BITSTRING	1		
5449	(1549)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5452	(154C)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5455	(154F)	BITSTRING	1		
5456	(1550)	BITSTRING	1		
5457	(1551)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5469	(155D)	BITSTRING	8		
5472	(1560)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5473	(1561)	BITSTRING	1	MSG2850	
5474	(1562)	BITSTRING	1		
5475	(1563)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5513	(1589)	BITSTRING	1		

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
5514	(158A)	BITSTRING	1		
5515	(158B)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5521	(1591)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5524	(1594)	BITSTRING	1		
5525	(1595)	BITSTRING	1		
5526	(1596)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5530	(159A)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5533	(159D)	BITSTRING	1		
5534	(159E)	BITSTRING	1		
5535	(159F)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5542	(15A6)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5545	(15A9)	BITSTRING	1		
5546	(15AA)	BITSTRING	1		
5547	(15AB)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5554	(15B2)	BITSTRING	8		
5557	(15B5)	BITSTRING	1		
		THE FOLLOWING MSG IS OLD MSG 2851. NEW VERSION IS NEAR BOTTOM. OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5558	(15B6)	BITSTRING	1	MSGO2851	
5559	(15B7)	BITSTRING	1		
5560	(15B8)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5602	(15E2)	BITSTRING	8		
5605	(15E5)	BITSTRING	1		

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5606	(15E6)	BITSTRING	1	MSG2852	
5607	(15E7)	BITSTRING	1		
5608	(15E8)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5633	(1601)	BITSTRING	1		
5634	(1602)	BITSTRING	1		
5635	(1603)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5644	(160C)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5647	(160F)	BITSTRING	1		
5648	(1610)	BITSTRING	1		
5649	(1611)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5653	(1615)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5656	(1618)	BITSTRING	1		
5657	(1619)	BITSTRING	1		
5658	(161A)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5665	(1621)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5668	(1624)	BITSTRING	1		
5669	(1625)	BITSTRING	1		
5670	(1626)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5677	(162D)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5680	(1630)	BITSTRING	1		

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
5681	(1631)	BITSTRING	1		
5682	(1632)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5694	(163E)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5697	(1641)	BITSTRING	1		
5698	(1642)	BITSTRING	1		
5699	(1643)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5703	(1647)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5706	(164A)	BITSTRING	1		
5707	(164B)	BITSTRING	1		
5708	(164C)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5712	(1650)	BITSTRING	8		
5715	(1653)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5716	(1654)	BITSTRING	1	MSG2853	
5717	(1655)	BITSTRING	1		
5718	(1656)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5753	(1679)	BITSTRING	1		
5754	(167A)	BITSTRING	1		
5755	(167B)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5759	(167F)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5762	(1682)	BITSTRING	1		
5763	(1683)	BITSTRING	1		
5764	(1684)	ADDRESS	1		

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5768	(1688)	BITSTRING	8		
5771	(168B)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5772	(168C)	BITSTRING	1	MSG2854	
5773	(168D)	BITSTRING	1		
5774	(168E)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5816	(16B8)	BITSTRING	1		
5817	(16B9)	BITSTRING	1		
5818	(16BA)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5822	(16BE)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5825	(16C1)	BITSTRING	1		
5826	(16C2)	BITSTRING	1		
5827	(16C3)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5831	(16C7)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5834	(16CA)	BITSTRING	1		
5835	(16CB)	BITSTRING	1		
5836	(16CC)	ADDRESS	1		
5855	(16DF)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5856	(16E0)	BITSTRING	1	MSG2856	
5857	(16E1)	BITSTRING	1		
5858	(16E2)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5877	(16F5)	BITSTRING	1		
5878	(16F6)	BITSTRING	1		

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
5879	(16F7)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5916	(171C)	BITSTRING	1		
5917	(171D)	BITSTRING	1		
5918	(171E)	ADDRESS	1		
5934	(172E)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5935	(172F)	BITSTRING	1	MSG2858	
5936	(1730)	BITSTRING	1		
5937	(1731)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5970	(1752)	BITSTRING	1		
5971	(1753)	BITSTRING	1		
5972	(1754)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5981	(175D)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5984	(1760)	BITSTRING	1		
5985	(1761)	BITSTRING	1		
5986	(1762)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5989	(1765)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
5992	(1768)	BITSTRING	1		
5993	(1769)	BITSTRING	1		
5994	(176A)	ADDRESS	1		
6018	(1782)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6019	(1783)	BITSTRING	1	MSG2860	
6020	(1784)	BITSTRING	1		
6021	(1785)	ADDRESS	1		

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6034	(1792)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6037	(1795)	BITSTRING	1		
6038	(1796)	BITSTRING	1		
6039	(1797)	ADDRESS	1		
6047	(179F)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6048	(17A0)	BITSTRING	1	MSG2861	
6049	(17A1)	BITSTRING	1		
6050	(17A2)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6063	(17AF)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6066	(17B2)	BITSTRING	1		
6067	(17B3)	BITSTRING	1		
6068	(17B4)	ADDRESS	1		
6085	(17C5)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6086	(17C6)	BITSTRING	1	MSG2862	
6087	(17C7)	BITSTRING	1		
6088	(17C8)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6101	(17D5)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6104	(17D8)	BITSTRING	1		
6105	(17D9)	BITSTRING	1		
6106	(17DA)	ADDRESS	1		
6130	(17F2)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6131	(17F3)	BITSTRING	1	MSG2863	

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
6132	(17F4)	BITSTRING	1		
6133	(17F5)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6146	(1802)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6149	(1805)	BITSTRING	1		
6150	(1806)	BITSTRING	1		
6151	(1807)	ADDRESS	1		
6167	(1817)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6168	(1818)	BITSTRING	1	MSG2864	
6169	(1819)	BITSTRING	1		
6170	(181A)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6183	(1827)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6186	(182A)	BITSTRING	1		
6187	(182B)	BITSTRING	1		
6188	(182C)	ADDRESS	1		
6219	(184B)	BITSTRING	1		
6220	(184C)	ADDRESS	1	SRDMSG6	
6221	(184D)	CHARACTER	29	SRDMSG6S	
6250	(186A)	CHARACTER	8	SRD6NAME	
6258	(1872)	CHARACTER	17		
6258	(1872)	X'36'	0	SRDMSG6L	"*-SRDMSG6S"
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6275	(1883)	BITSTRING	1	MSG2865	
6276	(1884)	BITSTRING	1		
6277	(1885)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6289	(1891)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6292	(1894)	BITSTRING	1		

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
6293	(1895)	BITSTRING	1		
6294	(1896)	ADDRESS	1		
6307	(18A3)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6308	(18A4)	BITSTRING	1	MSG2819	
6309	(18A5)	BITSTRING	1		
6310	(18A6)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6346	(18CA)	BITSTRING	8		
6349	(18CD)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6350	(18CE)	BITSTRING	1	MSG2866	
6351	(18CF)	BITSTRING	1		
6352	(18D0)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6365	(18DD)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6368	(18E0)	BITSTRING	1		
6369	(18E1)	BITSTRING	1		
6370	(18E2)	ADDRESS	1		
6380	(18EC)	BITSTRING	1		
		MSG 2867 ADDED BY PTR OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6381	(18ED)	BITSTRING	1	MSG2867	
6382	(18EE)	BITSTRING	1		
6383	(18EF)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6411	(190B)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6414	(190E)	BITSTRING	1		
6415	(190F)	BITSTRING	1		
6416	(1910)	ADDRESS	1		
6437	(1925)	BITSTRING	1		

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6438	(1926)	BITSTRING	1	MSG2868	
6439	(1927)	BITSTRING	1		
6440	(1928)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6475	(194B)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6478	(194E)	BITSTRING	1		
6479	(194F)	BITSTRING	1		
6480	(1950)	ADDRESS	1		
6511	(196F)	BITSTRING	1		
		END OF MESSAGES			
6512	(1970)	SIGNED	4	SRDMSGZ(0)	
6512	(1970)	ADDRESS	1		
6513	(1971)	CHARACTER	41	SRDMSGZS	
6554	(199A)	CHARACTER	24		
6578	(19B2)	CHARACTER	10	SRDMSZV1	
6578	(19B2)	X'4C'	0	SRDMSGZL	"*-SRDMSGZS"
6592	(19C0)	SIGNED	4	SRDMSGY(0)	
6592	(19C0)	ADDRESS	1		
6593	(19C1)	CHARACTER	41	SRDMSGYS	
6634	(19EA)	CHARACTER	16		
6650	(19FA)	CHARACTER	1	SRDMSYV1	
6650	(19FA)	X'3B'	0	SRDMSGYL	"*-SRDMSGYS"
6652	(19FC)	SIGNED	4	SRDMSGU(0)	
6652	(19FC)	ADDRESS	1		
6653	(19FD)	CHARACTER	40	SRDMSGUS	
6693	(1A25)	CHARACTER	32		
6693	(1A25)	X'48'	0	SRDMSGUL	"*-SRDMSGUS"
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6725	(1A45)	BITSTRING	1	MSG2802	
6726	(1A46)	BITSTRING	1		
6727	(1A47)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6740	(1A54)	BITSTRING	8		

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6743	(1A57)	BITSTRING	1		
6744	(1A58)	BITSTRING	1		
6745	(1A59)	ADDRESS	1		
6785	(1A81)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6786	(1A82)	BITSTRING	1	MSG2820	
6787	(1A83)	BITSTRING	1		
6788	(1A84)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6800	(1A90)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6803	(1A93)	BITSTRING	1		
6804	(1A94)	BITSTRING	1		
6805	(1A95)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6809	(1A99)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6812	(1A9C)	BITSTRING	1		
6813	(1A9D)	BITSTRING	1		
6814	(1A9E)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6851	(1AC3)	BITSTRING	1		
6852	(1AC4)	BITSTRING	1		
6853	(1AC5)	ADDRESS	1		
6866	(1AD2)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6867	(1AD3)	BITSTRING	1	MSG2851	
6868	(1AD4)	BITSTRING	1		
