z/OS
2.5

JES3 Data Areas Volume 2 (IATYSRT - IATY8FB)

IBM

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Chapter 1. JES3 data areas

This topic describes the JES3 data areas IATYSRT - IATY8FB.

IATYSRT information

IATYSRT programming interface information

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

- SRTCTE
- SRTLPFQ
- SRTWPFQ

IATYSRT heading information

Common name:	RESIDENT SNARJP TABLE
Macro ID:	IATYSRT
DSECT name:	IATYSRT, IATYCID
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	SRT Offset: 0 Length: 4
Storage attributes:	Virtual Storage: Private any Subpool: 0 Key: 1 Data Space: None Residency: Any
Size:	128 Bytes
Created by:	IATINGN
Pointed to by:	SRJPSRT IN IATYTVT
Serialization:	Queue header require COMPARE and SWAP logic
Function:	This DSECT is to map the resident information necessary to control the SNARJP DSP. This table is built by initialization deck processing and is resident when SNARJP is defined. Information contained in this table is updated by the SNARJP DSP during it's execution.

IATYSRT mapping

Table 1. Structure IATYSRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATYSRT	
0	(0)	CHARACTER	4	SRTCBID	CONTROL BLOCK ID
4	(4)	CHARACTER	8	SRTAPLID	APPLICATION ID FOR OPEN ACB
12	(C)	CHARACTER	8	SRTPSWD	PASSWORD FOR OPEN ACB
20	(14)	CHARACTER	8	SRTCTBN	DEFAULT CTAB NAME FOR ALL SNARJP
28	(1C)	ADDRESS	4	SRTCTE	ADDRESS OF FIRST CTE
32	(20)	ADDRESS	4	SRTCIDU	ADDRESS OF CID TO LCB TABLE
36	(24)	SIGNED	2	SRTCIDUC	NUMBER OF ENTRIES IN CID TO LCB TAB

Table 1. Structure IATYSRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		THE SIZE OF THE CID TO LCB TAB=SRTCIDUC CIDLEN			
38	(26)	SIGNED	2	SRTRESSV	RESERVED FOR SERVICE
		THIS IS INITIALIZED AT SNARJP CALL TIME			
40	(28)	ADDRESS	4	SRTSRDC	POINTER TO SNA RJP DATA CSECT
		THE FOLLOWING FIELDS ARE QUEUE HEADERS (ALSO CALLED ANCHORS) FOR THE SNA RJP WORK QUEUES AND ARE UPDATED AS NECESSARY.			
44	(2C)	ADDRESS	4	SRTOUTM	QUEUE HEADER OF LCB'S WHICH HAVE MESSAGES TO SEND TO REMOTE WS. (CONT. FIELD IS LCBOUTM)
48	(30)	ADDRESS	4	SRTMSG	QUEUE HEADER OF MESSAGES TO BE SENT TO LOCAL OPER CONSOLE (CONT. FIELD IS QMSCHN)
52	(34)	ADDRESS	4	SRTINCD	QUEUE HEADER OF LCB'S WHICH HAVE INBOUND CONSL. COMMANDS TO PROCESS (CONT. FIELD IS LCBINCD)
56	(38)	ADDRESS	4	SRTRDRS	QUEUE HEADER OF LCB'S WHICH NEED A CALL READER COMMAND INTERCOMMED (CONT. FIELD IS LCBRDRS)
60	(3C)	ADDRESS	4	SRTTERM	QUEUE HEADER OF LCB'S WHICH CLSDST PROCESSING TO BE DONE (CONT. FIELD IS LCBTERM)
64	(40)	ADDRESS	4	SRTRESET	QUEUE HEADER OF LCB'S WHICH RESET PROCESSING TO BE DONE (CONT. FIELD IS LCBRESET)
68	(44)	ADDRESS	4	SRTFRCB	QUEUE HEADER OF LCB'S WHICH NEED "REMOVE CONTROL BLOCKS" PROCESSING (CONT. FIELD IS LCBFRCB)
72	(48)	ADDRESS	4	SRTWSOPN	QUEUE HEADER OF LCB'S WHICH NEED WS OPEN ISSUED FOR CONSOLE OUT DVE (CONT. FIELD IS LCBWSOPN)
76	(4C)	ADDRESS	4	SRTWSCHN	QUEUE HEADER FOR CHAIN OF ALL WSBS (CONT. FIELD IS WSBWSCHN)
80	(50)	ADDRESS	4	SRTWSBWQ	Q OF WSB'S WAITING FOR RESOURCE CLEANUP BEFORE THE WSB CAN BE FREED. ALL WSB'S WHICH STILL HAVE DEVICES ALLOCATED TO DSP'S ARE PUT ON THIS QUEUE TO WAIT FOR THE PUTUNIT'S. ALSO, THE WSB'S FOR ALL WORKSTATIONS THAT ARE CANCELED IMMEDIATE ARE PLACED ON THIS QUEUE TO WAIT FOR ALL ACTIVE SESSIONS (LCBS'S) TO BE TERMINATED. (CONT. FIELD IS WSBWQ)
84	(54)	ADDRESS	4	SRTCMNDQ	CHAIN OF COMMANDS TO BE INTERCOMMED TO JES3 FROM DFC (CONT. FIELD IS CMDNXT)
88	(58)	ADDRESS	4	SRTLPFQ	LCB PENDING FREE QUEUE (CONT. FIELD IS LCBLPFQ)
92	(5C)	ADDRESS	4	SRTWPFQ	WSB PENDING FREE QUEUE (CONT. FIELD IS WSBWPFQ)
		---END OF LIST OF QUEUE HEADERS---			
96	(60)	BITSTRING	1	SRTFLG1	FLAG BYTE
		DEFINITION OF SRTFLG1 THESE FLAGS SHOULD BE SET ONLY BY PROCESSING THAT RUNS UNDER THE IATNUC TASK. ALSO, THIS FLAG BYTE IS ALWAYS RESET TO ZERO WHEN SNARJP IS CALLED.			

Table 1. Structure IATYSRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		SRTCDLAY	"X'80'" CLSDST DELAY IS NEEDED
		.1..		SRTCWTNG	"X'40'" CLSDST IS BEING DELAYED
		..1.		SRTRMVTI	"X'20'" REMVCB TIME INTVL ACTIVE
97	(61)	BITSTRING	1	SRTRSVD1(3)	RESERVED FOR DEVELOPMENT
104	(68)	DBL WORD	8	(0)	
104	(68)	ADDRESS	4	SRTSCDQ	QUEUE HEADER FOR LCB WHICH HAVE HAD A SIGNAL RECEIVED
108	(6C)	SIGNED	4	SRTRSVU1	RESERVED FOR USER
112	(70)	ADDRESS	4	SRTTRQ	SNA TRACE TABLE FREE QUEUE THIS QUEUE IS NOT MANAGED VIA IATXENQ,IATXDEQ
116	(74)	SIGNED	4	SRTRSVS1	RESERVED FOR SERVICE
120	(78)	SIGNED	4	SRTFECF	ECF FOR FAIL SNARJP
		1...		SRTFPOST	"X'80'" MASK FOR ABOVE
124	(7C)	SIGNED	4	SRTSUBTK	SAVE AREA FOR SUBTASK ADDR
128	(80)	SIGNED	4	(0)	END OF SRT
128	(80)	X'80'	0	SRTLEN	"*-IATYSRT" LENGTH OF SRT

Table 2. Structure IATYCID

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATYCID	
		IATYCID - - C O M M U N I C A T I O N I D T O L C B T A B COMMUNICATIONS IDENTIFIER TO LUCB MAP TABLE ENTRY (SERIAL SEARCH) ENTRIES ARE ADDED WHEN A OPEN DEST COMPLETES AND REMOVE AT THE COMPLETION OF THE CLOSE DEST.			
0	(0)	SIGNED	4	CIDNETA	LU CID
4	(4)	SIGNED	4	CIDLCBA	LCB MAPPED TO THIS COMMUNICATION ID
4	(4)	X'8'	0	CIDLEN	"*-IATYCID" LENGTH OF ENTRY IN IATYCID

Table 3. Cross Reference for IATYSRT

Name	Offset	Hex Tag
CIDLCBA	4	
CIDLEN	4	8
CIDNETA	0	
IATYCID	0	
IATYSRT	0	
SRTAPLID	4	
SRTCBID	0	E2D9E340
SRTCDLAY	60	80
SRTCIDU	20	
SRTCIDUC	24	
SRTCMNDQ	54	
SRTCTBN	14	
SRTCTE	1C	
SRTCWTNG	60	40
SRTFECF	78	0
SRTFLG1	60	

Table 3. Cross Reference for IATYSRT (continued)

Name	Offset	Hex Tag
SRTFPOST	78	80
SRTFRCB	44	
SRTINCD	34	
SRTLEN	80	80
SRTLPFQ	58	
SRTMSG	30	
SRTOUTM	2C	
SRTPSWD	C	
SRTRDRS	38	
SRTRESET	40	
SRTRESSV	26	
SRTRMVTI	60	20
SRTRSVD1	61	
SRTRSVS1	74	
SRTRSVU1	6C	
SRTSCDQ	68	
SRTSRDC	28	
SRTSUBTK	7C	0
SRTTERM	3C	
SRTTRQ	70	
SRTWPFQ	5C	
SRTWSBWQ	50	
SRTWSCHN	4C	
SRTWSOPN	48	

IATYSRVC information

IATYSRVC heading information

Common name:	Service Class Table (SRVC)
Macro ID:	IATYSRVC
DSECT name:	SRVC_START
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	WLM Offset: 0 Length: 4
Storage attributes:	Main Storage: Any Subpool: 0 Key: 0
Size:	SRVC_SIZE bytes
Created by:	IATWLSCS
Pointed to by:	WLM_SRVCFRST in IATYWLM WLM_SRVCLAST in IATYWLM SRVC_NEXT in IATYSRVC
Serialization:	None
Function:	This macro maps the information associated with each service class known to JES3.

IATYSRVC mapping

Table 4. Structure SRVC_START

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SRVC_START	, Service Class Table
0	(0)	CHARACTER	4	SRVC_ID	Control Block Id
4	(4)	ADDRESS	4	SRVC_NEXT	Address of next Service Class Table
8	(8)	CHARACTER	16	SRVC_QTOKEN(0)	Service class queue token used for registration. It consists of the JESXCF group name plus the service class name.
8	(8)	CHARACTER	8	SRVC_JESXCFGN	JESXCF group name
16	(10)	CHARACTER	8	SRVC_NAME	Service class name
24	(18)	SIGNED	4	SRVC_INDEX	Service class matrix index
28	(1C)	SIGNED	4	SRVC_EXEC	Count of jobs in execution
32	(20)	BITSTRING	4	SRVC_RSVD1	Reserved for IBM
		Registration/Deregistration information.			
36	(24)	BITSTRING	8	SRVC_REGCODES(0)	IWMBREG return and reason code information
36	(24)	SIGNED	4	SRVC_REGRETC	Return code from IWMBREG
40	(28)	SIGNED	4	SRVC_REGRESN	Reason code from IWMBREG
44	(2C)	SIGNED	4	SRVC_RSVD2	Reserved for IBM
		Time stamps.			
48	(30)	DBL WORD	8	SRVC_CREATIME	Time stamp when the Service Class Table was created
56	(38)	DBL WORD	8	SRVC_REGTIME	Time stamp when the Service Class Table was last registered
64	(40)	DBL WORD	8	SRVC_EMTYTIME	Time stamp when there were no jobs found referencing the service class
		Queue pointers.			
72	(48)	ADDRESS	4	SRVC_QFIRST	Address of first RQ on the service class queue
76	(4C)	ADDRESS	4	SRVC_QLAST	Address of last RQ on the service class queue
		Main masks.			
80	(50)	SIGNED	4	SRVC_NINTMMSK	Main mask of systems where there are no initiators started for this service class
84	(54)	SIGNED	4	SRVC_BRIPMMSK	Main mask of systems to be included in the IWMBRIP request that will be used to start initiators
88	(58)	SIGNED	4	SRVC_CONSMMSK	Main mask of systems which are constrained
		Sampling information SYSPLEX wide sampling information for this service class.			
92	(5C)	BITSTRING	1	SRVC_PVSYSPLX	

Table 4. Structure SRVC_START (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
				SYSPLEX wide sampling information for the previous sampling interval	
104	(68)	BITSTRING	1	SRVC_CRSYSPLX	
				SYSPLEX wide sampling information for the current sampling interval	
104	(68)	X'68'	0	SRVC_CRPLXELG	"SRVC_CRSYSPLX+(WBQS_SYSPLEX_SC_ELIG-WBQS_SY SPLEX_SC"
				SYSPLEX eligible count for the current sampling interval	
0	(0)	X'6C'	0	SRVC_CRPLXINE	"SRVC_CRSYSPLX+ (WBQS_SYSPLEX_SC_INELIG-WBQS_ SYSPLEX_"
				SYSPLEX ineligible count for the current sampling interval	
0	(0)	X'70'	0	SRVC_CRPLXLMT	"SRVC_CRSYSPLX+ (WBQS_SYSPLEX_SC_LIMITED-WBQS _SYSPLEX"
				SYSPLEX limited count for the current sampling interval System specific sampling information for this service class.	
116	(74)	BITSTRING	384	SRVC_PVSYSTEM	System specific sampling information for the previous sampling interval
500	(1F4)	BITSTRING	1	SRVC_CRSYSTEM	System specific sampling information for the current sampling interval
		Job queue statistics for current sampling interval.			
884	(374)	SIGNED	4	SRVC_JQSTATS(0)	Sampling statistics
884	(374)	SIGNED	4	SRVC_MSWCOUNT	Number of jobs waiting to be scheduled for main service
888	(378)	SIGNED	4	SRVC_MDSCOUNT	Number of jobs in MDS
892	(37C)	SIGNED	4	SRVC_GMSCOUNT	Number of jobs in GMS select
		GMS select queue detailed statistics.			
896	(380)	SIGNED	4	SRVC_MNCOFFCT	Number of jobs ineligible because main is not connected or is offline
900	(384)	SIGNED	4	SRVC_GRPDISCT	Number of jobs ineligible because the group is disabled
904	(388)	SIGNED	4	SRVC_JOBHLDCT	Number of jobs ineligible because it is in operator hold
908	(38C)	SIGNED	4	SRVC_CLSDISCT	Number of jobs ineligible because the class is disabled
912	(390)	SIGNED	4	SRVC_SCHENVCT	Number of jobs ineligible because the scheduling environment is not available or undefined
916	(394)	SIGNED	4	SRVC_MSPARTCT	Number of jobs ineligible because a marginal spool space condition exists

Table 4. Structure SRVC_START (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
920	(398)	SIGNED	4	SRVC_TDEPTHCT	Number of jobs ineligible because the TDEPTH has been reached
924	(39C)	SIGNED	4	SRVC_TLIMITCT	Number of jobs ineligible because the TLIMIT has been reached
928	(3A0)	SIGNED	4	SRVC_MDEPTHCT	Number of jobs ineligible because the MDEPTH has been reached
932	(3A4)	SIGNED	4	SRVC_MLIMITCT	Number of jobs ineligible because the MLIMIT has been reached
932	(3A4)	X'34'	0	SRVC_JQSSIZE	"*-SRVC_JQSTATS" Size of statistics
		Flags Definition of SRVC_FLAG1			
936	(3A8)	BITSTRING	1	SRVC_FLAG1	Flag one
		1...		SRVC_REGOK	"X'80'" Registration successful for this service class
		.1..		SRVC_REGUNDEF	"X'40'" Registration failed because the service class is undefined in the current WLM policy
		..1.		SRVC_REGERR	"X'20'" Registration failed for this service class for some reason other than the service class being undefined in the WLM policy.
		...1		SRVC_CREAJOBQ	"X'10'" Service Class Table was created when IATXSRVC ADD_JOB_TO_QUEUE request was issued
		.... 1...		SRVC_DREGERR	"X'08'" Deregistration failed for this service class
		.... .1..		SRVC_SAMPDATA	"X'04'" This service class appeared in the sampling data. This flag is set only on local processors when sampling data is received from the global for a service class
		.... ..1.		SRVC_DUMMY	"X'02'" This is a dummy service class
		1		SRVC_REGERMSG	"X'01'" Registration error message was issued
		Definition of SRVC_FLAG2			
937	(3A9)	BITSTRING	1	SRVC_FLAG2	Flag two
		1...		SRVC_FLRS280	"X'80'" Reserved flag
		.1..		SRVC_FLRS240	"X'40'" Reserved flag
		..1.		SRVC_FLRS220	"X'20'" Reserved flag
		...1		SRVC_FLRS210	"X'10'" Reserved flag
		.... 1...		SRVC_FLRS208	"X'08'" Reserved flag
		.... .1..		SRVC_FLRS204	"X'04'" Reserved flag
		.... ..1.		SRVC_FLRS202	"X'02'" Reserved flag
		1		SRVC_FLRS201	"X'01'" Reserved flag
938	(3AA)	BITSTRING	2	SRVC_RSVD3	Reserved for IBM
		End of the SRVC.			
944	(3B0)	DBL WORD	8	SRVC_END(0)	End of SRVC
944	(3B0)	X'3B0'	0	SRVC_SIZE	"SRVC_END-SRVC_START" Size of SRVC
		Miscellaneous Equates.			

Table 4. Structure SRVC_START (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
944	(3B0)	X'100'	0	SRVC_MAXCNT	"256" Maximum number of service classes
944	(3B0)	X'3C'	0	SRVC_DREGMIN	"60" Number of minutes that a service class must not be in use before it can be deregistered
944	(3B0)	X'D69'	0	SRVC_DREGTIME	"SRVC_DREGMIN*60*100000/104857" Dregistration time in clock units

Table 5. Cross Reference for IATYSRVC

Name	Offset	Hex Tag
SRVC_BRIPMMSK	54	0
SRVC_CLSDISCT	38C	0
SRVC_CONSMMSK	58	0
SRVC_CREAJOBQ	3A8	10
SRVC_CREATIME	30	0
SRVC_CRPLXELG	68	68
SRVC_CRPLXINE	0	6C
SRVC_CRPLXLMT	0	70
SRVC_CRSYSPLX	68	0
SRVC_CRSYSTEM	1F4	
SRVC_DREGERR	3A8	8
SRVC_DREGMIN	3B0	3C
SRVC_DREGTIME	3B0	D69
SRVC_DUMMY	3A8	2
SRVC_EMTYTIME	40	0
SRVC_END	3B0	
SRVC_EXEC	1C	0
SRVC_FLAG1	3A8	0
SRVC_FLAG2	3A9	0
SRVC_FLRS201	3A9	1
SRVC_FLRS202	3A9	2
SRVC_FLRS204	3A9	4
SRVC_FLRS208	3A9	8
SRVC_FLRS210	3A9	10
SRVC_FLRS220	3A9	20
SRVC_FLRS240	3A9	40
SRVC_FLRS280	3A9	80
SRVC_GMSCOUNT	37C	0
SRVC_GRPDISCT	384	0
SRVC_ID	0	E2D9E5C3
SRVC_INDEX	18	0
SRVC_JESXCFGN	8	40404040
SRVC_JOBHLDCT	388	0
SRVC_JQSSIZE	3A4	34
SRVC_JQSTATS	374	
SRVC_MAXCNT	3B0	100
SRVC_MDEPTHCT	3A0	0

Table 5. Cross Reference for IATYSRVC (continued)

Name	Offset	Hex Tag
SRVC_MDSCOUNT	378	0
SRVC_MLIMITCT	3A4	0
SRVC_MNCOFFCT	380	0
SRVC_MSPARTCT	394	0
SRVC_MSWCOUNT	374	0
SRVC_NAME	10	40404040
SRVC_NEXT	4	
SRVC_NINTMMSK	50	0
SRVC_PVSYSPLX	5C	0
SRVC_PVSYSTEM	74	
SRVC_QFIRST	48	
SRVC_QLAST	4C	
SRVC_QTOKEN	8	
SRVC_REGCODES	24	
SRVC_REGERMSG	3A8	1
SRVC_REGERR	3A8	20
SRVC_REGOK	3A8	80
SRVC_REGRESN	28	0
SRVC_REGRETC	24	0
SRVC_REGTIME	38	0
SRVC_REGUNDEF	3A8	40
SRVC_RSVD1	20	0
SRVC_RSVD2	2C	0
SRVC_RSVD3	3AA	0
SRVC_SAMPDATA	3A8	4
SRVC_SCHENVCT	390	0
SRVC_SIZE	3B0	3B0
SRVC_START	0	
SRVC_TDEPTHCT	398	0
SRVC_TLIMITCT	39C	0

IATYSSBS information

IATYSSBS heading information

Common name:	Subsystem Begin Step data area
Macro ID:	IATYSSBS
DSECT name:	SSBSSTRT
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Auxiliary Storage: N/A Subpool: 0
Size:	SSBSSIZE
Created by:	IATSIBS
Pointed to by:	Staging area sent from IATSIBS Overlays AWAOBUF area in IATYAWA
Serialization:	NONE

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

IATYSSBS mapping

Table 6. Structure SSBSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SSBSTART	
0	(0)	SIGNED	2	SSBSLNG	Length of area
2	(2)	SIGNED	2	SSBSJNMC	Compatible job number, related to SSBSJNUM
4	(4)	BITSTRING	1	SSBSSNO	Step number
5	(5)	BITSTRING	1	SSBFLAG	Flag byte
		1...		SSBNOCAN	"X'80'" MVS non-cancellable
		.1..		SSBEXTPR	"X'40'" An extension is present
		..1.		SSBFLR20	"X'20'" Reserved for IBM
		...1		SSBFLR10	"X'10'" Reserved for IBM
		.... 1...		SSBFLR08	"X'08'" Reserved for IBM
		.... .1..		SSBFLR04	"X'04'" Reserved for IBM
		.... ..1.		SSBFLR02	"X'02'" Reserved for IBM
		1		SSBFLR01	"X'01'" Reserved for IBM
6	(6)	CHARACTER	8	SSBSJNAM	Job name
14	(E)	CHARACTER	8	SSBSSNM	Step name
22	(16)	CHARACTER	8	SSBSPSN	Procedure step name
22	(16)	X'1E'	0	SSBSBASL	"*-SSBSTART" Base size without extension
		SSBS Extension.			
30	(1E)	ADDRESS	1	SSBSVER	Version number
		1		SSBSVR01	"X'01'" Version number 1
30	(1E)	X'1'	0	SSBSCVER	"SSBSVR01" Current version
31	(1F)	ADDRESS	3	SSBSRSV1	Reserved for IBM
34	(22)	BITSTRING	4	SSBSJNUM	Extended job number
40	(28)	SIGNED	4	SSBSRSV2	Reserved for IBM
44	(2C)	SIGNED	4	SSBSRSV3	Reserved for IBM
48	(30)	SIGNED	4	SSBSRSV4	Reserved for IBM
52	(34)	SIGNED	4	SSBSRSV5	Reserved for IBM
		IEAMSCHD Parameter List.			
0	(0)	X'0'	0	M00M0002	"SIBSMSCH" ++ IEAMSCHD NAME
0	(0)	DBL WORD	8	SIBSMSCH(0)	++ IEAMSCHD PARM LIST
0	(0)	BITSTRING	1	SIBSMSCH_XVERSION	++ INPUT XVERSION
1	(1)	BITSTRING	1	SIBSMSCH_XFLAG1	++ FIELD_LABEL
		.... 1...		SIBSMSCH_XENV_STOKEN	"B'00001000'" ++ XENV.STOKEN KEYWORD
		.... .1..		SIBSMSCH_XENV_FULLXM	"B'00000100'" ++ XENV.FULLXM KEYWORD
		.... ..1.		SIBSMSCH_XENV_PRIMARY	"B'00000010'" ++ XENV.PRIMARY KEYWORD
		1		SIBSMSCH_XENV_HOME	"B'00000001'" ++ XENV.HOME KEYWORD
2	(2)	BITSTRING	1	SIBSMSCH_XFLAG2	++ FIELD_LABEL

Table 6. Structure SSBSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		SIBSMSCH_XTRANSFER_YES	"B'10000000'" ++ XTRANSFER.YES KEYWORD
		.1..		SIBSMSCH_KEYUSED_SRBIDTOKEN	
					"B'01000000'" ++ KEYUSED.SRBIDTOKEN KEYWORD
		..1.		SIBSMSCH_KEYUSED_DUALPOOLTOKEN	
					"B'00100000'" ++ KEYUSED.DUALPOOLTOKEN KEYWORD
		...1		SIBSMSCH_XSYNCH_YES	"B'00010000'" ++ XSYNCH.YES KEYWORD
		.... 1...		SIBSMSCH_KEYUSED_KEYVALUE	"B'00001000'" ++ KEYUSED.KEYVALUE KEYWORD
		.... .1..		SIBSMSCH_XLLOCK_YES	"B'00000100'" ++ XLLOCK.YES KEYWORD
		.... ..1.		SIBSMSCH_XFEATURE_CPMASK	"B'00000010'" ++ XFEATURE.CPMASK KEYWORD
		1		SIBSMSCH_XFEATURE_CRYPTO	"B'00000001'" ++ XFEATURE.CRYPTO KEYWORD
3	(3)	BITSTRING	1	SIBSMSCH_XFLAG3	++ FIELD_LABEL
		..1.		SIBSMSCH_XPRIORITY_CLIENT	"B'00100000'" ++ XPRIORITY.CLIENT KEYWORD
		...1		SIBSMSCH_XPRIORITY_ENCLAVE	"B'00010000'" ++ XPRIORITY.ENCLAVE KEYWORD
		.... 1...		SIBSMSCH_XPRIORITY_PREEMPT	"B'00001000'" ++ XPRIORITY.PREEMPT KEYWORD
		.... .1..		SIBSMSCH_XPRIORITY_CURRENT	"B'00000100'" ++ XPRIORITY.CURRENT KEYWORD
		.... ..1.		SIBSMSCH_XPRIORITY_GLOBAL	"B'00000010'" ++ XPRIORITY.GLOBAL KEYWORD
		1		SIBSMSCH_XPRIORITY_LOCAL	"B'00000001'" ++ XPRIORITY.LOCAL KEYWORD
4	(4)	ADDRESS	4	SIBSMSCH_XEPADDR	++
8	(8)	BITSTRING	8	SIBSMSCH_XTARGETSTOKEN	++
16	(10)	CHARACTER	8	SIBSMSCH_XENCLAVETOKEN	++
24	(18)	BITSTRING	1	SIBSMSCH_XMINORPRIORITY	++
25	(19)	BITSTRING	1	SIBSMSCH_XKEYVALUE	++
26	(1A)	BITSTRING	2	SIBSMSCH_XCPUMASK	++
28	(1C)	SIGNED	4	SIBSMSCH_XPARM	++
32	(20)	ADDRESS	4	SIBSMSCH_XFRRADDR	++
36	(24)	ADDRESS	4	SIBSMSCH_XRMTRADDR	++
40	(28)	BITSTRING	8	SIBSMSCH_XPURGESTOKEN	++
48	(30)	ADDRESS	4	SIBSMSCH_XPTCBADDR	++
52	(34)	BITSTRING	8	SIBSMSCH_XCLIENTSTOKEN	++
52	(34)	X'3C'	0	SIBSMSCH_PL_END	"*" ++ END OF BASE PLIST
32	(20)	CHARACTER	3	SIBSMSCH_XRSV0001	++ RESERVED
35	(23)	BITSTRING	1	SIBSMSCH_XFRRFLAG	++ FIELD_LABEL
		1		SIBSMSCH_XSDWALOC31_YES	"B'00000001'" ++ XSDWALOC31.YES KEYWORD
60	(3C)	X'3C'	0	SIBSMSCHL	"*-SIBSMSCH" ++ LENGTH OF PLIST

IEAMSCHD-4

End of data area.

| 60 | (3C) | X'3C' | 0 | SSBSEND | "*" End of SSBS |

Table 6. Structure SSBSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
60	(3C)	X'3C'	0	SSBSSIZE	"SSBSEND-SSBSTART" Size of SSBS
60	(3C)	BITSTRING	1	(0)	Make sure data area does not exceed size of AWA output buffer

IATYSSBS PREVIOUSLY GENERATED

Table 7. Cross Reference for IATYSSBS

Name	Offset	Hex Tag
M00M0002	0	0
SIBSMSCH	0	
SIBSMSCH_KEYUSED_DUALPOOLTOKEN	2	20
SIBSMSCH_KEYUSED_KEYVALUE	2	8
SIBSMSCH_KEYUSED_SRBIDTOKEN	2	40
SIBSMSCH_PL_END	34	3C
SIBSMSCH_XCLIENTSTOKEN	34	
SIBSMSCH_XCPUMASK	1A	
SIBSMSCH_XENCLAVETOKEN	10	
SIBSMSCH_XENV_FULLXM	1	4
SIBSMSCH_XENV_HOME	1	1
SIBSMSCH_XENV_PRIMARY	1	2
SIBSMSCH_XENV_STOKEN	1	8
SIBSMSCH_XEPADDR	4	
SIBSMSCH_XFEATURE_CPMASK	2	2
SIBSMSCH_XFEATURE_CRYPTO	2	1
SIBSMSCH_XFLAG1	1	
SIBSMSCH_XFLAG2	2	
SIBSMSCH_XFLAG3	3	
SIBSMSCH_XFRRADDR	20	
SIBSMSCH_XFRRFLAG	23	
SIBSMSCH_XKEYVALUE	19	
SIBSMSCH_XLLOCK_YES	2	4
SIBSMSCH_XMINORPRIORITY	18	
SIBSMSCH_XPARM	1C	
SIBSMSCH_XPRIORITY_CLIENT	3	20
SIBSMSCH_XPRIORITY_CURRENT	3	4
SIBSMSCH_XPRIORITY_ENCLAVE	3	10
SIBSMSCH_XPRIORITY_GLOBAL	3	2
SIBSMSCH_XPRIORITY_LOCAL	3	1
SIBSMSCH_XPRIORITY_PREEMPT	3	8
SIBSMSCH_XPTCBADDR	30	
SIBSMSCH_XPURGESTOKEN	28	
SIBSMSCH_XRMTRADDR	24	
SIBSMSCH_XRSV0001	20	
SIBSMSCH_XSDWALOC31_YES	23	1
SIBSMSCH_XSYNCH_YES	2	10
SIBSMSCH_XTARGETSTOKEN	8	

Table 7. Cross Reference for IATYSSBS (continued)

Name	Offset	Hex Tag
SIBSMSCH_XTRANSFER_YES	2	80
SIBSMSCH_XVERSION	0	
SIBSMSCHL	3C	3C
SSBEXTPR	5	40
SSBFLAG	5	0
SSBFLR01	5	1
SSBFLR02	5	2
SSBFLR04	5	4
SSBFLR08	5	8
SSBFLR10	5	10
SSBFLR20	5	20
SSBNOCAN	5	80
SSBSBASL	16	1E
SSBSCVER	1E	1
SSBSEND	3C	3C
SSBSJNAM	6	40404040
SSBSJNMC	2	0
SSBSJNUM	22	
SSBSLNG	0	0
SSBSPSN	16	40404040
SSBSRSV1	1F	
SSBSRSV2	28	
SSBSRSV3	2C	
SSBSRSV4	30	
SSBSRSV5	34	
SSBSSIZE	3C	3C
SSBSSNM	E	40404040
SSBSSNO	4	0
SSBSTART	0	
SSBSVER	1E	
SSBSVR01	1E	1

IATYSSCX information

IATYSSCX programming interface information

IATYSSCX is a programming interface.