6869	(1AD5)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
6911	(1AFF)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6914	(1B02)	BITSTRING	1		
6915	(1B03)	BITSTRING	1		
6916	(1B04)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6921	(1B09)	BITSTRING	8		
6924	(1B0C)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6925	(1B0D)	BITSTRING	1	MSG2846	
6926	(1B0E)	BITSTRING	1		
6927	(1B0F)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6969	(1B39)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6972	(1B3C)	BITSTRING	1		
6973	(1B3D)	BITSTRING	1		
6974	(1B3E)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6978	(1B42)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6981	(1B45)	BITSTRING	1		
6982	(1B46)	BITSTRING	1		
6983	(1B47)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6987	(1B4B)	BITSTRING	8		
6990	(1B4E)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
6991	(1B4F)	BITSTRING	1	MSG2847	
6992	(1B50)	BITSTRING	1		
6993	(1B51)	ADDRESS	1		

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
7022	(1B6E)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
7025	(1B71)	BITSTRING	1		
7026	(1B72)	BITSTRING	1		
7027	(1B73)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
7061	(1B95)	BITSTRING	1		
7062	(1B96)	BITSTRING	1		
7063	(1B97)	ADDRESS	1		
7065	(1B99)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
7066	(1B9A)	BITSTRING	1	MSG2849	
7067	(1B9B)	BITSTRING	1		
7068	(1B9C)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
7101	(1BBD)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
7104	(1BC0)	BITSTRING	1		
7105	(1BC1)	BITSTRING	1		
7106	(1BC2)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
7138	(1BE2)	BITSTRING	1		
7139	(1BE3)	BITSTRING	1		
7140	(1BE4)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
7152	(1BF0)	BITSTRING	1		
7153	(1BF1)	BITSTRING	1		
7154	(1BF2)	ADDRESS	1		
7156	(1BF4)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
7157	(1BF5)	BITSTRING	1	MSG2880	
7158	(1BF6)	BITSTRING	1		
7159	(1BF7)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
7202	(1C22)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
7205	(1C25)	BITSTRING	1		
7206	(1C26)	BITSTRING	1		
7207	(1C27)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
7211	(1C2B)	BITSTRING	8		
7214	(1C2E)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
7215	(1C2F)	BITSTRING	1	MSG2881	
7216	(1C30)	BITSTRING	1		
7217	(1C31)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
7274	(1C6A)	BITSTRING	8		
7277	(1C6D)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
7278	(1C6E)	BITSTRING	1	MSG2882	
7279	(1C6F)	BITSTRING	1		
7280	(1C70)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
7309	(1C8D)	BITSTRING	8		
7312	(1C90)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
7313	(1C91)	BITSTRING	1	MSG2884	
7314	(1C92)	BITSTRING	1		
7315	(1C93)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
7345	(1CB1)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
7348	(1CB4)	BITSTRING	1		
7349	(1CB5)	BITSTRING	1		
7350	(1CB6)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
7354	(1CBA)	BITSTRING	8		
7357	(1CBD)	BITSTRING	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
7358	(1CBE)	BITSTRING	1	MSG2886	
7359	(1CBF)	BITSTRING	1		
7360	(1CC0)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
7397	(1CE5)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
7400	(1CE8)	BITSTRING	1		
7401	(1CE9)	BITSTRING	1		
7402	(1CEA)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
7406	(1CEE)	BITSTRING	8		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
7409	(1CF1)	BITSTRING	1		
7410	(1CF2)	BITSTRING	1		
7411	(1CF3)	ADDRESS	1		
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
7415	(1CF7)	BITSTRING	8		
7418	(1CFA)	BITSTRING	1		
7419	(1CFB)	BITSTRING	1	XTNMSG(253)	MSG EXTENSION AREA 214X USED FOR MSGS ADDED BY JESTAE/ESTAE REMOVE BEFORE SHIP
		Define storage for IATXCNDB parmlist MACDATE -94/10/04-<3>			
0	(0)	X'1DF8'	0	M00M0350	"SRDXCDBL" ++ IATXCNDB NAME

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
7672	(1DF8)	DBL WORD	8	SRDXCDBL(0)	++ IATXCNDB PARM LIST
7672	(1DF8)	BITSTRING	1	SRDXCDBL_XVERSION	++ INPUT XVERSION
7673	(1DF9)	CHARACTER	6	SRDXCDBL_XEYECATCH	++ CONSTANT
7679	(1DFF)	BITSTRING	2	SRDXCDBL_XFLAG1	++ FIELD_LABEL
7679	(1DFF)	BITSTRING	0	SRDXCDBL_XOPERATION_INITIALIZE	
					"B'1000000000000000'" ++ XOPERATION.INITIALIZE KEYWORD
7679	(1DFF)	BITSTRING	0	SRDXCDBL_XOPERATION_TRANSFER	
					"B'0100000000000000'" ++ XOPERATION.TRANSFER KEYWORD
7679	(1DFF)	BITSTRING	0	SRDXCDBL_XOPERATION_UPDATE	"B'0010000000000000'" ++ XOPERATION.UPDATE KEYWORD
7679	(1DFF)	BITSTRING	0	SRDXCDBL_XOPERATION_RESET	"B'0001000000000000'" ++ XOPERATION.RESET KEYWORD
7679	(1DFF)	BITSTRING	0	SRDXCDBL_XOPERATION_VERIFY	"B'0000100000000000'" ++ XOPERATION.VERIFY KEYWORD
7679	(1DFF)	BITSTRING	0	SRDXCDBL_XOPERATION_TRANSCONSID	
					"B'0000010000000000'" ++ XOPERATION.TRANSCONSID KEYWORD
7679	(1DFF)	BITSTRING	0	SRDXCDBL_XOPERATION_TRANSROUT	
					"B'0000001000000000'" ++ XOPERATION.TRANSROUT KEYWORD
7679	(1DFF)	BITSTRING	0	SRDXCDBL_XOPERATION_EXTRACTCONSID	
					"B'0000000100000000'" ++ XOPERATION.EXTRACTCONSID KEYWORD
		1...		SRDXCDBL_XOPERATION_EXTRACTCONSNAME	
					"B'0000000010000000'" ++ XOPERATION.EXTRACTCONSNAME KEYWOR
		.1..		SRDXCDBL_XOPERATION_EXTRACTCONSTYPE	
					"B'0000000001000000'" ++ XOPERATION.EXTRACTCONSTYPE KEYWOR
		..1.		SRDXCDBL_XOPERATION_EXTRACTROUT	
					"B'0000000000100000'" ++ XOPERATION.EXTRACTROUT KEYWORD
		...1		SRDXCDBL_XOPERATION_EXTRACTCART	
					"B'0000000000010000'" ++ XOPERATION.EXTRACTCART KEYWORD
7681	(1E01)	BITSTRING	1	SRDXCDBL_XABEND	++ INPUT
		1...		SRDXCDBL_XABEND_YES	"B'10000000'" ++ XABEND.YES KEYWORD
		.1..		SRDXCDBL_XABEND_NO	"B'01000000'" ++ XABEND.NO KEYWORD
7682	(1E02)	BITSTRING	1	SRDXCDBL_XUSERADDR	++ FIELD_LABEL
7683	(1E03)	CHARACTER	1	SRDXCDBL_XRSV001	++ RESERVED
7684	(1E04)	ADDRESS	4	SRDXCDBL_XCNDB	++
7688	(1E08)	ADDRESS	4	SRDXCDBL_XOUTCNDB	++
7692	(1E0C)	ADDRESS	4	SRDXCDBL_XINCNDB	++
7696	(1E10)	ADDRESS	4	SRDXCDBL_XCONSNM	++
7700	(1E14)	ADDRESS	4	SRDXCDBL_XCONSID	++
7704	(1E18)	ADDRESS	4	SRDXCDBL_XOUTCONSID	++
7708	(1E1C)	CHARACTER	2	SRDXCDBL_XRSV002	++ RESERVED
7710	(1E1E)	BITSTRING	1	SRDXCDBL_XFLAG2	++ FIELD_LABEL

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		SRDXCDBL_XCMDIND_YES	"B'10000000'" ++ XCMDIND.YES KEYWORD
		.1..		SRDXCDBL_XCMDIND_NO	"B'01000000'" ++ XCMDIND.NO KEYWORD
7711	(1E1F)	BITSTRING	1	SRDXCDBL_XKEYS	++ FIELD_LABEL
		1...		SRDXCDBL_KEYUSED_CMDIND	"B'10000000'" ++ KEYUSED.CMDIND KEYWORD
7712	(1E20)	ADDRESS	4	SRDXCDBL_XROUT	++
7716	(1E24)	ADDRESS	4	SRDXCDBL_XCART	++
7720	(1E28)	ADDRESS	4	SRDXCDBL_XOUTCONSNAME	++
7724	(1E2C)	ADDRESS	4	SRDXCDBL_XOUTCONSTYPE	++
7728	(1E30)	ADDRESS	4	SRDXCDBL_XOUTROUT	++
7732	(1E34)	ADDRESS	4	SRDXCDBL_XOUTCART	++
7732	(1E34)	X'40'	0	SRDXCDBLL	"*-SRDXCDBL" ++ LENGTH OF PLIST

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                                        IATXCNDB-3
  SNARJP ACB -- ACB USED FOR JES3 VTAM CONNECTION
SRDACB ACB AM=VTAM,APPLID=SRDAPLNL,EXLST=SRDEXLST,
             PASSWD=SRDAPSWL,MACRF=LOGON
```

7736	(1E38)	SIGNED	4	SRDACB(0)	
7736	(1E38)	BITSTRING	1		ACB IDENTIFICATION
7737	(1E39)	ADDRESS	1		ACB SUBTYPE X04SVHS
7738	(1E3A)	ADDRESS	2		ACB LENGTH X03004HS
7740	(1E3C)	ADDRESS	4		AMB LIST POINTER
7744	(1E40)	ADDRESS	4		PTR TO VTAM EXTENSION X03004HS
7748	(1E44)	BITSTRING	1		MACRF(1) X04SVHS
7749	(1E45)	BITSTRING	1		MACRF(2) X04SVHS
7750	(1E46)	ADDRESS	1		NO OF CONCURRENT X04SVHS STRINGS FOR AIX PATH X04SVHS
7751	(1E47)	ADDRESS	1		NUMBER OF STRINGS X04SVHS
7752	(1E48)	ADDRESS	2		NUMBER OF DATA BUFFERS
7754	(1E4A)	ADDRESS	2		NUMBER OF INDEX BUFFERS
7756	(1E4C)	BITSTRING	1		MACRF(3) X04SVHS
7757	(1E4D)	BITSTRING	1		MACRF(4) X04SVHS
7758	(1E4E)	ADDRESS	2		JES BUFFER POOL/NUMBER X04SVHS OF JOURNAL BUFFERS
7760	(1E50)	BITSTRING	1		RECFM=A
7761	(1E51)	BITSTRING	1		CONTROL CHARACTER TYPE
7762	(1E52)	BITSTRING	2		DSORG=ACB
7764	(1E54)	ADDRESS	4		X04SVHS
7768	(1E58)	ADDRESS	4		PASSWORD POINTER
7772	(1E5C)	ADDRESS	4		EXIT LIST POINTER
7776	(1E60)	BITSTRING	1		INDICATE VTAM X03004
7777	(1E61)	BITSTRING	7		PAD WITH ZEROS X03004
7784	(1E68)	BITSTRING	1		OFLAGS
7785	(1E69)	ADDRESS	1		ERFLAGS
7786	(1E6A)	BITSTRING	1		INFLGS(1) X04SVHS
7787	(1E6B)	BITSTRING	1		INFLGS(2) X04SVHS
7788	(1E6C)	ADDRESS	4		OPENJ JFCB POINTER
7792	(1E70)	ADDRESS	4		BUFFER SPACE

Table 671. Structure IATYSRD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
7796	(1E74)	ADDRESS	2		BLOCK SIZE
7798	(1E76)	ADDRESS	2		RECORD SIZE
7800	(1E78)	ADDRESS	4		USER WORKAREA POINTER
7804	(1E7C)	ADDRESS	4		CONTROL BLOCK MANIPULATION WORKAREA POINTER
7808	(1E80)	ADDRESS	4		PTR TO APPL NAME X03004
7818	(1E8A)	BITSTRING	1		ACBOPT1 FLAGS
7819	(1E8B)	BITSTRING	1		ACBOPT2 FLAGS
7820	(1E8C)	SIGNED	4		RESERVED X03004
7824	(1E90)	ADDRESS	4		NIB ADDRESS
7828	(1E94)	ADDRESS	4		AMSI ADDRESS
7832	(1E98)	ADDRESS	4		RIVL ADDRESS
7836	(1E9C)	SIGNED	4		USER FIELD
7840	(1EA0)	ADDRESS	4		APPLVCTR ADDRESS
7844	(1EA4)	SIGNED	4		RESERVED FOR FUTURE SERVICE DO NOT USE **********

Table 672. Cross Reference for IATYSRD

Name	Offset	Hex Tag
IATYSRD	0	
MSGO2851	15B6	0
MSG2801	EC8	0
MSG2802	1A45	0
MSG2805	EE5	0
MSG2806	F15	0
MSG2807	F44	0
MSG2808	F65	0
MSG2809	F93	0
MSG2810	FBB	0
MSG2812	100A	0
MSG2813	104F	0
MSG2814	107A	0
MSG2815	10BB	0
MSG2816	10E7	0
MSG2817	111A	0
MSG2818	1158	0
MSG2819	18A4	0
MSG2820	1A82	0
MSG2821	11B3	0
MSG2831	11E6	0
MSG2832	1235	0
MSG2833	1285	0
MSG2834	12D4	0
MSG2835	1316	0
MSG2836	14D9	0
MSG2837	1361	0

Table 672. Cross Reference for IATYSRD (continued)

Name	Offset	Hex Tag
MSG2839	13A4	0
MSG2840	140A	0
MSG2841	145A	0
MSG2842	149C	0
MSG2845	151B	0
MSG2846	1B0D	0
MSG2847	1B4F	0
MSG2849	1B9A	0
MSG2850	1561	0
MSG2851	1AD3	0
MSG2852	15E6	0
MSG2853	1654	0
MSG2854	168C	0
MSG2856	16E0	0
MSG2858	172F	0
MSG2860	1783	0
MSG2861	17A0	0
MSG2862	17C6	0
MSG2863	17F3	0
MSG2864	1818	0
MSG2865	1883	0
MSG2866	18CE	0
MSG2867	18ED	0
MSG2868	1926	0
MSG2880	1BF5	0
MSG2881	1C2F	0
MSG2882	1C6E	0
MSG2884	1C91	0
MSG2886	1CBE	0
M00M0350	0	1DF8
QMSALL	6	10
QMSCHN	0	
QMSCNDB	8	
QMSCNID	6	8
QMSCON	6	6
QMSEND	F8	F8
QMSERR	6	20
QMSFLAG	6	
QMSLOG	6	40
QMSMSG	67	
QMSRSVD	4	
QMSSIZE	66	
QMSSTART	0	
QMSTEXT	66	
QMSTP	6	2
QMSWKA1	E0	

Table 672. Cross Reference for IATYSRD (continued)

Name	Offset	Hex Tag
QMSWKA2	E8	
SDUMADRL	4C	
SDUMELEN	50	8
SDUMENDA	50	
SDUMLAST	54	80
SDUMLSTE	54	
SDUMRET	48	
SDUMSAVE	0	
SDUMSTRA	4C	
SDUMWORK	0	
SDUMWRKE	4C	C4
SDUMWRKL	4C	C4
SMFJ47	A01	2F
SMFJ48	A69	30
SMFJ49	AC9	31
SMFRCD47	9FC	9FC
SMFRCD48	A64	A64
SMFRCD49	AC4	AC4
SMF47A	A30	
SMF47ASP	A0E	5
SMF47CWK	A14	20
SMF47DPL	A28	
SMF47DSL	A24	
SMF47DTE	A06	
SMF47END	A62	
SMF47EVT	A14	
SMF47FLG	A00	
SMF47GN	A16	
SMF47HSP	A0E	2
SMF47JID	A1C	
SMF47LAA	A22	
SMF47LCF	A14	
SMF47LEN	9FC	
SMF47LIN	A20	
SMF47LN1	A16	
SMF47LN2	A30	
SMF47LON	A14	4
SMF47LRR	A12	
SMF47LTC	A18	
SMF47MSG	A32	
SMF47PCI	A23	
SMF47PCO	A14	
SMF47PLI	A19	
SMF47PSW	A28	
SMF47PTR	9FC	9FC
SMF47RMT	A18	

Table 672. Cross Reference for IATYSRD (continued)

Name	Offset	Hex Tag
SMF47RSV	A10	
SMF47RTY	A01	
SMF47RVJ	A56	
SMF47RVU	A5E	
SMF47SBG	A12	A14
SMF47SBS	A0E	
SMF47SEG	9FE	
SMF47SID	A0A	
SMF47SIZ	A62	
SMF47SON	A14	1
SMF47SPA	A14	4
SMF47STL	A14	2
SMF47TME	A02	
SMF47UID	A15	
SMF47ULK	A14	1
SMF47UNL	A14	80
SMF48ADP	AB4	
SMF48AD4	AB7	
SMF48ASP	A76	5
SMF48BXL	A98	1C
SMF48B2L	AAF	1B
SMF48B3L	AC3	2B
SMF48CAN	A7C	2
SMF48CDH	AA8	
SMF48CNI	A7C	40
SMF48CNT	A84	
SMF48CPD	AA0	
SMF48CPG	A7C	10
SMF48CPU	A80	
SMF48CTD	AA4	
SMF48CTH	A88	
SMF48CWK	A7C	20
SMF48DCK	AA0	
SMF48DID	AB0	
SMF48DIO	A90	
SMF48DSL	A98	
SMF48DSP	A9C	
SMF48DTE	A6E	
SMF48END	AC3	
SMF48ERR	AA8	
SMF48ERS	A9C	
SMF48EVT	A7C	
SMF48FLG	A68	
SMF48FLS	A7C	
SMF48HSI	A7C	8
SMF48HSP	A76	2

Table 672. Cross Reference for IATYSRD (continued)

Name	Offset	Hex Tag
SMF48IO	A98	
SMF48LAA	AAC	
SMF48LA4	AAF	
SMF48LEN	A64	
SMF48LIN	A88	
SMF48LOF	A7C	4
SMF48LRR	A7A	
SMF48NAK	A9C	
SMF48NKS	AA2	
SMF48OUT	AA4	
SMF48PSW	A90	
SMF48PTR	A64	A64
SMF48RMT	A80	
SMF48RPI	A7C	80
SMF48RSV	A78	
SMF48RTY	A69	
SMF48RVJ	ABB	
SMF48RVU	ABF	
SMF48RV1	A7E	
SMF48SBG	A90	A98
SMF48SBP	A7A	A7C
SMF48SBS	A76	
SMF48SEG	A66	
SMF48SID	A72	
SMF48SIZ	AC3	
SMF48SOF	A7C	1
SMF48SPA	A7C	4
SMF48S0	AA4	
SMF48S1	AA5	
SMF48S2	AA6	
SMF48S3	AA7	
SMF48S4	AA8	
SMF48S5	AA9	
SMF48S6	AAA	
SMF48TID	AB4	
SMF48TIO	A94	
SMF48TME	A6A	
SMF48TOT	AA0	
SMF48TRN	A98	
SMF48UID	A7D	
SMF48ULK	A7C	1
SMF48USR	AAB	
SMF48VIR	A8C	
SMF48VSD	AAC	
SMF48XCP	A98	
SMF49A	AF8	

Table 672. Cross Reference for IATYSRD (continued)

Name	Offset	Hex Tag
SMF49ASP	AD6	5
SMF49BND	ADD	8
SMF49DEF	ADD	6
SMF49DTE	ACE	
SMF49EJ2	ADC	
SMF49EJ22	ADD	
SMF49EJ3	ADC	
SMF49EJ32	ADD	
SMF49END	B1E	
SMF49EVT	ADC	
SMF49FLG	AC8	
SMF49FLN	AE4	
SMF49GEN	ADE	
SMF49HSP	AD6	2
SMF49LEN	AC4	
SMF49LER	ADD	4
SMF49LIM	ADD	5
SMF49LIN	AE8	
SMF49LNA	ADF	
SMF49LN1	ADE	
SMF49LN2	AF8	
SMF49LRR	ADA	
SMF49MSG	AFA	
SMF49NER	ADD	1
SMF49PCO	ADC	
SMF49PER	ADD	2
SMF49PSW	AF0	
SMF49PTR	AC4	AC4
SMF49RMT	AE0	
SMF49RSV	AD8	
SMF49RTY	AC9	
SMF49RV1	AE2	
SMF49SBG	ADA	ADC
SMF49SBS	AD6	
SMF49SEG	AC6	
SMF49SID	AD2	
SMF49SIZ	B1E	
SMF49SON	ADD	1
SMF49SPW	ADD	7
SMF49STL	ADD	2
SMF49TER	ADD	8
SMF49TME	ACA	
SMF49UFO	AF0	
SMF49VID	ADC	
SNFRRCID	4	
SNFRRECR	9	40

Table 672. Cross Reference for IATYSRD (continued)

Name	Offset	Hex Tag
SNFRREND	9	A
SNFRRFLG	9	
SNFRRLCB	0	
SNFRRPAR	0	
SNFRRRIC	9	80
SNFRRTOK	8	
SNRJSV	0	
SNRJSVA	0	
SNRJSVBK	4	
SNRJSVCH	0	
SNRJSVFW	8	
SNRJSVRG	C	
SNRJSVRT	0	
SNRJSVSZ	54	58
SNRJSVWK	48	
SNRJSVW1	48	
SNRJSVW2	4C	
SNRJSVW3	50	
SNRJSVW4	54	
SRDACB	1E38	
SRDACBCL	5B0	0
SRDACBCM	5B0	80
SRDACBOP	30E	0
SRDACNTL	1D0	
SRDAMPR	D7E	0
SRDAPLNL	25A	8
SRDAPLNM	25B	40404040
SRDAPSWD	264	40404040
SRDAPSWL	263	8
SRDBBNDA	514	
SRDBCIDS	510	0
SRDBLDCB	1E0	
SRDBLMSG	538	40404040
SRDBLRLT	50C	0
SRDBLUNM	58D	40404040
SRDBNPSW	59D	40404040
SRDBPASS	271	4
SRDBPSWD	595	40404040
SRDBSESP	514	40404040
SRDBUFLC	5BC	24
SRDBUFLM	256	5
SRDBUFTR	2F4	
SRDBWKA	50C	
SRDBWKAL	5B4	AC
SRDBWSBN	588	40404040
SRDCBID	23C	E2D9C440

Table 672. Cross Reference for IATYSRD (continued)

Name	Offset	Hex Tag
SRDCLECB	26C	0
SRDCLOG	5C0	20
SRDCLOSN	617	C3D3D6E2
SRDCLRLN	964	70
SRDCLSDN	63F	C3D3E2C4
SRDCLSDX	1F4	
SRDCLSEN	649	C3D3E2C4
SRDCLSEX	1F8	
SRDCNDB	3EC	
SRDCNI	330	330
SRDCNIM	330	40
SRDCNLWS	1E8	
SRDCNN	330	330
SRDCNNM	330	80
SRDCNRJP	1E4	
SRDCNWS	330	330
SRDCNWSM	330	8
SRDCOMM	3D6	
SRDCONRL	259	84
SRDCONSV	22C	
SRDCRPI	330	330
SRDCRPIM	330	10
SRDCRPN	330	330
SRDCRPNM	330	20
SRDCSVWK	350	0
SRDCSWK	487	0
SRDCSWKL	488	0
SRDCSWKS	466	0
SRDCTBNM	304	40404040
SRDCVHEX	3DC	F0F1F2F3
SRDCWK	34F	0
SRDDBMA	DA2	40404040
SRDDEVSZ	30C	0
SRDDFASX	6DF	C4C6C1E2
SRDDFASY	487	D
SRDDFNIB	978	
SRDDFRPL	8F8	
SRDDMPR	D36	0
SRDDSPSV	0	0
SRDECLS	60C	60C
SRDECLSM	60C	80
SRDEFLG1	60C	0
SRDEGMA	604	0
SRDELCB	608	
SRDELST	60C	60C
SRDELSTM	60C	10

Table 672. Cross Reference for IATYSRD (continued)

Name	Offset	Hex Tag
SRDEOPN	60C	60C
SRDEOPNM	60C	40
SRDEPLOC	50	
SRDESBN	60C	60C
SRDESEBN	60C	20
SRDESTA	20C	
SRDEUNA	271	F
SRDEXLST	9B8	
SRDFACT	271	15
SRDFFOUR	248	4
SRDFLAG1	469	0
SRDFONE	24C	1
SRDFOUR	259	4
SRDFPTR	27C	
SRDFPUN	280	
SRDFRC	330	330
SRDFRCM	330	4
SRDFRLG	4E8	0
SRDFSCOD	458	40404040
SRDGETSZ	2FC	2FC
SRDICCOM	351	
SRDIMPR	D5A	0
SRDINCD	240	
SRDINFL	240	240
SRDINFLM	240	80
SRDINITD	450	
SRDINQN	671	C9D5D8E4
SRDINVSP	271	21
SRDIRBSV	490	0
SRDJESTA	210	
SRDJRTRY	214	
SRDKEY	4E4	
SRDLCBL	288	
SRDLCBSV	5AC	
SRDLGNIB	838	
SRDLGREJ	4F8	
SRDLGRPL	738	
SRDLMSGL	508	20
SRDLMSGO	725	4D
SRDLOGNN	621	D3D6C7D6
SRDLOGNW	469	4
SRDLOGNX	208	
SRDLPAT	271	18
SRDLSTMX	200	
SRDLTRMN	635	D3D6E2E3
SRDLUNAM	4F0	40404040

Table 672. Cross Reference for IATYSRD (continued)

Name	Offset	Hex Tag
SRDLWKA	4EC	
SRDMAXWK	48C	D
SRDMDLEN	50	C
SRDMDLST	48	C9C1E3E2
SRDMLEN	1C8	FF
SRDMODBC	271	0
SRDMPADS	0	
SRDMPDCB	0	
SRDMPDED	8	24
SRDMPDMA	4	
SRDMPDVL	8	
SRDMPLEN	8	24
SRDMSGA	EC8	
SRDMSGU	19FC	
SRDMSGUL	1A25	48
SRDMSGUS	19FD	C9C1E3F2
SRDMSGY	19C0	
SRDMSGYL	19FA	3B
SRDMSGYS	19C1	C9C1E3F2
SRDMSGZ	1970	
SRDMSGZL	19B2	4C
SRDMSGZS	1971	C9C1E3F2
SRDMSG1	B20	
SRDMSG1L	B47	40
SRDMSG1S	B21	C9C1E3F2
SRDMSG2	B64	
SRDMSG2L	B8B	3F
SRDMSG2S	B65	C9C1E3F2
SRDMSG3	BA4	
SRDMSG3L	BA5	1B
SRDMSG3S	BA5	C9C1E3F2
SRDMSG4	BC0	
SRDMSG4L	BF0	42
SRDMSG4S	BC1	C9C1E3F2
SRDMSG5	C04	
SRDMSG5L	C5D	63
SRDMSG5S	C05	C9C1E3F2
SRDMSG6	184C	
SRDMSG6L	1872	36
SRDMSG6S	184D	C9C1E3F2
SRDMSG7	C68	
SRDMSG7L	CA3	3D
SRDMSG7S	C69	C9C1E3F2
SRDMSG8	CA8	
SRDMSG8L	CD3	50
SRDMSG8S	CA9	C9C1E3F2

Table 672. Cross Reference for IATYSRD (continued)

Name	Offset	Hex Tag
SRDMSG9	CFC	
SRDMSG9E	D25	39
SRDMSG9S	CFD	C9C1E3F2
SRDMSTLG	274	
SRDMSYV1	19FA	404B
SRDMSZV1	19B2	40404040
SRDMS5V1	C47	40404040
SRDMS5V2	C52	40404040
SRDMS5V3	C5D	40404040
SRDMS7V1	CA3	40404B
SRDMVAR1	331	40404040
SRDMVAR2	33B	40404040
SRDMVAR3	345	40404040
SRDNIBLN	9B4	40
SRDNORML	259	8
SRDOFAL	32C	30E
SRDOFALM	32C	40
SRDONE	259	1
SRDOPCL	1DC	
SRDOPCOM	21C	
SRDOPENN	60D	D6D7C5D5
SRDOPNDN	62B	D6D7D5C4
SRDOPNDX	1F0	
SRDOPNRT	294	0
SRDOSUC	32C	30E
SRDOSUCM	32C	80
SRDPDIRN	6AD	D7C4C9D9
SRDPERR	259	0
SRDPMSGQ	228	
SRDPNCHN	6B7	D7E4D5C3
SRDPOOL	259	D
SRDPRTN	6C1	D7D9C9D5
SRDPRUSZ	328	0
SRDPWKQ	224	
SRDRCNT	5B8	10
SRDRCRWK	464	0
SRDRCVAN	68F	D9C5C3C5
SRDRCVN	685	D9C5C3C5
SRDRDRID	47B	40404040
SRDRDRN	6CB	D9C5C1C4
SRDRETRY	259	4
SRDREXIT	487	C
SRDRMVCB	218	
SRDRNA	271	1
SRDRNJSS	1D4	
SRDRPLLN	96E	7D

Table 672. Cross Reference for IATYSRD (continued)

Name	Offset	Hex Tag
SRDRSLCB	5A8	0
SRDRSPEX	6D5	D9C5E2D7
SRDRSRN	699	D9C5E2C5
SRDRSTWK	467	0
SRDRSVD	E9C	
SRDRSVD1	45D	0
SRDRSVD2	234	
SRDRSVD3	30F	0
SRDRSVD4	460	0
SRDRSVD5	324	
SRDRSVD6	6E9	E7E7E7E7
SRDRSVD8	257	0
SRDRSVS	4E5	0
SRDRSVS1	489	0
SRDRSVS2	465	0
SRDRSVS3	310	0
SRDRSVS4	220	
SRDRSVS5	505	4040
SRDRSVS6	6F3	E7E7E7E7
SRDRSVS8	258	0
SRDRSVU1	1BC	E7E7E7E7
SRDRSVU2	244	
SRDRSVU3	311	0
SRDRSVU4	32C	0
SRDRSVU5	508	0
SRDRSVU6	711	E7E7E7E7
SRDRSVU7	5B4	0
SRDRSVU8	259	0
SRDRSWK2	468	0
SRDRTADR	314	0
SRDRTYSV	5C4	0
SRDRUBB	254	1C
SRDRUBIG	254	800
SRDRUBSZ	2FE	0
SRDRULB	254	85
SRDRULOC	290	
SRDRUMAX	252	1000
SRDRUMIN	250	100
SRDRUNM	300	0
SRDRUSZ	2FC	0
SRDRVRPL	878	
SRDR14	4D8	
SRDR15	4DC	
SRDR4	4E0	
SRDSEC	469	80
SRDSECPL	28C	0

Table 672. Cross Reference for IATYSRD (continued)

Name	Offset	Hex Tag
SRDSENBC	270	0
SRDSETAC	44C	
SRDSETLN	65D	E2C5E3D3
SRDSETLX	1FC	
SRDSGINA	320	
SRDSGINF	318	
SRDSGNAM	31C	
SRDSGNPM	31C	
SRDSIMLG	278	
SRDSIMLN	653	E2C9D4D3
SRDSIMLX	1EC	
SRDSIMRT	230	
SRDSLMEX	271	5
SRDSLMLN	734	10
SRDSLPSW	72C	40404040
SRDSLRPL	7B8	
SRDSLWSN	726	40404040
SRDSMF47	9FC	
SRDSMF48	A64	
SRDSMF49	AC4	
SRDSNDN	67B	E2C5D5C4
SRDSNLSC	507	0
SRDSNLSM	507	80
SRDSNLSP	507	40
SRDSNLSX	507	20
SRDSNLS2	469	10
SRDSPFDB	2A4	
SRDSPFL1	330	0
SRDSRUSZ	32A	0
SRDSSCN	6A3	E2C5E2E2
SRDSSWE	4EC	
SRDSUBT	1D8	
SRDSUPNM	302	0
SRDSVR10	4FC	0
SRDSVWSN	500	40404040
SRDTATFD	2B0	
SRDTBYTS	2F8	0
SRDTHIRD	469	20
SRDTPNDN	667	E3D7C5D5
SRDTPNDX	204	
SRDTRCON	2EC	
SRDTRFDB	2CC	
SRDTROFF	2F0	
SRDTWO	259	2
SRDWALLS	47B	B
SRDWCLOS	487	2

Table 672. Cross Reference for IATYSRD (continued)

Name	Offset	Hex Tag
SRDWCLSD	487	4
SRDWCLSE	487	5
SRDWCMDP	47B	E
SRDWCNR	47B	C
SRDWCNTL	47B	4
SRDWCNWS	47B	D
SRDWESTA	487	B
SRDWGCTB	47B	2
SRDWINIT	47B	1
SRDWJRT	47B	5
SRDWJSTA	47B	11
SRDWKWDV	469	8
SRDWLGV	47B	7
SRDWLOGN	487	8
SRDWLOPN	47B	A
SRDWLSTM	487	A
SRDWMAX	47B	14
SRDWMSGP	47B	14
SRDWOPEN	487	1
SRDWOPND	487	3
SRDWPASS	47B	12
SRDWRMCB	47B	F
SRDWRSVS	47B	10
SRDWRUS	47B	9
SRDWS	474	40404040
SRDWSACT	47B	3
SRDWSBL	284	
SRDWSETL	487	6
SRDWSFDB	298	
SRDWSIML	487	7
SRDWSML	47B	6
SRDWSNAM	3D7	
SRDWTPND	487	9
SRDWWRKP	47B	13
SRDWWSB	47B	8
SRDXCDBL	1DF8	
SRDXCDBL_KEYUSED_CMDIND	1E1F	80
SRDXCDBL_XABEND	1E01	
SRDXCDBL_XABEND_NO	1E01	40
SRDXCDBL_XABEND_YES	1E01	80
SRDXCDBL_XCART	1E24	
SRDXCDBL_XCMDIND_NO	1E1E	40
SRDXCDBL_XCMDIND_YES	1E1E	80
SRDXCDBL_XCNDB	1E04	
SRDXCDBL_XCONSID	1E14	
SRDXCDBL_XCONSNM	1E10	

Table 672. Cross Reference for IATYSRD (continued)

Name	Offset	Hex Tag
SRDXCDBL_XEYECATCH	1DF9	
SRDXCDBL_XFLAG1	1DFF	
SRDXCDBL_XFLAG2	1E1E	
SRDXCDBL_XINCNDB	1E0C	
SRDXCDBL_XKEYS	1E1F	
SRDXCDBL_XOPERATION_EXTRACTCART	0	10
SRDXCDBL_XOPERATION_EXTRACTCONSID	1DFF	100
SRDXCDBL_XOPERATION_EXTRACTCONSNAME	1DFF	80
SRDXCDBL_XOPERATION_EXTRACTCONSTYPE	0	40
SRDXCDBL_XOPERATION_EXTRACTROUT	0	20
SRDXCDBL_XOPERATION_INITIALIZE	1DFF	8000
SRDXCDBL_XOPERATION_RESET	1DFF	1000
SRDXCDBL_XOPERATION_TRANSCONSID	1DFF	400
SRDXCDBL_XOPERATION_TRANSFER	1DFF	4000
SRDXCDBL_XOPERATION_TRANSROUT	1DFF	200
SRDXCDBL_XOPERATION_UPDATE	1DFF	2000
SRDXCDBL_XOPERATION_VERIFY	1DFF	800
SRDXCDBL_XOUTCART	1E34	
SRDXCDBL_XOUTCNDB	1E08	
SRDXCDBL_XOUTCONSID	1E18	
SRDXCDBL_XOUTCONSNAME	1E28	
SRDXCDBL_XOUTCONSTYPE	1E2C	
SRDXCDBL_XOUTROUT	1E30	
SRDXCDBL_XROUT	1E20	
SRDXCDBL_XRSV001	1E03	
SRDXCDBL_XRSV002	1E1C	
SRDXCDBL_XUSERADDR	1E02	
SRDXCDBL_XVERSION	1DF8	
SRDXCDBLL	1E34	40
SRDXCR	46A	
SRDXEND	47B	487
SRDZERO	259	0
SRD3	259	3
SRD551	469	40
SRD551RP	454	
SRD6NAME	186A	40404040
SRD7	259	7
XTNMSG	1CFB	

IATYSRF information

IATYSRF programming interface information

IATYSRF is a programming interface.