IATYSSCX heading information

Common name:	Staging Area and Service Entrance List Common Section Mapping
Macro ID:	IATYSSCX
DSECT name:	None
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	
Size:	&PRE.SECL

Created by:	Creators of IATYSEL and IATYSTA
Pointed to by:	N/A
Serialization:	None
Function:	Generates a set of fields which are common to both the staging area (IATYSTA) and the Service Entrance list (IATYSEL).

IATYSSCX mapping

Table 8. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		
		Common Section of the SEL/Staging area			
0	(0)	SIGNED	4	STASEC(0)	Beginning of common section
0	(0)	SIGNED	4	STAFSID(0)	Functional Subsystem ID
0	(0)	SIGNED	2	STAFSSID	FSS portion of FSID
2	(2)	SIGNED	2	STAFSAID	FSA portion OF FSID
4	(4)	BITSTRING	1	STATYPE	Request type
		SEL/STAR Request Types			
		1...		STAWAIT	"X'80'" Wait request
		.1..		STAREPLY	"X'40'" Reply request
		..1.		STACOMM	"X'20'" Communication request
		...1		STAACK	"X'10'" Acknowledgement request
		.... 1...		STARESP	"X'08'" Response request
		.... .1..		STAPURG	"X'04'" Purge request
		.... ..1.		STAEOMT	"X'02'" EOM/T request
5	(5)	BITSTRING	1	STAFUNC	SSOB or DEST code
6	(6)	BITSTRING	1	STAMOD	Request Modification number
7	(7)	BITSTRING	1	STAREID	Receiving system ID (MPSYSID)
8	(8)	BITSTRING	1	STASEID	Sending system ID (SVTSYSID)
9	(9)	BITSTRING	1	STAPRTY	Priority
10	(A)	BITSTRING	1	STAXRSD1(2)	Reserved for Development
12	(C)	SIGNED	4	STAXRSD2	Reserved for Development
16	(10)	SIGNED	4	STAXRSS	Reserved for Service
20	(14)	SIGNED	4	STAFLAGA(0)	SEL/Staging area Flags
20	(14)	BITSTRING	1	STAFLAG1	Flag Byte 1
		Definition of flags in SEL/STAR Flag byte #1			
		1...		STATJES3	"X'80'" Request is sent to JES3
		.1..		STAJES3	"X'40'" Requestor is JES3
		..1.		STATINDP	"X'20'" Request is task-independent 04067SLA
21	(15)	BITSTRING	1	STAFLAG2	Flag byte 2
		Definition of flags in SEL/STAR Flag byte #2			
		..1.		STAGCC	"X'20'" GC Function Complete
22	(16)	BITSTRING	1	STASECL(0)	Section length

Table 9. Cross Reference for IATYSSCX

Name	Offset	Hex Tag
STAACK	4	10
STACOMM	4	20
STAEOMT	4	2
STAFLAGA	14	
STAFLAG1	14	0
STAFLAG2	15	0
STAFSAID	2	0
STAFSID	0	
STAFSSID	0	0
STAFUNC	5	0
STAGCC	15	20
STAJES3	14	40
STAMOD	6	0
STAPRTY	9	0
STAPURG	4	4
STAREID	7	0
STAREPLY	4	40
STARESP	4	8
STASEC	0	
STASECL	16	
STASEID	8	0
STATINDP	14	20
STATJES3	14	80
STATYPE	4	0
STAWAIT	4	80
STAXRSD1	A	0
STAXRSD2	C	0
STAXRSS	10	0

IATYSSIA information

IATYSSIA heading information

Common name:	SSI Activity Table
Macro ID:	IATYSSIA
DSECT name:	SSIATABL, SIAFNTRY, ADMTBDM
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	'SSIA' Offset: 0 Length: 4
Storage attributes:	Auxiliary Storage: N/A Subpool: N/A Key: N/A Residency: N/A
Size:	SIACTSIZ
Created by:	IATINM3
Pointed to by:	N/A
Serialization:	NONE

Function:		This macro defines the subsystem activity tables that are set when a user adress space issues an SSISERV for a particular activity. Activities are examined by:			

This macro defines the subsystem activity tables that are set when a user adress space issues an SSISERV for a particular activity. Activities are examined by:
- The JES3 SDUMPX exit IATABTDX, to determine any and all address spaces waiting in an SSI activity, so that it can decide whether JES3, JES3AUX, and/or JESXCF should be included in a dump.
- RMF, to track SSI activity.
Whenever an SSISERV request is made with the TYPE=WAIT or TYPE=REPLY parameter, the caller issues an IATXSIAF request. IATSIAF services the request and sets an activity count within the MEM and an activity flag (within the JSAB) serially, provided that the SSISERV is one whose activity is being tracked.
IATYSSIA contains the table of tracked SSI activities. Each table entry contains the following things:
- A destination code or a subsystem interface function code.
- An offset to a function-specific, fullword counter in the MEM header for the address space for the given function code.
- A mask representing the activity, to be set in an activity flag byte within one of the JSABJSTA status bytes.
- An offset to a flag byte field from JSABJSTA in which the unique activity mask gets set.
The internal macro IATYSIAE creates the instance for each entry.
IATYSSIA also contains the mapping DSECT SIAFNTRY to define the structure of a table entry, the mapping of the DSECT ADMENTRY to define the structure of a dest/mod matrix entry, and the internal macro IATYSIAE to define a table entry.

IATYSSIA mapping

Table 10. Structure SSIASTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SSIASTRT	
0	(0)	CHARACTER	4	SSIAIXEY	Eyecatcher
4	(4)	BITSTRING	2	SSIAINDX(0)	Index matrix
4	(4)	X'2'	0	SSIAIDXL	"L'SSIAINDX" Length of one index element
4	(4)	X'1'	0	SIAFIXDM	"1" Dummy offset, indicates that the destination+modifier matrix must be scanned
516	(204)	CHARACTER	8	IATYSSIE	Dest/Mod table eyecatcher
524	(20C)	BITSTRING	0	SSIADSTM(0)	Dest/Mod table
544	(220)	CHARACTER	8	SIAFEYE	Activity table eyecatcher
552	(228)	SIGNED	4	IFUNLIST(0)	Function list start

Define activity for PSO.
Define activity for CANCEL.

Define activity for STATUS (classic).

Define activity for validate destination.

Table 10. Structure SSIASTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
					Define activity for job select.
					Define activity for job termination.
					Define activity for job re-enqueue.
					Define activity for notify user.
					Reserved for IBM - no modifier code.
					Define activity for extended status.
					Define activity for JES Properties - classes.
					Define activity for JES Properties - nodes.
					Define activity for JES Properties - spool.
					Define activity for JES Properties - initiators.
					Define activity for JES Properties - JESPLEX.
					Define activity for WTO.
					Define activity for ENDREQ.
					Define activity for JDS Access.
					Define activity for DYNAL FCT request.
					Define activity for TCPIP NJE global service.
					Define activity for WTR FSS request.
					Define activity for FSS CI driver.
					Define activity for SETUP FCT request.
					Define activity for SJF services.
					Define activity for JES Device Information
					Define activity for change DD name via dynamic allocation.
					Define activity for allocation via SSOBDYCD.
					Define activity for change ENQ use attribute.
					Define activity for change DD name.
					Define activity for spool wait. 18119TAC
					Reserved for IBM - no modifier code.
					Reserved for IBM - no modifier code.
					Define activity for SAPI (TYPE=WAIT).
					Define activity for SAPI (TYPE=REPLY).
					End of table.
552	(228)	SIGNED	4		Dummy end entry (SIAFENDM)
556	(22C)	SIGNED	4	SIAENDTB(0)	End of table storage
556	(22C)	X'22C'	0	SIACTSIZ	"SIAENDTB-SSIASTRT" Table size
556	(22C)	X'5'	0	SIAFMDMX	"5" Total entries with MOD=

Table 11. Structure SIAFNTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SIAFNTRY	
0	(0)	SIGNED	4	SIAFENDM(0)	End marker (all FFs)
0	(0)	CHARACTER	8	SIAFENEY	Eyecatcher for the entry
8	(8)	SIGNED	2	SIAFCNTO	Counter offset into the MEM header
10	(A)	BITSTRING	1	SIAFFLOF	Offset of the status flag from the start of the JSAB
11	(B)	BITSTRING	1	SIAFMASK	OR mask to set the flag in the JSAB
12	(C)	CHARACTER	1	SIAFEND(0)	End of entry
12	(C)	X'C'	0	SIAFESIZ	"SIAFEND-SIAFNTRY" Size of entry

Table 12. Structure ADMENTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	ADMENTRY	
0	(0)	ADDRESS	2	ADMDESTM(0)	Destination code+Modifier
0	(0)	ADDRESS	1	ADMDEST	Destination code
1	(1)	ADDRESS	1	ADMMOD	Modifier code

Table 12. Structure ADMENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2	(2)	ADDRESS	2	ADMOFF	Offset of the SIAFNTRY table entry for this DEST/MOD
4	(4)	CHARACTER	1	ADMENEND(0)	DEST/MOD entry end
4	(4)	X'4'	0	ADMDESIZ	"ADMENEND-ADMENTRY" DEST/MOD entry size
4	(4)	X'14'	0	ADMTSIZE	"ADMDESIZ*SIAFMDMX" Total DEST/MOD table size

Table 13. Cross Reference for IATYSSIA

Name	Offset	Hex Tag
ADMDESIZ	4	4
ADMDEST	0	
ADMDESTM	0	
ADMENEND	4	
ADMENTRY	0	
ADMMOD	1	
ADMOFF	2	
ADMTSIZE	4	14
IATYSSIE	204	C4C5E2E3
IFUNLIST	228	
SIACTSIZ	22C	22C
SIAENDTB	22C	
SIAFCNTO	8	
SIAFEND	C	
SIAFENDM	0	
SIAFENEY	0	
SIAFESIZ	C	C
SIAFEYE	220	E2C9C1C6
SIAFFLOF	A	
SIAFIXDM	4	1
SIAFMASK	B	
SIAFMDMX	22C	5
SIAFNTRY	0	
SSIADSTM	20C	
SSIAIDXL	4	2
SSIAINDX	4	0
SSIAIXEY	0	E2E2C9C1
SSIASTRT	0	

IATYSST information

IATYSST heading information

Common name: Security Subtask Control Table

Macro ID: IATYSST

DSECT name: SSTSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID:	SST Offset: 0 Length: 4				
Storage attributes:	Main Storage: JES3 Private Auxiliary Storage: N/A				
Size:	84 Bytes				
Created by:	IATGRSS				
Pointed to by:	TVTXSST in the TVT Fixed Extension				
Serialization:	Compare and swap must be used when adding SSWE queue entries to the subtask work-to-do queue (SSTWK2DO) and the work-complete-queue (pointed to by SSWEWCMP)				
Function:	This control block maps queue headers and dynamic storage for the General Security Subtask (IATGRSS).				

IATYSST mapping

Table 14. Structure SSTSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SSTSTART	, Security Subtask Control Table
0	(0)	CHARACTER	4	SSTID	Control Block Id
4	(4)	SIGNED	4	SSTECB	Subtask ECB
8	(8)	SIGNED	4	SSTPECB	Subtask PURGE ECB
12	(C)	ADDRESS	4	SSTTVT	Transfer Vector Table (TVT) address
		Work Queue Pointers			
16	(10)	ADDRESS	4	SSTWK2DO	Work-to-Do Queue. This is a single headed, single threaded push down stack serialized by compare and swap. Queue elements are added to this queue by the requesting function.
20	(14)	ADDRESS	4	SSTWKIPR	Work-in-Progress Queue header. This is a double headed, double threaded LIFO queue. The entire Work-to-Do Queue (except for "purge" queue elements) is moved here by the security subtask when posted for work.
24	(18)	ADDRESS	4	SSTWKIPB	Work-in-Progress Queue footer. This points to the last element on the Work-in-Progress Queue.
28	(1C)	ADDRESS	4	SSTSNALG	SNARJP Logon processing work complete queue. This is the Work-Complete Queue pointed to by SSWEWCMP for SNARJP work. It is a single headed, single threaded push down stack serialized by compare and swap.
32	(20)	ADDRESS	4	SSTSNALF	SNARJP Logon work in progress queue header. This is a double headed, double threaded LIFO queue. The entire SNARJP Logon processing work complete queue is moved here by the SNARJP DSP when posted for work.
36	(24)	ADDRESS	4	SSTSNALB	SNARJP Logon work in progress queue footer. This points to the last element on the SNARJP Logon work in progress queue.

Table 14. Structure SSTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
40	(28)	ADDRESS	4	SSTPPRGE	Pending Purge Queue. This is a single headed, single threaded FIFO queue. "Purge" queue elements on the Work-to-Do Queue are moved here by the security subtask when posted for work.
		Flags			
44	(2C)	BITSTRING	1	SSTFLAG1	SST Flag One
		Definition of SSTFLAG1			
		1...		SSTABEND	"X'80'" Security subtask abend
		.1..		SSTSINIT	"X'40'" Security subtask initialization complete
		..1.		SSTESTAP	"X'20'" ESTAE entered (reset after work has been processed successfully)
		...1		SSTRF110	"X'10'" Reserved flag
		.... 1...		SSTRF108	"X'08'" Reserved flag
		.... .1..		SSTRF104	"X'04'" Reserved flag
		.... ..1.		SSTRF102	"X'02'" Reserved flag
		1		SSTRF101	"X'01'" Reserved flag
45	(2D)	BITSTRING	1	SSTABFG1	Estae exit control flag
		Definition of SSTABFG1			
		1...		SSTACTWE	"X'80'" Subtask is actively processing a transaction. The security subtask work element is pointed to by register R6.
		.1..		SSTINVOP	"X'40'" Internally generated abend because an invalid transaction was requested. The abend is taken to obtain diagnostic information
		..1.		SSTACT1	"X'20'" Indicates that a call has been made to SAF via IATXSEC during transaction 1 (SNARJP VERIFYX).
		...1		SSTACT2	"X'10'" Indicates that a call has been made to SAF via IATXSEC during transaction 2 (BSC/NJE VERIFYX).
		.... 1...		SSTRF208	"X'08'" Reserved flag
		.... .1..		SSTRF204	"X'04'" Reserved flag
		.... ..1.		SSTRF202	"X'02'" Reserved flag
		1		SSTRF201	"X'01'" Reserved flag
46	(2E)	BITSTRING	2	SSTRSVDD	Reserved for development
		Misc Pointers saved for dianostic proposes			
48	(30)	ADDRESS	4	SSTGRSS	Address of IATGRSS
52	(34)	ADDRESS	4	SSTYSEC	Address of active IATYSEC
		Parameter Lists for the Security Subtask Note: The storage for the parameter lists must be reinitialized prior to use since they occupy the same location in storage.			
56	(38)	SIGNED	4	SSTPARML(0)	Start of parameter lists

Table 14. Structure SSTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		ESTAE Parameter List			
		SSTESTAE ESTAEX MF=L ESTAE parameter list			
56	(38)	SIGNED	4	(0)	
56	(38)	ADDRESS	1	SSTESTAE	FLAGS FOR ESTAEX
57	(39)	ADDRESS	1		SECOND FLAG BYTE
58	(3A)	ADDRESS	1		THIRD FLAG BYTE
59	(3B)	ADDRESS	1		VERSION NUMBER
60	(3C)	ADDRESS	4		TOKEN VALUE AREA
64	(40)	ADDRESS	4		PARM. LIST ADDR. NOT SPECIFIED
68	(44)	ADDRESS	4		ALET FOR PARM LIST
72	(48)	ADDRESS	4		EXIT ADDR NOT SPECD
72	(48)	X'14'	0	SSTESTSZ	"*-SSTESTAE" Size of ESTAE parameter list
		End of Security Subtask Control Table			
76	(4C)	CHARACTER	8	SSTIDX	Control Block Id
84	(54)	SIGNED	4	SSTEND(0)	End of SST
84	(54)	X'54'	0	SSTSIZE	"SSTEND-SSTSTART" Size of SST

Table 15. Cross Reference for IATYSST

Name	Offset	Hex Tag
SSTABEND	2C	80
SSTABFG1	2D	0
SSTACTWE	2D	80
SSTACT1	2D	20
SSTACT2	2D	10
SSTECB	4	0
SSTEND	54	
SSTESTAE	38	
SSTESTAP	2C	20
SSTESTSZ	48	14
SSTFLAG1	2C	0
SSTGRSS	30	
SSTID	0	E2E2E340
SSTIDX	4C	C5D5C4E2
SSTINVOP	2D	40
SSTPARML	38	
SSTPECB	8	0
SSTPPRGE	28	
SSTRF101	2C	1
SSTRF102	2C	2
SSTRF104	2C	4
SSTRF108	2C	8
SSTRF110	2C	10

Table 15. Cross Reference for IATYSST (continued)

Name	Offset	Hex Tag
SSTRF201	2D	1
SSTRF202	2D	2
SSTRF204	2D	4
SSTRF208	2D	8
SSTRSVDD	2E	0
SSTSINIT	2C	40
SSTSIZE	54	54
SSTSNALB	24	
SSTSNALF	20	
SSTSNALG	1C	
SSTSTART	0	
SSTTVT	C	
SSTWKIPB	18	
SSTWKIPR	14	
SSTWK2DO	10	
SSTYSEC	34	

IATYSSWE information

IATYSSWE heading information

Common name:	Security Subtask Work Element
Macro ID:	IATYSSWE
DSECT name:	SSWE
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	SSWE Offset: 0 Length: 4
Storage attributes:	Main Storage: JES3 Private Auxiliary Storage: N/A
Size:	2240 Bytes
Created by:	IATNTDR (BSC/NJE line driver) IATNTJS (NJE Receiver) IATNTNR (NJE Reader) IATSNLD (SNA/RJP driver) IATSNLS (SNA/RJP subtask / VTAM exits)
Pointed to by:	Queue headers in Security Subtask Control Table (IATYSST) NRDSSWRK in NJE Receiver Data Area (IATYNRD)
Serialization:	Compare and swap must be used when adding SSWE queue entries to the subtask work-to-do queue (SSTWK2DO) and the work-complete-queue (pointed to by SSWEWCMP)
Function:	This control block maps a transaction request to the security subtask.

IATYSSWE mapping

Table 16. Structure SSWE

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SSWE	, Security Subtask Work Element
0	(0)	CHARACTER	4	SSWEID	Control Block Id
4	(4)	ADDRESS	4	SSWEFRNT	Forward pointer for work queues
8	(8)	ADDRESS	4	SSWEBACK	Backwards queue pointer for work queues
12	(C)	SIGNED	4	SSWEPGID	Purge identifier - used to identify elements on the Work-in-Progress Queue which should be purged
16	(10)	BITSTRING	1	SSWEOPTN	Work to be performed by the security subtask
17	(11)	BITSTRING	1	(3)	Reserved
		Definition of SSWEOPTN			
		1...		SSWEPRGE	"X'80'" Perform PURGE processing
		.1..		SSWESNAX	"X'40'" Perform IATXSEC VERIFYX processing for SNA RJP workstation
		..1.		SSWESNAA	"X'20'" Perform IATXSEC VERIFYX processing for SNA RJP workstation autologon
		...1		SSWENJEX	"X'10'" Perform IATXSEC VERIFYX processing for BSC NJE receiver
		Flags			
20	(14)	BITSTRING	1	SSWEFLG1	SSWE Flag One
		Definition of SSWEFLG1			
		1...		SSWEINV	"X'80'" Invalid option provided
		.1..		SSWESAFF	"X'40'" SAF failure
		..1.		SSWEUNKW	"X'20'" Unknown failure occurred
		...1		SSWEF110	"X'10'" Reserved flag
		.... 1...		SSWEF108	"X'08'" Reserved flag
		.... .1..		SSWEF104	"X'04'" Reserved flag
		.... ..1.		SSWEF102	"X'02'" Reserved flag
		1		SSWEF101	"X'01'" Reserved flag
21	(15)	BITSTRING	3	SSWERFB1	Reserved for development
24	(18)	BITSTRING	1	SSWEFLG2	SSWE Flag Two
		Definition of SSWEFLG2			
		1...		SSWEAPQ	"X'80'" Attached to the Purge queue
		.1..		SSWEAWIP	"X'40'" Attached to the Work in progress queue
		..1.		SSWEAW2D	"X'20'" Attached to the Work to do queue
		...1		SSWEAWCP	"X'10'" Attached to the Work complete queue
		.... 1...		SSWERECF	"X'08'" ECF has been posted
		.... .1..		SSWERECB	"X'04'" ECB has been posted
		.... ..1.		SSWERDCH	"X'02'" SSWE has been dechained

Table 16. Structure SSWE (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1		SSWEF201	"X'01'" Reserved flag
25	(19)	BITSTRING	1	SSWEFLG3	SSWE Flag Three
		Definition of SSWEFLG3			
		1...		SSWERPQ	"X'80'" Removed from the Purge queue
		.1..		SSWERWIP	"X'40'" Removed from the Work in progress queue
		..1.		SSWERW2D	"X'20'" Removed from the Work to do queue
		...1		SSWERWCP	"X'10'" Removed from the Work complete queue
		.... 1...		SSWEF308	"X'08'" Reserved for development
		.... .1..		SSWEF304	"X'04'" Reserved for development
		.... ..1.		SSWEF302	"X'02'" Reserved for development
		1		SSWEF301	"X'01'" Reserved for development
26	(1A)	BITSTRING	1	SSWEFLG4	SSWE Flag Four (SNARJP recovery information)
		Definition of SSWEFLG4			
		1...		SSWEASWP	"X'80'" Attached to the SNARJP Work in progress queue
		.1..		SSWERSWP	"X'40'" Removed from the SNARJP Work in progress queue
		..1.		SSWEF420	"X'20'" Reserved for development
		...1		SSWEF410	"X'10'" Reserved for development
		.... 1...		SSWEF408	"X'08'" Reserved for development
		.... .1..		SSWEF404	"X'04'" Reserved for development
		.... ..1.		SSWEF402	"X'02'" Reserved for development
		1		SSWEF401	"X'01'" Reserved for development
27	(1B)	BITSTRING	1	SSWERFB2	Reserved for development
		Post Back information			
28	(1C)	ADDRESS	4	SSWEECF	Address of the ECF that is to be posted when processing is complete
32	(20)	ADDRESS	1	SSWEECFM	The ECF mask that is to be ORed with the ECF pointed to by SSWEECF
33	(21)	BITSTRING	3	SSWERD1	Reserved for development
36	(24)	ADDRESS	4	SSWEECB	Address of the ECB that is to be posted when processing is complete
40	(28)	ADDRESS	4	SSWEWCMP	Address of the work complete queue to be used
		Return code information from IATXSEC			
44	(2C)	ADDRESS	4	SSWERTN	Return code from IATXSEC
		SNARJP logon information segment			
48	(30)	ADDRESS	4	SSWESRLT	RLT pointer for the given logon
52	(34)	ADDRESS	4	SSWECIDS	Address of slot in CID table
56	(38)	CHARACTER	116	SSWEBIND(0)	Bind area for session parms and logon statement

Table 16. Structure SSWE (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
56	(38)	CHARACTER	36	SSWESESS	Session parameters for logon
92	(5C)	CHARACTER	80	SSWELOGN	Logon statement read by the logon exit
172	(AC)	CHARACTER	8	SSWEUSER(0)	SAF User ID
172	(AC)	CHARACTER	5	SSWEWSNM	Workstation name
177	(B1)	CHARACTER	3	SSWERSSN	Reserved for development
180	(B4)	CHARACTER	8	SSWELUNM	Name of LU logging on
188	(BC)	CHARACTER	8	SSWESPAS	Password for LU logging on
196	(C4)	CHARACTER	8	SSWESNPS	New Password for LU logging on
204	(CC)	BITSTRING	1	SSWES49(0)	SNARJP SMF 49 record being built
		BSC/NJE receiver information segment			
294	(126)	CHARACTER	8	SSWENPOE	NJE Point of Entry
304	(130)	SIGNED	4	SSWENSES	NJE session type
308	(134)	SIGNED	4	SSWENIDX	NJE IATXSEC logical index
		Area reserved for service			
312	(138)	BITSTRING	18	SSWERFS1	Reserved for service
		SNARJP Logon sense code information			
330	(14A)	BITSTRING	1	SSWESENS	SNARJP Sense code information
331	(14B)	BITSTRING	1	SSWEMOD	SNARJP Sense code modifier information
		Security Check Parameter list			
332	(14C)	BITSTRING	1	SSWESECP(0)	Security Check parameter list
		End of Security Subtask Work Element			
2324	(914)	CHARACTER	8	SSWEIDX	Control Block Id
2332	(91C)	SIGNED	4	SSWEEND(0)	End of Security Subtask work element
2332	(91C)	X'91C'	0	SSWESIZE	"SSWEEND-SSWE" Size of Security Subtask work element

Table 17. Cross Reference for IATYSSWE

Name	Offset	Hex Tag
SSWE	0	
SSWEAPQ	18	80
SSWEASWP	1A	80
SSWEAWCP	18	10
SSWEAWIP	18	40
SSWEAW2D	18	20
SSWEBACK	8	
SSWEBIND	38	
SSWECIDS	34	
SSWEECB	24	
SSWEECF	1C	
SSWEECFM	20	

Table 17. Cross Reference for IATYSSWE (continued)

Name	Offset	Hex Tag
SSWEEND	91C	
SSWEFLG1	14	0
SSWEFLG2	18	0
SSWEFLG3	19	0
SSWEFLG4	1A	0
SSWEFRNT	4	
SSWEF101	14	1
SSWEF102	14	2
SSWEF104	14	4
SSWEF108	14	8
SSWEF110	14	10
SSWEF201	18	1
SSWEF301	19	1
SSWEF302	19	2
SSWEF304	19	4
SSWEF308	19	8
SSWEF401	1A	1
SSWEF402	1A	2
SSWEF404	1A	4
SSWEF408	1A	8
SSWEF410	1A	10
SSWEF420	1A	20
SSWEID	0	E2E2E6C5
SSWEIDX	914	C5D5C4E2
SSWEINV	14	80
SSWELOGN	5C	40404040
SSWELUNM	B4	40404040
SSWEMOD	14B	0
SSWENIDX	134	0
SSWENJEX	11	10
SSWENPOE	126	40404040
SSWENSES	130	0
SSWEOPTN	10	0
SSWEPGID	C	0
SSWEPRGE	11	80
SSWERDCH	18	2
SSWERD1	21	0
SSWERECB	18	4
SSWERECF	18	8
SSWERFB1	15	0
SSWERFB2	1B	0
SSWERFS1	138	0
SSWERPQ	19	80
SSWERSSN	B1	404040
SSWERSWP	1A	40
SSWERTN	2C	

Table 17. Cross Reference for IATYSSWE (continued)

Name	Offset	Hex Tag
SSWERWCP	19	10
SSWERWIP	19	40
SSWERW2D	19	20
SSWESAFF	14	40
SSWESECP	14C	0
SSWESENS	14A	0
SSWESESS	38	40404040
SSWESIZE	91C	91C
SSWESNAA	11	20
SSWESNAX	11	40
SSWESNPS	C4	40404040
SSWESPAS	BC	40404040
SSWESRLT	30	
SSWES49	CC	0
SSWEUNKW	14	20
SSWEUSER	AC	
SSWEWCMP	28	
SSWEWSNM	AC	40404040

IATYSSX information

IATYSSX programming interface information

IATYSSX is a programming interface.

IATYSSX heading information

Common name:	Security User Exit Parameter List
Macro ID:	IATYSSX
DSECT name:	SSXSTART
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	SSX Offset: SSXID Length: 4
Storage attributes:	Auxiliary Storage: N/A Subpool: IATXSEC user defined subpool Key: 1 (JESKEY) Residency: User defined
Size:	See Assembler Listing
Created by:	ISSUER of IATXSEC macro
Pointed to by:	N/A
Serialization:	NONE
Function:	Used for passing information to the security user exits (USER EXIT 58 and 59)

IATYSSX mapping

Table 18. Structure SSXSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SSXSTART	
0	(0)	CHARACTER	4	SSXID	Control Block Identifier
4	(4)	ADDRESS	1	SSXVSN	Version number
4	(4)	X'1'	0	SSXVSN1	"1" Version level One
4	(4)	X'1'	0	SSXVSCUR	"SSXVSN1" Current version number
		IATUX58/IATUX59 Return Code Definitions.			
5	(5)	BITSTRING	1	SSX58RTN	IATUX58 Return Code
		Definition of SSX58RTN			
5	(5)	X'0'	0	SSX58ACC	"0" Accept - Don't call SAF
5	(5)	X'4'	0	SSX58UEF	"4" Use existing facilities to make the security decision (don't call SAF)
5	(5)	X'8'	0	SSX58REJ	"8" Reject - Don't call SAF
5	(5)	X'C'	0	SSX58SAU	"12" Call SAF and IATUX59
5	(5)	X'10'	0	SSX58SNU	"16" Call SAF but no IATUX59
5	(5)	X'14'	0	SSX58DUM	"20" Call SAF and treat IATUX58 as a dummy exit. That is, don't call it again.
5	(5)	X'14'	0	SSX58MAX	"SSX58DUM" Maximum return code value
6	(6)	BITSTRING	1	SSX59RTN	IATUX59 Return Code
		Definition of SSX59RTN			
6	(6)	X'0'	0	SSX59ACC	"0" Accept the request
6	(6)	X'4'	0	SSX59UEF	"4" Use existing facilities to make the security decision
6	(6)	X'8'	0	SSX59REJ	"8" Reject the request
6	(6)	X'C'	0	SSX59SAF	"12" Use the SAF decision
6	(6)	X'10'	0	SSX59DUM	"16" IATUX59 is a dummy exit
6	(6)	X'10'	0	SSX59MAX	"SSX59DUM" Maximum return code value
		SAF/Security Product Information. SAF Return Code			
7	(7)	BITSTRING	1	SSXSFRET	SAF Return Code
		Definition of SSXSAFRC			
7	(7)	X'0'	0	SSXSFACC	"0" Accept
7	(7)	X'4'	0	SSXSFNDC	"4" No Decision
7	(7)	X'8'	0	SSXSFREJ	"8" Reject
		Security Product Return and Reason Codes.			
8	(8)	SIGNED	4	SSXSPRET	Security Product Return Code
12	(C)	SIGNED	4	SSXSPRSN	Security Product Reason Code
		Definition of SSXSPRSN.			