IATYSRF heading information

Common name:	SINGLE-RECORD FILE HEADER
Macro ID:	IATYSRF
DSECT name:	None
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Subpool: N/A Key: N/A Residency: Any
Size:	32 Bytes
Created by:	N/A
Pointed to by:	N/A
Serialization:	N/A
Function:	Contains the user portion of the Single-Record File header.

IATYSRF mapping

Table 673. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		

Table 674. Structure SRFSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SRFSTART	
0	(0)	BITSTRING	6	SRFTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	SRFCNT	USER COUNT.
8	(8)	CHARACTER	4	SRFID	File id.
12	(C)	BITSTRING	12	SRFCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	SRFVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	SRFDATA(0)	START OF USER DATA AREA.

IATYSRL information

IATYSRL programming interface information

IATYSRL is a programming interface.

IATYSRL heading information

Common name:	FSI SERVICE REQUEST LIST
Macro ID:	IATYSRL
DSECT name:	SRLSTART
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	SRL Offset: SRLID Length: 4
Storage attributes:	Main Storage: SUBPOOL 0 or SUBPOOL specified by FSCBCBSP

Size: SRLCDSIZ Bytes
SRLDRSIZ Bytes
SRLGDSIZ Bytes
SRLPOSIZ Bytes
SRLBPCCB Bytes
SRLSNSIZ Bytes

Created by: A routine which uses the functional subsystem interface

Pointed to by: IATYFSCB FIELD FSCBLSNQ
IATYFSCB FIELD FSCBSRL
IATYFSDB FIELD FSDBSRLA
IATYSRL FIELD SRLCHAIN

Serialization: The LOCAL Lock must be held while SRLCHAIN is being altered.

Function: The SRL is the common buffer for all communications between the FSS Address space and the JES3 Global Address space. The SRL consists of three sections:
1. A fixed length JES3 header.
2. The fixed length section of the FSI parameter list.
3. A variable length function-dependent section, consisting of the function-dependent section of the FSI parameter list followed by a JES3-Unique function-dependent section.

IATYSRL mapping

Table 675. Structure SRLSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SRLSTART	SERVICE REQUEST LIST
0	(0)	SIGNED	2	SRLLEN	LENGTH OF SRL AND USER DATA
2	(2)	BITSTRING	1	SRLFLAGS	REQUEST PROCESSING FLAGS
		DEFINITION OF SRLFLAGS			
		1...		SRLCIORD	"X'80'" SRL CONTAINS CI ORDER
		.1..		SRLFSARS	"X'40'" SRL CONTAINS ORDER FOR FSA 0546 ATTEMPTING TO RESTART 0546
		1		SRLDMPRQ	"X'01'" GLOBAL DUMP REQUESTED
3	(3)	BITSTRING	1	SRLDRSVD	RESERVED FOR DEVELOPMENT
4	(4)	CHARACTER	4	SRLID	CONTROL BLOCK ID
8	(8)	ADDRESS	4	SRLCHAIN	ADDRESS OF NEXT SRL ON QUEUE
12	(C)	SIGNED	4	SRLHEND(0)	END OF FIXED LENGTH HEADER
12	(C)	X'C'	0	SRLHSIZE	"SRLHEND-SRLSTART" LENGTH OF HEADER
		FIXED LENGTH FSI PARAMETER LIST HEADER			
12	(C)	BITSTRING	24	SRLFSIP	FSI PARAMETER LIST HEADER
36	(24)	SIGNED	4	SRLFEND(0)	END OF SRL FIXED PORTION
36	(24)	X'24'	0	SRLFSIZE	"SRLFEND-SRLSTART" LENGTH OF SRL FIXED PORTION
		VARIABLE LENGTH FUNCTION-DEPENDENT SEGMENTS FOLLOW CONNECT/DISCONNECT FUNCTION-DEPENDENT SEGMENT			
36	(24)	SIGNED	4	SRLCDF(0)	CONNECT/DISCONNECT SEGMENT
		CONNECT/DISCONNECT SECTION OF FSI PARAMETER LIST			

Table 675. Structure SRLSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
36	(24)	BITSTRING	1	SRLCDFSI	CONNECT/DISCONNECT SECTION OF FSI PARAMETER LIST
		JES3-UNIQUE CONNECT/DISCONNECT RESPONSE SECTION			
76	(4C)	SIGNED	4	SRLCDJES(0)	JES3 CONNECT/DISCONNECT RESPONSE SECTION
76	(4C)	CHARACTER	8	SRLCDCON	FUNCTION-SPECIFIC CONNECT LOAD MODULE NAME
84	(54)	CHARACTER	8	SRLCDDIS	FUNCTION-SPECIFIC DISCONNECT LOAD MODULE NAME
96	(60)	DBL WORD	8	SRLCDEND(0)	END OF CONN/DISCONN SEGMENT
96	(60)	X'60'	0	SRLCDSIZ	"SRLCDEND-SRLSTART" LENGTH OF CONN/DISCONN SRL
		GETDS FUNCTION-DEPENDENT SEGMENT			
36	(24)	SIGNED	4	SRLGDS(0)	GETDS SEGMENT
		GETDS SECTION OF FSI PARAMETER LIST			
36	(24)	BITSTRING	1	SRLGDFSI	GETDS SECTION OF FSI PARAMETER LIST
		JES3-UNIQUE GETDS RESPONSE SECTION			
184	(B8)	SIGNED	4	SRLGDJES(0)	JES3 GETDS RESPONSE SECTION
		SPOOL RECORD ADDRESSES			
184	(B8)	BITSTRING	6	SRLGDFRA	FIRST RECORD ADDRESS OF DATA
190	(BE)	BITSTRING	6	SRLGDSWB	OUTPUT SWB SPOOL ADDRESS
196	(C4)	BITSTRING	6	SRLGDCKP	CHECKPOINT SPOOL ADDRESS
202	(CA)	BITSTRING	1	SRLGDJNS	JESNEWS SPOOL ADDRESS
		DATA NEEDED FOR SECURITY PROCESSING IN FSS ADDRESS SPACE			
208	(D0)	BITSTRING	53	SRLGDENT	SELECTED DATA SET ENTITY NAME
261	(105)	BITSTRING	1	SRLGJENT	JESNEWS ENTITY NAME
		DATA NEEDED FOR SWB RECREATE IN FSS ADDRESS SPACE			
314	(13A)	CHARACTER	1	SRLGDSRD(0)	START OF SWB RECREATE DATA
314	(13A)	CHARACTER	8	SRLGDFMS	FORMS
322	(142)	CHARACTER	8	SRLGDPMD	PROCESS MODE NAME
330	(14A)	CHARACTER	4	SRLGDFCB	FORMS CONTROL BUFFER
334	(14E)	CHARACTER	4	SRLGDFSH	FORMS FLASH ID
338	(152)	CHARACTER	4	SRLGDUCS	UNIVERSAL CHARACTER SET
342	(156)	CHARACTER	4	SRLGDMOD	COPY MODIFICATION ID
346	(15A)	BITSTRING	1	SRLGDMRC	COPY MOD TABLE REF CHAR
347	(15B)	CHARACTER	1	SRLGDSTK	STACKER
347	(15B)	X'C3'	0	SRLGDCFS	"C'C'" CONTINUOUS FORMS STACKER
347	(15B)	X'E2'	0	SRLGDBTS	"C'S'" BURSTER-TRIMMER-STACKER
348	(15C)	BITSTRING	1	SRLGDCPY	DATA SET COPIES
349	(15D)	BITSTRING	1	SRLGDCPE(8)	OUTPUT COPY DISTRIBUTION

Table 675. Structure SRLSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
357	(165)	CHARACTER	4	SRLGDCHR(4)	CHARACTER ARRANGEMENT TABLES
373	(175)	BITSTRING	1	SRLGDFSC	FLASH COUNT
373	(175)	X'3C'	0	SRLGDSRL	"*-SRLGDSRD" LENGTH OF SWB RECREATE DATA
	DATASET DESCRIPTOR FLAGS				
374	(176)	BITSTRING	1	SRLGDFLG	DATASET DESCRIPTOR FLAGS
		1...		SRLGDJHD	"X'80'" PRINT JESNEWS WITH JOB HEADER
		.1..		SRLGDJTL	"X'40'" PRINT JESNEWS WITH JOB TRAILER
374	(176)	X'C0'	0	SRLGDJNW	"SRLGDJHD+SRLGDJTL" PRINT JESNEWS WITH DATASET
		..1.		SRLGDNCK	"X'20'" NEW CHECKPOINT RECORD ALLOCATED BY GLOBAL JES3
		...1		SRLGDJTO	"X'10'" PRINT JOB TRAILER ONLY - NO ASSOCIATED DATASET
		.... 1...		SRLGDCPD	"X'08'" COMPOSED PAGE DATA STREAM CC
		.... .1..		SRLGDNCP	"X'04'" NON-FSS CHECKPOINT RECORD
		.... ..1.		SRLGDSP2	"X'02'" DOUBLE SPACING REQUESTED
		1		SRLGDSP1	"X'01'" SINGLE SPACING REQUESTED (TRIPLE SPACING = BOTH FLAGS ON)
375	(177)	CHARACTER	1	SRLGDCMC	COPYMARK INDICATOR
	DATASET DESCRIPTOR FLAGS				
376	(178)	BITSTRING	1	SRLGDFL2	DATASET DESCRIPTOR FLAGS
		1...		SRLGDDFS	"X'80'" DEFAULT FLASH IN SRLGDFSH
377	(179)	BITSTRING	1	SRLGDVER	SRL GDS version number
377	(179)	X'1'	0	SRLGDVCT	"1" Version supporting CTOKENs
377	(179)	X'2'	0	SRLGDCVR	"SRLGDVS1" Current version number
377	(179)	X'2'	0	SRLGDVS1	"2" Version for OW41263 to reposition SRLGDPXT at the end of the GETDS section
	JOB SEPARATOR PAGE DATA				
380	(17C)	SIGNED	4	(0)	FULL-WORD ALIGN SRLGDJSP
380	(17C)	BITSTRING	1	SRLGDJSP	JSPA SIZE W/EXTENSION HDR + 1 EXTENSION
	IF SRLGDCHK CAUSES AN ASSEMBLY ERROR, UPDATE THE HARD CODED LENGTH AND REASSEMBLE ALL THE MODULES REFERENCING IAZJSPA				
604	(25C)	BITSTRING	1	SRLGDCHK(0)	FORCE ASSEMBLY ERROR IF IAZJSPA > 224 BYTES
	DATA REQUIRED TO COMPLETE THE SMF TYPE 6 RECORD				
604	(25C)	SIGNED	4	(0)	FULL-WORD ALIGN SRLGDJMR
604	(25C)	BITSTRING	1	SRLGDJMR	JOB MANAGEMENT RECORD
	3 LINES DELETED BY APAR OW41263				
604	(25C)	X'288'	0	SRLGDSZ1	"SRLGDEN1-SRLSTART" Length of version 1 GETDS

Table 675. Structure SRLSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
648	(288)	DBL WORD	8	SRLGDEN1(0)	End of GETDS version 1 fields
648	(288)	SIGNED	4	SRLDSKEY	Dataset key
652	(28C)	SIGNED	4	SRLDSNUM	Dataset number from CTOKEN
656	(290)	SIGNED	4	SRLOFFST	Progress Counts Table offset
660	(294)	SIGNED	4	SRLGDRV2	Reserved for IBM
664	(298)	CHARACTER	8	SRLGDEST	OSEDEST to build SWB
672	(2A0)	DBL WORD	8	SRLGDEND(0)	END OF GETDS SEGMENT
672	(2A0)	DBL WORD	8	SRLGDPXT(0)	START OF POTENTIAL FUNCTION DEPENDENT EXTENSIONS - POINTED TO BY FSIPEXT
672	(2A0)	X'2A0'	0	SRLGDSIZ	"SRLGDEND-SRLSTART" LENGTH OF MINIMUM GETDS SRL
	RELDS FUNCTION-DEPENDENT SEGMENT				
36	(24)	SIGNED	4	SRLRDS(0)	RELDS SEGMENT
	RELDS SECTION OF FSI PARAMETER LIST				
36	(24)	BITSTRING	1	SRLRDFSI	RELDS SECTION OF FSI PARAMETER LIST
	JES3-UNIQUE RELDS RESPONSE SECTION				
68	(44)	SIGNED	4	SRLRDJES(0)	JES3 RELDS RESPONSE SECTION
68	(44)	BITSTRING	1	SRLRDUPR	REASON CODE ON FSI RELDS
69	(45)	BITSTRING	7	SRLRSVD1	RESERVED FOR DEVELOPMENT
80	(50)	DBL WORD	8	SRLRDEND(0)	END OF RELDS SEGMENT
80	(50)	X'50'	0	SRLRDSIZ	"SRLRDEND-SRLSTART" LENGTH OF RELDS SRL
	POST FUNCTION-DEPENDENT SEGMENT				
36	(24)	SIGNED	4	SRLPOST(0)	POST SEGMENT
	POST SECTION OF FSI PARAMETER LIST				
36	(24)	BITSTRING	1	SRLPOFSI	POST SECTION OF FSI PARAMETER LIST
	JES3-UNIQUE POST RESPONSE SECTION THIS SECTION IS NOT CURRENTLY REQUIRED.				