Table 18. Structure SSXSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..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
```

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
16	(10) SIGNED		2	SSXINDEX	Logical IATXSEC Index

AUTH Values

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1		SSXIAUTH	"X'01'" AUTH Request

NJE AUTH Values.

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
16	(10) BITSTRING		0	SSXIANOC	"X'0101'" IATISNJ Outbound NJE job stream create
16	(10) BITSTRING		0	SSXIANJC	"X'0102'" IATISNJ NJE job JESMSGLG data set create
16	(10) BITSTRING		0	SSXIANJO	"X'0103'" IATISNJ NJE job JESMSGLG data set open
16	(10) BITSTRING		0	SSXIANRC	"X'0104'" IATNTRS Data set create for NJE SYSOUT REROUTE TO HOME NODE
16	(10) BITSTRING		0	SSXIANRR	"X'0105'" IATNTRS Data set create for NJE SYSIN/SYSOUT REROUTE TO A REMOTE NODE
16	(10) BITSTRING		0	SSXIANOS	"X'0106'" IATNTSD Outbound NJE stream writer access
16	(10) BITSTRING		0	SSXIANOW	"X'0107'" IATNTSD Outbound NJE stream writer select
16	(10) BITSTRING		0	SSXIANIC	"X'0108'" IATNTSF Inbound NJE SYSOUT data set create
16	(10) BITSTRING		0	SSXIANSC	"X'0109'" IATNTSF Store and forward NJE data IATOSNT set create

Input Service Related AUTH Values.

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
16	(10) BITSTRING		0	SSXIAISC	"X'010A'" IATISEN System and / DATASET data set create
16	(10) BITSTRING		0	SSXIAISO	"X'010B'" IATISEN System and / DATASET data set open

Table 18. Structure SSXSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
16	(10)	BITSTRING	0	SSXIAISD	"X'010C'" IATISEN / PROCESS DSP Auth calls
	SYSIN/SYSOUT Create/Open AUTH Value.				
16	(10)	BITSTRING	0	SSXIASIA	"X'010D'" IATSIAD SYSIN data set create
16	(10)	BITSTRING	0	SSXIASOC	"X'010E'" IATSIAD SYSOUT data set create 0075
16	(10)	BITSTRING	0	SSXIASIO	"X'010F'" IATSIOR SYSIN data set open
16	(10)	BITSTRING	0	SSXIASOO	"X'0110'" IATSIOR SYSOUT data set open
16	(10)	BITSTRING	0	SSXIASIR	"X'0111'" IATSIOR Internal reader open
	SYSIN/SYSOUT Purge AUTH Values.				
16	(10)	BITSTRING	0	SSXIADMJ	"X'0112'" IATDMJA Purge SYSIN/SYSOUT datasets
16	(10)	BITSTRING	0	SSXIADMA	"X'0113'" IATDMJA Purge SYSIN/SYSOUT datasets
16	(10)	BITSTRING	0	SSXIAMSM	"X'0114'" IATMSMS Purge SYSIN/SYSOUT datasets
16	(10)	BITSTRING	0	SSXIAOSD	"X'0115'" IATOSDR Purge SYSIN/SYSOUT datasets
16	(10)	BITSTRING	0	SSXIAOSP	"X'0116'" IATOSFP Purge SYSIN/SYSOUT datasets
	X'0117' Reserved 0				
16	(10)	BITSTRING	0	SSXIAOGC	"X'0118'" IATOSPC Purge SYSIN/SYSOUT datasets
16	(10)	BITSTRING	0	SSXIAOSC	"X'0119'" IATOSGR Purge SYSIN/SYSOUT datasets 0116
16	(10)	BITSTRING	0	SSXIAOSS	"X'011A'" IATOSGR Purge SYSIN/SYSOUT datasets 0116
16	(10)	BITSTRING	0	SSXIAOSW	"X'011B'" IATOSWP Purge SYSIN/SYSOUT datasets
16	(10)	BITSTRING	0	SSXIAPUR	"X'011C'" IATPURG Purge SYSIN/SYSOUT datasets
	Output Service AUTH Values.				
16	(10)	BITSTRING	0	SSXIAGRP	"X'011D'" IATGRAN / PROCESS JESNEWS authorization
16	(10)	BITSTRING	0	SSXIAGRO	"X'011E'" IATGRAN *X,JESNEWS authorization
16	(10)	BITSTRING	0	SSXIAOSR	"X'011F'" IATOSGR Job Zero Spinoff Create 0116
16	(10)	BITSTRING	0	SSXIAOSO	"X'0120'" IATOSGR Job Zero Spinoff Open 0116 check
16	(10)	BITSTRING	0	SSXIASWC	"X'0121'" IATOSWC Print JESNEWS authorization
16	(10)	BITSTRING	0	SSXIAOS1	"X'0122'" IATOSGR WRITER class check for 0116 traditional writer
16	(10)	BITSTRING	0	SSXIAWD2	"X'0123'" IATOSWD WRITER class check for BSC/NJE writer
16	(10)	BITSTRING	0	SSXIAOS2	"X'0124'" IATOSBM WRITER class check for SNA/NJE or TCP/NJE writer

Table 18. Structure SSXSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
16	(10)	BITSTRING	0	SSXIAWD1	"X'0125'" IATOSWD JESSPOOL class check for traditional and BSC/NJE writer
16	(10)	BITSTRING	0	SSXIAOS3	"X'0126'" IATOSBM JESSPOOL class check for SNA/NJE or TCP/NJE writer
16	(10)	BITSTRING	0	SSXIAFG1	"X'0127'" IATOSFG JESSPOOL class check for FSS writer
		Process SYSOUT (PSO) AUTH Values.			
16	(10)	BITSTRING	0	SSXIAUG1	"X'0128'" IATOSPC PSO Get by user id
16	(10)	BITSTRING	0	SSXIAUG2	"X'0129'" IATOSPC PSO Put by user id
16	(10)	BITSTRING	0	SSXIAREA	"X'012A'" IATOSPC PSO Read
16	(10)	BITSTRING	0	SSXIAALT	"X'012B'" IATOSPC PSO Alter
		Miscellaneous AUTH Values.			
16	(10)	BITSTRING	0	SSXIACMD	"X'012C'" IATCNIA Command authorization
16	(10)	BITSTRING	0	SSXIADJ1	"X'012D'" IATDJIN Restore multi-record file
16	(10)	BITSTRING	0	SSXIACGP	"X'012E'" IATGRPR CBPRNT data set create
16	(10)	BITSTRING	0	SSXIAOGP	"X'012F'" IATGRPR CBPRNT data set open
16	(10)	BITSTRING	0	SSXIAGRW	"X'0130'" IATGRWQ TSO Cancel authorization
16	(10)	BITSTRING	0	SSXIADJ2	"X'0131'" IATDJIN Purge multi-record file
16	(10)	BITSTRING	0	SSXIANUM	"X'0132'" IATSINU Notify User node authority D004
		THIS LINE DELETED BY APAR OY58876			
16	(10)	BITSTRING	0	SSXIASRO	"X'0133'" IATSIOR Internal Reader REOPEN
		SYSOUT Application Programming Interface (SAPI) AUTH value.			
16	(10)	BITSTRING	0	SSXIASRD	"X'0134'" IATOSSO SAPI Read
16	(10)	BITSTRING	0	SSXIASAL	"X'0135'" IATOSSO SAPI Alter
		SSI 70 (SWB modify) AUTH value			
16	(10)	BITSTRING	0	SSXIASWB	"X'0136'" IATGR70 SWB_Modify
		Job class SAF checks			
16	(10)	BITSTRING	0	SSXIACSI	"X'0137'" IATISEN IS job submitter job class SAF
16	(10)	BITSTRING	0	SSXIACOI	"X'0138'" IATISEN IS job owner job class SAF
16	(10)	BITSTRING	0	SSXIACSF	"X'0139'" IATGRWM *F job submitter job class SAF
16	(10)	BITSTRING	0	SSXIACOF	"X'013A'" IATGRWM *F job owner job class SAF
16	(10)	BITSTRING	0	SSXIACOD	"X'013B'" IATDJIN DJ job owner job class SAF

Table 18. Structure SSXSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		Reserved for User AUTH Values.			
16	(10)	BITSTRING	0	SSXIAU01	"X'01E0'" Reserved for user
16	(10)	BITSTRING	0	SSXIAU02	"X'01E1'" Reserved for user
16	(10)	BITSTRING	0	SSXIAU03	"X'01E2'" Reserved for user
16	(10)	BITSTRING	0	SSXIAU04	"X'01E3'" Reserved for user
16	(10)	BITSTRING	0	SSXIAU05	"X'01E4'" Reserved for user
16	(10)	BITSTRING	0	SSXIAU06	"X'01E5'" Reserved for user
16	(10)	BITSTRING	0	SSXIAU07	"X'01E6'" Reserved for user
16	(10)	BITSTRING	0	SSXIAU08	"X'01E7'" Reserved for user
16	(10)	BITSTRING	0	SSXIAU09	"X'01E8'" Reserved for user
16	(10)	BITSTRING	0	SSXIAU10	"X'01E9'" Reserved for user
16	(10)	BITSTRING	0	SSXIAU11	"X'01EA'" Reserved for user
16	(10)	BITSTRING	0	SSXIAU12	"X'01EB'" Reserved for user
16	(10)	BITSTRING	0	SSXIAU13	"X'01EC'" Reserved for user
16	(10)	BITSTRING	0	SSXIAU14	"X'01ED'" Reserved for user
16	(10)	BITSTRING	0	SSXIAU15	"X'01EE'" Reserved for user
16	(10)	BITSTRING	0	SSXIAU16	"X'01EF'" Reserved for user
16	(10)	BITSTRING	0	SSXIAU17	"X'01F0'" Reserved for user
16	(10)	BITSTRING	0	SSXIAU18	"X'01F1'" Reserved for user
16	(10)	BITSTRING	0	SSXIAU19	"X'01F2'" Reserved for user
16	(10)	BITSTRING	0	SSXIAU20	"X'01F3'" Reserved for user
16	(10)	BITSTRING	0	SSXIAU21	"X'01F4'" Reserved for user
16	(10)	BITSTRING	0	SSXIAU22	"X'01F5'" Reserved for user
16	(10)	BITSTRING	0	SSXIAU23	"X'01F6'" Reserved for user
16	(10)	BITSTRING	0	SSXIAU24	"X'01F7'" Reserved for user
16	(10)	BITSTRING	0	SSXIAU25	"X'01F8'" Reserved for user
16	(10)	BITSTRING	0	SSXIAU26	"X'01F9'" Reserved for user
16	(10)	BITSTRING	0	SSXIAU27	"X'01FA'" Reserved for user
16	(10)	BITSTRING	0	SSXIAU28	"X'01FB'" Reserved for user
16	(10)	BITSTRING	0	SSXIAU29	"X'01FC'" Reserved for user
16	(10)	BITSTRING	0	SSXIAU30	"X'01FD'" Reserved for user
16	(10)	BITSTRING	0	SSXIAU31	"X'01FE'" Reserved for user
16	(10)	BITSTRING	0	SSXIAU32	"X'01FF'" Reserved for user
		EXTRACT Values			
	.... ..1.			SSXIEXTR	"X'02'" EXTRACT Request
		Password Encryption EXTRACT Values.			
16	(10)	BITSTRING	0	SSXIEDJN	"X'0201'" IATDJIN Encrypt password
16	(10)	BITSTRING	0	SSXIEISJ	"X'0202'" IATISEN Encrypt password
16	(10)	BITSTRING	0	SSXIENPE	"X'0203'" IATISNJ Encrypt password
		FACILITY EXTRACT values.			
16	(10)	BITSTRING	0	SSXIECSI	"X'0220'" IS job submitter job class SAF

Table 18. Structure SSXSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
16	(10)	BITSTRING	0	SSXIECOI	"X'0221'" IS job owner job class SAF
16	(10)	BITSTRING	0	SSXIECSF	"X'0222'" *F job submitter job class SAF
16	(10)	BITSTRING	0	SSXIECOF	"X'0223'" *F job owner job class SAF
16	(10)	BITSTRING	0	SSXIECOD	"X'0224'" DJ job owner job class SAF
		Reserved for User EXTRACT Values.			
16	(10)	BITSTRING	0	SSXIEU01	"X'02E0'" Reserved for user
16	(10)	BITSTRING	0	SSXIEU02	"X'02E1'" Reserved for user
16	(10)	BITSTRING	0	SSXIEU03	"X'02E2'" Reserved for user
16	(10)	BITSTRING	0	SSXIEU04	"X'02E3'" Reserved for user
16	(10)	BITSTRING	0	SSXIEU05	"X'02E4'" Reserved for user
16	(10)	BITSTRING	0	SSXIEU06	"X'02E5'" Reserved for user
16	(10)	BITSTRING	0	SSXIEU07	"X'02E6'" Reserved for user
16	(10)	BITSTRING	0	SSXIEU08	"X'02E7'" Reserved for user
16	(10)	BITSTRING	0	SSXIEU09	"X'02E8'" Reserved for user
16	(10)	BITSTRING	0	SSXIEU10	"X'02E9'" Reserved for user
16	(10)	BITSTRING	0	SSXIEU11	"X'02EA'" Reserved for user
16	(10)	BITSTRING	0	SSXIEU12	"X'02EB'" Reserved for user
16	(10)	BITSTRING	0	SSXIEU13	"X'02EC'" Reserved for user
16	(10)	BITSTRING	0	SSXIEU14	"X'02ED'" Reserved for user
16	(10)	BITSTRING	0	SSXIEU15	"X'02EE'" Reserved for user
16	(10)	BITSTRING	0	SSXIEU16	"X'02EF'" Reserved for user
16	(10)	BITSTRING	0	SSXIEU17	"X'02F0'" Reserved for user
16	(10)	BITSTRING	0	SSXIEU18	"X'02F1'" Reserved for user
16	(10)	BITSTRING	0	SSXIEU19	"X'02F2'" Reserved for user
16	(10)	BITSTRING	0	SSXIEU20	"X'02F3'" Reserved for user
16	(10)	BITSTRING	0	SSXIEU21	"X'02F4'" Reserved for user
16	(10)	BITSTRING	0	SSXIEU22	"X'02F5'" Reserved for user
16	(10)	BITSTRING	0	SSXIEU23	"X'02F6'" Reserved for user
16	(10)	BITSTRING	0	SSXIEU24	"X'02F7'" Reserved for user
16	(10)	BITSTRING	0	SSXIEU25	"X'02F8'" Reserved for user
16	(10)	BITSTRING	0	SSXIEU26	"X'02F9'" Reserved for user
16	(10)	BITSTRING	0	SSXIEU27	"X'02FA'" Reserved for user
16	(10)	BITSTRING	0	SSXIEU28	"X'02FB'" Reserved for user
16	(10)	BITSTRING	0	SSXIEU29	"X'02FC'" Reserved for user
16	(10)	BITSTRING	0	SSXIEU30	"X'02FD'" Reserved for user
16	(10)	BITSTRING	0	SSXIEU31	"X'02FE'" Reserved for user
16	(10)	BITSTRING	0	SSXIEU32	"X'02FF'" Reserved for user
		TOKENBLD Values			
	11			SSXITKBL	"X'03'" TOKENBLD Request
		NJE TOKENBLD Values.			
16	(10)	BITSTRING	0	SSXIBNIS	"X'0301'" IATNTJS Update token for inbound NJE SYSOUT stream

Table 18. Structure SSXSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
16	(10)	BITSTRING	0	SSXIBNRS	"X'0302'" IATNTRS Update token for rerouted NJE SYSOUT stream
		Input Service TOKENBLD Values.			
16	(10)	BITSTRING	0	SSXIBISJ	"X'0303'" IATISEN Update demand select job token with EXENODE/POE
16	(10)	BITSTRING	0	SSXIBISI	"X'0304'" IATISRI Update reader token with SESSION/POE (operator who called reader)
16	(10)	BITSTRING	0	SSXIBSRL	"X'0307'" IATISRL Update reader token with SESSION/POE (operator who started reader)
		Initialization TOKENBLD Values.			
16	(10)	BITSTRING	0	SSXIBINI	"X'0305'" IATINGN Create SYSLOW token for JESNEWS
16	(10)	BITSTRING	0	SSXIBING	"X'0306'" IATINGN Update JES3 token with EXENODE
		APPC TOKENBLD Values. 0			
16	(10)	BITSTRING	0	SSXIBSAD	"X'0308'" IATSIAD Update APPC transaction 0325 data set token with EXENODE 0325
		Reserved for User TOKENBLD Values.			
16	(10)	BITSTRING	0	SSXIBU01	"X'03E0'" Reserved for user
16	(10)	BITSTRING	0	SSXIBU02	"X'03E1'" Reserved for user
16	(10)	BITSTRING	0	SSXIBU03	"X'03E2'" Reserved for user
16	(10)	BITSTRING	0	SSXIBU04	"X'03E3'" Reserved for user
16	(10)	BITSTRING	0	SSXIBU05	"X'03E4'" Reserved for user
16	(10)	BITSTRING	0	SSXIBU06	"X'03E5'" Reserved for user
16	(10)	BITSTRING	0	SSXIBU07	"X'03E6'" Reserved for user
16	(10)	BITSTRING	0	SSXIBU08	"X'03E7'" Reserved for user
16	(10)	BITSTRING	0	SSXIBU09	"X'03E8'" Reserved for user
16	(10)	BITSTRING	0	SSXIBU10	"X'03E9'" Reserved for user
16	(10)	BITSTRING	0	SSXIBU11	"X'03EA'" Reserved for user
16	(10)	BITSTRING	0	SSXIBU12	"X'03EB'" Reserved for user
16	(10)	BITSTRING	0	SSXIBU13	"X'03EC'" Reserved for user
16	(10)	BITSTRING	0	SSXIBU14	"X'03ED'" Reserved for user
16	(10)	BITSTRING	0	SSXIBU15	"X'03EE'" Reserved for user
16	(10)	BITSTRING	0	SSXIBU16	"X'03EF'" Reserved for user
16	(10)	BITSTRING	0	SSXIBU17	"X'03F0'" Reserved for user
16	(10)	BITSTRING	0	SSXIBU18	"X'03F1'" Reserved for user
16	(10)	BITSTRING	0	SSXIBU19	"X'03F2'" Reserved for user
16	(10)	BITSTRING	0	SSXIBU20	"X'03F3'" Reserved for user
16	(10)	BITSTRING	0	SSXIBU21	"X'03F4'" Reserved for user
16	(10)	BITSTRING	0	SSXIBU22	"X'03F5'" Reserved for user
16	(10)	BITSTRING	0	SSXIBU23	"X'03F6'" Reserved for user
16	(10)	BITSTRING	0	SSXIBU24	"X'03F7'" Reserved for user

Table 18. Structure SSXSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
16	(10)	BITSTRING	0	SSXIBU25	"X'03F8'" Reserved for user
16	(10)	BITSTRING	0	SSXIBU26	"X'03F9'" Reserved for user
16	(10)	BITSTRING	0	SSXIBU27	"X'03FA'" Reserved for user
16	(10)	BITSTRING	0	SSXIBU28	"X'03FB'" Reserved for user
16	(10)	BITSTRING	0	SSXIBU29	"X'03FC'" Reserved for user
16	(10)	BITSTRING	0	SSXIBU30	"X'03FD'" Reserved for user
16	(10)	BITSTRING	0	SSXIBU31	"X'03FE'" Reserved for user
16	(10)	BITSTRING	0	SSXIBU32	"X'03FF'" Reserved for user
		TOKENMAP Values			
		.... .1..		SSXITKMP	"X'04'" TOKENMAP Request
		NJE TOKENMAP Values.			
16	(10)	BITSTRING	0	SSXIMNJJ	"X'0401'" IATISNJ Convert job token to external format for outbound NJE job stream JH and/or to map its contents
16	(10)	BITSTRING	0	SSXIMNSD	"X'0402'" IATNTDH Convert job token to external format for outbound NJE SYSOUT stream DSH
16	(10)	BITSTRING	0	SSXIMNSJ	"X'0403'" IATNTHT Convert job token to external format for outbound NJE SYSOUT stream JH
16	(10)	BITSTRING	0	SSXIMNIJ	"X'0404'" IATNTJS Convert inbound NJE job stream JH token to internal format
16	(10)	BITSTRING	0	SSXIMNIS	"X'0405'" IATNTJS Convert inbound NJE SYSOUT stream JH token to internal format
16	(10)	BITSTRING	0	SSXIMNST	"X'0406'" IATNTJS Map inbound NJE SYSOUT stream token
16	(10)	BITSTRING	0	SSXIMNJU	"X'0407'" IATNTJS Map NJE job stream unknown user token
16	(10)	BITSTRING	0	SSXIMNSX	"X'0408'" IATNTSF Map token returned by IATUX67
16	(10)	BITSTRING	0	SSXIMNRS	"X'0409'" IATNTRS Convert rerouted NJE SYSOUT stream JH token to internal format
16	(10)	BITSTRING	0	SSXIMNRJ	"X'040A'" IATNTRS Convert rerouted NJE job stream JH token to internal format
16	(10)	BITSTRING	0	SSXIMNRT	"X'040B'" IATNTRS Map rerouted NJE SYSOUT stream token
16	(10)	BITSTRING	0	SSXIMNRX	"X'040C'" IATNTRS Map token returned by IATUX67
16	(10)	BITSTRING	0	SSXIMNRB	"X'0415'" IATNTRS Map rerouted NJE SYSIN or 0588 SYSOUT Job-level token to 0588 external form 0588
16	(10)	BITSTRING	0	SSXIMNSE	"X'0419'" IATOSBP Convert inbound NJE SYSOUT stream DSH token to internal format
		Input Service TOKENMAP Values.			
16	(10)	BITSTRING	0	SSXIMISJ	"X'040D'" IATISEN Obtain information from job token during job validation

Table 18. Structure SSXSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
16	(10)	BITSTRING	0	SSXIMISE	"X'041C'" IATISEN Obtain information from submitter token for NJE jobs during job validation
		Output Service Related TOKENMAP Values.			
16	(10)	BITSTRING	0	SSXIMOSD	"X'040E'" IATOSDR Obtain information from JES3 token to update the job zero RQ
16	(10)	BITSTRING	0	SSXIMINI	"X'040F'" IATINGN Obtain information from 0116 JESNEWS token
16	(10)	BITSTRING	0	SSXIMOSO	"X'0412'" IATOSDO To place the Security label for the token into the MOSE
16	(10)	BITSTRING	0	SSXIMSIP	"X'041A'" IATSIOP Obtain information from JES3 token for PSO 0040
16	(10)	BITSTRING	0	SSXIMSMP	"X'0420'" IATSISO Obtain information from JES3 token for SAPI
		Miscellaneous TOKENMAP Values.			
16	(10)	BITSTRING	0	SSXIMDM1	"X'0410'" IATDMJA Obtain information from user token for PSO
16	(10)	BITSTRING	0	SSXIMDJ1	"X'0411'" IATDJIN Map job token during dump job input processing
16	(10)	BITSTRING	0	SSXIMOSN	"X'0413'" IATOSNT Map job token during NJE packaging for a destination
16	(10)	BITSTRING	0	SSXIMOS2	"X'0414'" IATOSNT Map job token during NJE packaging for a destination
16	(10)	BITSTRING	0	SSXIMAD1	"X'0416'" IATSIAD Map token during APPC SYSOUT Allocation
16	(10)	BITSTRING	0	SSXIMCD1	"X'0417'" IATGRCD Obtain information from user token for callable DSP
16	(10)	BITSTRING	0	SSXIMSTP	"X'0418'" IATIIST MAP TOKEN DURING SETUP OF C/I SECURITY ENVIRONMENT
16	(10)	BITSTRING	0	SSXIMAD2	"X'041B'" IATSIAD Map token during non-batch SYSOUT Allocation
16	(10)	BITSTRING	0	SSXIMSVJ	"X'0421'" IATGRES Map token for verbose job status
16	(10)	BITSTRING	0	SSXIMSVS	"X'0422'" IATGRES Map token for verbose output status
		Reserved for User TOKENMAP Values.			
16	(10)	BITSTRING	0	SSXIMU01	"X'04E0'" Reserved for user
16	(10)	BITSTRING	0	SSXIMU02	"X'04E1'" Reserved for user
16	(10)	BITSTRING	0	SSXIMU03	"X'04E2'" Reserved for user
16	(10)	BITSTRING	0	SSXIMU04	"X'04E3'" Reserved for user
16	(10)	BITSTRING	0	SSXIMU05	"X'04E4'" Reserved for user
16	(10)	BITSTRING	0	SSXIMU06	"X'04E5'" Reserved for user
16	(10)	BITSTRING	0	SSXIMU07	"X'04E6'" Reserved for user
16	(10)	BITSTRING	0	SSXIMU08	"X'04E7'" Reserved for user
16	(10)	BITSTRING	0	SSXIMU09	"X'04E8'" Reserved for user
16	(10)	BITSTRING	0	SSXIMU10	"X'04E9'" Reserved for user
16	(10)	BITSTRING	0	SSXIMU11	"X'04EA'" Reserved for user

Table 18. Structure SSXSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
16	(10)	BITSTRING	0	SSXIMU12	"X'04EB'" Reserved for user
16	(10)	BITSTRING	0	SSXIMU13	"X'04EC'" Reserved for user
16	(10)	BITSTRING	0	SSXIMU14	"X'04ED'" Reserved for user
16	(10)	BITSTRING	0	SSXIMU15	"X'04EE'" Reserved for user
16	(10)	BITSTRING	0	SSXIMU16	"X'04EF'" Reserved for user
16	(10)	BITSTRING	0	SSXIMU17	"X'04F0'" Reserved for user
16	(10)	BITSTRING	0	SSXIMU18	"X'04F1'" Reserved for user
16	(10)	BITSTRING	0	SSXIMU19	"X'04F2'" Reserved for user
16	(10)	BITSTRING	0	SSXIMU20	"X'04F3'" Reserved for user
16	(10)	BITSTRING	0	SSXIMU21	"X'04F4'" Reserved for user
16	(10)	BITSTRING	0	SSXIMU22	"X'04F5'" Reserved for user
16	(10)	BITSTRING	0	SSXIMU23	"X'04F6'" Reserved for user
16	(10)	BITSTRING	0	SSXIMU24	"X'04F7'" Reserved for user
16	(10)	BITSTRING	0	SSXIMU25	"X'04F8'" Reserved for user
16	(10)	BITSTRING	0	SSXIMU26	"X'04F9'" Reserved for user
16	(10)	BITSTRING	0	SSXIMU27	"X'04FA'" Reserved for user
16	(10)	BITSTRING	0	SSXIMU28	"X'04FB'" Reserved for user
16	(10)	BITSTRING	0	SSXIMU29	"X'04FC'" Reserved for user
16	(10)	BITSTRING	0	SSXIMU30	"X'04FD'" Reserved for user
16	(10)	BITSTRING	0	SSXIMU31	"X'04FE'" Reserved for user
16	(10)	BITSTRING	0	SSXIMU32	"X'04FF'" Reserved for user
		TOKENXTR Values			
		.... .1.1		SSXITKXT	"X'05'" TOKENXTR Request
16	(10)	BITSTRING	0	SSXIXDMD	"X'0501'" IATDMDM Extract token of job's address space for ENDREQ processing to start a demand select job
16	(10)	BITSTRING	0	SSXIXDME	"X'0502'" IATDMEB3 Extract token of job's 11485TAC address space for internal reader ENDREQ processing
16	(10)	BITSTRING	0	SSXIXJNW	"X'0503'" IATINGN Extract JES3's token
16	(10)	BITSTRING	0	SSXIXSIA	"X'0504'" IATSIAD Extract token of job's address space for PSO/SAPI unallocation
16	(10)	BITSTRING	0	SSXIXSIC	"X'0505'" IATSICC Extract token of job's address space for internal reader ENDREQ processing
16	(10)	BITSTRING	0	SSXIXSCN	"X'0506'" IATSICN Extract token of job's address space for TSO cancel
16	(10)	BITSTRING	0	SSXIXSIJ	"X'0507'" IATSIJS Extract token for job who issued request jobid
16	(10)	BITSTRING	0	SSXIXPAL	"X'0508'" IATSIOP Extract token of job's address space for PSO allocation
16	(10)	BITSTRING	0	SSXIXSAD	"X'0509'" IATSIAD Extract data set token FOR SYSOUT ALLOCATION
16	(10)	BITSTRING	0	SSXIXNUM	"X'050A'" IATSINU Notify User token D004
16	(10)	BITSTRING	0	SSXIXSIR	"X'050B'" IATSIOR EXTRACT TOKEN OF JOB'S ADDRESS SPACE FOR INTERNAL READER SYSOUT CREATION

Table 18. Structure SSXSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
16	(10)	BITSTRING	0	SSXIXSAL	"X'050C'" IATSISO Extract token of job's address space for SAPI allocation
16	(10)	BITSTRING	0	SSXIXSWB	"X'050D'" IATSI70 Extract token of job's address space for SSI 70 (SWB_Modify)
		Reserved for User TOKENXTR Values.			
16	(10)	BITSTRING	0	SSXIXU01	"X'05E0'" Reserved for user
16	(10)	BITSTRING	0	SSXIXU02	"X'05E1'" Reserved for user
16	(10)	BITSTRING	0	SSXIXU03	"X'05E2'" Reserved for user
16	(10)	BITSTRING	0	SSXIXU04	"X'05E3'" Reserved for user
16	(10)	BITSTRING	0	SSXIXU05	"X'05E4'" Reserved for user
16	(10)	BITSTRING	0	SSXIXU06	"X'05E5'" Reserved for user
16	(10)	BITSTRING	0	SSXIXU07	"X'05E6'" Reserved for user
16	(10)	BITSTRING	0	SSXIXU08	"X'05E7'" Reserved for user
16	(10)	BITSTRING	0	SSXIXU09	"X'05E8'" Reserved for user
16	(10)	BITSTRING	0	SSXIXU10	"X'05E9'" Reserved for user
16	(10)	BITSTRING	0	SSXIXU11	"X'05EA'" Reserved for user
16	(10)	BITSTRING	0	SSXIXU12	"X'05EB'" Reserved for user
16	(10)	BITSTRING	0	SSXIXU13	"X'05EC'" Reserved for user
16	(10)	BITSTRING	0	SSXIXU14	"X'05ED'" Reserved for user
16	(10)	BITSTRING	0	SSXIXU15	"X'05EE'" Reserved for user
16	(10)	BITSTRING	0	SSXIXU16	"X'05EF'" Reserved for user
16	(10)	BITSTRING	0	SSXIXU17	"X'05F0'" Reserved for user
16	(10)	BITSTRING	0	SSXIXU18	"X'05F1'" Reserved for user
16	(10)	BITSTRING	0	SSXIXU19	"X'05F2'" Reserved for user
16	(10)	BITSTRING	0	SSXIXU20	"X'05F3'" Reserved for user
16	(10)	BITSTRING	0	SSXIXU21	"X'05F4'" Reserved for user
16	(10)	BITSTRING	0	SSXIXU22	"X'05F5'" Reserved for user
16	(10)	BITSTRING	0	SSXIXU23	"X'05F6'" Reserved for user
16	(10)	BITSTRING	0	SSXIXU24	"X'05F7'" Reserved for user
16	(10)	BITSTRING	0	SSXIXU25	"X'05F8'" Reserved for user
16	(10)	BITSTRING	0	SSXIXU26	"X'05F9'" Reserved for user
16	(10)	BITSTRING	0	SSXIXU27	"X'05FA'" Reserved for user
16	(10)	BITSTRING	0	SSXIXU28	"X'05FB'" Reserved for user
16	(10)	BITSTRING	0	SSXIXU29	"X'05FC'" Reserved for user
16	(10)	BITSTRING	0	SSXIXU30	"X'05FD'" Reserved for user
16	(10)	BITSTRING	0	SSXIXU31	"X'05FE'" Reserved for user
16	(10)	BITSTRING	0	SSXIXU32	"X'05FF'" Reserved for user
		VERIFYX Values			
		.... .11.		SSXIVFYX	"X'06'" VERIFYX Request
		NJE VERIFYX Values.			
16	(10)	BITSTRING	0	SSXIVNJE	"X'0601'" IATCNNJ NJE node validation

Table 18. Structure SSXSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
16	(10)	BITSTRING	0	SSXIVNOI	"X'0602'" IATISNJ Create INTRDR token for outbound NJE job stream
16	(10)	BITSTRING	0	SSXIVNOE	"X'0603'" IATISNJ Create unknown user token for outbound NJE job stream
16	(10)	BITSTRING	0	SSXIVNJV	"X'0604'" IATISNJ Job validation for outbound NJE job stream
16	(10)	BITSTRING	0	SSXIVNIS	"X'0605'" IATNTJS Job validation for inbound NJE SYSOUT stream
16	(10)	BITSTRING	0	SSXIVNIU	"X'0606'" IATNTJS Create unknown user token for inbound NJE SYSOUT stream
16	(10)	BITSTRING	0	SSXIVNJU	"X'0607'" IATNTJS Create unknown user token for store and forward NJE job stream
16	(10)	BITSTRING	0	SSXIVNRR	"X'0609'" IATNTRS Reverify token for NJE reroute to a remote node
16	(10)	BITSTRING	0	SSXIVNRS	"X'060A'" IATNTRS Job validation for NJE SYSOUT rerouted to the home node
16	(10)	BITSTRING	0	SSXIVNRU	"X'060B'" IATNTRS Create unknown user token for NJE SYSOUT rerouted to the home node
		Input Service VERIFYX Values.			
16	(10)	BITSTRING	0	SSXIVISJ	"X'060D'" IATISEN Job validation for jobs destined for execution on this node
		RJP VERIFYX Values.			
16	(10)	BITSTRING	0	SSXIVRJM	"X'060E'" IATRJM3 BSC RJP SIGNON
16	(10)	BITSTRING	0	SSXIVSNL	"X'060F'" IATSNLS SNA RJP LOGON
		Dump Job VERIFYX Values.			
16	(10)	BITSTRING	0	SSXIVDJ1	"X'0610'" IATDJIN Verify a job from a previous JES3 release
16	(10)	BITSTRING	0	SSXIVDJ2	"X'0611'" IATDJIN Verify a job from the current JES3 release
16	(10)	BITSTRING	0	SSXIVDJ3	"X'0612'" IATDJIN Verify a job whose session type is TKNUNKWN
		Reserved for User VERIFYX Values.			
16	(10)	BITSTRING	0	SSXIVU01	"X'06E0'" Reserved for user
16	(10)	BITSTRING	0	SSXIVU02	"X'06E1'" Reserved for user
16	(10)	BITSTRING	0	SSXIVU03	"X'06E2'" Reserved for user
16	(10)	BITSTRING	0	SSXIVU04	"X'06E3'" Reserved for user
16	(10)	BITSTRING	0	SSXIVU05	"X'06E4'" Reserved for user
16	(10)	BITSTRING	0	SSXIVU06	"X'06E5'" Reserved for user
16	(10)	BITSTRING	0	SSXIVU07	"X'06E6'" Reserved for user
16	(10)	BITSTRING	0	SSXIVU08	"X'06E7'" Reserved for user
16	(10)	BITSTRING	0	SSXIVU09	"X'06E8'" Reserved for user
16	(10)	BITSTRING	0	SSXIVU10	"X'06E9'" Reserved for user
16	(10)	BITSTRING	0	SSXIVU11	"X'06EA'" Reserved for user
16	(10)	BITSTRING	0	SSXIVU12	"X'06EB'" Reserved for user
16	(10)	BITSTRING	0	SSXIVU13	"X'06EC'" Reserved for user

Table 18. Structure SSXSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
16	(10)	BITSTRING	0	SSXIVU14	"X'06ED'" Reserved for user
16	(10)	BITSTRING	0	SSXIVU15	"X'06EE'" Reserved for user
16	(10)	BITSTRING	0	SSXIVU16	"X'06EF'" Reserved for user
16	(10)	BITSTRING	0	SSXIVU17	"X'06F0'" Reserved for user
16	(10)	BITSTRING	0	SSXIVU18	"X'06F1'" Reserved for user
16	(10)	BITSTRING	0	SSXIVU19	"X'06F2'" Reserved for user
16	(10)	BITSTRING	0	SSXIVU20	"X'06F3'" Reserved for user
16	(10)	BITSTRING	0	SSXIVU21	"X'06F4'" Reserved for user
16	(10)	BITSTRING	0	SSXIVU22	"X'06F5'" Reserved for user
16	(10)	BITSTRING	0	SSXIVU23	"X'06F6'" Reserved for user
16	(10)	BITSTRING	0	SSXIVU24	"X'06F7'" Reserved for user
16	(10)	BITSTRING	0	SSXIVU25	"X'06F8'" Reserved for user
16	(10)	BITSTRING	0	SSXIVU26	"X'06F9'" Reserved for user
16	(10)	BITSTRING	0	SSXIVU27	"X'06FA'" Reserved for user
16	(10)	BITSTRING	0	SSXIVU28	"X'06FB'" Reserved for user
16	(10)	BITSTRING	0	SSXIVU29	"X'06FC'" Reserved for user
16	(10)	BITSTRING	0	SSXIVU30	"X'06FD'" Reserved for user
16	(10)	BITSTRING	0	SSXIVU31	"X'06FE'" Reserved for user
16	(10)	BITSTRING	0	SSXIVU32	"X'06FF'" Reserved for user
		AUDIT Values.			
		.... .111		SSXIAUDT	"X'07'" AUDIT Request
		Job Deletion AUDIT Values.			
16	(10)	BITSTRING	0	SSXAUJVL	"X'0701'" IATINJR Job Validation deletion
16	(10)	BITSTRING	0	SSXAUCAN	"X'0702'" IATGRWM Cancel delete-only job
		Reserved for User AUDIT Values.			
16	(10)	BITSTRING	0	SSXAUU01	"X'07E0'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU02	"X'07E1'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU03	"X'07E2'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU04	"X'07E3'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU05	"X'07E4'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU06	"X'07E5'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU07	"X'07E6'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU08	"X'07E7'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU09	"X'07E8'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU10	"X'07E9'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU11	"X'07EA'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU12	"X'07EB'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU13	"X'07EC'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU14	"X'07ED'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU15	"X'07EE'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU16	"X'07EF'" Reserved for user

Table 18. Structure SSXSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
16	(10)	BITSTRING	0	SSXAUU17	"X'07F0'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU18	"X'07F1'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU19	"X'07F2'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU20	"X'07F3'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU21	"X'07F4'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU22	"X'07F5'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU23	"X'07F6'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU24	"X'07F7'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU25	"X'07F8'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU26	"X'07F9'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU27	"X'07FA'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU28	"X'07FB'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU29	"X'07FC'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU30	"X'07FD'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU31	"X'07FE'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU32	"X'07FF'" Reserved for user
		VERIFY Values. 0			
		.... 1...		SSXIVRFY	"X'08'" VERIFY Request 0039
		C/I Subtask VERIFY Values. 0			
16	(10)	BITSTRING	0	SSXVFCRT	"X'0801'" IATIIST Create ACEE for C/I 0039
16	(10)	BITSTRING	0	SSXVFDEL	"X'0802'" IATIIST Delete ACEE for C/I 0039
		Reserved for User VERIFY Values. 0			
16	(10)	BITSTRING	0	SSXVFU01	"X'08E0'" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU02	"X'08E1'" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU03	"X'08E2'" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU04	"X'08E3'" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU05	"X'08E4'" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU06	"X'08E5'" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU07	"X'08E6'" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU08	"X'08E7'" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU09	"X'08E8'" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU10	"X'08E9'" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU11	"X'08EA'" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU12	"X'08EB'" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU13	"X'08EC'" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU14	"X'08ED'" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU15	"X'08EE'" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU16	"X'08EF'" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU17	"X'08F0'" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU18	"X'08F1'" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU19	"X'08F2'" Reserved for user 0039

Table 18. Structure SSXSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
16	(10)	BITSTRING	0	SSXVFU20	"X'08F3'" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU21	"X'08F4'" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU22	"X'08F5'" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU23	"X'08F6'" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU24	"X'08F7'" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU25	"X'08F8'" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU26	"X'08F9'" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU27	"X'08FA'" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU28	"X'08FB'" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU29	"X'08FC'" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU30	"X'08FD'" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU31	"X'08FE'" Reserved for user 0039
16	(10)	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)			
18	(12)	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)			
19	(13)	CHARACTER	9	SSXEXNOD(0)	Execution Node
19	(13)	CHARACTER	1	SSXEXNDL	Execution Node Length
20	(14)	CHARACTER	8	SSXEXNDF	Execution Node Field
		Entity Name (ENTITY or ENTITYX) SSXENTIT is in ENTITY format unless SSX1ENTX is set.			
28	(1C)	CHARACTER	53	SSXENTIT	Entity or Entityx name
		Group Name (GROUP)			
81	(51)	CHARACTER	9	SSXGROUP(0)	Group Name
81	(51)	CHARACTER	1	SSXGROUL	Group Name Length
82	(52)	CHARACTER	8	SSXGROUF	Group Name Field
		Job Name (JOBNAME)			
90	(5A)	CHARACTER	8	SSXJOBNM	Job Name
		Log Option (LOG)			
98	(62)	BITSTRING	1	SSXLOG	LOG OPTION
		1		SSXASIS	"X'01'" LOG=ASIS

Table 18. Structure SSXSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... ..1.		SSXNFAIL	"X'02'" LOG=NFAIL
		11		SSXNSTAT	"X'03'" LOG=NSTAT