48	(30)	SIGNED	4	SRLPOJES(0)	JES3 POST RESPONSE SECTION
48	(30)	DBL WORD	8	SRLPOEND(0)	END OF POST SEGMENT
48	(30)	X'30'	0	SRLPOSIZ	"SRLPOEND-SRLSTART" LENGTH OF POST SRL
	ORDER FUNCTION-DEPENDENT SEGMENT				
36	(24)	SIGNED	4	SRLORD(0)	ORDER SEGMENT
	FSI PARAMETER LIST SECTION COMMON TO ALL ORDERS				
36	(24)	BITSTRING	20	SRLORFSI	COMMON ORDER SECTION OF FSI PARAMETER LIST
56	(38)	SIGNED	4	SRLORFND(0)	END OF ORDER FIXED PORTION
56	(38)	X'38'	0	SRLORFSZ	"SRLORFND-SRLSTART" LEN OF ORDER FIXED PORTION

Table 675. Structure SRLSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		FSI PARAMETER LIST FOR START/STOP ORDERS NOTE BENE: START FSA ORDER IS A SPECIAL CASE 0 - THE FSI PARAMETER LIST FOR START FSA ORDER 0 IS MAPPED AT SRLSFFSI, NOT AT SRLSSFSI. 0			
56	(38)	BITSTRING	1	SRLSSFSI	FSI PARAMETER LIST FOR START/STOP ORDERS
		JES3-UNIQUE DATA FOR START/STOP ORDERS			
96	(60)	SIGNED	4	SRLSSJES(0)	JES3 START/STOP ORDER DATA
		ORDER RESPONSE AREA FOR START/STOP ORDERS			
96	(60)	BITSTRING	64	SRLSSRSP	ORDER RESPONSE AREA FOR START/STOP ORDERS
160	(A0)	DBL WORD	8	SRLSSEND(0)	END OF START/STOP ORDER
160	(A0)	X'A0'	0	SRLSSSIZ	"SRLSSEND-SRLSTART" LENGTH OF START/STOP ORDER
		FSI PARAMETER LIST FOR START FSA ORDER			
56	(38)	BITSTRING	40	SRLSFFSI	FSI PARAMETER LIST FOR START FSA ORDER
96	(60)	BITSTRING	12	SRLSFINT	DEVICE INITIALIZATION PARAMETERS
108	(6C)	BITSTRING	1	SRLSFMCS	DEVICE MESSAGE ROUTING INFORMATION
		JES3-UNIQUE DATA FOR START FSA ORDER			
144	(90)	SIGNED	4	SRLSFJES(0)	JES3 START FSA ORDER DATA
		ORDER RESPONSE AREA FOR START FSA ORDER			
144	(90)	BITSTRING	64	SRLSFRSP	ORDER RESPONSE AREA FOR START FSA ORDER
208	(D0)	DBL WORD	8	SRLSFEND(0)	END OF START FSA ORDER
208	(D0)	X'D0'	0	SRLSFSIZ	"SRLSFEND-SRLSTART" LENGTH OF START FSA ORDER
		FSI PARAMETER LIST FOR QUERY ORDER			
56	(38)	SIGNED	4	SRLQUFSI(0)	FSI PARAMETER LIST FOR QUERY ORDER
		JES3-UNIQUE DATA FOR QUERY ORDER			
56	(38)	SIGNED	4	SRLQUJES(0)	JES3 QUERY ORDER DATA
		ORDER RESPONSE AREA FOR QUERY ORDER			
56	(38)	BITSTRING	64	SRLQURSP	ORDER RESPONSE AREA FOR QUERY ORDER
120	(78)	DBL WORD	8	SRLQUEND(0)	END OF QUERY ORDER
120	(78)	X'78'	0	SRLQUSIZ	"SRLQUEND-SRLSTART" LENGTH OF QUERY ORDER
		FSI PARAMETER LIST FOR SET ORDER			
56	(38)	BITSTRING	1	SRLSTFSI	FSI PARAMETER LIST FOR SET ORDER
		JES3-UNIQUE DATA FOR SET ORDER			

Table 675. Structure SRLSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
80	(50)	SIGNED	4	SRLSTJES(0)	JES3 SET ORDER DATA
		ORDER RESPONSE AREA FOR SET ORDER			
80	(50)	BITSTRING	64	SRLSTRSP	ORDER RESPONSE AREA FOR SET ORDER
144	(90)	DBL WORD	8	SRLSTEND(0)	END OF SET ORDER
144	(90)	X'90'	0	SRLSTSIZ	"SRLSTEND-SRLSTART" LENGTH OF SET ORDER
		FSI PARAMETER LIST FOR SYNCH ORDER			
56	(38)	BITSTRING	1	SRLSYFSI	FSI PARAMETER LIST FOR SYNCH ORDER
		JES3-UNIQUE DATA FOR SYNCH ORDER			
216	(D8)	SIGNED	4	SRLSYJES(0)	JES3 SYNCH ORDER DATA
		ORDER RESPONSE AREA FOR SYNCH ORDER			
216	(D8)	BITSTRING	1	SRLSYRSP	ORDER RESPONSE AREA FOR SYNCH ORDER
		SET ORDER DATA AREA FOR SYNCH ORDER			
276	(114)	BITSTRING	28	SRLSYSET	SET ORDER DATA AREA FOR SYNCH ORDER
304	(130)	DBL WORD	8	SRLSYEND(0)	END OF SYNCH ORDER
304	(130)	X'130'	0	SRLSYSIZ	"SRLSYEND-SRLSTART" LENGTH OF SYNCH ORDER
		FSI PARAMETER LIST FOR INTERVENTION ORDER			
56	(38)	BITSTRING	1	SRLIVFSI	FSI PARAMETER LIST FOR INTERVENTION ORDER
		JES3-UNIQUE DATA FOR INTERVENTION ORDER			
108	(6C)	SIGNED	4	SRLIVJES(0)	JES3 INTERVENTION ORDER DATA
		ORDER RESPONSE AREA FOR INTERVENTION ORDER			
108	(6C)	BITSTRING	60	SRLIVRSP	ORDER RESPONSE AREA FOR INTERVENTION ORDER
168	(A8)	DBL WORD	8	SRLIVEND(0)	END OF INTERVENTION ORDER
168	(A8)	X'A8'	0	SRLIVSIZ	"SRLIVEND-SRLSTART" LENGTH OF INTERVENTION ORDER
		CI COMMUNICATION BLOCK SECTION COMMON TO ALL CI ORDERS			
56	(38)	BITSTRING	40	SRLCICCB	CCB SECTION COMMON TO ALL CI ORDERS
96	(60)	SIGNED	4	SRLCIFND(0)	END OF CCB FIXED PORTION
96	(60)	X'60'	0	SRLCIFSZ	"SRLCIFND-SRLSTART" LEN OF CCB FIXED PORTION
		CI COMMUNICATION BLOCK SECTION FOR PROCESS JOB ORDER			
96	(60)	BITSTRING	336	SRLPJCCB	Process job order data
432	(1B0)	DBL WORD	8	SRLPJEND(0)	END OF PROCESS JOB ORDER

Table 675. Structure SRLSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
432	(1B0)	X'1B0'	0	SRLPJSIZ	"SRLPJEND-SRLSTART" LENGTH OF PROCESS JOB ORDER
		CI COMMUNICATION BLOCK SECTION FOR CANCEL/FAIL JOB ORDER			
96	(60)	BITSTRING	8	SRLCFCCB	CANCEL/FAIL JOB ORDER DATA
104	(68)	DBL WORD	8	SRLCFEND(0)	END OF CANCEL/FAIL JOB ORDER
104	(68)	X'68'	0	SRLCFSIZ	"SRLCFEND-SRLSTART" LEN OF CANCEL/FAIL JOB ORDER
		CI COMMUNICATION BLOCK SECTION FOR MODIFY COUNT ORDER			
96	(60)	BITSTRING	16	SRLMOCCB	MODIFY COUNT ORDER DATA
112	(70)	DBL WORD	8	SRLMOEND(0)	END OF MODIFY COUNT ORDER
112	(70)	X'70'	0	SRLMOSIZ	"SRLMOEND-SRLSTART" LENGTH OF MODIFY COUNT ORDER
		CI COMMUNICATION BLOCK SECTION FOR ENABLE/DISABLE PROCLIB ORDER			
96	(60)	BITSTRING	16	SRLEDCCB	ENABLE/DISABLE ORDER DATA
112	(70)	DBL WORD	8	SRLEDEND(0)	END OF ENABLE/DISABLE ORDER
112	(70)	X'70'	0	SRLEDSIZ	"SRLEDEND-SRLSTART" LEN OF ENABLE/DISABLE ORDER
		CI COMMUNICATION BLOCK SECTION FOR BUILD PROCLIB ORDER A FIXED MAPPING OF THIS SECTION IS NOT POSSIBLE.			
96	(60)	SIGNED	4	SRLBPCCB(0)	ENABLE/DISABLE ORDER DATA
		SEND FUNCTION-DEPENDENT SEGMENT			
36	(24)	SIGNED	4	SRLSND(0)	SEND SEGMENT
		SEND SECTION OF FSI PARAMETER LIST			
36	(24)	BITSTRING	1	SRLSNFSI	SEND SECTION OF FSI PARAMETER LIST
		JES3-UNIQUE SEND DATA SECTION FOR AN UNSOLICITED SEND FROM A CI FSS, THIS SECTION IS MAPPED BY THE CI COMMUNICATION BLOCK, IATYCCB. FOR AN UNSOLICITED SEND FROM A WRITER FSS, THIS SECTION IS MAPPED BY THE FSI ORDER RESPONSE AREA, IAZRESPA.			
48	(30)	DBL WORD	8	SRLSNJES(0)	JES3 SEND DATA SECTION
48	(30)	DBL WORD	8	SRLSNEND(0)	END OF SEND SEGMENT
48	(30)	X'30'	0	SRLSNSIZ	"SRLSNEND-SRLSTART" LENGTH OF SEND SRL

Table 676. Cross Reference for IATYSRL

Name	Offset	Hex Tag
SRLBPCCB	60	
SRLCDCON	4C	
SRLCDDIS	54	
SRLCDEND	60	

Table 676. Cross Reference for IATYSRL (continued)

Name	Offset	Hex Tag
SRLCDF	24	
SRLCDFSI	24	
SRLCDJES	4C	
SRLCDSIZ	60	60
SRLCFCCB	60	
SRLCFEND	68	
SRLCFSIZ	68	68
SRLCHAIN	8	
SRLCICCB	38	
SRLCIFND	60	
SRLCIFSZ	60	60
SRLCIORD	2	80
SRLDMPRQ	2	1
SRLDRSVD	3	
SRLDSKEY	288	
SRLDSNUM	28C	
SRLEDCCB	60	
SRLEDEND	70	
SRLEDSIZ	70	70
SRLFEND	24	
SRLFLAGS	2	
SRLFSARS	2	40
SRLFSIP	C	
SRLFSIZE	24	24
SRLGDBTS	15B	E2
SRLGDCFS	15B	C3
SRLGDCHK	25C	
SRLGDCHR	165	
SRLGDCKP	C4	
SRLGDCMC	177	
SRLGDCPD	176	8
SRLGDCPE	15D	
SRLGDCPY	15C	
SRLGDCVR	179	2
SRLGDDFS	178	80
SRLGDEND	2A0	
SRLGDENT	D0	
SRLGDEN1	288	
SRLGDEST	298	
SRLGDFCB	14A	
SRLGDFLG	176	
SRLGDFL2	178	
SRLGDFMS	13A	
SRLGDFRA	B8	
SRLGDFSC	175	
SRLGDFSH	14E	

Table 676. Cross Reference for IATYSRL (continued)

Name	Offset	Hex Tag
SRLGDFSI	24	
SRLGDJES	B8	
SRLGDJHD	176	80
SRLGDJMR	25C	
SRLGDJNS	CA	
SRLGDJNW	176	C0
SRLGDJSP	17C	
SRLGDJTL	176	40
SRLGDJTO	176	10
SRLGDMOD	156	
SRLGDMRC	15A	
SRLGDNCK	176	20
SRLGDNCP	176	4
SRLGDPMD	142	
SRLGDPXT	2A0	
SRLGDRV2	294	
SRLGDS	24	
SRLGDSIZ	2A0	2A0
SRLGDSP1	176	1
SRLGDSP2	176	2
SRLGDSRD	13A	
SRLGDSRL	175	3C
SRLGDSTK	15B	
SRLGDSWB	BE	
SRLGDSZ1	25C	288
SRLGDUCS	152	
SRLGDVCT	179	1
SRLGDVER	179	
SRLGDVS1	179	2
SRLGJENT	105	
SRLHEND	C	
SRLHSIZE	C	C
SRLID	4	
SRLIVEND	A8	
SRLIVFSI	38	
SRLIVJES	6C	
SRLIVRSP	6C	
SRLIVSIZ	A8	A8
SRLLEN	0	
SRLMOCCB	60	
SRLMOEND	70	
SRLMOSIZ	70	70
SRLOFFST	290	
SRLORD	24	
SRLORFND	38	
SRLORFSI	24	

Table 676. Cross Reference for IATYSRL (continued)

Name	Offset	Hex Tag
SRLORFSZ	38	38
SRLPJCCB	60	
SRLPJEND	1B0	
SRLPJSIZ	1B0	1B0
SRLPOEND	30	
SRLPOFSI	24	
SRLPOJES	30	
SRLPOSIZ	30	30
SRLPOST	24	
SRLQUEND	78	
SRLQUFSI	38	
SRLQUJES	38	
SRLQURSP	38	
SRLQUSIZ	78	78
SRLRDEND	50	
SRLRDFSI	24	
SRLRDJES	44	
SRLRDS	24	
SRLRDSIZ	50	50
SRLRDUPR	44	0
SRLRSVD1	45	
SRLSFEND	D0	
SRLSFFSI	38	
SRLSFINT	60	
SRLSFJES	90	
SRLSFMCS	6C	
SRLSFRSP	90	
SRLSFSIZ	D0	D0
SRLSND	24	
SRLSNEND	30	
SRLSNFSI	24	
SRLSNJES	30	
SRLSNSIZ	30	30
SRLSSEND	A0	
SRLSSFSI	38	
SRLSSJES	60	
SRLSSRSP	60	
SRLSSSIZ	A0	A0
SRLSTART	0	
SRLSTEND	90	
SRLSTFSI	38	
SRLSTJES	50	
SRLSTRSP	50	
SRLSTSIZ	90	90
SRLSYEND	130	
SRLSYFSI	38	

Table 676. Cross Reference for IATYSRL (continued)

Name	Offset	Hex Tag
SRLSYJES	D8	
SRLSYRSP	D8	
SRLSYSET	114	
SRLSYSIZ	130	130

IATYSRPA information

IATYSRPA heading information

Common name: IATSSRN Parameter Area

Macro ID: IATYSRPA

DSECT name: SRPADSCT

Owning component: JES3 (SC1BA)

Eye-catcher ID: SRPA
Offset: 0
Length: 4

Storage attributes: Auxiliary Storage: N/A
Subpool: JESPOOL
Key: 1

Size: SRPALEN

Created by: IATINM3
IATMSR1
IATMSR2
IATMSR3

Pointed to by: N/A

Serialization: None.