		.... .1..		SSXNONE	"X'04'" LOG=NONE
		Log String (LOGSTR)			
99	(63)	CHARACTER	256	SSXLGSTR(0)	Log String
99	(63)	CHARACTER	1	SSXLGSTL	Log String Length
100	(64)	CHARACTER	255	SSXLGSTF	Log String Field
		New Password (NEWPASS)			
355	(163)	CHARACTER	9	SSXNPASS(0)	New Password
355	(163)	CHARACTER	1	SSXNPASL	New Password Length
356	(164)	CHARACTER	8	SSXNPASF	New Password Field
		Password Checking Option (PASSCHK)			
364	(16C)	BITSTRING	1	SSXPASCK	Password Checking Option
		1		SSXPCYES	"X'01'" PASSCHK=YES
		.... ..1.		SSXPCNO	"X'02'" PASSCHK=NO
		Old Password (PASSWORD)			
365	(16D)	CHARACTER	9	SSXPASWD(0)	Password
365	(16D)	CHARACTER	1	SSXPASWL	Password Length
366	(16E)	CHARACTER	8	SSXPASWF	Password Field
		Port (Point) of Entry (POE)			
374	(176)	CHARACTER	8	SSXPOE	Port of Entry
		Receiving User Name (RECVR)			
382	(17E)	CHARACTER	8	SSXRECVR	Receiver Name
		Resource Token (RTOKEN)			
390	(186)	BITSTRING	1	SSXRTOKN	Resource Token
		Security Label (SECLABEL)			
470	(1D6)	CHARACTER	8	SSXSECLB	Security Label
		Submitter's Group (SGROUP)			
478	(1DE)	CHARACTER	9	SSXSGRP(0)	Submitter's Group
478	(1DE)	CHARACTER	1	SSXSGRPL	Submitter's Group Length
479	(1DF)	CHARACTER	8	SSXSGRPF	Submitter's Group Field
		Submitter's Node (SNODE)			
487	(1E7)	CHARACTER	9	SSXSNODE(0)	Submitter's Node
487	(1E7)	CHARACTER	1	SSXSNODL	Submitter's Node Length
488	(1E8)	CHARACTER	8	SSXSNODF	Submitter's Node Field

Table 18. Structure SSXSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		Submitter's Token (STOKEN)			
496	(1F0)	BITSTRING	1	SSXSTOKN	Submitter's Token
		Submitter's Userid (SUSERID)			
576	(240)	CHARACTER	9	SSXSUSRI(0)	Submitter's User id
576	(240)	CHARACTER	1	SSXSUSRL	Submitter's User id Length
577	(241)	CHARACTER	8	SSXSUSRF	Submitter's User id Field
		Input Token (TOKNIN)			
585	(249)	BITSTRING	1	SSXTOKIN	Input Token
		Output Token (TOKNOUT)			
665	(299)	BITSTRING	1	SSXTOKOT	Output Token
		Trusted User Attribute (TRUSTED)			
745	(2E9)	BITSTRING	1	SSXTRUST	Trusted User Attribute
		1		SSXTRYES	"X'01'" TRUSTED=YES
		.... ..1.		SSXTRNO	"X'02'" TRUSTED=NO
		User Id (USERID)			
746	(2EA)	CHARACTER	9	SSXUSERI(0)	User Id
746	(2EA)	CHARACTER	1	SSXUSERL	User Id Length
747	(2EB)	CHARACTER	8	SSXUSERF	User Id Field
		User Token (UTOKEN)			
755	(2F3)	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.			
836	(344)	SIGNED	4	SSXWORKA	SAF Work Area Address
		Miscellaneous Read/Write data that applies to the specific IATXSEC function being invoked. TSO Cancel Data.			
840	(348)	ADDRESS	4	SSXPSSCS	IEFSSCS address
844	(34C)	ADDRESS	4	SSXPTMID	Tso Terminal Id address
		Tokenout for REQUEST = TOKENMAP 0			
848	(350)	ADDRESS	4	SSXTKOUT	Address of Output Token 0040
		Session Type (SESSION)			
852	(354)	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

Table 18. Structure SSXSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... .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.			
853	(355)	BITSTRING	1	SSXRWRSF(3)	Reserved for Development
856	(358)	SIGNED	4	SSXRWRSD(2)	Reserved for Development 0040
864	(360)	SIGNED	4	SSXRWRSS(7)	RESERVED FOR SERVICE
		STARTED PROCEDURE NAME (START)			
892	(37C)	CHARACTER	8	SSXSTPRC	STARTED PROCEDURE NAME
		Input Service VERIFYX call			
900	(384)	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)			
904	(388)	CHARACTER	8	SSXCLASS	Resource Class
		Message Control Options (MSGCNTL)			
912	(390)	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)			
913	(391)	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

Table 18. Structure SSXSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		...1		SSXUSRMD	"X'10'" User Address Space Mode - Set when MODE=user is specified on IATXSEC macro
		Output Token Format (FORMOUT)			
914	(392)	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)			
915	(393)	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.			
916	(394)	ADDRESS	4	SSXENCRY	Address of length/data to be encrypted
920	(398)	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)
920	(398)	X'398'	0	SSXENCRT	"SSXENCME" Encryption attribute
		1		SSXENCYS	"X'01'" ENCRYPT=YES
		.... ..1.		SSXENCNO	"X'02'" ENCRYPT=NO
		Environment-Create or Delete ACEE (ENVIR) 0			
921	(399)	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)			
924	(39C)	SIGNED	4	SSXNJEJH	Address of NJE job header
928	(3A0)	SIGNED	4	SSXNJEDH	Address of NJE data set header
		Output Service Information (Traditional and FSS Writer as well as Process SYSOUT AUTH calls).			
932	(3A4)	SIGNED	2	SSXWPSLC	WSPSELC (Logical length of WSPSELM)
934	(3A6)	CHARACTER	8	SSXWJNAM	WTRDJNAM (Job Name)
942	(3AE)	CHARACTER	8	SSXWJBID	WTRDJID (Job Id)
950	(3B6)	BITSTRING	24	SSXDDSN	WTRDDSN (Writer DDname)
974	(3CE)	BITSTRING	16	SSXWPSLM	WSPSELM (Selection mask)

Table 18. Structure SSXSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
990	(3DE)	BITSTRING	1	SSXOPRTY	OSEPRTY (Priority of OSE)
991	(3DF)	BITSTRING	8	SSXODEST	OSEDEST (Destination)
999	(3E7)	CHARACTER	4	SSXOMDID	OSEMODID (Copy Mod Id)
1003	(3EB)	BITSTRING	1	SSXOSTCK	OSESTACK (Stacker required)
1004	(3EC)	CHARACTER	8	SSXOTYPE	OSETYPE (Requested type)
1012	(3F4)	CHARACTER	8	SSXOFRMS	OSEFORMS (Required forms)
1020	(3FC)	CHARACTER	4	SSXOFLSH	OSEFLASH (Required flash)
1024	(400)	CHARACTER	4	SSXOUCS	OSEUCS (Required UCS Id)
1028	(404)	BITSTRING	1	SSXOCLSS	OSECLASS (SYSOUT class)
1029	(405)	CHARACTER	8	SSXOMODE	OSEMODE (Process mode)
1037	(40D)	BITSTRING	1	SSXOFLAG	OSEFLAG (PSO/SAPI call only)
1038	(40E)	CHARACTER	8	SSXOWTRN	OSE WRITER NAME (PSO/SAPI)
1046	(416)	BITSTRING	1	SSXODISP	OSEODISP (PSO/SAPI call only)
1047	(417)	BITSTRING	1	SSXORSVD	Reserved for Development
1048	(418)	ADDRESS	4	SSXOSSSO	Pointer to PSO's IEFSSSO/ SAPI's IAZSSS2
1052	(41C)	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
1053	(41D)	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			
1054	(41E)	BITSTRING	1	SSX1FLAG	Flag 1
		1...		SSX1ENTX	"X'80'" SSXENTIT is in ENTITYX form
		.1..		SSX1F40	"X'40'" Reserved for IBM
		..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.			

Table 18. Structure SSXSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1055	(41F)	BITSTRING	1	SSXRORS1(3)	Reserved for IBM
1060	(424)	SIGNED	4	SSXRORSD(3)	Reserved for IBM
1072	(430)	SIGNED	4	SSXRORSS(10)	Reserved for IBM

Table 19. Cross Reference for IATYSSX

Name	Offset	Hex Tag
SSXAALTR	12	80
SSXACNTL	12	8
SSXACTIA	384	
SSXAREAD	12	2
SSXASIS	62	1
SSXATTR	12	
SSXAUCAN	10	702
SSXAUJVL	10	701
SSXAUPDT	12	4
SSXAUU01	10	7E0
SSXAUU02	10	7E1
SSXAUU03	10	7E2
SSXAUU04	10	7E3
SSXAUU05	10	7E4
SSXAUU06	10	7E5
SSXAUU07	10	7E6
SSXAUU08	10	7E7
SSXAUU09	10	7E8
SSXAUU10	10	7E9
SSXAUU11	10	7EA
SSXAUU12	10	7EB
SSXAUU13	10	7EC
SSXAUU14	10	7ED
SSXAUU15	10	7EE
SSXAUU16	10	7EF
SSXAUU17	10	7F0
SSXAUU18	10	7F1
SSXAUU19	10	7F2
SSXAUU20	10	7F3
SSXAUU21	10	7F4
SSXAUU22	10	7F5
SSXAUU23	10	7F6
SSXAUU24	10	7F7
SSXAUU25	10	7F8
SSXAUU26	10	7F9
SSXAUU27	10	7FA
SSXAUU28	10	7FB
SSXAUU29	10	7FC
SSXAUU30	10	7FD

Table 19. Cross Reference for IATYSSX (continued)

Name	Offset	Hex Tag
SSXAUU31	10	7FE
SSXAUU32	10	7FF
SSXCLASS	388	
SSXDDSN	3B6	
SSXDSN	41C	7
SSXENCME	398	0
SSXENCNO	398	2
SSXENCRT	398	398
SSXENCRY	394	
SSXENCYS	398	1
SSXENDES	398	80
SSXENHAS	398	20
SSXENINS	398	40
SSXENTIT	1C	
SSXENV	399	
SSXENVCR	399	1
SSXENVDL	399	2
SSXEXNDF	14	
SSXEXNDL	13	
SSXEXNOD	13	
SSXFOEXT	392	40
SSXFOINT	392	80
SSXFRMOT	392	0
SSXGROUF	52	
SSXGROUL	51	
SSXGROUP	51	
SSXIAALT	10	12B
SSXIACGP	10	12E
SSXIACMD	10	12C
SSXIACOD	10	13B
SSXIACOF	10	13A
SSXIACOI	10	138
SSXIACSF	10	139
SSXIACSI	10	137
SSXIADJ1	10	12D
SSXIADJ2	10	131
SSXIADMA	10	113
SSXIADMJ	10	112
SSXIAFG1	10	127
SSXIAGRO	10	11E
SSXIAGRP	10	11D
SSXIAGRW	10	130
SSXIAISC	10	10A
SSXIAISD	10	10C
SSXIAISO	10	10B
SSXIAMSM	10	114

Table 19. Cross Reference for IATYSSX (continued)

Name	Offset	Hex Tag
SSXIANIC	10	108
SSXIANJC	10	102
SSXIANJO	10	103
SSXIANOC	10	101
SSXIANOS	10	106
SSXIANOW	10	107
SSXIANRC	10	104
SSXIANRR	10	105
SSXIANSC	10	109
SSXIANUM	10	132
SSXIAOGC	10	118
SSXIAOGP	10	12F
SSXIAOSC	10	119
SSXIAOSD	10	115
SSXIAOSO	10	120
SSXIAOSP	10	116
SSXIAOSR	10	11F
SSXIAOSS	10	11A
SSXIAOSW	10	11B
SSXIAOS1	10	122
SSXIAOS2	10	124
SSXIAOS3	10	126
SSXIAPUR	10	11C
SSXIAREA	10	12A
SSXIASAL	10	135
SSXIASIA	10	10D
SSXIASIO	10	10F
SSXIASIR	10	111
SSXIASOC	10	10E
SSXIASOO	10	110
SSXIASRD	10	134
SSXIASRO	10	133
SSXIASWB	10	136
SSXIASWC	10	121
SSXIAUDT	10	7
SSXIAUG1	10	128
SSXIAUG2	10	129
SSXIAUTH	10	1
SSXIAU01	10	1E0
SSXIAU02	10	1E1
SSXIAU03	10	1E2
SSXIAU04	10	1E3
SSXIAU05	10	1E4
SSXIAU06	10	1E5
SSXIAU07	10	1E6
SSXIAU08	10	1E7

Table 19. Cross Reference for IATYSSX (continued)

Name	Offset	Hex Tag
SSXIAU09	10	1E8
SSXIAU10	10	1E9
SSXIAU11	10	1EA
SSXIAU12	10	1EB
SSXIAU13	10	1EC
SSXIAU14	10	1ED
SSXIAU15	10	1EE
SSXIAU16	10	1EF
SSXIAU17	10	1F0
SSXIAU18	10	1F1
SSXIAU19	10	1F2
SSXIAU20	10	1F3
SSXIAU21	10	1F4
SSXIAU22	10	1F5
SSXIAU23	10	1F6
SSXIAU24	10	1F7
SSXIAU25	10	1F8
SSXIAU26	10	1F9
SSXIAU27	10	1FA
SSXIAU28	10	1FB
SSXIAU29	10	1FC
SSXIAU30	10	1FD
SSXIAU31	10	1FE
SSXIAU32	10	1FF
SSXIAWD1	10	125
SSXIAWD2	10	123
SSXIBING	10	306
SSXIBINI	10	305
SSXIBISI	10	304
SSXIBISJ	10	303
SSXIBNIS	10	301
SSXIBNRS	10	302
SSXIBSAD	10	308
SSXIBSRL	10	307
SSXIBU01	10	3E0
SSXIBU02	10	3E1
SSXIBU03	10	3E2
SSXIBU04	10	3E3
SSXIBU05	10	3E4
SSXIBU06	10	3E5
SSXIBU07	10	3E6
SSXIBU08	10	3E7
SSXIBU09	10	3E8
SSXIBU10	10	3E9
SSXIBU11	10	3EA
SSXIBU12	10	3EB

Table 19. Cross Reference for IATYSSX (continued)

Name	Offset	Hex Tag
SSXIBU13	10	3EC
SSXIBU14	10	3ED
SSXIBU15	10	3EE
SSXIBU16	10	3EF
SSXIBU17	10	3F0
SSXIBU18	10	3F1
SSXIBU19	10	3F2
SSXIBU20	10	3F3
SSXIBU21	10	3F4
SSXIBU22	10	3F5
SSXIBU23	10	3F6
SSXIBU24	10	3F7
SSXIBU25	10	3F8
SSXIBU26	10	3F9
SSXIBU27	10	3FA
SSXIBU28	10	3FB
SSXIBU29	10	3FC
SSXIBU30	10	3FD
SSXIBU31	10	3FE
SSXIBU32	10	3FF
SSXID	0	E2E2E740
SSXIECOD	10	224
SSXIECOF	10	223
SSXIECOI	10	221
SSXIECSF	10	222
SSXIECSI	10	220
SSXIEDJN	10	201
SSXIEISJ	10	202
SSXIENPE	10	203
SSXIEU01	10	2E0
SSXIEU02	10	2E1
SSXIEU03	10	2E2
SSXIEU04	10	2E3
SSXIEU05	10	2E4
SSXIEU06	10	2E5
SSXIEU07	10	2E6
SSXIEU08	10	2E7
SSXIEU09	10	2E8
SSXIEU10	10	2E9
SSXIEU11	10	2EA
SSXIEU12	10	2EB
SSXIEU13	10	2EC
SSXIEU14	10	2ED
SSXIEU15	10	2EE
SSXIEU16	10	2EF
SSXIEU17	10	2F0

Table 19. Cross Reference for IATYSSX (continued)

Name	Offset	Hex Tag
SSXIEU18	10	2F1
SSXIEU19	10	2F2
SSXIEU20	10	2F3
SSXIEU21	10	2F4
SSXIEU22	10	2F5
SSXIEU23	10	2F6
SSXIEU24	10	2F7
SSXIEU25	10	2F8
SSXIEU26	10	2F9
SSXIEU27	10	2FA
SSXIEU28	10	2FB
SSXIEU29	10	2FC
SSXIEU30	10	2FD
SSXIEU31	10	2FE
SSXIEU32	10	2FF
SSXIEXTR	10	2
SSXIMAD1	10	416
SSXIMAD2	10	41B
SSXIMCD1	10	417
SSXIMDJ1	10	411
SSXIMDM1	10	410
SSXIMINI	10	40F
SSXIMISE	10	41C
SSXIMISJ	10	40D
SSXIMNIJ	10	404
SSXIMNIS	10	405
SSXIMNJJ	10	401
SSXIMNJU	10	407
SSXIMNRB	10	415
SSXIMNRJ	10	40A
SSXIMNRS	10	409
SSXIMNRT	10	40B
SSXIMNRX	10	40C
SSXIMNSD	10	402
SSXIMNSE	10	419
SSXIMNSJ	10	403
SSXIMNST	10	406
SSXIMNSX	10	408
SSXIMOSD	10	40E
SSXIMOSN	10	413
SSXIMOSO	10	412
SSXIMOS2	10	414
SSXIMSIP	10	41A
SSXIMSMP	10	420
SSXIMSTP	10	418
SSXIMSVJ	10	421

Table 19. Cross Reference for IATYSSX (continued)

Name	Offset	Hex Tag
SSXIMSVS	10	422
SSXIMU01	10	4E0
SSXIMU02	10	4E1
SSXIMU03	10	4E2
SSXIMU04	10	4E3
SSXIMU05	10	4E4
SSXIMU06	10	4E5
SSXIMU07	10	4E6
SSXIMU08	10	4E7
SSXIMU09	10	4E8
SSXIMU10	10	4E9
SSXIMU11	10	4EA
SSXIMU12	10	4EB
SSXIMU13	10	4EC
SSXIMU14	10	4ED
SSXIMU15	10	4EE
SSXIMU16	10	4EF
SSXIMU17	10	4F0
SSXIMU18	10	4F1
SSXIMU19	10	4F2
SSXIMU20	10	4F3
SSXIMU21	10	4F4
SSXIMU22	10	4F5
SSXIMU23	10	4F6
SSXIMU24	10	4F7
SSXIMU25	10	4F8
SSXIMU26	10	4F9
SSXIMU27	10	4FA
SSXIMU28	10	4FB
SSXIMU29	10	4FC
SSXIMU30	10	4FD
SSXIMU31	10	4FE
SSXIMU32	10	4FF
SSXINDEX	10	0
SSXINIMD	391	40
SSXITKBL	10	3
SSXITKMP	10	4
SSXITKXT	10	5
SSXIVDJ1	10	610
SSXIVDJ2	10	611
SSXIVDJ3	10	612
SSXIVFYX	10	6
SSXIVISJ	10	60D
SSXIVNIS	10	605
SSXIVNIU	10	606
SSXIVNJE	10	601

Table 19. Cross Reference for IATYSSX (continued)

Name	Offset	Hex Tag
SSXIVNJU	10	607
SSXIVNJV	10	604
SSXIVNOE	10	603
SSXIVNOI	10	602
SSXIVNRR	10	609
SSXIVNRS	10	60A
SSXIVNRU	10	60B
SSXIVRFY	10	8
SSXIVRJM	10	60E
SSXIVSNL	10	60F
SSXIVU01	10	6E0
SSXIVU02	10	6E1
SSXIVU03	10	6E2
SSXIVU04	10	6E3
SSXIVU05	10	6E4
SSXIVU06	10	6E5
SSXIVU07	10	6E6
SSXIVU08	10	6E7
SSXIVU09	10	6E8
SSXIVU10	10	6E9
SSXIVU11	10	6EA
SSXIVU12	10	6EB
SSXIVU13	10	6EC
SSXIVU14	10	6ED
SSXIVU15	10	6EE
SSXIVU16	10	6EF
SSXIVU17	10	6F0
SSXIVU18	10	6F1
SSXIVU19	10	6F2
SSXIVU20	10	6F3
SSXIVU21	10	6F4
SSXIVU22	10	6F5
SSXIVU23	10	6F6
SSXIVU24	10	6F7
SSXIVU25	10	6F8
SSXIVU26	10	6F9
SSXIVU27	10	6FA
SSXIVU28	10	6FB
SSXIVU29	10	6FC
SSXIVU30	10	6FD
SSXIVU31	10	6FE
SSXIVU32	10	6FF
SSXIXDMD	10	501
SSXIXDME	10	502
SSXIXJNW	10	503
SSXIXNUM	10	50A

Table 19. Cross Reference for IATYSSX (continued)

Name	Offset	Hex Tag
SSXIXPAL	10	508
SSXIXSAD	10	509
SSXIXSAL	10	50C
SSXIXSCN	10	506
SSXIXSIA	10	504
SSXIXSIC	10	505
SSXIXSIJ	10	507
SSXIXSIR	10	50B
SSXIXSWB	10	50D
SSXIXU01	10	5E0
SSXIXU02	10	5E1
SSXIXU03	10	5E2
SSXIXU04	10	5E3
SSXIXU05	10	5E4
SSXIXU06	10	5E5
SSXIXU07	10	5E6
SSXIXU08	10	5E7
SSXIXU09	10	5E8
SSXIXU10	10	5E9
SSXIXU11	10	5EA
SSXIXU12	10	5EB
SSXIXU13	10	5EC
SSXIXU14	10	5ED
SSXIXU15	10	5EE
SSXIXU16	10	5EF
SSXIXU17	10	5F0
SSXIXU18	10	5F1
SSXIXU19	10	5F2
SSXIXU20	10	5F3
SSXIXU21	10	5F4
SSXIXU22	10	5F5
SSXIXU23	10	5F6
SSXIXU24	10	5F7
SSXIXU25	10	5F8
SSXIXU26	10	5F9
SSXIXU27	10	5FA
SSXIXU28	10	5FB
SSXIXU29	10	5FC
SSXIXU30	10	5FD
SSXIXU31	10	5FE
SSXIXU32	10	5FF
SSXJDEL	41D	10
SSXJNEW	41D	40
SSXJOBNM	5A	
SSXJREP	41D	20
SSXJRFL1	41C	

Table 19. Cross Reference for IATYSSX (continued)

Name	Offset	Hex Tag
SSXJTYP	41D	70
SSXLCL	41C	4
SSXLGSTF	64	
SSXLGSTL	63	
SSXLGSTR	63	
SSXLOG	62	
SSXMCJES	390	4
SSXMCNTL	390	
SSXMCRTN	390	2
SSXMCWTO	390	1
SSXMODE	391	0
SSXNEVER	C	24
SSXNEWFL	41D	
SSXNFAIL	62	2
SSXNJEDH	3A0	
SSXNJEJH	39C	
SSXNONE	62	4
SSXNPASF	164	
SSXNPASL	163	
SSXNPASS	163	
SSXNSTAT	62	3
SSXNUCMD	391	80
SSXOCLSS	404	
SSXODEST	3DF	
SSXODISP	416	
SSXOFLAG	40D	
SSXOFLSH	3FC	
SSXOFRMS	3F4	
SSXOMDID	3E7	
SSXOMODE	405	
SSXOPRTY	3DE	
SSXORSVD	417	
SSXOSSSO	418	
SSXOSTCK	3EB	
SSXOTYPE	3EC	
SSXOUCS	400	
SSXOWTRN	40E	
SSXPASCK	16C	
SSXPASWD	16D	
SSXPASWF	16E	
SSXPASWL	16D	
SSXPCNO	16C	2
SSXPCYES	16C	1
SSXPOE	176	
SSXPRCS	41D	8
SSXPRG	41C	80

Table 19. Cross Reference for IATYSSX (continued)

Name	Offset	Hex Tag
SSXPSSCS	348	
SSXPTMID	34C	
SSXPWD	41D	80
SSXRECVR	17E	
SSXREMOT	393	
SSXRJP	41C	1
SSXRMNO	393	2
SSXRMYES	393	1
SSXRORSD	424	0
SSXRORSS	430	0
SSXRORS1	41F	0
SSXRTOKN	186	
SSXRWRSD	358	0
SSXRWRSF	355	0
SSXRWRSS	360	0
SSXSECLB	1D6	
SSXSFACC	7	0
SSXSFNDC	7	4
SSXSFREJ	7	8
SSXSFRET	7	0
SSXSGRP	1DE	
SSXSGRPF	1DF	
SSXSGRPL	1DE	
SSXSNODE	1E7	
SSXSNODF	1E8	
SSXSNODL	1E7	
SSXSPRET	8	0
SSXSPRSN	C	0
SSXSSEXB	354	1
SSXSSINB	354	2
SSXSSION	354	
SSXSSNJB	354	3
SSXSSNJO	354	5
SSXSSNJS	354	9
SSXSSRJB	354	4
SSXSSRJO	354	6
SSXSSSTR	354	7
SSXSSTKU	354	A
SSXSSTSO	354	8
SSXSTART	0	
SSXSTKMD	391	20
SSXSTOKN	1F0	
SSXSTPRC	37C	
SSXSUSRF	241	
SSXSUSRI	240	
SSXSUSRL	240	

Table 19. Cross Reference for IATYSSX (continued)

Name	Offset	Hex Tag
SSXTKOUT	350	
SSXTOKIN	249	
SSXTOKOT	299	
SSXTRNO	2E9	2
SSXTRUST	2E9	
SSXTRYES	2E9	1
SSXTSO	41C	2
SSXUSERF	2EB	
SSXUSERI	2EA	
SSXUSERL	2EA	
SSXUSRMD	391	10
SSXUTOKN	2F3	
SSXVFCRT	10	801
SSXVFDEL	10	802
SSXVFU01	10	8E0
SSXVFU02	10	8E1
SSXVFU03	10	8E2
SSXVFU04	10	8E3
SSXVFU05	10	8E4
SSXVFU06	10	8E5
SSXVFU07	10	8E6
SSXVFU08	10	8E7
SSXVFU09	10	8E8
SSXVFU10	10	8E9
SSXVFU11	10	8EA
SSXVFU12	10	8EB
SSXVFU13	10	8EC
SSXVFU14	10	8ED
SSXVFU15	10	8EE
SSXVFU16	10	8EF
SSXVFU17	10	8F0
SSXVFU18	10	8F1
SSXVFU19	10	8F2
SSXVFU20	10	8F3
SSXVFU21	10	8F4
SSXVFU22	10	8F5
SSXVFU23	10	8F6
SSXVFU24	10	8F7
SSXVFU25	10	8F8
SSXVFU26	10	8F9
SSXVFU27	10	8FA
SSXVFU28	10	8FB
SSXVFU29	10	8FC
SSXVFU30	10	8FD
SSXVFU31	10	8FE
SSXVFU32	10	8FF

Table 19. Cross Reference for IATYSSX (continued)

Name	Offset	Hex Tag
SSXVSCUR	4	1
SSXVSN	4	
SSXVSN1	4	1
SSXWJBID	3AE	
SSXWJNAM	3A6	
SSXWORKA	344	
SSXWPSLC	3A4	
SSXWPSLM	3CE	
SSX1ENTX	41E	80
SSX1FLAG	41E	
SSX1F01	41E	1
SSX1F02	41E	2
SSX1F04	41E	4
SSX1F08	41E	8
SSX1F10	41E	10
SSX1F20	41E	20
SSX1F40	41E	40
SSX58ACC	5	0
SSX58DUM	5	14
SSX58MAX	5	14
SSX58REJ	5	8
SSX58RTN	5	
SSX58SAU	5	C
SSX58SNU	5	10
SSX58UEF	5	4
SSX59ACC	6	0
SSX59DUM	6	10
SSX59MAX	6	10
SSX59REJ	6	8
SSX59RTN	6	
SSX59SAF	6	C
SSX59UEF	6	4

IATYSTA information

IATYSTA programming interface information

IATYSTA is a programming interface.

IATYSTA heading information

Common name:	JES3 Staging Area
Macro ID:	IATYSTA
DSECT name:	STADSECT
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	STAR Offset: STAID Length: L'STAID

Storage attributes:	Main Storage: Determined by JESXCF			
Size:	STASIZE			
Created by:	IATSSCM			
Pointed to by:	STACHAIN and STAPREV in IATYSTA DSQQHD and DSQQTAIL in IATYDSQ MPSTAGE and MPSTATL in IATYMPC			
Serialization:	NONE			
Function:	Used to contain the data describing requests for JES3 services, for transport to and from JES3 and related address spaces.			

IATYSTA mapping

Table 20. Structure STADSECT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	STADSECT	
0	(0)	SIGNED	4	STACHAIN	Pointer to next STAR
4	(4)	SIGNED	4	STAPREV	Pointer to previous STAR
8	(8)	CHARACTER	4	STAID	Staging Area ID
12	(C)	SIGNED	4	STABFLEN	Length of buffer for STAR
16	(10)	SIGNED	4	STARMPC	Address of sending MPC
20	(14)	BITSTRING	1	STARSVDC	Reserved for Development
21	(15)	ADDRESS	3	STATCBAD	Requesting job's TCB
24	(18)	SIGNED	2	STASEAID	ASID of requestor
26	(1A)	SIGNED	2	STAENVEL	Backward displacement from the start of this STAR to the start of the message envelope
28	(1C)	BITSTRING	8	STAMTOKN	Message token for this STAR
36	(24)	SIGNED	4	STAUWK	User Work Area
		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			
40	(28)	SIGNED	4	STASEC(0)	Beginning of common section
40	(28)	SIGNED	4	STAFSID(0)	Functional Subsystem ID
40	(28)	SIGNED	2	STAFSSID	FSS portion of FSID
42	(2A)	SIGNED	2	STAFSAID	FSA portion OF FSID
44	(2C)	BITSTRING	1	STATYPE	Request type
		SEL/STAR Request Types			
		1...		STAWAIT	"X'80'" Wait request
		.1..		STAREPLY	"X'40'" Reply request
		..1.		STACOMM	"X'20'" Communication request
		...1		STAACK	"X'10'" Acknowledgement request
		.... 1...		STARESP	"X'08'" Response request
		.... .1..		STAPURG	"X'04'" Purge request
		.... ..1.		STAEOMT	"X'02'" EOM/T request
45	(2D)	BITSTRING	1	STAFUNC	SSOB or DEST code
46	(2E)	BITSTRING	1	STAMOD	Request Modification number
47	(2F)	BITSTRING	1	STAREID	Receiving system ID (MPSYSID)
48	(30)	BITSTRING	1	STASEID	Sending system ID (SVTSYSID)

Table 20. Structure STADSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
49	(31)	BITSTRING	1	STAPRTY	Priority
50	(32)	BITSTRING	1	STAXRSD1(2)	Reserved for Development
52	(34)	SIGNED	4	STAXRSD2	Reserved for Development
56	(38)	SIGNED	4	STAXRSS	Reserved for Service
60	(3C)	SIGNED	4	STAFLAGA(0)	SEL/Staging area Flags
60	(3C)	BITSTRING	1	STAFLAG1	Flag Byte 1
		Definition of flags in SEL/STAR Flag byte #1			
		1...		STATJES3	"X'80'" Request is sent to JES3
		.1..		STAJES3	"X'40'" Requestor is JES3
		..1.		STATINDP	"X'20'" Request is task-independent 04067SLA
61	(3D)	BITSTRING	1	STAFLAG2	Flag byte 2
		Definition of flags in SEL/STAR Flag byte #2			
		..1.		STAGCC	"X'20'" GC Function Complete
62	(3E)	BITSTRING	0	STASECL(0)	Section length
62	(3E)	BITSTRING	1	STAFLAG3	Flag Byte 3
		Definition of flags in STAR Flag byte #3			
		1...		STARSDL	"X'80'" SA is residual over restart
		.1..		STARSNT	"X'40'" SA was resent over restart
		..1.		STARXTOK	"X'20'" Reply exit will purge original request
		.... 1...		STAIPLD	"X'08'" SA from an IPL'd local
63	(3F)	BITSTRING	1	STAFLAG4	Flag Byte 4
		Definition of flags in STAR Flag byte #4			
64	(40)	BITSTRING	1	STAUFLG	User Flags
		Definition of flags in STAUFLG			
		1...		STACTIVE	"X'80'" Active Staging area
		.1..		STADYNQD	"X'40'" SA queued for DYNAL
		..1.		STADTMDS	"X'20'" DYN SA sent to MDS
		...1		STARECUR	"X'10'" Staging area recursion, set after STAR processed by a JESTAE/ RETRY. Used to prevent recursive ABENDs.
		.... 1...		STACOMP	"X'08'" Staging area processing is complete
		.... ..1.		STAINCOM	"X'02'" Staging area processing incomplete
65	(41)	BITSTRING	1	STARSVS1(3)	Reserved for Service
68	(44)	SIGNED	4	STATIMES	Time stamp, used by JMF
72	(48)	DBL WORD	8	STATODC	Time-of-day clock from SSCM
80	(50)	SIGNED	4	STARESU	Reserved for User
84	(54)	SIGNED	4	STARSDV(2)	Reserved for Development
92	(5C)	SIGNED	2	STARSDH	Reserved for Development

Table 20. Structure STADSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
92	(5C) X'5E'		0	STAHDLEN	"*-STADSECT" Length of standard header
	STANDARD-LENGTH STAGING AREAS ARE GOTTEN FROM A QUICK-CELL POOL WITH A CELL LENGTH OF 1024 BYTES. THE LAST FULL WORD IN EACH CELL IS USED BY QUICK-CELL. THE REMAINDER OF THE STAGING AREA, LESS THE STANDARD HEADER, IS AVAILABLE FOR USER DATA.				
92	(5C) X'3A2'		0	STAULEN	"1024-STAHDLEN" LENGTH OF USER DATA AREA
94	(5E)	BITSTRING	0	STADATA(0)	DATA AREA
94	(5E)	SIGNED	2	STARECL	DATA RECORD LENGTH
96	(60)	CHARACTER	1	STASDAT(0)	USER DATA TO BE SENT
	MDSZE = 4080 - (IOSBE-IOSB+SRBE-SRB+STAHDLEN)				
96	(60) X'EBA'		0	STAMDSZE	"3770" MAX GETMAINED DATA SIZE
96	(60) X'400'		0	STAEND	"*" END OF STAGING AREA
96	(60) X'3A2'		0	STADSZE	"(STAEND-STADATA)" SIZE OF DATA SECTION
96	(60) X'400'		0	STASIZE	"(STAEND-STADSECT)" SIZE OF STAGING AREA
1024	(400) DBL WORD		8	STAGEND(0)	END ALIGNED ON DBLWORD BDRY
1024	(400) X'400'		0	STAGSIZE	"(STAGEND-STADSECT)" SIZE OF STAR ON DW BDRY
1024	(400) X'EA02'		0	STAMXDSZ	"60000-STAHDLEN" Maximum amount of data supported by JESXCF that can be transported in a staging area
	IF THE LENGTH OF THE STAGING AREA AS DEFINED HERE EXCEEDS 1024 BYTES, THE FOLLOWING STATEMENT WILL CAUSE AN ASSEMBLY ERROR.				
1024	(400)	BITSTRING	1	STALTEST(0)	ENSURE LENGTH LT 1025

Table 21. Cross Reference for IATYSTA

Name	Offset	Hex Tag
STAACK	2C	10
STABFLEN	C	0
STACHAIN	0	0
STACOMM	2C	20
STACOMP	40	8
STACTIVE	40	80
STADATA	5E	
STADSECT	0	
STADSZE	60	3A2
STADTMDS	40	20
STADYNQD	40	40
STAEND	60	400
STAENVEL	1A	0
STAEOMT	2C	2
STAFLAGA	3C	
STAFLAG1	3C	0

Table 21. Cross Reference for IATYSTA (continued)

Name	Offset	Hex Tag
STAFLAG2	3D	0
STAFLAG3	3E	0
STAFLAG4	3F	0
STAFSAID	2A	0
STAFSID	28	
STAFSSID	28	0
STAFUNC	2D	0
STAGCC	3D	20
STAGEND	400	
STAGSIZE	400	400
STAHDLEN	5C	5E
STAID	8	E2E3C1D9
STAINCOM	40	2
STAIPLD	3E	8
STAJES3	3C	40
STALTEST	400	
STAMDSZE	60	EBA
STAMOD	2E	0
STAMTOKN	1C	0
STAMXDSZ	400	EA02
STAPREV	4	0
STAPRTY	31	0
STAPURG	2C	4
STARECL	5E	0
STARECUR	40	10
STAREID	2F	0
STAREPLY	2C	40
STARESP	2C	8
STARESU	50	0
STARMPC	10	0
STARSDH	5C	0
STARSDL	3E	80
STARSDV	54	0
STARSNT	3E	40
STARSVDC	14	0
STARSVS1	41	0
STARXTOK	3E	20
STASDAT	60	40404040
STASEAID	18	0
STASEC	28	
STASECL	3E	
STASEID	30	0
STASIZE	60	400
STATCBAD	15	
STATIMES	44	0
STATINDP	3C	20

Table 21. Cross Reference for IATYSTA (continued)

Name	Offset	Hex Tag
STATJES3	3C	80
STATODC	48	0
STATYPE	2C	0
STAUFLG	40	0
STAULEN	5C	3A2
STAUWK	24	0
STAWAIT	2C	80
STAXRSD1	32	0
STAXRSD2	34	0
STAXRSS	38	0

IATYSTT information

IATYSTT heading information

Common name:	SINGLE TRACK TABLE (STT)
Macro ID:	IATYSTT
DSECT name:	STTSTART, STTENTRY
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	STT Offset: STTID Length: 4
Storage attributes:	Auxiliary Storage: N/A Subpool: 0 (JESPOOL) Key: 1 (JESKEY) Residency: ANY
Size:	STTHDSZ (FOR STTSTART), STTFIXL (FOR STTENTRY)
Created by:	IATINST (FOR MAIN STT), IATDMST (FOR EXPANSION STT)
Pointed to by:	JBTSTT IN IATYJBT, STTEXPND ROUTINE IN IATDMST
Serialization:	NONE
Function:	This macro describes Single Track Table (STT) entries.

IATYSTT mapping

Table 22. Structure STTSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	STTSTART	
0	(0)	CHARACTER	4	STTID	DATA AREA IDENTIFIER
4	(4)	ADDRESS	4	STTNEXT	ADDRESS OF NEXT STT, IF ANY
8	(8)	SIGNED	4	STTSIZE	TOTAL STT SIZE, IN BYTES
12	(C)	ADDRESS	4	STTSCAN	STT FIXED SEGMENT FOR NEXT REQUEST
16	(10)	SIGNED	2	STTSCANL	NUMBER OF FIXED SEGMENTS REMAINING
18	(12)	SIGNED	2	STTNSTT	NUMBER OF FIXED SEGMENTS THIS STT
20	(14)	BITSTRING	1	STTFLG1	CONTROL FLAG
				DEFINITION OF BITS IN STTFLG1	

Table 22. Structure STTSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		STTJCT	"X'80'" THIS STT FOR JCT DATASET
		.1..		STTCKEXT	"X'40'" CHECKPOINT EXT FOR EXPANSION SEGMENT
		..1.		STTPRIM	"X'20'" BIT ON = STT PRIMARY SEGMENT. BIT OFF = STT EXPANSION SEGMENT.
		...1		STTMVACT	"X'10'" STT move is active
21	(15)	BITSTRING	1	STTRSVU	RESERVED FOR USER
22	(16)	SIGNED	2	STTRSVD	RESERVED FOR DEVELOPMENT
22	(16)	X'18'	0	STTHDEND	"*" END OF FIXED PORTION.
22	(16)	X'18'	0	STTHDSZ	"STTHDEND-STTSTART" SIZE OF HEAD PORTION

Table 23. Structure STTENTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	STTENTRY	
0	(0)	SIGNED	4	STTRECCT	Number of spool records in this STT segment
4	(4)	SIGNED	2	STTERSVD	Reserved for development/service
6	(6)	BITSTRING	1	STTSPADR	M.R OF FIRST RECORD IN STT
6	(6)	X'6'	0	STTSPMOD	"STTSPADR,L'FDBSPMOD" MODULE NUMBER OF SPOOL EXT
6	(6)	X'8'	0	STTSPREC	"STTSPADR+L'FDBSPMOD,L'FDBSPREC" RECORD NUM OF EXT
12	(C)	SIGNED	4	STTAVAIL	Number of available records
16	(10)	SIGNED	4	STTLEN	Size of this entry in bytes
20	(14)	BITSTRING	1	STTEFLG1	ENTRY CONTROL FLAG
	DEFINITION OF STTEFLG1				
		1...		STTBDTRK	"X'80'" BADTRACK FOR THIS EXTENT
		.1..		STTDRAIN	"X'40'" DRAINED STT ENTRY
20	(14)	X'15'	0	STTBITS	"*" START OF BIT MAP
20	(14)	X'15'	0	STTFIXL	"STTBITS-STTENTRY" SIZE OF FIXED AREA.

Table 24. Structure STTMDSCT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	STTMDSCT	
0	(0)	CHARACTER	4	STTMID	File ID in EBCDIC
4	(4)	BITSTRING	1	STTMEID	Entry ID (see below)
5	(5)	BITSTRING	1	STTMRSVD	Reserved for IBM 17338TBA
6	(6)	BITSTRING	1	STTMFLAG	Entry flags
	Definition of STTMFLAG				
		1...		STTMACC	"X'80'" ID being accessed

Table 24. Structure STTMDSCT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.1..		STTMREFR	"X'40'" The checkpoint FDB was refreshed
		.... ..1.		STTMEXRT	"X'02'" Field STTMOVEA represents a move routine address
		1		STTMBUFA	"X'01'" Work FDB keeps buffers in storage
7	(7)	BITSTRING	1	STTMDSPN	DSP number of lock holder
8	(8)	DBL WORD	8	STTMTOD	Lock time TOD stamp 17338TBA
16	(10)	ADDRESS	4	STTMFCTA	FCT address of lock holder
20	(14)	ADDRESS	4	STTMFDBA	Address of the root FDB
24	(18)	ADDRESS	4	STTMOVEA	Move routine address if any
28	(1C)	SIGNED	4	STTMRSV2	Reserved for IBM

-- 17338TBA
       Trace entries (oldest first) 17338TBA
-- 17338TBA

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
32	(20)	BITSTRING	2	STTMT1RS	Reserved for IBM 17338TBA
34	(22)	BITSTRING	1	STTMT1FL	Flags 17338TBA
35	(23)	BITSTRING	1	STTMT1DS	DSP number 17338TBA
36	(24)	BITSTRING	8	STTMT1TM	TOD 17338TBA
44	(2C)	SIGNED	4	STTMT1FC	FCT address 17338TBA
48	(30)	BITSTRING	2	STTMT2RS	Reserved for IBM 17338TBA
50	(32)	BITSTRING	1	STTMT2FL	Flags 17338TBA
51	(33)	BITSTRING	1	STTMT2DS	DSP number 17338TBA
52	(34)	BITSTRING	8	STTMT2TM	TOD 17338TBA
60	(3C)	SIGNED	4	STTMT2FC	FCT address 17338TBA
60	(3C)	X'40'	0	STTMEND	"*" End of table entry 16898TBA
60	(3C)	X'E'	0	STTMTRSZ	"*-STTMT2FL" Size of one trace entry 17338TBA
60	(3C)	X'40'	0	STTMESZE	"*-STTMDSCT" Entry size

				List of checkpoint Id constants	
60	(3C)	X'1'	0	STTIBCK	"1" BCK id
60	(3C)	X'2'	0	STTICSB	"2" CSB id
60	(3C)	X'3'	0	STTIDDC	"3" DDC id
60	(3C)	X'4'	0	STTIDLF	"4" DLF id
60	(3C)	X'5'	0	STTIDMP	"5" DMP id
60	(3C)	X'6'	0	STTIDYN	"6" DYN id
60	(3C)	X'7'	0	STTIFCK	"7" FCK id
60	(3C)	X'8'	0	STTIGMS	"8" GMS id
60	(3C)	X'9'	0	STTIJST	"9" JST id
60	(3C)	X'A'	0	STTILCP	"10" LCP id
60	(3C)	X'B'	0	STTINCB	"11" NCB id
60	(3C)	X'C'	0	STTINCK	"12" NCK id
60	(3C)	X'D'	0	STTIOCK	"13" OCK id
60	(3C)	X'E'	0	STTIOSC	"14" OSC id
60	(3C)	X'F'	0	STTISMR	"15" SMR id
60	(3C)	X'10'	0	STTITCK	"16" TCK id

Table 24. Structure STTMDSCT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
60	(3C)	X'11'	0	STTIVUT	"17" VUT id
60	(3C)	X'12'	0	STTIRES	"18" RES id
60	(3C)	X'12'	0	STTIMAX	"18" Maximum value

Table 25. Cross Reference for IATYSTT

Name	Offset	Hex Tag
STTAVAIL	C	
STTBDTRK	14	80
STTBITS	14	15
STTCKEXT	14	40
STTDRAIN	14	40
STTEFLG1	14	
STTENTRY	0	
STTERSVD	4	
STTFIXL	14	15
STTFLG1	14	
STTHDEND	16	18
STTHDSZ	16	18
STTIBCK	3C	1
STTICSB	3C	2
STTID	0	
STTIDDC	3C	3
STTIDLF	3C	4
STTIDMP	3C	5
STTIDYN	3C	6
STTIFCK	3C	7
STTIGMS	3C	8
STTIJST	3C	9
STTILCP	3C	A
STTIMAX	3C	12
STTINCB	3C	B
STTINCK	3C	C
STTIOCK	3C	D
STTIOSC	3C	E
STTIRES	3C	12
STTISMR	3C	F
STTITCK	3C	10
STTIVUT	3C	11
STTJCT	14	80
STTLEN	10	
STTMACC	6	80
STTMBUFA	6	1
STTMDSCT	0	
STTMDSPN	7	
STTMEID	4	

Table 25. Cross Reference for IATYSTT (continued)

Name	Offset	Hex Tag
STTMEND	3C	40
STTMESZE	3C	40
STTMEXRT	6	2
STTMFCTA	10	
STTMFDBA	14	
STTMFLAG	6	
STTMID	0	
STTMOVEA	18	
STTMREFR	6	40
STTMRSVD	5	
STTMRSV2	1C	
STTMTOD	8	
STTMTRSZ	3C	E
STTMT1DS	23	
STTMT1FC	2C	
STTMT1FL	22	
STTMT1RS	20	
STTMT1TM	24	
STTMT2DS	33	
STTMT2FC	3C	
STTMT2FL	32	
STTMT2RS	30	
STTMT2TM	34	
STTMVACT	14	10
STTNEXT	4	
STTNSTT	12	
STTPRIM	14	20
STTRECCT	0	
STTRSVD	16	
STTRSVU	15	
STTSCAN	C	
STTSCANL	10	
STTSIZE	8	
STTSPADR	6	
STTSPMOD	6	6
STTSPREC	6	8
STTSTART	0	

IATYSUP information

IATYSUP programming interface information

The following fields are **<u>NOT</u>** programming interface information:

- SUPADD
- SUPLNOBF
- SUPLNRTT

- SUPRMBUF
- SUPRMRTT
- SUPRMUSR
- SUPUCB

IATYSUP heading information

Common name:	FORMAT OF EACH SUPPORT UNITS TABLE ENTRY
Macro ID:	IATYSUP
DSECT name:	SUPSTART, SUPFSTBL, SUPINISH, SUPRMDEV, SUPLINE
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Main Storage: JESPOOL Auxiliary Storage: N/A
Size:	SUPSTART - SUPFSSIZ SUPFSTBL - SUPFSTLN SUPINISH - SUPISIZ SUPRMDEV - SUPRSIZE SUPLINE - SUPLINSZ
Created by:	IATINDEV
Pointed to by:	CONSUP in IATYCND DVESUP in IATYDVE GLADDR im IATYFCT FSASUPPT in IATYFSA LCBFISU in IATYLCB LCBFOSUP in IATYLCB MPSYSADD in IATYMPC RDSSUP in IATYRDS RTTSUPAD in IATYRLT SRDFPTR in IATYSRD SRDFPUN in IATYSRD SUPCHAIN in IATYSUP SUPGRPCH in IATYSUP SUPLNSAD in IATYSUP SUPRMSAD in IATYSUP SUPTYPCH in IATYSUP PRSUPADD in IATYTPR TPSUPADD in IATYTPR PRTAB in IATYTVT PUNTAB in IATYTVT RJDISUP in IATYRJDI SUPUNITS in IATYTVT SYSTAB in IATYTVT WSBSUPAD in IATYWSB WSPASUP in IATYWSP WTRDINTS in IATYWTR WTRDSUPI in IATYWTR WTRDSUPO in IATYWTR WTROSUPO in IATYWTR TVTNTSV in IATYTVT
Serialization:	None
Function:	THE SUPUNITS TABLE PROVIDES INFORMATION ON THE CURRENT STATUS OF GLOBAL DEVICES.

IATYSUP mapping

Table 26. Structure SUPSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SUPSTART	
0	(0)	CHARACTER	8	SUPTYPE(0)	SUPPORT DEVICE TYPE
0	(0)	CHARACTER	3	SUPTGEN	GENERAL DEVICE TYPE
3	(3)	CHARACTER	5	SUPTSPEC	SPECIFIC DEVICE TYPE
8	(8)	CHARACTER	8	SUPDD	SUPPORT DEVICE DDNAME

Table 26. Structure SUPSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
16	(10)	CHARACTER	8	SUPGROUP	DEVICE ORIGIN GROUP NAME
24	(18)	ADDRESS	4	SUPCHAIN	NEXT SUPUNITS ENTRY ADDRESS
28	(1C)	ADDRESS	4	SUPTYPCH	NEXT ENTRY OF SAME GEN TYPE
32	(20)	ADDRESS	4	SUPGRPCH	NEXT ENTRY OF SAME GROUP
36	(24)	ADDRESS	4	SUPDCT(0)	RJP DCT ADDRESS
36	(24)	ADDRESS	4	SUPADD	SYSUNITS ENTRY ADDRESS
36	(24)	X'26'	0	SUPSYSIX	"SUPADD+2,2" SYSUNITs index that was assigned (valid during JES3 initialization only)
40	(28)	ADDRESS	4	SUPUCB	SUPPORT DEVICE UCB ADDRESS
44	(2C)	ADDRESS	4	SUPDEVAD	SUPPORT DEVICE NUMBER
48	(30)	ADDRESS	4	SUPUCB2(0)	ALT PATH CTC UCB ADDR
		5 lines deleted by apar OW43908			
48	(30)	ADDRESS	4	SUPDCB	DCB ADDRESS
52	(34)	SIGNED	4	SUPDVAD2(0)	ALT PATH CTC DEV NUMBER
52	(34)	ADDRESS	4	SUPRSVR1	Reserved for service

```
 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 26. Structure SUPSTART (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			

56	(38)	SIGNED	4	SUPCNDB(0)	IATYCNDB.27: based variable for storage mapping
56	(38)	SIGNED	4		Four byte console id 0176
60	(3C)	CHARACTER	4		IATYCNDB eyecatcher
64	(40)	ADDRESS	4		IATYCNDB version
68	(44)	BITSTRING	8		Reserved for development
76	(4C)	BITSTRING	8		Console Name 0176
84	(54)	BITSTRING	24		Reserved for development
108	(6C)	SIGNED	2		Reserved for development
110	(6E)	BITSTRING	40		Reserved for development
150	(96)	SIGNED	2	SUPTOTL	TOTAL SIZE OF THIS ENTRY
152	(98)	SIGNED	2	SUPLRECL	EXCHANGE RECORD LENGTH
154	(9A)	BITSTRING	1	SUPFLAG0	EXCH PRT TYPE FLAGS
		1...		SUPF0EX	"X'80'" EXCHANGE DEVICE
		.1..		SUPF0BEX	"X'40'" BASIC EXCHANGE DEVICE
		..1.		SUPFL0VF	"X'20'" IND. SEND NO SVF
		...1		SUPFDENS	"X'10'" SEND LINE DENSITY W/SVF
		.... 1...		SUPPDALL	"X'08'" SEND PDIR ALL DATA SETS
		.... ..1.		SUPFL0ED	"X'02'" IND. EDS FOR SETUP
155	(9B)	BITSTRING	1	SUPESADR	EXCHANGE DEVICE SUBADDR
156	(9C)	SIGNED	2	SUPRSVDU(2)	RESERVED FOR USER
160	(A0)	SIGNED	4	SUPFLAGS(0)	SUPUNITS FLAG BYTES
160	(A0)	BITSTRING	1	SUPFLAG1	SUPUNITS FLAG 1
		DEFINITION OF SUPFLAG1			
		1...		SUPOFFLN	"X'80'" DEVICE VARIED OFFLINE
		.1..		SUPRJPOF	"X'40'" REMOTE DEVICE NOT AVAILABLE
		..1.		SUPSHARE	"X'20'" DEVICE SHARED WITH MAIN
		...1		SUPPON	"X'10'" VARY ONLINE IN PROGRESS
		.... 1...		SUPGPASG	"X'08'" DEVICE'S GROUP IS ASSIGNED
		.... .1..		SUPALLOC	"X'04'" OS ALLOCATED
		.... ..1.		SUP3211W	"X'02'" 3211 WORK AREA OBTAINED
		1		SUPPWTR	"X'01'" DYNAMIC WRITER PENDING
161	(A1)	BITSTRING	1	SUPFLAG2	SUPUNITS FLAG 2
		DEFINITION OF SUPFLAG2			
		1...		SUPRJPLN	"X'80'" RJP LINE
		.1..		SUPRJPDV	"X'40'" RJP DEVICE