Function: This macro provides a mapping of the parameters and data areas used to pass information to IATSSRN.

IATYSRPA mapping

Table 677. Structure SRPADSCT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SRPADSCT	
Fields used for parameter passing to IATSSRN.					
0	(0)	SIGNED	4	SRPAID	Eye-catcher
4	(4)	ADDRESS	4	SRPAOMPC	Pointer to the old MPC
8	(8)	ADDRESS	4	SRPANMPC	Pointer to the new NAME
12	(C)	BITSTRING	1	SRPAINDX	Processing required
Definition of SRPAINDX:					
12	(C)	X'4'	0	SRPAMBRS	"4" Reset 'Mailbox created' in all DEST queue entries
12	(C)	X'8'	0	SRPAIPLD	"8" Set STAIPLD in all STARs
12	(C)	X'C'	0	SRPAMBDL	"12" Delete DEST Q mailboxes
12	(C)	X'10'	0	SRPADSIR	"16" Requeue STARs on DSI
12	(C)	X'10'	0	SRPAINMX	"16" Maximum index value
13	(D)	BITSTRING	1	SRPARSVS(3)	Reserved for service

Table 677. Structure SRPADSCT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		Fields used by IATSSRN as work areas.			
16	(10)	ADDRESS	4	SRPADSQA	Dest queue entry pointer save area
20	(14)	ADDRESS	4	SRPADYNX	Address of next dynamic destination queue extension
24	(18)	SIGNED	4	SRPA14SV	R14 save area
28	(1C)	SIGNED	4	SRPAFSID(0)	FSS/FSA id build area
28	(1C)	SIGNED	2	SRPAFSS	FSS portion of the id
30	(1E)	SIGNED	2	SRPAFSA	FSA portion of the id
32	(20)	SIGNED	4	SRPAFSTK	FSS token work area
36	(24)	CHARACTER	16	SRPAOMBN	Old global's member name
52	(34)	CHARACTER	16	SRPANMBN	New global's member name
		GMS mailbox name build area.			
68	(44)	CHARACTER	16	SRPAGMBX(0)	Mailbox name for GMS DestQ
68	(44)	CHARACTER	8		Prefix for name (SYSJESMS)
76	(4C)	CHARACTER	8	SRPAGMNM	Main name
		List forms of macros used by IATSSRN. MACDATE -93/05/10-<1>			
84	(54)	SIGNED	2	M00M0002(0)	IXZXIXMB-1
88	(58)	DBL WORD	8	SRPAIXMB(0)	++ IXZXIXMB PARM LIST
88	(58)	BITSTRING	1	SRPAIXMB_XVERSION	++ INPUT XVERSION
89	(59)	CHARACTER	6	SRPAIXMB_XEYECATCH	++ CONSTANT XEYECATCH
95	(5F)	CHARACTER	1	SRPAIXMB_XRSV0001	++ RESERVED XRSV0001
96	(60)	CHARACTER	16	SRPAIXMB_XMBOXNAME	++ XMBOXNAME
112	(70)	ADDRESS	4	SRPAIXMB_XPOSTXIT	++ XPOSTXIT
116	(74)	ADDRESS	4	SRPAIXMB_XPOSTDATA	++ XPOSTDATA
120	(78)	SIGNED	4	SRPAIXMB_XPOSTALET	++ XPOSTALET
124	(7C)	SIGNED	4	SRPAIXMB_XGROUPTOKEN	++ XGROUPTOKEN
128	(80)	BITSTRING	1	SRPAIXMB_XSYSEVENTS	++ FIELD_LABEL
		1...		SRPAIXMB_XSYSEVENT_YES	"B'10000000'" ++ XSYSEVENT.YES KEYWORD
		.1..		SRPAIXMB_XSYSEVENT_NO	"B'01000000'" ++ XSYSEVENT.NO KEYWORD
128	(80)	X'29'	0	SRPAIXMBL	"*-SRPAIXMB" ++ LENGTH OF PLIST
		IXZXIXMB-1 MACDATE -93/05/10-<1>			
130	(82)	SIGNED	2	M00M0005(0)	IXZXIXMD-1
136	(88)	DBL WORD	8	SRPAIXMD(0)	++ IXZXIXMD PARM LIST
136	(88)	BITSTRING	1	SRPAIXMD_XVERSION	++ INPUT XVERSION
137	(89)	CHARACTER	6	SRPAIXMD_XEYECATCH	++ CONSTANT XEYECATCH
143	(8F)	BITSTRING	1	SRPAIXMD_XSTB	++ INPUT
		1...		SRPAIXMD_XSTB_NO	"B'10000000'" ++ XSTB.NO KEYWORD
		.1..		SRPAIXMD_XSTB_YES	"B'01000000'" ++ XSTB.YES KEYWORD
144	(90)	CHARACTER	16	SRPAIXMD_XMBOXNAME	++ XMBOXNAME
160	(A0)	SIGNED	4	SRPAIXMD_XGROUPTOKEN	++ XGROUPTOKEN

Table 677. Structure SRPADSCT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
160	(A0)	X'1C'	0	SRPAIXMDL	"*-SRPAIXMD" ++ LENGTH OF PLIST
				IXZXIXMD-1	
		MACDATE -93/01/28-<1>			
164	(A4)	SIGNED	2	M00M0006(0)	IXZXIXRR-1
168	(A8)	DBL WORD	8	SRPAIXRR(0)	++ IXZXIXRR PARM LIST
168	(A8)	BITSTRING	1	SRPAIXRR_XVERSION	++ INPUT XVERSION
169	(A9)	CHARACTER	6	SRPAIXRR_XEYECATCH	++ CONSTANT XEYECATCH
175	(AF)	CHARACTER	1	SRPAIXRR_XRSV0001	++ RESERVED XRSV0001
176	(B0)	CHARACTER	16	SRPAIXRR_XFROMMEM	++ XFROMMEM
192	(C0)	CHARACTER	16	SRPAIXRR_XTOMEM	++ XTOMEM
208	(D0)	ADDRESS	4	SRPAIXRR_XEXIT	++ XEXIT
212	(D4)	SIGNED	4	SRPAIXRR_XGROUPTOKEN	++ XGROUPTOKEN
212	(D4)	X'30'	0	SRPAIXRRL	"*-SRPAIXRR" ++ LENGTH OF PLIST
				IXZXIXRR-1	
216	(D8)	DBL WORD	8	SRPAEND(0)	
216	(D8)	X'D8'	0	SRPALEN	"(SRPAEND-SRPADSCT)" Parameter area length

Table 678. Cross Reference for IATYSRPA

Name	Offset	Hex Tag
M00M0002	54	
M00M0005	82	
M00M0006	A4	
SRPADSCT	0	
SRPADSIR	C	10
SRPADSQA	10	
SRPADYNX	14	
SRPAEND	D8	
SRPAFSA	1E	
SRPAFSID	1C	
SRPAFSS	1C	
SRPAFSTK	20	
SRPAGMBX	44	
SRPAGMNM	4C	
SRPAID	0	
SRPAINDX	C	
SRPAINMX	C	10
SRPAIPLD	C	8
SRPAIXMB	58	
SRPAIXMB_XEYECATCH	59	
SRPAIXMB_XGROUPTOKEN	7C	
SRPAIXMB_XMBOXNAME	60	
SRPAIXMB_XPOSTALET	78	
SRPAIXMB_XPOSTDATA	74	

Table 678. Cross Reference for IATYSRPA (continued)

Name	Offset	Hex Tag
SRPAIXMB_XPOSTXIT	70	
SRPAIXMB_XRSV0001	5F	
SRPAIXMB_XSYSEVENT_NO	80	40
SRPAIXMB_XSYSEVENT_YES	80	80
SRPAIXMB_XSYSEVENTS	80	
SRPAIXMB_XVERSION	58	
SRPAIXMBL	80	29
SRPAIXMD	88	
SRPAIXMD_XEYECATCH	89	
SRPAIXMD_XGROUPTOKEN	A0	
SRPAIXMD_XMBOXNAME	90	
SRPAIXMD_XSTB	8F	
SRPAIXMD_XSTB_NO	8F	80
SRPAIXMD_XSTB_YES	8F	40
SRPAIXMD_XVERSION	88	
SRPAIXMDL	A0	1C
SRPAIXRR	A8	
SRPAIXRR_XEXIT	D0	
SRPAIXRR_XEYECATCH	A9	
SRPAIXRR_XFROMMEM	B0	
SRPAIXRR_XGROUPTOKEN	D4	
SRPAIXRR_XRSV0001	AF	
SRPAIXRR_XTOMEM	C0	
SRPAIXRR_XVERSION	A8	
SRPAIXRRL	D4	30
SRPALEN	D8	D8
SRPAMBDL	C	C
SRPAMBRS	C	4
SRPANMBN	34	
SRPANMPC	8	
SRPAOMBN	24	
SRPAOMPC	4	
SRPARSVS	D	
SRPA14SV	18	

IATYSRS information

IATYSRS programming interface information

The following fields are **NOT** programming interface information:

- SRSMCTCH
- SRSMMCT
- SRSSAR

IATYSRS heading information

Common name:	MDSSRS (MDS SYSTEM RESOURCE SCHEDULING) DATA AREA (SRS)
Macro ID:	IATYSRS
DSECT name:	IATYSRS
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Main Storage: JES3 Private Area (JESPOOL) Auxiliary Storage: N/A
Size:	312 Bytes
Created by:	ALOADED BY IATINMD
Pointed to by:	TVTMDSRD IN IATYTVT
Serialization:	NONE
Function:	Contains information needed by the MDSSRS FCT

IATYSRS mapping

Table 679. Structure IATYSRS

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATYSRS	
0	(0)	SIGNED	4	SRSSTART(0)	Start of the SRS
				SRSID IATYMOD BR=NO Identify the module JES3 MODULE ENTRY POINT IDENTIFIER 01 Change Activity: $SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0	
0	(0)	CHARACTER	8	SRSID	MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM
36	(24)	ADDRESS	4	SRSFCT	MDSSRS FCT
				MDSSRS Queues and Addresses	
40	(28)	ADDRESS	4	SRSSELQ	Start of the MDS System Select queue
44	(2C)	ADDRESS	4	SRSVFYQ	Start of the MDS System Verify queue
48	(30)	ADDRESS	4	SRSMMCT	MCT for the master MDS subtask
52	(34)	ADDRESS	4	SRSMCTCH	Start of the MCT chain (does not include master MCT)
56	(38)	ADDRESS	4	SRSSAR	Address of the SMS Available Resource Chain
60	(3C)	ADDRESS	4	SRSCURRQ	Current RESQUEUE
				MDSSRS FCT ECF	
64	(40)	BITSTRING	1	SRSECF	MDSSRS FCT ECF
				Definition of SRSECF NOTE: The flags defined in SRSECF must be serialized using the compare and swap instruction	
		1...		SRSSSEL	"X'80'" A job has been placed on the MDS System Select queue

Table 679. Structure IATYSRS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.1..		SRSSVER	"X'40'" A job has been placed on the MDS System Verify queue
		..1.		SRSSTCMP	"X'20'" An MDS subtask has completed processing
		...1		SRSSTABN	"X'10'" An MDS subtask has abended
		.... 1...		SRSCNRST	"X'08'" Operator command entered to cancel a job being processed by MDSSRS
		.... .1..		SRSECF04	"X'04'" Reserved
		.... ..1.		SRSECF02	"X'02'" Reserved
		1		SRSECF01	"X'01'" Reserved
65	(41)	BITSTRING	3	SRSRSVDD	Reserved for Development
The MDSSRS FCT has another ECF. SVTSMFCT in SVTFLAGJ in IATYSVT is posted when an SMS resource becomes available MDSSRS FCT ECFLIST					
68	(44)	SIGNED	4	SRSECLST(0)	MDSSRS FCT ECFLIST
68	(44)	ADDRESS	4	SRSECFA1	Address of SRS ECF in IATYSRS
72	(48)	SIGNED	4	SRSECFM1	ECF mask of SRS ECF in
72	(48)	X'4B'	0	SRSMASK1	"SRSECFM1+3,1" IATYSRS in low order byte, zeros elsewhere
76	(4C)	ADDRESS	4	SRSECFA2	Address of SRS ECF in IATYSVT
80	(50)	SIGNED	4	SRSECFM2	ECF mask of SRS ECF in
80	(50)	X'53'	0	SRSMASK2	"SRSECFM2+3,1" IATYSVT in low order byte, zeros elsewhere
84	(54)	SIGNED	4	SRSLSTTM	ECFLIST terminator
MDSSRS Data Area Flags					
88	(58)	BITSTRING	1	SRSFLG1	MDSSRS Data Area Flag One
Definition of SRSFLG1					
		1...		SRSRTRYE	"X'80'" The MDSSRS JESTAE retry routine has been entered
		.1..		SRSNOTAP	"X'40'" FAILDSP dump code was DM045 (RESQUEUE management error) - Do not issue the RQTAPUT macro
		..1.		SRSWKSAR	"X'20'" Working with SARs
		...1		SRSRQSCN	"X'10'" System Select/Verify Queue scanning
		.... 1...		SRSFL108	"X'08'" Reserved Flag
		.... .1..		SRSFL104	"X'04'" Reserved Flag
		.... ..1.		SRSFL102	"X'02'" Reserved Flag
		1		SRSFL101	"X'01'" Reserved Flag
89	(59)	BITSTRING	1	SRSFLG2	MDSSRS Data Area Flag Two
Definition of SRSFLG2					
		1...		SRS1ST	"X'80'" Dechained first SCHRE
		.1..		SRSDCHN	"X'40'" Resource dechained
		..1.		SRSENDG	"X'20'" End of group found
		...1		SRSGRP	"X'10'" Search is in group

Table 679. Structure IATYSRS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		SRSDONE	"X'08'" RQ processing done
		.... .1..		SRSJEST	"X'04'" Jestae entered before
		.... ..1.		SRSFREE	"X'02'" Release all jobs
		1		SRSPOST	"X'01'" Post IATMDSR
90	(5A)	BITSTRING	1	SRSFLG3	MDSSRS Data Area Flag Three
	Definition of SRSFLG3				
		1...		SRSFL380	"X'80'" Reserved Flag
		.1..		SRSFL340	"X'40'" Reserved Flag
		..1.		SRSFL320	"X'20'" Reserved Flag
		...1		SRSFL310	"X'10'" Reserved Flag
		.... 1...		SRSFL308	"X'08'" Reserved Flag
		.... .1..		SRSFL304	"X'04'" Reserved Flag
		.... ..1.		SRSFL302	"X'02'" Reserved Flag
		1		SRSFL301	"X'01'" Reserved Flag
91	(5B)	BITSTRING	1	SRSMFOOT	Used to footprint IATMDRL
	Definition of SRSMFOOT				
		1...		SRSFRSAR	"X'80'" In FREE_SAR routine
		.1..		SRSFRALL	"X'40'" In FREE_ALL routine
		..1.		SRSPRSRL	"X'20'" In DO_SCHRL routine
		...1		SRSCHSAR	"X'10'" In CHEK_SAR routine
		.... 1...		SRSSRLER	"X'08'" SCHRL ptr error
		.... .1..		SRSSARER	"X'04'" SAR ptr error
		.... ..1.		SRSMF02	"X'02'" Reserved Flag
		1		SRSMF01	"X'01'" Reserved Flag
92	(5C)	BITSTRING	4	SRSFLRSD	Reserved for Development
	MDSSRS Module Entry Point Addresses				
96	(60)	ADDRESS	4	SRSMDAT	Entry point addr of IATMDAT
100	(64)	ADDRESS	4	SRSMDRL	Entry point addr of IATMDRL
	MDSSRS FCT Attach/Detach Work Area				
104	(68)	SIGNED	4	SRSAVJNS	The average number of jobs on the MDS System Select and MDS System Verify queues that need an MDS subtask
108	(6C)	SIGNED	2	SRSATTCT	The number of MDS subtasks that may be attached
110	(6E)	SIGNED	2	SRSATRSD	Reserved for Development
	Because the STORE CLOCK instruction will be used by the MDSSRS DSP, the following doublewords are given below. However, only the first word will be used in calculations, as this will provide sufficient accuracy for our purposes.				