Table 26. Structure SUPSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		SUPRJPAL	"X'20'" RJP DEVICE IS ALLOCATED
		...1		SUPRJPAB	"X'10'" RJP LINE IS ABORTING
		.... 1...		SUPCONDV	"X'08'" CONSOLE DEVICE
		.... .1..		SUPCONAL	"X'04'" CONSOLE DEVICE ALLOCATED
		.... ..1.		SUPWTRTM	"X'02'" WTR WILL TERMINATE ON COMPL
		1		SUPRJBST	"X'01'" RJP BRST OR HDR
162	(A2)	BITSTRING	1	SUPRSVD4	RESERVED FOR DEVELOPMENT
163	(A3)	BITSTRING	1	SUPFLAGX	ASYNCHRONOUSLY CHANGING FLAG
		DEFINITION OF SUPFLAGX THIS FLAG MUST BE MODIFIED WITH THE SUPFLAG MACRO (COMPARE AND SWAP)			
		1...		SUPNTRDY	"X'80'" DEVICE NOT READY
		.1..		SUPSNBDS	"X'40'" SNA BDS IS PENDING
164	(A4)	ADDRESS	4	SUPRSVS1	RESERVED FOR SERVICE
168	(A8)	BITSTRING	1	SUPFLAG3	FLAG BYTE
168	(A8)	X'A8'	0	SUPSNA	"SUPFLAG3" SNA RJP DEVICE FLAG
		1...		SUPSNADV	"X'80'" SNA RJP DEVICE MASK
		.1..		SUPSNANS	"X'40'" NO SESSION AVLABL FOR CONS
		..1.		SUPSNAEJ	"X'20'" SEND EJECT FOR SIM CONSOLE
		...1		SUPRJPAC	"X'10'" SNA CONSOLE ACTIVE
		.... 1...		SUPJUNIT	"X'08'" JUNIT PARAMETER SPECIFIED
		.... .1..		SUPRAVAL	"X'04'" Remote console is available (RTT and SUP connection is valid)
169	(A9)	BITSTRING	1	SUPFLAG4	FLAGS
		DEFINITION OF SUPFLAG4			
		1...		SUPCHOR	"X'80'" CHANNEL-ORIENTED. COMPLETION AT CHANNEL END OR DEV END
		.1..		SUPNJESN	"X'40'" VARIED OFF BY IATNTSD
		..1.		SUPAMBIG	"X'20'" DEVICE NUMBER IN SUPDEVAD IS AMBIGUOUS - SUPDD (JNAME) MUST BE USED
		...1		SUPFSS	"X'10'" DEVICE MAY BE FSS SUPPORTED
		.... 1...		SUPVRSET	"X'08'" RMT DEV'S REQ SETUP AFTER VARY OFF
		.... .1..		SUPSWTR	"X'04'" SELECTIVE WTR START
		.... ..1.		SUPFSSO	"X'02'" FSS ONLY OPERATED DEVICE
		1		SUPOFFP	"X'01'" DEV OFFLINE DUE TO NO PATHS
170	(AA)	BITSTRING	1	SUPFLAG5	Flag 5
		Definition of SUPFLAG5			
		1...		SUPDYNAD	"X'80'" This device was added dynamically via the *F,CONFIG command
		.1..		SUPDYNCU	"X'40'" This device was added by the current *F,CONFIG command
		..1.		SUPDYNFS	"X'20'" This FSS device was added by the most current *F,CONFIG command

Table 26. Structure SUPSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		...1		SUPASNRQ	"X'10'" Device assignment is required even though the FSS associated with this device is active
		.... 1...		SUPDEFSM	"X'08'" Device is a default SYSMAIN
171	(AB)	BITSTRING	1	SUPRSVD1	RESERVED FOR DEVELOPMENT
172	(AC)	SIGNED	2	SUPCHNSZ	Default chain size for this device
174	(AE)	SIGNED	2	SUPRSVD2	Reserved for development
176	(B0)	SIGNED	4	SUPRSVS2	RESERVED FOR SERVICE
180	(B4)	SIGNED	4	SUPRSVU2	RESERVED FOR USER
184	(B8)	SIGNED	4	SUPFEND(0)	END OF FIXED AREA
		For NETSERVs, IATYNTSV information follows SUPFEND contiguously in storage.			
184	(B8)	BITSTRING	1	SUPFSIZE(0)	SUPUNITS FIXED SIZE
		FORMAT OF PRINT/PUNCH VARIABLE SEGMENT			
184	(B8)	CHARACTER	8	SUPFORMS	CURRENT FORMS
192	(C0)	SIGNED	4	SUPTABRC(0)	VALID TRC'S - 3800
192	(C0)	ADDRESS	4	SUPTRTAB	ADDRESS OF TRANSLATE TABLE
196	(C4)	BITSTRING	1	SUPPRFL1	EXTENSION FLAG BYTE 1
		DEFINITION OF SUPPRFL1			
		1...		SUPFRSET	"X'80'" FORMS CAN'T BE CHANGED
		.1..		SUPTRSET	"X'40'" TRAIN CAN'T BE CHANGED
		..1.		SUPFLSET	"X'20'" FLASH CAN'T BE CHANGED
		...1		SUPCMSET	"X'10'" COPY MOD CAN'T BE CHANGED
		.... 1...		SUPSTSET	"X'08'" STACKER CAN'T BE CHANGED
		.... .1..		SUPCTSET	"X'04'" CTAPE/FCB CAN'T BE CHANGED
		.... ..1.		SUPCLPRJ	"X'02'" CLRPRT AT JOB LEVEL
		1		SUPCLPRD	"X'01'" CB=D CODED ON DEVICE CARD
		IF BOTH SUPCLPRJ AND SUPCLPRD ARE OFF, CB=N IS IN EFFECT.			
197	(C5)	BITSTRING	1	SUPPRFL2	EXTENSION FLAG BYTE 2
		DEFINITION OF SUPPRFL2			
		1...		SUPXLATE	"X'80'" DEVICE REQUIRES TRANSLATE
		.1..		SUPHEADR	"X'40'" HEADER RECORDS REQUIRED
		..1.		SUPBURST	"X'20'" BURST RECORDS REQUIRED
		...1		SUPPRMAN	"X'10'" MANUAL MODE
		.... 1...		SUPLNMAX	"X'08'" LNL IS MAX VALUE
		.... .1..		SUPPRSET	"X'04'" SETPRT ACTIVE THIS PRTR.
		.... ..1.		SUPMARK	"X'02'" MARK FORMS REQUIRED
		1		SUPSETUP	"X'01'" DEVICE HAS BEEN SETUP
198	(C6)	BITSTRING	1	SUPPRFL3	FLAG BYTE 3
		DEFINITION OF SUPPRFL3.			

Table 26. Structure SUPSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		SUPBTSS	"X'80'" DEVICE HAS BTSS
		.1..		SUPCGS2	"X'40'" DEVICE HAS CGS = 2
		..1.		SUPUCSOP	"X'20'" DEVICE HAS UCS FEATURE
		...1		SUPWTRE	"X'10'" OWNING WTR FCT TERMINATING
		.... 1...		SUPPPS	"X'08'" PAGE PRINTING DEVICE
		.... .1..		SUP3525R	"X'04'" D/T3525 READ FEATURE
		.... ..1.		SUPDVAVL	"X'02'" DEVICE AVAIL FOR USE
		1		SUPDIAG	"X'01'" DIAGNOSTIC MODE
199	(C7)	BITSTRING	1	SUPMODRC	COPY MOD REFERENCE CHAR.
200	(C8)	BITSTRING	1	SUPPMCT	PROCESS MODE LIST COUNT
201	(C9)	BITSTRING	8	SUPPMPT	PROCESS MODE LIST INDEXES
209	(D1)	BITSTRING	3	SUPRSV02	RESERVED FOR SERVICE
212	(D4)	SIGNED	4	SUPPRLNL	DEVICE RECORD LIMIT
216	(D8)	BITSTRING	1	SUPINCNT	INPUT READ SIZE
217	(D9)	CHARACTER	1	SUPSTACK	CURRENT STACKER
217	(D9)	X'C3'	0	SUPCFS	"C'C'" CONTINUOUS FORMS STACKER
217	(D9)	X'E2'	0	SUPBTS	"C'S'" BURSTER-TRIMMER-STACKER USED
218	(DA)	SIGNED	2	SUPCKPNT	CHECKPOINT INTERVAL
220	(DC)	CHARACTER	4	SUPUCS(4)	CURRENT IMAGE ID'S
236	(EC)	CHARACTER	8	SUPCARR	CURRENT CTAPE/FCB ID
244	(F4)	CHARACTER	4	SUPFLASH	CURRENT FLASH ID
248	(F8)	CHARACTER	4	SUPMODID	CURRENT COPY MOD ID
252	(FC)	SIGNED	2	SUPFCKPT	CHECKPOINT INTERVAL PAGE/SEC
254	(FE)	BITSTRING	2	SUPRSVS4	RESERVED FOR SERVICE
256	(100)	ADDRESS	4	SUPWAREA	ADDR OF WRITER WORK AREA
260	(104)	BITSTRING	1	SUPCMFLG	PRINTER DEVICE COMPATIBILITY
		DEFINITION OF SUPCMFLG			
		1...		SUP3211	"X'80'" 3211-COMPATIBLE DEVICE
		.1..		SUP4245	"X'40'" 4245-COMPATIBLE DEVICE
		..1.		SUP3800	"X'20'" 3800-COMPATIBLE DEVICE - 3800 MOD 3 OR 3800 MOD 8
		...1		SUP3820	"X'10'" 3820-COMPATIBLE DEVICE
		.... 1...		SUPAFP1	"X'08'" AFP1-COMPATIBLE DEVICE
261	(105)	BITSTRING	1	SUPPRFL4	EXTENSION FLAG BYTE 4
		DEFINITION OF SUPPRFL4			
		1...		SUPPGMAX	"X'80'" IF ON, SUPPGLIM IS MAX PAGE COUNT FOR SCHEDULING - IF OFF, SUPPGLIM IS MIN PAGE COUNT
		.1..		SUPNNPRO	"X'40'" RUN-OUT INT NOT TO BE USED
		..1.		SUPNDYNC	"X'20'" INDICATES DEVICE MAY NOT BE USED AS A DYNAMIC WRITER
		...1		SUPDGRPY	"X'10'" DGROUP-ONLY ON BIT
		.... 1...		SUPCKPTP	"X'08'" CHPNT INTERVAL IS IN PAGES
		.... .1..		SUPCKPTS	"X'04'" CHPNT INTERVAL IS IN SECONDS

Table 26. Structure SUPSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... ..1.		SUPNOSET	"X'02'" IF ON, SUPPRESS THE SETUP MESSAGE (IAT7030) - CHECKPOINTED IN THE FSA
		1		SUPTMOEX	"X'01'" The timeout value for DYN was explicitly specified
262	(106)	BITSTRING	1	SUPFSFLG	FSS DEVICE FLAG BYTE
		DEFINITION OF SUPFSFLG (Corresponds to FSAFSFLG in IATYFSA)			
		1...		SUPDVASG	"X'80'" FSS DEVICE NUMBER ASSIGNED
		.1..		SUPMFSS	"X'40'" DEVICE IN FSS MODE - VALID ONLY WHEN SUPFSS IS SET
		..1.		SUPMCOMP	"X'20'" DEVICE IN COMP MODE - VALID ONLY WHEN SUPFSS IS SET
		...1		SUPNUCB	"X'10'" FSS DEVICE HAS NO MVS UCB - VALID ONLY WHEN SUPFSSO IS SET
		.... 1...		SUPFSINT	"X'08'" FSS DEVICE HAS AN INTERVENTION CONDITION
		.... .1..		SUPPDCHR	"X'04'" JES3 DEFAULT CHARS ARE NOT SENT TO THE FSS
		.... ..1.		SUPPDFCB	"X'02'" JES3 DEFAULT FCB IS NOT SENT TO THE FSS
		1		SUPFSDNR	"X'01'" FSS DEVICE HAS A DEVICE NOT RESPONDING CONDITION
263	(107)	BITSTRING	1	SUPPRFL5	Printer flag 5
		Definition of SUPPRFL5			
		1...		SUPIDLE	"X'80'" This device has an idle hot writer
		.1..		SUPHWWQ	"X'40'" This device has a writer on the wait queue
		..1.		SUPP5R20	"X'20'" Reserved for IBM
		...1		SUPP5R10	"X'10'" Reserved for IBM
		.... 1...		SUPP5R08	"X'08'" Reserved for IBM
		.... .1..		SUPP5R04	"X'04'" Reserved for IBM
		.... ..1.		SUPP5R02	"X'02'" Reserved for IBM
		1		SUPP5R01	"X'01'" Reserved for IBM
264	(108)	SIGNED	4	SUPPGLIM	PAGELIM FROM DEVICE STMT
268	(10C)	SIGNED	4	SUPTMOUT	Writer timeout value in seconds
272	(110)	SIGNED	4	SUPNPRO	RUN-OUT INTERVAL IN SECONDS ZERO = IMMEDIATE RUN-OUT
276	(114)	BITSTRING	16	SUPSCHED	SCHEDULING CRITERIA
292	(124)	BITSTRING	37	SUPCLASS	SYSOUT CLASSES FOR SCHDULNG 1ST BYTE=NUMBER OF ACTIVE CLASSES IN SCHEDULING USE
329	(149)	CHARACTER	19	SUPENTIT	ENTITY NAME FOR WRITER 0583 CLASS SAF CALL 0583
348	(15C)	BITSTRING	1	SUPFSFL2	FSS device flag 2
		DEFINITION OF SUPFSFL2 (Corresponds to FSAFSFL2 in IATYFSA)			
		1...		SUPOPLOG	"X'80'" OPACTLOG=YES was specified
		.1..		SUPOPSPC	"X'40'" OPACTLOG was specified

Table 26. Structure SUPSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		SUPF2R20	"X'20'" Reserved for IBM
		...1		SUPF2R10	"X'10'" Reserved for IBM
		.... 1...		SUPF2R08	"X'08'" Reserved for IBM
		.... .1..		SUPF2R04	"X'04'" Reserved for IBM
		.... ..1.		SUPF2R02	"X'02'" Reserved for IBM
		1		SUPF2R01	"X'01'" Reserved for IBM
349	(15D)	BITSTRING	2	SUPRSV01	RESERVED FOR DEVELOPMENT
352	(160)	SIGNED	4	SUPPREND(0)	END OF PRINTER AREA
352	(160)	BITSTRING	0	SUPPRSIZ(0)	
352	(160)	SIGNED	4	SUPFSSEG(0)	FSS DEVICE VARIABLE SEGMENT
		FORMAT OF FSS DEVICE VARIABLE SEGMENT			
352	(160)	CHARACTER	8	SUPFSNAM	FSSNAME OF ASSOCIATED FSS
360	(168)	ADDRESS	4	SUPFSSPT	ADDRESS OF FSS TABLE ENTRY
364	(16C)	ADDRESS	4	SUPFSAPT	ADDRESS OF FSA TABLE ENTRY
368	(170)	BITSTRING	1	SUPFSPCT	ALTPM LIST COUNT
369	(171)	BITSTRING	8	SUPFSPPT	ALTPM LIST INDEXES
377	(179)	BITSTRING	1	SUPFSCMK	COPYMARK BYTE
378	(17A)	BITSTRING	2	SUPFSRS1	RESERVED FOR DEVELOPMENT
380	(17C)	SIGNED	4	SUPFPCTO(0)	Offset to entry for this device in the FSS Progress Counts Table (IATYFPCT).
380	(17C)	SIGNED	2	SUPFBLK	Block Number
382	(17E)	SIGNED	2	SUPFENT	Entry Number
		START OF MULTIPLY-DEFINED MAPPING AREA. ONE 0 OCCURANCE OF THE FOLLOWING SECTION OCCURS PER 0 PROCESSOR TO HOLD PROCESSOR-UNIQUE ENTRIES 0 It is recommended that fields in this area be addressed using the SUPFSTBL DSECT rather than by using the field names defined here. These fields are defined here for compatibility.			
384	(180)	SIGNED	4	SUPFSTAB(0)	Start of FSS device table - ENTRIES FOR EACH MAINPROC
384	(180)	CHARACTER	4	SUPFSADR	DEVICE NUMBER ON MAIN PROCESSOR OR X'00'S IF NON-UCB ATTACHED (use SUPFSSAD instead)
388	(184)	BITSTRING	1	SUPFSFL1	FLAG BYTE FOR OFFLINE AND SHARE STATUS (use SUPFSSF1 instead)
389	(185)	BITSTRING	3	SUPRSVD3	RESERVED FOR DEVELOPMENT

Table 26. Structure SUPSTART (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			

392	(188)	SIGNED	4	SUPFCNDB(0)	IATYCNDB.27: based variable for storage mapping
392	(188)	SIGNED	4		Four byte console id 0176
396	(18C)	CHARACTER	4		IATYCNDB eyecatcher
400	(190)	ADDRESS	4		IATYCNDB version
404	(194)	BITSTRING	8		Reserved for development
412	(19C)	BITSTRING	8		Console Name 0176
420	(1A4)	BITSTRING	24		Reserved for development
444	(1BC)	SIGNED	2		Reserved for development
446	(1BE)	BITSTRING	40		Reserved for development (use SUPFSCND instead)
486	(1E6)	SIGNED	2	SUPFSTND(0)	END FSS DEVICE TABLE ENTRY

Table 26. Structure SUPSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
486	(1E6) X'66'		0	SUPFSTLN	"SUPFSTND-SUPFSTAB" LENGTH OF FSS DEVICE TABLE ENTRY
384	(180) BITSTRING		1		RESERVE TABLE STORAGE
	END OF MULTIPLY-DEFINED SECTION 0				
3648	(E40) SIGNED		4	SUPFSEND(0)	END OF FSS VARIABLE SEGMENT
3648	(E40) X'CE0'		0	SUPFSLEN	"SUPFSEND-SUPFSSEG" LENGTH OF FSS VARIABLE SEG
3648	(E40) BITSTRING		1	SUPFSSIZ(0)	TOTAL SUPUNIT LENGTH

Table 27. Structure SUPFSTBL

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0) STRUCTURE		0	SUPFSTBL	, FSS device table fields
0	(0) CHARACTER		4	SUPFSSAD	Device number on main processor, or X'00's if non-UCB attached
4	(4) BITSTRING		1	SUPFSSF1	Flag byte for offline and share status
5	(5) BITSTRING		3	SUPFRSVD	Reserved for IBM
	IATYCNDB_1:;				
8	(8) SIGNED		4	SUPFSCND(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
62	(3E) X'66'		0	SUPFSELN	"*-SUPFSTBL" Length of one table entry

Table 28. Cross Reference for IATYSUP

Name	Offset	Hex Tag
SUPADD	24	
SUPAFP1	104	8
SUPALLOC	A0	4
SUPAMBIG	A9	20
SUPASNRQ	AA	10
SUPBTS	D9	E2
SUPBTSS	C6	80
SUPBURST	C5	20
SUPCARR	EC	
SUPCFS	D9	C3
SUPCGS2	C6	40
SUPCHAIN	18	

Table 28. Cross Reference for IATYSUP (continued)

Name	Offset	Hex Tag
SUPCHNSZ	AC	0
SUPCHOR	A9	80
SUPCKPNT	DA	
SUPCKPTP	105	8
SUPCKPTS	105	4
SUPCLASS	124	
SUPCLPRD	C4	1
SUPCLPRJ	C4	2
SUPCMFLG	104	
SUPCMSET	C4	10
SUPCNDB	38	
SUPCONAL	A1	4
SUPCONDV	A1	8
SUPCTSET	C4	4
SUPDCB	30	
SUPDCT	24	
SUPDD	8	
SUPDEFSM	AA	8
SUPDEVAD	2C	
SUPDGRPY	105	10
SUPDIAG	C6	1
SUPDVAD2	34	
SUPDVASG	106	80
SUPDVAVL	C6	2
SUPDYNAD	AA	80
SUPDYNCU	AA	40
SUPDYNFS	AA	20
SUPENTIT	149	
SUPESADR	9B	0
SUPFBLK	17C	
SUPFCKPT	FC	
SUPFCNDB	188	
SUPFDENS	9A	10
SUPFEND	B8	
SUPFENT	17E	
SUPFLAGS	A0	
SUPFLAGX	A3	
SUPFLAG0	9A	0
SUPFLAG1	A0	
SUPFLAG2	A1	
SUPFLAG3	A8	
SUPFLAG4	A9	
SUPFLAG5	AA	0
SUPFLASH	F4	
SUPFLSET	C4	20
SUPFL0ED	9A	2

Table 28. Cross Reference for IATYSUP (continued)

Name	Offset	Hex Tag
SUPFL0VF	9A	20
SUPFORMS	B8	
SUPFPCTO	17C	
SUPFRSET	C4	80
SUPFRSVD	5	
SUPFSADR	180	
SUPFSAPT	16C	
SUPFSCMK	179	
SUPFSCND	8	
SUPFSDNR	106	1
SUPFSELN	3E	66
SUPFSEND	E40	
SUPFSFLG	106	
SUPFSFL1	184	
SUPFSFL2	15C	
SUPFSINT	106	8
SUPFSIZE	B8	
SUPFSLEN	E40	CE0
SUPFSNAM	160	
SUPFSPCT	170	
SUPFSPPT	171	
SUPFSRS1	17A	
SUPFSS	A9	10
SUPFSSAD	0	
SUPFSSEG	160	
SUPFSSF1	4	
SUPFSSIZ	E40	
SUPFSSO	A9	2
SUPFSSPT	168	
SUPFSTAB	180	
SUPFSTBL	0	
SUPFSTLN	1E6	66
SUPFSTND	1E6	
SUPF0BEX	9A	40
SUPF0EX	9A	80
SUPF2R01	15C	1
SUPF2R02	15C	2
SUPF2R04	15C	4
SUPF2R08	15C	8
SUPF2R10	15C	10
SUPF2R20	15C	20
SUPGPASG	A0	8
SUPGROUP	10	
SUPGRPCH	20	
SUPHEADR	C5	40
SUPHWWQ	107	40

Table 28. Cross Reference for IATYSUP (continued)

Name	Offset	Hex Tag
SUPIDLE	107	80
SUPINCNT	D8	
SUPJUNIT	A8	8
SUPLNMAX	C5	8
SUPLRECL	98	0
SUPMARK	C5	2
SUPMCOMP	106	20
SUPMFSS	106	40
SUPMODID	F8	
SUPMODRC	C7	
SUPNDYNC	105	20
SUPNJESN	A9	40
SUPNNPRO	105	40
SUPNOSET	105	2
SUPNPRO	110	
SUPNTRDY	A3	80
SUPNUCB	106	10
SUPOFFLN	A0	80
SUPOFFP	A9	1
SUPOPLOG	15C	80
SUPOPSPC	15C	40
SUPPDALL	9A	8
SUPPDCHR	106	4
SUPPDFCB	106	2
SUPPGLIM	108	
SUPPGMAX	105	80
SUPPMCT	C8	
SUPPMPT	C9	
SUPPON	A0	10
SUPPPS	C6	8
SUPPREND	160	
SUPPRFL1	C4	
SUPPRFL2	C5	
SUPPRFL3	C6	
SUPPRFL4	105	
SUPPRFL5	107	
SUPPRLNL	D4	
SUPPRMAN	C5	10
SUPPRSET	C5	4
SUPPRSIZ	160	
SUPPWTR	A0	1
SUPP5R01	107	1
SUPP5R02	107	2
SUPP5R04	107	4
SUPP5R08	107	8
SUPP5R10	107	10

Table 28. Cross Reference for IATYSUP (continued)

Name	Offset	Hex Tag
SUPP5R20	107	20
SUPRAVAL	A8	4
SUPRJBST	A1	1
SUPRJPAB	A1	10
SUPRJPAC	A8	10
SUPRJPAL	A1	20
SUPRJPDV	A1	40
SUPRJPLN	A1	80
SUPRJPOF	A0	40
SUPRSVDU	9C	
SUPRSVD1	AB	
SUPRSVD2	AE	0
SUPRSVD3	185	
SUPRSVD4	A2	
SUPRSVR1	34	
SUPRSVS1	A4	
SUPRSVS2	B0	
SUPRSVS4	FE	
SUPRSVU2	B4	
SUPRSV01	15D	
SUPRSV02	D1	
SUPSCHED	114	
SUPSETUP	C5	1
SUPSHARE	A0	20
SUPSNA	A8	A8
SUPSNADV	A8	80
SUPSNAEJ	A8	20
SUPSNANS	A8	40
SUPSNBDS	A3	40
SUPSTACK	D9	
SUPSTART	0	
SUPSTSET	C4	8
SUPSWTR	A9	4
SUPSYSIX	24	26
SUPTABRC	C0	
SUPTGEN	0	
SUPTMOEX	105	1
SUPTMOUT	10C	
SUPTOTL	96	
SUPTRSET	C4	40
SUPTRTAB	C0	
SUPTSPEC	3	
SUPTYPCH	1C	
SUPTYPE	0	
SUPUCB	28	
SUPUCB2	30	

Table 28. Cross Reference for IATYSUP (continued)

Name	Offset	Hex Tag
SUPUCS	DC	
SUPUCSOP	C6	20
SUPVRSET	A9	8
SUPWAREA	100	
SUPWTRE	C6	10
SUPWTRTM	A1	2
SUPXLATE	C5	80
SUP3211	104	80
SUP3211W	A0	2
SUP3525R	C6	4
SUP3800	104	20
SUP3820	104	10
SUP4245	104	40

IATYSVT information

IATYSVT programming interface information

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

- *
- *
- *
- *
- *
- *0003
- *0029
- *11485TAA
- *11485TAA
- *15606T6A
- SSVTFCOD
- SSVTFNUM
- SSVTFRTN
- SVTABEND
- SVTABIP
- SVTACBAD
- SVTACQQ
- SVTBALJC
- SVTBALP
- SVTCMTR
- SVTCNDS
- SVTCNNF
- SVTDLOG
- SVTDMBS

- SVTDMCFX
- SVTDMCPG
- SVTDMCSZ
- SVTDMDK
- SVTDMDKG
- SVTDMDKP
- SVTDMDKR
- SVTDMDM
- SVTDMDS
- SVTDMDSL
- SVTDMDSS
- SVTDMEB
- SVTDMEBA
- SVTDMEBM
- SVTDMEBS
- SVTDMEB2
- SVTDMEB3
- SVTDMFR
- SVTDMFRM
- SVTDMGR
- SVTDMIT
- SVTDMUB
- SVTDSDOM
- SVTDULST
- SVTERRQ
- SVTERRWK
- SVTGRAS
- SVTGRRL
- SVTGRSC
- SVTGRSP
- SVTIIII
- SVTJSTKN
- SVTJTOKN
- SVTJ3PST
- SVTLSDSK
- SVTMCTRA
- SVTMGR
- SVTOSDI
- SVTOSENF
- SVTPBFIX
- SVTPLEXS
- SVTPRSP
- SVTPTBF