112	(70)	DBL WORD	8	SRSATTIM	The time of the last MDS subtask ATTACH
112	(70)	X'70'	0	SRSATMW1	"SRSATTIM,4" First word of SRSATTIM

Table 679. Structure IATYSRS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
120	(78)	DBL WORD	8	SRSDETTM	The time the MCT chain was last scanned to determine whether any MDS subtasks need to be detached
120	(78)	X'78'	0	SRSDTMW1	"SRSDETTM,4" First word of SRSDETTM
128	(80)	DBL WORD	8	SRSCURTM	Current time (from STCK)
128	(80)	X'80'	0	SRSCTMW1	"SRSCURTM,4" First word of SRSCURTM
		Save Areas (NOTE: A save area is required because IATMDSR issues the CPOOL macro with the DELETE parameter.)			
136	(88)	SIGNED	4	SRSSAVE(18)	Save area
208	(D0)	ADDRESS	4	SRSLINK1	Store Subroutine linkage reg
212	(D4)	ADDRESS	4	SRSLINK2	Store Subroutine linkage reg
216	(D8)	ADDRESS	4	SRSPREPT	Store previous schre pointer
220	(DC)	ADDRESS	4	SRSSCHPL	Store schre pointer
224	(E0)	ADDRESS	4	SRSABASE	Store base addr of resource array
228	(E4)	ADDRESS	4	SRSRQPTR	Store resqueue pointer
232	(E8)	ADDRESS	4	SRSBEGIN	Pointer to group beginning
236	(EC)	ADDRESS	4	SRSBEFOR	Ptr to element before group
240	(F0)	BITSTRING	1	SRSSTAT	Used to hold SAR new status
241	(F1)	BITSTRING	1	SRSRQNDX	Save Current RQINDEX
242	(F2)	BITSTRING	1	SRSTEMP	Used to hold SCHRE type
243	(F3)	BITSTRING	2	SRSSVRSD	Reserved for Development
		Parameter Lists MESSAGE Parameter List SRSMSGPL MESSAGE MF=L Message Parameter List $T6=z1.13.0 HJS7780 110309 PD0TN: z 1.13.0			
248	(F8)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
248	(F8)	ADDRESS	4	SRSMSGPL	Text Address
252	(FC)	BITSTRING	2		Destination Disp and Mask
254	(FE)	BITSTRING	1		ACTION flag
255	(FF)	ADDRESS	1		Options Flag
256	(100)	BITSTRING	2		Descriptor Codes
258	(102)	SIGNED	2		Reserved 2 Bytes
260	(104)	BITSTRING	17		Routing Codes
277	(115)	BITSTRING	1	(3)	Reserved
280	(118)	BITSTRING	1	(8)	Jobid
288	(120)	BITSTRING	1	(8)	Jobname
296	(128)	BITSTRING	1	(8)	Key
304	(130)	ADDRESS	4		CNDB Address 1
308	(134)	ADDRESS	4		CNDB Address 2
312	(138)	ADDRESS	4		CNDB Address 3
316	(13C)	ADDRESS	4		CNDB Address 4
320	(140)	ADDRESS	4		CNDB Address 5
324	(144)	ADDRESS	4		MLWO Address
		IATXDELY Parameter List			

Table 679. Structure IATYSRS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
328	(148)	DBL WORD	8	SRSXDELY(0)	IATXDELY Parameter List
328	(148)	ADDRESS	4		JQE address
332	(14C)	ADDRESS	4		RQ address
336	(150)	DBL WORD	8		Time stamp
344	(158)	ADDRESS	4		JCT address
348	(15C)	SIGNED	4	(2)	Reserved for IBM
	IATMDAT Parameter List				
356	(164)	BITSTRING	1	SRSMDPL	Parameter List passed to IATMDAT
	The DSECT for this parameter list appears in IATYMCT Messages				
368	(170)	ADDRESS	4	IAT5010	Address of IAT5010 message
372	(174)	ADDRESS	4	IAT5011	Address of IAT5011 message
376	(178)	ADDRESS	4	IAT5012	Address of IAT5012 message
380	(17C)	ADDRESS	4	IAT5014	Address of IAT5014 message
384	(180)	ADDRESS	4	IAT5015	Address of IAT5015 message
388	(184)	ADDRESS	4	IAT5016	Address of IAT5016 message
392	(188)	ADDRESS	4	IAT5018	Address of IAT5018 message
396	(18C)	ADDRESS	4	IAT5800S	Address of IAT5800 message
	MDSSRS Message Work Area				
400	(190)	BITSTRING	1	SRSMSGLN	Length of message
401	(191)	CHARACTER	119	SRSMSGTX	Text of message
	IAT5010 SYSTEM MANAGED RESOURCE STATUS HAS CHANGED				
520	(208)	ADDRESS	1	MSG5010	
521	(209)	CHARACTER	50	M5010ST	
521	(209)	X'23B'	0	M5010END	"*"
521	(209)	X'32'	0	MSG5010L	"M5010END-M5010ST"
	IAT5011 JOB jjj (jobid) RESTARTED THROUGH (SETUP|C/I) NOTE - IAT5011 is included in both IATYSRS and IATYMDS. Changes to the message text may be needed to be made in both macros.				
571	(23B)	ADDRESS	1	MSG5011	
572	(23C)	CHARACTER	12	M5011ST	
584	(248)	CHARACTER	8	M5011JNM	Job name
592	(250)	CHARACTER	2		
594	(252)	CHARACTER	8	M5011JID	Job id
602	(25A)	CHARACTER	20		
622	(26E)	CHARACTER	5	M5011FNC	Function
622	(26E)	X'273'	0	M5011END	"*"
622	(26E)	X'37'	0	MSG5011L	"M5011END-M5011ST"
627	(273)	CHARACTER	5	M5011SET	
632	(278)	CHARACTER	5	M5011CI	

Table 679. Structure IATYSRS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		IAT5012 RESOURCE REQUIREMENTS NOT CONSISTENT WITH CURRENT CONFIGURATION			
637	(27D)	ADDRESS	1	MSG5012	
638	(27E)	CHARACTER	50	M5012ST	
688	(2B0)	CHARACTER	21		
688	(2B0)	X'2C5'	0	M5012END	"*"
688	(2B0)	X'47'	0	MSG5012L	"M5012END-M5012ST"
		IAT5014 JOB jjj (jobid) NO PROCESSORS HAVE ACCESS TO BOTH MDS AND SMS RESOURCES			
709	(2C5)	ADDRESS	1	MSG5014	
710	(2C6)	CHARACTER	12	M5014ST	
722	(2D2)	CHARACTER	8	M5014JNM	Job name
730	(2DA)	CHARACTER	2		
732	(2DC)	CHARACTER	8	M5014JID	Job id
740	(2E4)	CHARACTER	48		
788	(314)	CHARACTER	9		
788	(314)	X'31D'	0	M5014END	"*"
788	(314)	X'57'	0	MSG5014L	"M5014END-M5014ST"
		IAT5015 JOB jjj (jobid) REFERENCES A VOLUME NOT FOUND IN ACTIVE SMS CONFIGURATION			
797	(31D)	ADDRESS	1	MSG5015	
798	(31E)	CHARACTER	12	M5015ST	
810	(32A)	CHARACTER	8	M5015JNM	Job name
818	(332)	CHARACTER	2		
820	(334)	CHARACTER	8	M5015JID	Job id
828	(33C)	CHARACTER	42		
870	(366)	CHARACTER	17		
870	(366)	X'377'	0	M5015END	"*"
		IAT5016 MDSSRS DRIVER UNRECOVERABLE ERROR - INVALID (MDS CONTROL TABLE (MCT) | RESQUEUE) CHAIN			
887	(377)	ADDRESS	1	MSG5016	
888	(378)	CHARACTER	52	M5016ST	
940	(3AC)	CHARACTER	29	M5016CHN	
940	(3AC)	X'3C9'	0	M5016END	"*"
940	(3AC)	X'51'	0	MSG5016L	"M5016END-M5016ST"
969	(3C9)	CHARACTER	29	M5016MCT	
998	(3E6)	CHARACTER	29	M5016RQ	
		IAT5018 JOB jjj (jobid) FAILED DUE TO MDS SUBTASK ABEND			
1027	(403)	ADDRESS	1	MSG5018	
1028	(404)	CHARACTER	12	M5018ST	
1040	(410)	CHARACTER	8	M5018JNM	Job name
1048	(418)	CHARACTER	2		

Table 679. Structure IATYSRS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1050	(41A)	CHARACTER	8	M5018JID	Job id
1058	(422)	CHARACTER	33		
1058	(422)	X'443'	0	M5018END	"*"
1058	(422)	X'3F'	0	MSG5018L	"M5018END-M5018ST"
		IAT5800 JOB jjj (jobid) PLACED ON (MDS ERROR | MDS BREAKDOWN) QUEUE BY (SYSTEM SELECT | SYSTEM VERIFY | SRS FAILSOFT) NOTE - IAT5800 is included in both IATYSRS and IATYMDS. Changes to the message text may be needed to be made in both macros.			
1091	(443)	ADDRESS	1	MSG5800S	
1092	(444)	CHARACTER	12	M5800ST	
1104	(450)	CHARACTER	8	M5800JNM	Job name
1112	(458)	CHARACTER	2		
1114	(45A)	CHARACTER	8	M5800JID	Job id
1122	(462)	CHARACTER	12		
1134	(46E)	CHARACTER	13	M5800QNM	Queue name
1147	(47B)	CHARACTER	10		
1157	(485)	CHARACTER	13	M5800FCN	MDSSRS function
1157	(485)	X'492'	0	M5800END	"*"
1157	(485)	X'4E'	0	MSG5800L	"M5800END-M5800ST"
1170	(492)	CHARACTER	13	M5800ERR	
1183	(49F)	CHARACTER	13	M5800BRK	
1196	(4AC)	CHARACTER	13	M5800SS	
1209	(4B9)	CHARACTER	13	M5800SV	
1222	(4C6)	CHARACTER	13	M5800SF	
		Equates			
1222	(4C6)	X'2'	0	SRSWTFCT	"2" The weighting factor for the MDSSRS FCT (used in determining the number of MDS subtasks that may be attached)
1222	(4C6)	X'5'	0	SRSINMBR	"5" Initial number of MDS subtasks to attach
1222	(4C6)	X'A'	0	SRSMAXAT	"10" The maximum number of MDS subtasks that may be attached
		DM420 Reason Codes 0			
1222	(4C6)	X'1'	0	SRSMTAFL	"1" Master Task Attach Failure 0108
1222	(4C6)	X'2'	0	SRSINMPC	"2" Sub Task Attach Failure 0108
1222	(4C6)	X'3'	0	SRSSTAFL	"3" Invalid MPC Pointer 0108
1222	(4C6)	X'4'	0	SRSINMCT	"4" Invalid MCT Pointer 0231
1222	(4C6)	X'5'	0	SRSINSAR	"5" Invalid SAR Pointer 0108
1222	(4C6)	X'6'	0	SRSINSCH	"6" Invalid SCHRL Pointer 0108
1222	(4C6)	X'7'	0	SRSINRQ	"7" Invalid RQ Pointer 0108
1222	(4C6)	X'8'	0	SRSNLSHR	"8" IATMDRL found the end of a SCHRE chain without finding the last SCHRE in a group

Table 679. Structure IATYSRS (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
					The MDSSRS DSP references various amounts of time, given below. The numbers appearing in the expressions are as follows: - The first factor = the number of minutes desired - The second factor = 60 = the number of seconds in one minute - The third and fourth factors are a result of bit position 31 of the clock being incremented once every 1.048576 seconds (see STORE CLOCK instruction) The expressions are used in determining amounts of time that has elapsed. Results will be sufficiently accurate for our purposes.
1222	(4C6)	X'35A'	0	SRSATMIN	"15*60*1000000/1048576" The minimum amount of time that must elapse in order to change the number of additional MDS subtasks that may be attached (= 15 minutes)
1222	(4C6)	X'6B4'	0	SRSDTMIN	"30*60*1000000/1048576" The minimum amount of time used in determining whether to detach any MDS subtasks (= 30 minutes)
1222	(4C6)	X'6B4'	0	SRSUSMIN	"30*60*1000000/1048576" The minimum amount of time used in determining whether an MDS subtask finished its work recently (= 30 minutes)
1236	(4D4)	SIGNED	4	SRSEND(0)	End of MDSSRS Data Area
1236	(4D4)	X'4D4'	0	SRSSIZE	"SRSEND-SRSSTART" Size of MDSSRS Data Area

Table 680. Cross Reference for IATYSRS

Name	Offset	Hex Tag
IATYSRS	0	
IAT5010	170	
IAT5011	174	
IAT5012	178	
IAT5014	17C	
IAT5015	180	
IAT5016	184	
IAT5018	188	
IAT5800S	18C	
MSG5010	208	
MSG5010L	209	32
MSG5011	23B	
MSG5011L	26E	37
MSG5012	27D	
MSG5012L	2B0	47
MSG5014	2C5	
MSG5014L	314	57
MSG5015	31D	
MSG5016	377	
MSG5016L	3AC	51
MSG5018	403	
MSG5018L	422	3F
MSG5800L	485	4E

Table 680. Cross Reference for IATYSRS (continued)

Name	Offset	Hex Tag
MSG5800S	443	
M5010END	209	23B
M5010ST	209	C9C1E3F5
M5011CI	278	C361C940
M5011END	26E	273
M5011FNC	26E	40404040
M5011JID	252	40404040
M5011JNM	248	40404040
M5011SET	273	E2C5E3E4
M5011ST	23C	C9C1E3F5
M5012END	2B0	2C5
M5012ST	27E	C9C1E3F5
M5014END	314	31D
M5014JID	2DC	40404040
M5014JNM	2D2	40404040
M5014ST	2C6	C9C1E3F5
M5015END	366	377
M5015JID	334	40404040
M5015JNM	32A	40404040
M5015ST	31E	C9C1E3F5
M5016CHN	3AC	40404040
M5016END	3AC	3C9
M5016MCT	3C9	D4C4E240
M5016RQ	3E6	D9C5E2D8
M5016ST	378	C9C1E3F5
M5018END	422	443
M5018JID	41A	40404040
M5018JNM	410	40404040
M5018ST	404	C9C1E3F5
M5800BRK	49F	D4C4E240
M5800END	485	492
M5800ERR	492	D4C4E240
M5800FCN	485	40404040
M5800JID	45A	40404040
M5800JNM	450	40404040
M5800QNM	46E	40404040
M5800SF	4C6	E2D9E240
M5800SS	4AC	E2E8E2E3
M5800ST	444	C9C1E3F5
M5800SV	4B9	E2E8E2E3
SRSABASE	E0	
SRSATMIN	4C6	35A
SRSATMW1	70	70
SRSATRSD	6E	0
SRSATTCT	6C	0
SRSATTIM	70	0

Table 680. Cross Reference for IATYSRS (continued)

Name	Offset	Hex Tag
SRSAVJNS	68	0
SRSBEFOR	EC	
SRSBEGIN	E8	
SRSCHSAR	5B	10
SRSCNRST	40	8
SRSCTMW1	80	80
SRSCURRQ	3C	
SRSCURTM	80	0
SRSDCHN	59	40
SRSDETTM	78	0
SRSDONE	59	8
SRSDTMIN	4C6	6B4
SRSDTMW1	78	78
SRSECF	40	0
SRSECFA1	44	
SRSECFA2	4C	
SRSECFM1	48	0
SRSECFM2	50	0
SRSECF01	40	1
SRSECF02	40	2
SRSECF04	40	4
SRSECLST	44	
SRSEND	4D4	
SRSENDG	59	20
SRSFCT	24	
SRSFLG1	58	0
SRSFLG2	59	0
SRSFLG3	5A	0
SRSFLRSD	5C	0
SRSFL101	58	1
SRSFL102	58	2
SRSFL104	58	4
SRSFL108	58	8
SRSFL301	5A	1
SRSFL302	5A	2
SRSFL304	5A	4
SRSFL308	5A	8
SRSFL310	5A	10
SRSFL320	5A	20
SRSFL340	5A	40
SRSFL380	5A	80
SRSFRALL	5B	40
SRSFREE	59	2
SRSFRSAR	5B	80
SRSGRP	59	10
SRSID	0	C9C1E3D4

Table 680. Cross Reference for IATYSRS (continued)

Name	Offset	Hex Tag
SRSINMBR	4C6	5
SRSINMCT	4C6	4
SRSINMPC	4C6	2
SRSINRQ	4C6	7
SRSINSAR	4C6	5
SRSINSCH	4C6	6
SRSJEST	59	4
SRSLINK1	D0	
SRSLINK2	D4	
SRSLSTTM	54	FFFFFFFF
SRSMASK1	48	4B
SRSMASK2	50	53
SRSMAXAT	4C6	A
SRSMCTCH	34	
SRSMDAT	60	
SRSMDPL	164	0
SRSMDRL	64	
SRSMFOOT	5B	0
SRSMF01	5B	1
SRSMF02	5B	2
SRSMMCT	30	
SRSMSGLN	190	0
SRSMSGPL	F8	
SRSMSGTX	191	40404040
SRSMTAFL	4C6	1
SRSNLSHR	4C6	8
SRSNOTAP	58	40
SRSPOST	59	1
SRSPREPT	D8	
SRSPRSRL	5B	20
SRSRQNDX	F1	0
SRSRQPTR	E4	
SRSRQSCN	58	10
SRSRSVDD	41	0
SRSRTRYE	58	80
SRSSAR	38	
SRSSARER	5B	4
SRSSAVE	88	0
SRSSCHPL	DC	
SRSSELQ	28	
SRSSIZE	4D4	4D4
SRSSRLER	5B	8
SRSSSEL	40	80
SRSSTABN	40	10
SRSSTAFL	4C6	3
SRSSTART	0	

Table 680. Cross Reference for IATYSRS (continued)

Name	Offset	Hex Tag
SRSSTAT	F0	0
SRSSTCMP	40	20
SRSSVER	40	40
SRSSVRSD	F3	0
SRSTEMP	F2	0
SRSUSMIN	4C6	6B4
SRSVFYQ	2C	
SRSWKSAR	58	20
SRSWTFCT	4C6	2
SRSXDELY	148	
SRS1ST	59	80

Appendix A. Accessibility

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If you experience difficulty with the accessibility of any z/OS information, send a detailed message to the Contact the z/OS team web page (www.ibm.com/systems/campaignmail/z/zos/contact_z) or use the following mailing address.

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Accessibility features

Accessibility features help users who have physical disabilities such as restricted mobility or limited vision use software products successfully. The accessibility features in z/OS can help users do the following tasks:

- Run assistive technology such as screen readers and screen magnifier software.
- Operate specific or equivalent features by using the keyboard.
- Customize display attributes such as color, contrast, and font size.

Consult assistive technologies

Assistive technology products such as screen readers function with the user interfaces found in z/OS. Consult the product information for the specific assistive technology product that is used to access z/OS interfaces.

Keyboard navigation of the user interface

You can access z/OS user interfaces with TSO/E or ISPF. The following information describes how to use TSO/E and ISPF, including the use of keyboard shortcuts and function keys (PF keys). Each guide includes the default settings for the PF keys.

- *z/OS TSO/E Primer*
- *z/OS TSO/E User's Guide*
- *z/OS ISPF User's Guide Vol I*

Dotted decimal syntax diagrams

Syntax diagrams are provided in dotted decimal format for users who access IBM Documentation with a screen reader. In dotted decimal format, each syntax element is written on a separate line. If two or more syntax elements are always present together (or always absent together), they can appear on the same line because they are considered a single compound syntax element.

Each line starts with a dotted decimal number; for example, 3 or `3.1` or `3.1.1`. To hear these numbers correctly, make sure that the screen reader is set to read out punctuation. All the syntax elements that have the same dotted decimal number (for example, all the syntax elements that have the number `3.1`)

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are mutually exclusive alternatives. If you hear the lines `3.1 USERID` and `3.1 SYSTEMID`, your syntax can include either `USERID` or `SYSTEMID`, but not both.

The dotted decimal numbering level denotes the level of nesting. For example, if a syntax element with dotted decimal number 3 is followed by a series of syntax elements with dotted decimal number 3.1, all the syntax elements numbered 3.1 are subordinate to the syntax element numbered 3.

Certain words and symbols are used next to the dotted decimal numbers to add information about the syntax elements. Occasionally, these words and symbols might occur at the beginning of the element itself. For ease of identification, if the word or symbol is a part of the syntax element, it is preceded by the backslash (\) character. The `*` symbol is placed next to a dotted decimal number to indicate that the syntax element repeats. For example, syntax element `*FILE` with dotted decimal number 3 is given the format `3 \* FILE`. Format `3* FILE` indicates that syntax element `FILE` repeats. Format `3* \* FILE` indicates that syntax element `* FILE` repeats.

Characters such as commas, which are used to separate a string of syntax elements, are shown in the syntax just before the items they separate. These characters can appear on the same line as each item, or on a separate line with the same dotted decimal number as the relevant items. The line can also show another symbol to provide information about the syntax elements. For example, the lines `5.1*, 5.1 LASTRUN, and 5.1 DELETE` mean that if you use more than one of the `LASTRUN` and `DELETE` syntax elements, the elements must be separated by a comma. If no separator is given, assume that you use a blank to separate each syntax element.

If a syntax element is preceded by the % symbol, it indicates a reference that is defined elsewhere. The string that follows the % symbol is the name of a syntax fragment rather than a literal. For example, the line `2.1 %OP1` means that you must refer to separate syntax fragment OP1.

The following symbols are used next to the dotted decimal numbers.

? indicates an optional syntax element

The question mark (?) symbol indicates an optional syntax element. A dotted decimal number followed by the question mark symbol (?) indicates that all the syntax elements with a corresponding dotted decimal number, and any subordinate syntax elements, are optional. If there is only one syntax element with a dotted decimal number, the ? symbol is displayed on the same line as the syntax element, (for example `5? NOTIFY`). If there is more than one syntax element with a dotted decimal number, the ? symbol is displayed on a line by itself, followed by the syntax elements that are optional. For example, if you hear the lines `5 ?, 5 NOTIFY`, and `5 UPDATE`, you know that the syntax elements `NOTIFY` and `UPDATE` are optional. That is, you can choose one or none of them. The ? symbol is equivalent to a bypass line in a railroad diagram.

! indicates a default syntax element

The exclamation mark (!) symbol indicates a default syntax element. A dotted decimal number followed by the `!` symbol and a syntax element indicate that the syntax element is the default option for all syntax elements that share the same dotted decimal number. Only one of the syntax elements that share the dotted decimal number can specify the ! symbol. For example, if you hear the lines `2? FILE, 2.1! (KEEP), and 2.1 (DELETE)`, you know that `(KEEP)` is the default option for the `FILE` keyword. In the example, if you include the `FILE` keyword, but do not specify an option, the default option KEEP is applied. A default option also applies to the next higher dotted decimal number. In this example, if the `FILE` keyword is omitted, the default `FILE(KEEP)` is used. However, if you hear the lines `2? FILE, 2.1, 2.1.1! (KEEP)`, and `2.1.1 (DELETE)`, the default option KEEP applies only to the next higher dotted decimal number, `2.1` (which does not have an associated keyword), and does not apply to `2? FILE`. Nothing is used if the keyword `FILE` is omitted.

*** indicates an optional syntax element that is repeatable**

The asterisk or glyph (*) symbol indicates a syntax element that can be repeated zero or more times. A dotted decimal number followed by the * symbol indicates that this syntax element can be used zero or more times; that is, it is optional and can be repeated. For example, if you hear the line `5.1* data area`, you know that you can include one data area, more than one data area, or no data area. If you hear the lines `3* , 3 HOST, 3 STATE`, you know that you can include `HOST, STATE`, both together, or nothing.

Notes:

1. If a dotted decimal number has an asterisk (*) next to it and there is only one item with that dotted decimal number, you can repeat that same item more than once.
2. If a dotted decimal number has an asterisk next to it and several items have that dotted decimal number, you can use more than one item from the list, but you cannot use the items more than once each. In the previous example, you can write `HOST STATE`, but you cannot write `HOST HOST`.
3. The `*` symbol is equivalent to a loopback line in a railroad syntax diagram.

+ indicates a syntax element that must be included

The plus (+) symbol indicates a syntax element that must be included at least once. A dotted decimal number followed by the + symbol indicates that the syntax element must be included one or more times. That is, it must be included at least once and can be repeated. For example, if you hear the line `6.1+ data area`, you must include at least one data area. If you hear the lines `2+, 2 HOST,` and `2 STATE`, you know that you must include `HOST, STATE,` or both. Similar to the `*` symbol, the + symbol can repeat a particular item if it is the only item with that dotted decimal number. The + symbol, like the `*` symbol, is equivalent to a loopback line in a railroad syntax diagram.

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