- SVTPTIM
- SVTRMVT
- SVTROUT
- SVTRSVS2
- SVTSAMPA
- SVTSAR
- SVTSCCLN
- SVTSCMSG
- SVTSDA
- SVTSETNM
- SVTSETUN
- SVTSIADD
- SVTSIADJ
- SVTSIAI
- SVTSIAU
- SVTSIAUA
- SVTSIJR2
- SVTSIJSC
- SVTSIJSD
- SVTSIJSM
- SVTSIJT2
- SVTSIODA
- SVTSIODC
- SVTSIODI
- SVTSIODL
- SVTSIODO
- SVTSIODS
- SVTSIORI
- SVTSQE
- SVTSSCM
- SVTSSIAU
- SVTSSINA
- SVTSSJM
- SVTSSRE
- SVTSYSTS
- SVTSYSUN
- SVTUCN
- SVTUX32
- SVTUX57
- SVTUX58
- SVTUX59
- SVTXSQE
- SVTXTRC

- SVT0
- SVT3713I
- SVT6350I
- SVT6351I
- SVT6353I
- 13#
- 16#
- 3
- 3
- 6#

IATYSVT heading information

Common name:	SUBSYSTEM VECTOR TABLE FOR JES3
Macro ID:	IATYSVT
DSECT name:	SSVT
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	SSVT Offset: X'29C' Length: 4
Storage attributes:	Main Storage: SP 228 (FIXED CSA) BELOW 16M Auxiliary Storage: THE PART BEGINNING AT SVTINSAV Key: KEY 1 (JESKEY) Residency: BELOW
Size:	SVTSIZY
Created by:	IATINSV
Pointed to by:	SSCTSSVT TVTSSVT
Serialization:	NONE
Function:	COMMUNICATION TABLE FOR MVS/JES3 SSI AND AMONG JES3 SSI FUNCTIONS THEMSELVES ****** WARNING *********************************** SVT has references from non-source maintained parts. Its length must not change and its offsets must remain the same. **

IATYSVT mapping

Table 29. Structure SSVT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SSVT	
0	(0)	X'0'	0	SSVTBEGN	"*"
0	(0)	SIGNED	2	SSVTRSV1	RESERVED
2	(2)	SIGNED	2	SSVTFNUM	Maximum number of function routines supported by this vector table

Table 29. Structure SSVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		256 BYTE FUNCTION MATRIX - THE SSOB FUNCTION ID MINUS ONE IS USED AS AN OFFSET INTO THIS MATRIX. MATRIX FUNCTION BYTE =0 : THE FUNCTION SPECIFIED IN THE SSOB IS NOT SUPPORTED BY THIS SUBSYSTEM. MATRIX FUNCTION BYTE ¬=0 : THE VALUE (FUNCTION BYTE-1) 4 IS ADDED TO THE ADDRESS OF SSVTFRTN TO OBTAIN THE ADDRESS OF THE WORD CONTAINING THE FUNCTION ROUTINE POINTER FOR THIS REQUEST.			
4	(4)	BITSTRING	1	SSVTFCOD(0)	FUNCTION MATRIX
4	(4)	X'104'	0	SSVTFSIZ	"*-SSVTBEGN" SSVT FIXED AREA SIZE
260	(104)	SIGNED	4	SSVTFRTN	SSVTFRTN IS THE FIRST WORD OF A VARIABLE LENGTH MATRIX CONTAINING FUNCTION ROUTINE POINTERS FOR FUNCTIONS SUPPORTED BY THIS SUBSYSTEM. THE MATRIX CAN BE A MAXIMUM OF 256 WORDS LONG.
1284	(504)	X'504'	0	SSVTSIZE	"*-SSVTBEGN" MAXIMUM SSVT SIZE
2	(2)	ADDRESS	2		NO. SUPPORTED FUNCTIONS
		FUNCTION CODE LIST FOR JES3 SSVT MATRIX			
4	(4)	ADDRESS	1		1 Process SYSOUT
5	(5)	ADDRESS	1		2 Cancel
6	(6)	ADDRESS	1		3 Job status
7	(7)	ADDRESS	1		4 End of task (EOT)
8	(8)	ADDRESS	1		5 Job selection
9	(9)	ADDRESS	1		6 Allocation
10	(A)	ADDRESS	1		7 Unallocation
11	(B)	ADDRESS	1		8 End of memory (EOM)
12	(C)	ADDRESS	1		9 WTO/WTOR
13	(D)	ADDRESS	1		10 Cmd processing (SVC34)
14	(E)	ADDRESS	1		11 Remot dest validity ck
15	(F)	ADDRESS	1		12 Job deletion
16	(10)	ADDRESS	1		13 Job re-enqueue
17	(11)	ADDRESS	1		14 DOM (UNSUPPORTED)
18	(12)	ADDRESS	1		(UNSUPPORTED) 15 SUBSYSTEM VERIFICATION
19	(13)	ADDRESS	1		16 Open
20	(14)	ADDRESS	1		17 Close
21	(15)	ADDRESS	1		18 Checkpoint
22	(16)	ADDRESS	1		19 Restart
23	(17)	ADDRESS	1		20 Request job id
24	(18)	ADDRESS	1		21 Return job id
25	(19)	ADDRESS	1		22 Step initiation
26	(1A)	ADDRESS	1		23 Dynamic allocation
27	(1B)	ADDRESS	1		24 Common allocation
28	(1C)	ADDRESS	1		25 Common unallocation
29	(1D)	ADDRESS	1		26 Change DDNAME
30	(1E)	ADDRESS	1		27 Change ENQ use attrib

Table 29. Structure SSVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
31	(1F)	ADDRESS	1		28 DDR candidate select
32	(20)	ADDRESS	1		29 DDR candidate verify
33	(21)	ADDRESS	1		30 DDR swap notification
34	(22)	ADDRESS	1		31 DDR swap complete
35	(23)	ADDRESS	1		32 SVC34 command fail
36	(24)	ADDRESS	1		33 WTO CONSOLE ERROR (UNSUPPORTED)
37	(25)	ADDRESS	1		34 Write to log (WTL)
38	(26)	ADDRESS	1		35 MSS VOLUME INVENTORY (UNSUPPORTED)
39	(27)	ADDRESS	1		36 MSS MOUNT EQUALIZ'N (UNSUPPORTED)
40	(28)	ADDRESS	1		37 MSS OPEN/END OF VOLUME (UNSUPPORTED)
41	(29)	ADDRESS	1	(2)	38,39 UNSUPPORTED
43	(2B)	ADDRESS	1		40 Early volume release
44	(2C)	ADDRESS	1	(12)	41-52 UNSUPPORTED
56	(38)	ADDRESS	1		53 FSS/FSA connect/discon
57	(39)	ADDRESS	1		54 Subsystem version info
58	(3A)	ADDRESS	1		55 UNSUPPORTED - SMS SERV.
59	(3B)	ADDRESS	1		56 SMS to JES3 comm
60	(3C)	ADDRESS	1	(5)	57-61 UNDEFINED
65	(41)	ADDRESS	1		62 BDT subsystem
66	(42)	ADDRESS	1		63 UNDEFINED
67	(43)	ADDRESS	1		64 Transaction processing
68	(44)	ADDRESS	1	(5)	65-69 Unsupported
73	(49)	ADDRESS	1		70 Scheduler JCL Facilities
74	(4A)	ADDRESS	1		71 UNSUPPORTED
75	(4B)	ADDRESS	1		72 VARY PATH call
76	(4C)	ADDRESS	1	(2)	73-74 UNSUPPORTED
78	(4E)	ADDRESS	1		75 Notify user msg routr
79	(4F)	ADDRESS	1		76 Unsupported
80	(50)	ADDRESS	1		77 Persistent JCL
81	(51)	ADDRESS	1		78 Unsupported
82	(52)	ADDRESS	1		79 Client/Server Output
83	(53)	ADDRESS	1		80 Enhanced Status
84	(54)	ADDRESS	1		81 Allocatn unauthorized
85	(55)	ADDRESS	1		82 JES Properties
86	(56)	ADDRESS	1		83 JES3 Managed Devices Info
87	(57)	ADDRESS	1		84 Unsupported
88	(58)	ADDRESS	1		85 Unsupported
89	(59)	BITSTRING	1	(0)	END OF SUBSYSTEM INTERFACE MATRIX
		JES3 ADCON LIST FOR SUPPORTED FUNCTIONS			
89	(59)	X'100'	0	SVT0	"SSVTFRTN-4" OFFSET START FOR MATRIX VECTORS
260	(104)	ADDRESS	4	SVTSSIAU	SSI calls for authorized
264	(108)	ADDRESS	4	SVTSSINA	SSI calls for all callers

Table 29. Structure SSVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
268	(10C)	CHARACTER	4	SVTSIVI	SSI 54 IATSIVI Subsystem Version Information
268	(10C)	X'110'	0	SVTSIEND	"∗" End of supported functions
272	(110)	ADDRESS	4	SVTRSVD8(5)	Reserved for IBM
292	(124)	ADDRESS	4	SVTSIAU	Addr of IATSIAU common
296	(128)	ADDRESS	4	SVTSIAUA	Addr of IATSIAU ARR
300	(12C)	ADDRESS	4	SVTSSVTX	Address of extension
304	(130)	ADDRESS	4	SVTSSVTP	Addr of pageable extension
308	(134)	SIGNED	4	SVTSSIPC	IATSIAU PC number
		-- 15606T6A The following code is used as the entry point 15606T6A (SVTDMEB) and recovery routine address (SVTDMEBR) 15606T6A for the PC number saved in SVTDMPC. Using this 15606T6A code allows changes to module IATDMEB to become 15606T6A effective with a hot or local start without an IPL. 15606T6A -- 15606T6A			
312	(138)	SIGNED	2	SVTDMEBR(0)	15606T6A
328	(148)	SIGNED	2	SVTDMEBI(0)	15606T6A
344	(158)	SIGNED	4	SVTDMPC	IATDMEB PC number 15606T6A
348	(15C)	ADDRESS	4	SVTDMEB2	Address of IATDMEB2 11485TAA
352	(160)	ADDRESS	4	SVTDMEB3	Address of IATDMEB3 11485TAA
356	(164)	ADDRESS	4	SVTGRJSM	Address of IATGRJSM
360	(168)	ADDRESS	4	SVTDMDKD	Address of DKTXSCED rtn in IATDMDK (RAB refresh SRB)
364	(16C)	ADDRESS	4	SVTRSVDR(13)	Reserved for IBM
		The following code is used as the entry point (SVTSSRTN) and recovery routine address (SVTSSARR) for the PC number saved in SVTSSIPC. Using this code allows changes to module IATSIAU to become effective with a hot or local start without an IPL.			
416	(1A0)	SIGNED	2	SVTSSARR(0)	
428	(1AC)	SIGNED	2	SVTSSRTN(0)	
		NJE home node name			
440	(1B8)	CHARACTER	8	SVTHNODE	Home node name
		The following 3 fields (SVTENWRK, SVTENCTL, SVTENFRW) must be contiguous since CDS logic is used to serialize access to the queue of IATOSENF work areas.			
448	(1C0)	DBL WORD	8	SVTENWRK(0)	Queue of available work areas for IATOSENF
448	(1C0)	SIGNED	4	SVTENCTL	Queue control word
452	(1C4)	ADDRESS	4	SVTENFRW	Address of 1st free element
		JES3 ADCON LIST FOR SSI COMMON SERVICE ROUTINES			
456	(1C8)	ADDRESS	4	SVTSCMSG	IATGRSC SECURITY MESSAGE LOG WRITE ROUTINE
460	(1CC)	ADDRESS	4	SVTSCCLN	IATGRSC SECURITY RECOVERY CLEANUP ROUTINE
464	(1D0)	CHARACTER	4	SVTSIODA	A(OUTPUT DESCRIPTOR BINDING)
468	(1D4)	ADDRESS	4	SVTSIODO	A(OUTPUT DESCRIPTOR IDENTIFY)

Table 29. Structure SSVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
472	(1D8)	ADDRESS	4	SVTSIODS	A(OUTPUT DESCRIPTOR SPOOLING)
476	(1DC)	ADDRESS	4	SVTSIODC	A(OUTPUT DESCRIPTOR CLEANUP)
480	(1E0)	ADDRESS	4	SVTSIODL	A(EXCESS. LIMIT RETRIEVAL)
484	(1E4)	ADDRESS	4	SVTSIODI	A(INTRDR SYMLIST ENTRIES)
488	(1E8)	ADDRESS	4	SVTRSVD1	Reserved for IBM, future IATIOD entry
492	(1EC)	CHARACTER	4	SVTDMDK	A(CHAN PROG BUILD MODULE)
496	(1F0)	CHARACTER	4	SVTDMDM	USER D.M. RTNS - USER STATE
500	(1F4)	CHARACTER	4	SVTDMDS	DIE ADDRESS
504	(1F8)	CHARACTER	4	SVTDMEB	USER D.M. RTNS - SYSTEM STATE
508	(1FC)	CHARACTER	4	SVTDMFR	DATA MAN SETFRR ROUTINE ADDR
512	(200)	CHARACTER	4	SVTDMBS	BLOCK I/O ROUTINE ADDR
516	(204)	CHARACTER	4	SVTIIII	INTERP MODULE FOR JOBSELECT
520	(208)	CHARACTER	4	SVTOSDI	OUTSERV DIE ROUTINE
524	(20C)	CHARACTER	4	SVTSSCM	COMMON SS SERVICE ROUTINES
528	(210)	CHARACTER	4	SVTSSRE	IATSSRE ENTRY POINT FOR JES ADDRESS SPACE POST EXIT
532	(214)	ADDRESS	4	SVTREGMS	IATSSRE ENTRY POINT FOR MAIN PROCESSOR POST EXIT
536	(218)	ADDRESS	4	SVTREFSS	IATSSRE ENTRY POINT FOR FSS ADDRESS SPACE POST EXIT
540	(21C)	ADDRESS	4	SVTRESRB	IATSSRE ENTRY POINT FOR SRB REPLY EXIT
544	(220)	ADDRESS	4	SVTREGLB	IATSSRE ENTRY POINT FOR JES3 GLOBAL STATUS ROUTINE
548	(224)	CHARACTER	4	SVTUX32	DYNALDSN U EXIT FROM SICA
552	(228)	CHARACTER	4	SVTDMUB	GET/FREE BUFFER ROUTINE
556	(22C)	CHARACTER	4	SVTDMIT	I/O TERMINATION ROUTINE
560	(230)	ADDRESS	4	SVTSIJT2	JOB TERMINATION ALT ENTRY POINT
564	(234)	ADDRESS	4	SVTSIJR2	JOB REQUEUE ALT ENTRY POINT
568	(238)	CHARACTER	4	SVTABIP	I/O PURGE DRIVER ROUTINE
572	(23C)	ADDRESS	4	SVTRSVS2(2)	RESERVED FOR USER
580	(244)	CHARACTER	4	SVTSIAI	ALLOCATION SSI INITIALIZATION
584	(248)	CHARACTER	4	SVTGRRL	SECURITY PARAMETER LISTS 0221
588	(24C)	CHARACTER	4	SVTGRSC	SECURITY (IATXSEC) 0221 PROCESSING ROUTINE ADDRESS 0221
592	(250)	CHARACTER	4	SVTUX58	ADDRESS OF IATUX58 0221
596	(254)	CHARACTER	4	SVTUX59	ADDRESS OF IATUX59 0221
600	(258)	CHARACTER	4	SVTDMGR	SPOOL ACCESS INITIALIZATION
604	(25C)	CHARACTER	4	SVTGRAS	ARM services
608	(260)	CHARACTER	4	SVTCNDS	DLOG services
612	(264)	ADDRESS	4	SVTSIJSD	IATSIJS Deselect routine
616	(268)	ADDRESS	4	SVTGRMVD	Multi-version data service
620	(26C)	ADDRESS	4	SVTREFSG	IATSSRE entry point for FSS post exit on JES3 global
624	(270)	ADDRESS	4	SVTSSJM	IATSSJM Entry Point for JESMSG processing
628	(274)	ADDRESS	4	SVTGRSP	IATGRSP entry point
632	(278)	ADDRESS	4	SVTSIJSC	SIJSCLJM Entry point 0079

Table 29. Structure SSVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
SVTYMOD IATYMOD BR=NO,ID=IATSSVT IATYMOD EYE CATCHER					
JES3 MODULE ENTRY POINT IDENTIFIER					
01 Change Activity:					
$SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0					
636	(27C)	CHARACTER	8	SVTYMOD	MODULE NAME
644	(284)	CHARACTER	8		RELEASE, FEATURE OR SU
652	(28C)	CHARACTER	8		DATE
660	(294)	CHARACTER	6		TIME
668	(29C)	SIGNED	4	(0)	
668	(29C)	ADDRESS	4		ADDRESS OF APARNUM
668	(29C)	X'27F'	0	SVTID	"SVTYMOD+3,4" ID OF THIS TABLE "SSVT"
672	(2A0)	SIGNED	2	SVTRSVDA	Reserved for IBM
674	(2A2)	ADDRESS	2	SVTSIZY	SIZE OF SSVT
676	(2A4)	SIGNED	2	SVTASIDL(0)	ASID LIST FOR SDUMP
676	(2A4)	SIGNED	2	SVTASID	JES3 ASID
678	(2A6)	SIGNED	2	SVTXASID	JES3 AUX ASID
680	(2A8)	SIGNED	2	SVTXCFAD	JESXCF ASID
682	(2AA)	BITSTRING	2	SVTCASID	CURRENT ASID (+ END OF LIST) A VALUE OF ZERO IN SVTCASID TELLS DUMPING SERVICES TO DUMP THE CURRENT ASID
684	(2AC)	SIGNED	4	(0)	
684	(2AC)	CHARACTER	4	SVTJS3NM	NAME GIVEN TO PRI SUB
		ADDRESSES OF CROSS-MEMORY ROUTINES AND TABLES			
688	(2B0)	ADDRESS	4	SVTABEND	ADDR ABEND-INVOKING RTN
692	(2B4)	ADDRESS	4	SVTASCB	ADDR JES3 ASCB
696	(2B8)	ADDRESS	4	SVTBALP	ADDR OF PROT BUF ALLOC PRMS
700	(2BC)	ADDRESS	4	SVTUCN	ADDR OF USAM COUNT TABLE
704	(2C0)	ADDRESS	4	SVTDLOG	Address of DLOG Common Data Area
708	(2C4)	ADDRESS	4	SVTDMDKP	ADDR OF PBUF UNALLOC ROUTINE
712	(2C8)	ADDRESS	4	SVTDMDKR	ADDR OF USAM M.R ALLOCATOR #3212
716	(2CC)	ADDRESS	4	SVTDMDKG	ADDR OF PBUF ALLOC ROUTINE
720	(2D0)	ADDRESS	4	SVTDMDSL	ADDR OF I/O LINK-UP ROUTINE
724	(2D4)	ADDRESS	4	SVTDMDSS	ADDR OF GLB STOR GET/FREEMN
728	(2D8)	ADDRESS	4	SVTDMEBA	ADDR OF USER BUFFR ALLOCATOR
732	(2DC)	ADDRESS	4	SVTDMEBM	JES3SDM RESOURCE MANAGER
736	(2E0)	ADDRESS	4	SVTDMEBS	USAM SRB POSTING ROUTINE
740	(2E4)	ADDRESS	4	SVTDMFRM	ADDR OF DATA MAN MSG HANDLER
744	(2E8)	ADDRESS	4	SVTDSQ	ADDR OF DEST ROUTING TABLE
748	(2EC)	ADDRESS	4	SVTECBX	ADDR OF JES MEMORY MASTER ECB
752	(2F0)	ADDRESS	4	SVTERRQ	ADDR OF 1ST IATYISR ON ERR Q
756	(2F4)	ADDRESS	4	SVTERRWK	IATDMER WORK AREA ADDR
760	(2F8)	ADDRESS	4	SVTIOPRM	ADDR IATYIOP BLK (I/O PARMS)
764	(2FC)	ADDRESS	4	SVTJSTCB	JES3 TCB ADDRESS
768	(300)	ADDRESS	4	SVTMEMD	ADDR OF JES3 MEMDATA
772	(304)	ADDRESS	4	SVTMGR	Address of MSGROUTE table

Table 29. Structure SSVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
776	(308)	ADDRESS	4	SVTMPACT	ACTIVE MAIN PROC TABLE
780	(30C)	ADDRESS	4	SVTMPCDA	ADDR MPCDATA QUEUE
784	(310)	ADDRESS	4	SVTXCFTL	JESXCF data space token list pointer
		Fields SVTISUSR and SVTISJES anchor the two SSI 54 0 information strings (installation-supplied via 0 IATUX63 and JES3-supplied, respectfully) that are 0 passed back to SSI 54 callers from IATSIVI. 0			
788	(314)	ADDRESS	4	SVTISUSR	SSI 54 User Info String 0077
792	(318)	ADDRESS	4	SVTISJES	SSI 54 JES3 Info String 0077
796	(31C)	ADDRESS	4	SVTSDA	Address of JES3 Statistics Data Area (SDA)
800	(320)	BITSTRING	8	SVTNITID	Inish deck id from first JES3 restart after an IPL
		The next two fields (SVTRMVT and SVTRMUCT) have to be contiguous. Also, they have to be aligned on a doubleword boundary because they are used by a CDS instruction.			
808	(328)	DBL WORD	8	SVTRMLOC(0)	RMVT lock
808	(328)	ADDRESS	4	SVTRMVT	Addr of the RMVT or zero
812	(32C)	SIGNED	4	SVTRMUCT	RMVT use count
816	(330)	SIGNED	4	SVTBALJC	FSS BALJ'S CHAINED FROM HERE
820	(334)	ADDRESS	4	SVTSETNM	ADDR OF SETNAMES TABLE
824	(338)	ADDRESS	4	SVTSETUN	ADDR OF SETUNITS TABLE
828	(33C)	SIGNED	4	SVTATECB	JES3 AUX-TASK CNTRL ECB
832	(340)	ADDRESS	4	SVTUX57	ADDRESS OF IATUX57
		1...		SVTX57DM	"X'80'" DUMMY USER EXIT
		THE FOLLOWING FLAG BITS ARE PASSED IN THE LOW ORDER BYTE OF REGISTER 0 WHEN CALLING IATSIADD TO BUILD OR FREE			
		1...		SVTDSSFR	"X'80'" FREEMAIN A DSS/DSB
		.1..		SVTDSSFD	"X'40'" FREE DSS IF DEQUEUED
		1		SVTDSSGR	"X'01'" GET DSS/DSB + RAB
		....		SVTDSSGT	"X'00'" GETMAIN A DSS/DSB
836	(344)	ADDRESS	4	SVTSIADD	ADDR OF GET/FREE DSB/DSS RTN.
840	(348)	ADDRESS	4	SVTSIORI	ADDR OF INTRDR REOPEN RTN
844	(34C)	ADDRESS	4	SVTSQE	ORIGIN OF JES3 STORAGE Q
848	(350)	ADDRESS	4	SVTSYSUN	ADDR OF SYSUNITS TABLE
852	(354)	ADDRESS	4	SVTTVT	ADDR TVTABLE
856	(358)	ADDRESS	4	SVTXSQE	ADDR OF JES3 STORAGE Q MGR
860	(35C)	ADDRESS	4	SVTXTRC	JES3 TRACE ROUTINE IN CSA
864	(360)	SIGNED	4	SVTDSDOM	DOM-id for product disabled 0003 message 0003
868	(364)	ADDRESS	4	SVTMPGBL	Address of global MPC
872	(368)	ADDRESS	4	SVTJ3PST	ADDR OF POSTJES3 RTN
876	(36C)	ADDRESS	4	SVTDYD	ADDR OF IATDYD (DYNAL DSNS)
880	(370)	ADDRESS	4	SVTACQQ	ADDR OF FIRST ACQ ENTRY

Table 29. Structure SSVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		FOLLOWING FIELDS RESERVED FOR ALLOCATION SSI SAMPLER ROUT.			
884	(374)	ADDRESS	4	SVTACBAD	ADDR OF STATS BUFFER
888	(378)	ADDRESS	4	SVTSAMPA	ADDR OF SAMPLING ROUTINE OR ZERO WHEN NO SAMPLING
		END OF FIELDS RESERVED FOR ALLOCATION SSI SAMPLER ROUTINE Subsystem Communication Fields			
892	(37C)	SIGNED	4	SVTJXGT	JESXCF Group Token
896	(380)	SIGNED	4	SVTSACNT	ACTIVE STAGING AREA COUNT
900	(384)	SIGNED	4	SVTSAMAX	SA HI-WATER COUNT
904	(388)	CHARACTER	8	SVTJXGNM	JESXCF Group Name
		Sysout Class Table (SCT) pointer - Use IATXMVDA FUNC=USE,TABLE=SCT to access the SCT.			
912	(390)	ADDRESS	4	SVTSCTAD	Sysout Class Table address
		CROSS MEMORY COMMUNICATION FIELDS			
916	(394)	ADDRESS	4	SVTPCDP	ADDRESS OF THE PCD
		CROSS MEMORY USAM FIELDS			
920	(398)	ADDRESS	4	SVTPBFIX	ADDR. OF 1ST NON-PAGE FIXED PBUF
		1...		SVTPBAUX	"X'80'" ON IF SVTPBFIX IS IN JES3AUX MUST BE ONLY HIGH ORDER BIT
924	(39C)	ADDRESS	4	SVTDMCFX	ADDR OF 1ST NONFIXED PBUF DMC
928	(3A0)	SIGNED	2	SVTDMCPG	NO OF JSAM DMC'S PER PAGE
930	(3A2)	SIGNED	2	SVTDMCSZ	LENGTH OF ONE JSAM DMC
		STAGING AREA MANAGEMENT FLAG			
932	(3A4)	SIGNED	4	(0)	ALIGN SVTSAFLG TO FULL WORD
932	(3A4)	BITSTRING	1	SVTSAFLG	SA CONTROL FLAG BYTE
		Definition of SVTSAFLG			
		.... .1..		SVTCSASP	"X'04'" PRIMARY SA EXTENT SHORTAGE
		.... ..1.		SVTRSF02	"X'02'" RESERVED FOR SERVICE
933	(3A5)	BITSTRING	1	SVTRSVS3	RESERVED FOR SERVICE
934	(3A6)	BITSTRING	1	SVTSYSID	ACTIVE SYSTEM ID
936	(3A8)	ADDRESS	4	SVTOSENF	ADDRESS OF ENF SIGNAL RTN
940	(3AC)	ADDRESS	4	SVTCNNF	ADDRESS OF ENF LISTEN RTN 0832
944	(3B0)	ADDRESS	4	SVTMCTRA	Multi-version data master control area pointer
948	(3B4)	ADDRESS	4	SVTXSDWA	J3AUX SDWA PTR. DURING INIT.
952	(3B8)	ADDRESS	4	SVTUSER1(2)	RESERVED FOR USER
		NON-CHECKPOINTED DATA AND CONSTANTS			
960	(3C0)	SIGNED	4	SVT6350I	WTO ID # FOR MSG IAT6350
964	(3C4)	SIGNED	4	SVT6351I	WTO ID # FOR MSG IAT6351

Table 29. Structure SSVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
968	(3C8)	SIGNED	4	SVT6353I	WTO ID # FOR MSG IAT6352
972	(3CC)	SIGNED	4	SVT3713I	WTO ID # FOR MSG IAT3713
976	(3D0)	BITSTRING	8	SVTJSTKN	JES3's STOKEN
984	(3D8)	SIGNED	4	SVTWISEQ	Sequence number to uniquely identify a WLM managed initiator, in case WLM unbinds an initiator while a job select request is outstanding and IATSIJS must tell the global to deselect a job that it may have selected for that initiator. This value is serialized for updates (using CS logic). CLASS EQUIVALENCY TABLE
988	(3DC)	ADDRESS	4	SVTLCMD	LOCAL COMMAND TABLE
992	(3E0)	SIGNED	4	SVTCPID	Module work area CPOOL id
996	(3E4)	ADDRESS	4	SVTSYSTS	Address of system prefix table
1000	(3E8)	ADDRESS	4	SVTPLEXS	Address of sysplex prefix table
1004	(3EC)	ADDRESS	4	SVTRESV3	Reserved for IBM
1008	(3F0)	ADDRESS	4	SVTCMTR	Address of command translate table built by IATINPK
		SVTCSF IS THE CONSOLE SERVICE SECONDARY ECF. IT MUST BE 0 ON A FULLWORD BOUNDARY FOR COMPARE AND SWAP. 0			
1012	(3F4)	SIGNED	4	(0)	0172
1012	(3F4)	BITSTRING	1	SVTCSF	CONSOLE SERVICE SECONDARY ECF
		Definition of SVTCSF			
		1...		SVTCSFWO	"X'80'" SUBSYSTEM WTO POST
		.1..		SVTCSR40	"X'40'" Reserved flag
		..1.		SVTCSR20	"X'20'" Reserved flag
		...1		SVTCSFGP	"X'10'" GENERAL CONSOLE POST
		.... 1...		SVTCSFJ3	"X'08'" JES3 BUFFERS AVAILABLE
		.... .1..		SVTCSFAV	"X'04'" CONSERV POST FOR WTO BUFFERS
		.... ..1.		SVTCSFSA	"X'02'" JES3 STAGING AREA SHORTAGE #440
		1		SVTCSR01	"X'01'" Reserved flag
1013	(3F5)	BITSTRING	1	SVTFLAGC	FLAGS
		Definition of SVTFLAGC			
		1...		SVTJESUP	"X'80'" JES3 IS RUNNING
		.1..		SVTJESIN	"X'40'" JES3 IS INITIALIZED
		..1.		SVTHRMPP	"X'20'" MPC chain is pending commit of the configuration
		...1		SVTRSC10	"X'10'" Reserved flag
		.... 1...		SVTDSU58	"X'08'" IATUX58 HAS BEEN DISABLED
		.... .1..		SVTDSU59	"X'04'" IATUX59 HAS BEEN DISABLED
		.... ..1.		SVTRSC02	"X'02'" Reserved flag
		1		SVTRSC01	"X'01'" Reserved flag
		THE FLAGS DEFINED IN SVTFLAGJ MUST BE SERIALIZED USING COMPARE AND SWAP LOGIC.			

Table 29. Structure SSVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1014	(3F6)	BITSTRING	1	SVTFLAGJ	FLAGS
		Definition of SVTFLAGJ			
		1...		SVTSMSRS	"X'80'" A PREVIOUSLY UNAVAILABLE SMS RESOURCE HAS BECOME AVAILABLE - THIS BIT IS USED TO POST THE MDSSRS FCT
		.1..		SVTSMJSS	"X'40'" A PREVIOUSLY UNAVAILABLE SMS RESOURCE HAS BECOME AVAILABLE - THIS BIT IS USED TO POST JSS
		..1.		SVTSMSET	"X'20'" JES3 IS DOING DATA SET ALLOCATION FOR SMS RESOURCES
		...1		SVTJAUX1	"X'10'" JES3AUX phase 1 initialization complete
		.... 1...		SVTJAUX2	"X'08'" JES3AUX phase 2 initialization complete
		.... .1..		SVTJAUX3	"X'04'" JES3AUX phase 3 initialization complete
		.... ..1.		SVTJAU3F	"X'02'" JES3AUX phase 3 initialization failed
		1		SVTFLJ01	"X'01'" RESERVED FLAG
1015	(3F7)	BITSTRING	1	SVTRESD1	RESERVED FOR DEVELOPMENT
		SVTROUT CONTAINS THE ROUTING CODES THAT JES3 LOCAL CONSOLES ARE CURRENTLY RECEIVING.			
1016	(3F8)	BITSTRING	16	SVTROUT	MASTER ROUTE CODE BIT MAP
1032	(408)	ADDRESS	4	SVTNSCT	Netserv Control Table chain
1036	(40C)	ADDRESS	4	SVTSAR	SMS AVAILABLE RESOURCE BLOCK (IATYSAR) QUEUE - SERIALIZED VIA COMPARE AND SWAP
		SVTCTF IS THE CONCMD FCT ECF. IT MUST BE ON A FULLWORD 0 BOUNDARY FOR COMPARE AND SWAP. 0			
1040	(410)	SIGNED	4	(0)	0172
1040	(410)	BITSTRING	1	SVTCTF	CONCMD FCT ECF 0172
		Definition of SVTCTF			
		.1..		SVTCTFCM	"X'40'" SVC 34 POST 0172
		.... 1...		SVTCTFJ3	"X'08'" JES3 BUFFERS AVAILABLE 0172
1041	(411)	BITSTRING	1	SVTRESD2(3)	RESERVED FOR DEVELOPMENT 0172
1044	(414)	ADDRESS	4	SVTDULST	POINTER TO DUMP LIST
1048	(418)	ADDRESS	4	SVTDMRN	IATDMRN entry point
1052	(41C)	SIGNED	4	SVTPTIM	POST FOR TIME OUT (SIPT)
1056	(420)	SIGNED	4	SVTPRSP	POST FOR RESPONSE (SIPT)
1060	(424)	SIGNED	4	SVTPTBF	PTR TO VARY OFF STAGING AREA BUFFER (SIPT)
1064	(428)	ADDRESS	4	SVTMDCR	CONFIG CHANGE EXIT ADDRESS
1068	(42C)	BITSTRING	16	SVTJTOKN	JES3 Task Token
1084	(43C)	SIGNED	4	SVTCMDLN	LENGTH OF THE LOCAL CMD TBL
1088	(440)	ADDRESS	4	SVTDMEBD	ADDR OF USER BUFFER DEALLOCATION

Table 29. Structure SSVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1092	(444)	ADDRESS	4	SVTDMEBW	SYSOUT WAIT ROUTINE E.P. THE ROUTINE HAS THREE ENTRY POINTS: +0:IATDMEBW - WAIT TASK +4:IATDMEBT - POST TASK +8:IATDMEBC - TASK CLEAN UP
1096	(448)	ADDRESS	4	SVTDMDSM	Address of IATDMDS' IATYMOD
1100	(44C)	ADDRESS	4	SVTDMITM	Address OF IATDMIT's IATYMOD
1104	(450)	ADDRESS	4	SVTSIADJ	Entry point in IATSIAD of JIB reply exit
1108	(454)	SIGNED	4	SVTRESU1(5)	RESERVED FOR USER
1128	(468)	ADDRESS	4	SVTMPCPV	Previous MPC chain anchor
1132	(46C)	ADDRESS	4	SVTMPCFD	First deleted MPC
1136	(470)	CHARACTER	4	SVTGRQM	IATGRQM entry point
1140	(474)	CHARACTER	4	SVTSSJI	IATSSJI entry point 06525SUA
1144	(478)	ADDRESS	4	SVTSSJIR	IATSSJIR entry point
1148	(47C)	ADDRESS	4	SVTRMTR	Address of RMTR
1152	(480)	ADDRESS	4	SVTMEMVT	Pointer to the MEM vector
1156	(484)	SIGNED	4	SVTJ3XGT	JES3AUX Group Token
1160	(488)	ADDRESS	4	SVTDMCBF	IATDMCBF entry point
1164	(48C)	ADDRESS	4	SVTFSPCT	Address of FSS Progress Counts Table (IATYFPCT).
1168	(490)	ADDRESS	4	SVTSIADL	SIADSBTK routine E.P. 15606T6A
1172	(494)	ADDRESS	4	SVTSIJSL	SIJSCMMH routine E.P. 15606T6C
		CHECKPOINTED DATA AND CONSTANTS			
1176	(498)	DBL WORD	8	SVTPBQ	PROT BUFFER QUEUING PARMS
1176	(498)	X'498'	0	SVTPBUFQ	"SVTPBQ,4,C'F'" PTR TO USER MEMORY IATYDSS Q WAITING FOR PROTECTED BUFFERS
1176	(498)	X'49C'	0	SVTPBCNT	"SVTPBQ+4,4,C'F'" NUMBER OF AVAIL PROT BUFFERS
1184	(4A0)	DBL WORD	8	SVTSRB	Q'ING PARMS FOR PBUF WAITORS
1184	(4A0)	X'4A0'	0	SVTMXSRB	"SVTSRB,4,C'F'" NUM OF PBUF-WAIT TASKS POSTD
1184	(4A0)	X'4A4'	0	SVTPBCOM	"SVTSRB+4,4,C'F'" BUFS REFLECTED IN POSTD TSKS
1192	(4A8)	SIGNED	4	SVTINSAV(0)	SVT CHECKPOINTED FROM HERE
1192	(4A8)	SIGNED	4	SVTBUFSZ	DISK BUFR SIZE FROM BUFSIZE
1196	(4AC)	SIGNED	4	SVTMUBLN	Maximum User Buffer Length, This field is the maximum space available for user data in one buffer. It equals TVTBSZDT - (L'DATCC+L'DATCCX).
1196	(4AC)	X'4AE'	0	SVTMUBLH	"SVTMUBLN+2,2" MAXIMUM BUFFER LENGTH AS A HALFWORD
1200	(4B0)	SIGNED	4	SVTMLRL	MAXIMUM LOGICAL RECORD LEN
1204	(4B4)	SIGNED	4	SVTDLMSK	DATA LENGTH MASK, THIS FIELD IS USED TO ISOLATE THE LENGTH FIELD OF THE DATCC
1208	(4B8)	SIGNED	4	SVTDATSZ	IATYDAT SIZE
1212	(4BC)	SIGNED	4	SVTOLIM	DATA SET OUTLIM PARAMETER
1216	(4C0)	SIGNED	2	(0)	

Table 29. Structure SSVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
				SVTWARNI IS USED TO DEFINE THE DEFAULT PERCENTAGE INTERVALS AT WHICH EXCESSION MESSAGE IAT1600 WILL BE ISSUED, PROVIDED THE STANDARDS STATEMENT DEFINES THE ACTION FOR THE SPECIFIC EXCESSION LIMIT TO CONTINUE EXECUTING THE JOB WITH A WARNING MESSAGE. THE FOUR HEX DIGITS REPRESENT THE PERCENTAGE INTERVALS FOR CARDS, LINES, BYTES, AND PAGES, RESPECTIVELY, DIVIDED BY 10. THIS ENTIRE HALFWORD WILL BE PROPAGATED TO JCTWARNI WHERE EACH INDIVIDUAL PERCENTAGE MAY BE OVERRIDDEN BY THE / MAIN STATEMENT (SEE IATISMN). SVTWARNS REPRESENTS THE PERCENTAGE REPORTING INTERVAL FOR SYSTEM LINES (MESSAGE IAT1612) IN FULL, NOT DIVIDED BY 10. THIS PERCENTAGE CANNOT BE OVERRIDDEN.	
1216	(4C0)	BITSTRING	2	SVTWARNI	EXCESSION MSG PERCENTAGES (CARDS,LINES,BYTES,PAGES) DIVIDED BY 10
1218	(4C2)	ADDRESS	1	SVTWARNS	PERCENTAGE REPORT INTERVAL FOR SYSLINES
1219	(4C3)	BITSTRING	1	SVTRESV1	Reserved for IBM 10131SYC
1220	(4C4)	SIGNED	4	SVTMAXSL	DEFAULT JOB SYSTEM LINES (1000*SYSLINES PARAMETER)
1224	(4C8)	SIGNED	4	SVTRESV2	Reserved for Service
1228	(4CC)	BITSTRING	4	SVTRMFF	TERMINATOR FOR NULL SETNAMES
1232	(4D0)	SIGNED	4	SVTPFECB	ECB USED DURING JES PG FIX
1236	(4D4)	SIGNED	4	SVTJCNT	TOTAL JSAM I/O
1240	(4D8)	SIGNED	4	SVTUCNT	TOTAL USAM I/O
1244	(4DC)	SIGNED	4	SVTRSVD3	Reserved for development
1248	(4E0)	SIGNED	4	SVTJ3ECB	JES3'S MASTER ECB 10
1252	(4E4)	BITSTRING	1	SVTRSVD7(9)	Reserved for development
1261	(4ED)	BITSTRING	1	SVTRSVS4(3)	RESERVED FOR SERVICE
1264	(4F0)	SIGNED	4	SVTFDSSQ	QUE OF DSS'S TO BE FREED
1268	(4F4)	SIGNED	4	SVTRSVD4(2)	RESERVED FOR SERVICE
1276	(4FC)	SIGNED	4	SVTRSVU4(2)	RESERVED FOR USER
		DATA, CONSTANTS, AND FLAGS - HALFWORD AND UNALIGNED			
1284	(504)	SIGNED	2	SVTRSVD2	RESERVED FOR DEVELOPMENT
1286	(506)	SIGNED	2	SVTISRS	NO.ISR'S
1288	(508)	SIGNED	2	SVTJBUFS	NO.BUFFERS IN JES3 MEMORY
1290	(50A)	SIGNED	2	SVTMAXRL	MAX USR BUF SPACE(ROOM LEFT)
1292	(50C)	SIGNED	2	SVTNBFPG	NUMBER OF BUFFERS PER 4K PAG
1294	(50E)	SIGNED	2	SVTPBUFS	NO.PROTECTED BUFFERS
1296	(510)	SIGNED	2	SVTPCHIN	CARD EXCESSION MSG INCREMENT
1298	(512)	SIGNED	2	SVTPRTIN	LINE EXCESSION MSG INCREMENT
1300	(514)	SIGNED	2	SVTNSRBS	NO.SRB'S
1302	(516)	SIGNED	2	SVTUSRPG	NO.USER MEMORY BUFS/OPEN DS
1304	(518)	SIGNED	2	SVTRSVS6(4)	RESERVED FOR SERVICE
1312	(520)	SIGNED	2	SVTRSVD5(3)	RESERVED FOR DEVELOPMENT
1318	(526)	SIGNED	2	SVTRSVU5(3)	RESERVED FOR USER
1324	(52C)	ADDRESS	1	SVTRAGNO	NO RECORDS TO ALLOC AT TIME

Table 29. Structure SSVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		GTF Trace Id Flags. Flags for trace records that are no longer supported are not listed. Therefore, the trace ids may not be consecutive. Note: Only flags used by the TRACE command are listed. 06953SXA		06953SXA	
1325	(52D)	BITSTRING	4	SVTGTRF(0)	TRACE ID FLAGS
1325	(52D)	BITSTRING	1	SVTGTRF1	TRACE ID FLAG BYTE 1
		Definition of SVTGTRF1			
		1...		SVTG001	"X'80'" Trace ID 1 - WTOSSI
		.1..		SVTG002	"X'40'" Trace ID 2 - WTOSSI
		..1.		SVTG003	"X'20'" Trace ID 3 - WTOSSI
		...1		SVTG005	"X'10'" Trace ID 5 - WTLSSI
		.... 1...		SVTG006	"X'08'" Trace ID 6 - WTLSSI
		.... .1..		SVTG008	"X'04'" Trace ID 8 - WTOSSI
		.... ..1.		SVTG009	"X'02'" Trace ID 9 - WTOSSI
		1		SVTG011	"X'01'" Trace ID 11 - WTOSSI
1326	(52E)	BITSTRING	1	SVTGTRF2	TRACE ID FLAG BYTE 2
		Definition of SVTGTRF2			
		1...		SVTG012	"X'80'" Trace ID 12 - WTOSSI
		.1..		SVTG014	"X'40'" Trace ID 14 - WLMENF
		..1.		SVTG015	"X'20'" Trace ID 15 - WLMMDSFCT
		...1		SVTG016	"X'10'" Trace ID 16 - WLMMDSJOB
		.... 1...		SVTG017	"X'08'" Trace ID 17 - WLMGMSFCT
		.... .1..		SVTG018	"X'04'" Trace ID 18 - WLMGMSJOB
		.... ..1.		SVTG019	"X'02'" Trace ID 19 - SAPI
		1		SVTG020	"X'01'" Trace ID 20 - WLMWLMFCT
1327	(52F)	BITSTRING	1	SVTGTRF3	Trace ID FLAG BYTE 3
		Definition of SVTGTRF3			
		1...		SVTG021	"X'80'" Trace ID 21 - SSI80
		.1..		SVTG022	"X'40'" Trace ID 22 - Reserved
		..1.		SVTG023	"X'20'" Trace ID 23 - Reserved
		...1		SVTG024	"X'10'" Trace ID 24 - WLMSAMPSC
		.... 1...		SVTG025	"X'08'" Trace ID 25 - WLMSAMPRC
		.... .1..		SVTG026	"X'04'" Trace ID 26 - JOBDELAY
		.... ..1.		SVTG007	"X'02'" Trace ID 7 - MBSTATS
1328	(530)	BITSTRING	1	SVTGTRF4	Trace ID FLAG BYTE 4
1329	(531)	BITSTRING	1	SVTRSVD9(4)	RESERVED FOR DEVELOPMENT
1333	(535)	BITSTRING	1	SVTFLAG1	FLAGS
		Definition of SVTFLAG1			
		1...		SVTABFG	"X'80'" SYSTEM IS TERMINATING
		.1..		SVTGLOBL	"X'40'" SYSTEM IS IN GLOBAL MODE

Table 29. Structure SSVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		SVTDSI	"X'20'" DSI ACTIVE
		...1		SVTQUFG	"X'10'" SYSTEM IN QUIESCING MODE
		.... 1...		SVTVIRT	"X'08'" SYSTEM IS VIRTUAL
		.... .1..		SVTABNP	"X'04'" ABEND PROCESSING
		.... ..1.		SVTDEXES	"X'02'" IATABTDX exit established
		1		SVTNOMCS	"X'01'" BYPASS MCS PROCESSING
		SVTFLAG2 MUST BE CHANGED USING COMPARE/SWAP ONLY, TO INSURE SERIALIZATION.			
1334	(536)	BITSTRING	1	SVTFLAG2	FLAGS
		Definition of SVTFLAG2			
		1...		SVTEOMJ3	"X'80'" IATSIEM (End of Memory) has run for JES3
		.1..		SVTSMS	"X'40'" SMS IS ACTIVE ON THIS MAIN PROCESSOR
		..1.		SVTMEMF	"X'20'" MEMTERM FAILURE
		...1		SVTMDSTB	"X'10'" MDS TABLES HAVE BEEN BUILT
		.... 1...		SVTMDACT	"X'08'" SETUP ACTIVE
		.... .1..		SVTSVRYL	"X'04'" VARYL PROCESSING ENABLED *C VARYL WILL RESET THIS BIT
		.... ..1.		SVTXCFMD	"X'02'" JESXCF MDB constraint
		1		SVTWTOBF	"X'01'" WTO BUFFER CONSTRAINT
		THE FLAGS DEFINED IN SVTFLAG3 MUST BE SET ONLY FROM UNDER THE JES3 IATNUC TASK TO ENSURE PROPER SERIALIZATION.			
1335	(537)	BITSTRING	1	SVTFLAG3	FLAGS
		Definition of SVTFLAG3			
		1...		SVTATPST	"X'80'" AUXTASK POSTING ENABLED
		.1..		SVTF3R40	"X'40'" Reserved for IBM
		..1.		SVTF3R20	"X'20'" Reserved for IBM
		...1		SVTF3R10	"X'10'" Reserved for IBM
		.... 1...		SVTF3R08	"X'08'" Reserved for IBM
		.... .1..		SVTF3R04	"X'04'" Reserved for IBM
		.... ..1.		SVTF3R02	"X'02'" Reserved for IBM
		1		SVTF3R01	"X'01'" Reserved for IBM
		JES3 CONSOLE SERVICE FLAG (GENERAL PURPOSE)			
1336	(538)	BITSTRING	1	SVTCNFLG	FLAGS
		Definition of SVTCNFLG			
		1...		SVTCIFSS	"X'80'" CIFSS=MSGROUTE SPECIFIED ON THE CONSTD STATEMENT, LEAVE CI/FSS ROUTING ALONE
		.1..		SVTCNF40	"X'40'" RESERVED FOR SERVICE
		..1.		SVTCNF20	"X'20'" RESERVED FOR SERVICE
		...1		SVTCNF10	"X'10'" RESERVED FOR SERVICE

Table 29. Structure SSVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		SVTCNF08	"X'08'" RESERVED FOR SERVICE
		.... .1..		SVTCNF04	"X'04'" RESERVED FOR SERVICE
		.... ..1.		SVTCNF02	"X'02'" RESERVED FOR SERVICE
		1		SVTCNF01	"X'01'" RESERVED FOR SERVICE
1337	(539)	BITSTRING	1	SVTRSVS7(2)	RESERVED FOR SERVICE
1339	(53B)	BITSTRING	1	SVTRSVD6(3)	RESERVED FOR DEVELOPMENT
1342	(53E)	BITSTRING	1	SVTRSVU6(2)	RESERVED FOR USER
1344	(540)	DBL WORD	8	SVTSEND(0)	PAD TO DOUBLE WORD

Table 30. Cross Reference for IATYSVT

Name	Offset	Hex Tag
SSVT	0	
SSVTBEGN	0	0
SSVTFCOD	4	
SSVTFNUM	2	
SSVTFRTN	104	
SSVTFSIZ	4	104
SSVTRSV1	0	
SSVTSIZE	504	504
SVTABEND	2B0	
SVTABFG	535	80
SVTABIP	238	C1C2C9D7
SVTABNP	535	4
SVTACBAD	374	
SVTACQQ	370	
SVTASCB	2B4	
SVTASID	2A4	0
SVTASIDL	2A4	
SVTATECB	33C	0
SVTATPST	537	80
SVTBALJC	330	0
SVTBALP	2B8	
SVTBUFSZ	4A8	0
SVTCASID	2AA	8000
SVTCIFSS	538	80
SVTCMDLN	43C	0
SVTCMTR	3F0	
SVTCNDS	260	C3D5C4E2
SVTCNFLG	538	0
SVTCNF01	538	1
SVTCNF02	538	2
SVTCNF04	538	4
SVTCNF08	538	8
SVTCNF10	538	10
SVTCNF20	538	20

Table 30. Cross Reference for IATYSVT (continued)

Name	Offset	Hex Tag
SVTCNF40	538	40
SVTCNNF	3AC	
SVTCPID	3E0	0
SVTCSASP	3A4	4
SVTCSF	3F4	0
SVTCSFAV	3F4	4
SVTCSFGP	3F4	10
SVTCSFJ3	3F4	8
SVTCSFSA	3F4	2
SVTCSFWO	3F4	80
SVTCSR01	3F4	1
SVTCSR20	3F4	20
SVTCSR40	3F4	40
SVTCTF	410	0
SVTCTFCM	410	40
SVTCTFJ3	410	8
SVTDATSZ	4B8	0
SVTDEXES	535	2
SVTDLMSK	4B4	0
SVTDLOG	2C0	
SVTDMBS	200	C4D4C2E2
SVTDMCBF	488	
SVTDMCFX	39C	
SVTDMCPG	3A0	0
SVTDMCSZ	3A2	0
SVTDMDK	1EC	C4D4C4D2
SVTDMDKD	168	
SVTDMDKG	2CC	
SVTDMDKP	2C4	
SVTDMDKR	2C8	
SVTDMDM	1F0	C4D4C4D4
SVTDMDS	1F4	C4D4C4E2
SVTDMDSL	2D0	
SVTDMDSM	448	
SVTDMDSS	2D4	
SVTDMEB	1F8	C4D4C5C2
SVTDMEBA	2D8	
SVTDMEBD	440	
SVTDMEBI	148	
SVTDMEBM	2DC	
SVTDMEBR	138	
SVTDMEBS	2E0	
SVTDMEBW	444	
SVTDMEB2	15C	
SVTDMEB3	160	
SVTDMFR	1FC	C4D4C6D9

Table 30. Cross Reference for IATYSVT (continued)

Name	Offset	Hex Tag
SVTDMFRM	2E4	
SVTDMGR	258	C4D4C7D9
SVTDMIT	22C	C4D4C9E3
SVTDMITM	44C	
SVTDMPC	158	0
SVTDMRN	418	
SVTDMUB	228	C4D4E4C2
SVTDSDOM	360	0
SVTDSI	535	20
SVTDSQ	2E8	
SVTDSSFD	340	40
SVTDSSFR	340	80
SVTDSSGR	340	1
SVTDSSGT	340	0
SVTDSU58	3F5	8
SVTDSU59	3F5	4
SVTDULST	414	
SVTDYD	36C	
SVTECBX	2EC	
SVTENCTL	1C0	0
SVTENFRW	1C4	
SVTENWRK	1C0	
SVTEOMJ3	536	80
SVTERRQ	2F0	
SVTERRWK	2F4	
SVTFDSSQ	4F0	0
SVTFLAGC	3F5	0
SVTFLAGJ	3F6	0
SVTFLAG1	535	0
SVTFLAG2	536	0
SVTFLAG3	537	0
SVTFLJ01	3F6	1
SVTFSPCT	48C	
SVTF3R01	537	1
SVTF3R02	537	2
SVTF3R04	537	4
SVTF3R08	537	8
SVTF3R10	537	10
SVTF3R20	537	20
SVTF3R40	537	40
SVTGLOBL	535	40
SVTGRAS	25C	C7D9C1E2
SVTGRJSM	164	
SVTGRMVD	268	
SVTGRQM	470	C7D9D8D4
SVTGRRL	248	C7D9D9D3

Table 30. Cross Reference for IATYSVT (continued)

Name	Offset	Hex Tag
SVTGRSC	24C	C7D9E2C3
SVTGRSP	274	
SVTGTRF	52D	
SVTGTRF1	52D	0
SVTGTRF2	52E	0
SVTGTRF3	52F	0
SVTGTRF4	530	0
SVTG001	52D	80
SVTG002	52D	40
SVTG003	52D	20
SVTG005	52D	10
SVTG006	52D	8
SVTG007	52F	2
SVTG008	52D	4
SVTG009	52D	2
SVTG011	52D	1
SVTG012	52E	80
SVTG014	52E	40
SVTG015	52E	20
SVTG016	52E	10
SVTG017	52E	8
SVTG018	52E	4
SVTG019	52E	2
SVTG020	52E	1
SVTG021	52F	80
SVTG022	52F	40
SVTG023	52F	20
SVTG024	52F	10
SVTG025	52F	8
SVTG026	52F	4
SVTHNODE	1B8	40404040
SVTHRMPP	3F5	20
SVTID	29C	27F
SVTIIIII	204	C9C9C9C9
SVTINSAV	4A8	
SVTIOPRM	2F8	
SVTISJES	318	
SVTISRS	506	0
SVTISUSR	314	
SVTJAUX1	3F6	10
SVTJAUX2	3F6	8
SVTJAUX3	3F6	4
SVTJAU3F	3F6	2
SVTJBUFS	508	0
SVTJCNT	4D4	0
SVTJESIN	3F5	40

Table 30. Cross Reference for IATYSVT (continued)

Name	Offset	Hex Tag
SVTJESUP	3F5	80
SVTJSTCB	2FC	
SVTJSTKN	3D0	0
SVTJS3NM	2AC	40404040
SVTJTOKN	42C	0
SVTJXGNM	388	40404040
SVTJXGT	37C	0
SVTJ3ECB	4E0	0
SVTJ3PST	368	
SVTJ3XGT	484	0
SVTLCMD	3DC	
SVTMAXRL	50A	0
SVTMAXSL	4C4	2710
SVTMCTRA	3B0	
SVTMDACT	536	8
SVTMDCR	428	
SVTMDSTB	536	10
SVTMEMD	300	
SVTMEMF	536	20
SVTMEMVT	480	
SVTMGR	304	
SVTMLRL	4B0	0
SVTMPACT	308	
SVTMPCDA	30C	
SVTMPCFD	46C	
SVTMPCPV	468	
SVTMPGBL	364	
SVTMUBLH	4AC	4AE
SVTMUBLN	4AC	0
SVTMXSRB	4A0	4A0
SVTNBFPG	50C	0
SVTNITID	320	0
SVTNOMCS	535	1
SVTNSCT	408	
SVTNSRBS	514	0
SVTOLIM	4BC	FFFFFF
SVTOSDI	208	D6E2C4C9
SVTOSENF	3A8	
SVTPBAUX	398	80
SVTPBCNT	498	49C
SVTPBCOM	4A0	4A4
SVTPBFIX	398	
SVTPBQ	498	0
SVTPBUFQ	498	498
SVTPBUFS	50E	0
SVTPCDP	394	

Table 30. Cross Reference for IATYSVT (continued)

Name	Offset	Hex Tag
SVTPCHIN	510	C8
SVTPFECB	4D0	0
SVTPLEXS	3E8	
SVTPRSP	420	0
SVTPRTIN	512	BB8
SVTPTBF	424	0
SVTPTIM	41C	0
SVTQUFG	535	10
SVTRAGN0	52C	
SVTREFSG	26C	
SVTREFSS	218	
SVTREGLB	220	
SVTREGMS	214	
SVTRESD1	3F7	0
SVTRESD2	411	0
SVTRESRB	21C	
SVTRESU1	454	0
SVTRESV1	4C3	0
SVTRESV2	4C8	0
SVTRESV3	3EC	
SVTRMFF	4CC	FFFFFFFF
SVTRMLOC	328	
SVTRMTR	47C	
SVTRMUCT	32C	0
SVTRMVT	328	
SVTROUT	3F8	0
SVTRSC01	3F5	1
SVTRSC02	3F5	2
SVTRSC10	3F5	10
SVTRSF02	3A4	2
SVTRSVDA	2A0	0
SVTRSVDR	16C	
SVTRSVD1	1E8	
SVTRSVD2	504	0
SVTRSVD3	4DC	0
SVTRSVD4	4F4	0
SVTRSVD5	520	0
SVTRSVD6	53B	0
SVTRSVD7	4E4	0
SVTRSVD8	110	
SVTRSVD9	531	0
SVTRSVS2	23C	
SVTRSVS3	3A5	0
SVTRSVS4	4ED	0
SVTRSVS6	518	0
SVTRSVS7	539	0

Table 30. Cross Reference for IATYSVT (continued)

Name	Offset	Hex Tag
SVTRSVU4	4FC	0
SVTRSVU5	526	0
SVTRSVU6	53E	0
SVTSACNT	380	0
SVTSAFLG	3A4	0
SVTSAMAX	384	0
SVTSAMPA	378	
SVTSAR	40C	
SVTSCCLN	1CC	
SVTSCMSG	1C8	
SVTSCTAD	390	
SVTSDA	31C	
SVTSEND	540	
SVTSETNM	334	
SVTSETUN	338	
SVTSIADD	344	
SVTSIADJ	450	
SVTSIADL	490	
SVTSIAI	244	E2C9C1C9
SVTSIAU	124	
SVTSIAUA	128	
SVTSIEND	10C	110
SVTSIJR2	234	
SVTSIJSC	278	
SVTSIJSD	264	
SVTSIJSL	494	
SVTSIJT2	230	
SVTSIODA	1D0	E2C9D6C4
SVTSIODC	1DC	
SVTSIODI	1E4	
SVTSIODL	1E0	
SVTSIODO	1D4	
SVTSIODS	1D8	
SVTSIORI	348	
SVTSIVI	10C	E2C9E5C9
SVTSIZY	2A2	540
SVTSMJSS	3F6	40
SVTSMS	536	40
SVTSMSET	3F6	20
SVTSMSRS	3F6	80
SVTSQE	34C	
SVTSRB	4A0	0
SVTSSARR	1A0	
SVTSSCM	20C	E2E2C3D4
SVTSSIAU	104	
SVTSSINA	108	

Table 30. Cross Reference for IATYSVT (continued)

Name	Offset	Hex Tag
SVTSSIPC	134	0
SVTSSJI	474	E2E2D1C9
SVTSSJIR	478	
SVTSSJM	270	
SVTSSRE	210	E2E2D9C5
SVTSSRTN	1AC	
SVTSSVTP	130	
SVTSSVTX	12C	
SVTSVRYL	536	4
SVTSYSID	3A6	0
SVTSYSTS	3E4	
SVTSYSUN	350	
SVTTVT	354	
SVTUCN	2BC	
SVTUCNT	4D8	0
SVTUSER1	3B8	
SVTUSRPG	516	0
SVTUX32	224	E4E7F3F2
SVTUX57	340	
SVTUX58	250	E4E7F5F8
SVTUX59	254	E4E7F5F9
SVTVIRT	535	8
SVTWARNI	4C0	5555
SVTWARNS	4C2	
SVTWISEQ	3D8	0
SVTWTOBF	536	1
SVTXASID	2A6	0
SVTXCFAD	2A8	0
SVTXCFMD	536	2
SVTXCFTL	310	
SVTXSDWA	3B4	
SVTXSQE	358	
SVTXTRC	35C	
SVTX57DM	340	80
SVTYMOD	27C	C9C1E3E2
SVT0	59	100
SVT3713I	3CC	0
SVT6350I	3C0	0
SVT6351I	3C4	0
SVT6353I	3C8	0

IATYSVTX information

IATYSVTX heading information

Common name: JES3 Subsystem Vector Table Extensions

Macro ID:		IATYSVTX			
DSECT name:		SSVTP, IATSSVTX			
Owning component:		JES3 (SC1BA)			
Eye-catcher ID:		IATSSVTP, IATSSVTX Offset: 0 Length: 8			
Storage attributes:		Subpool: IATSSVTP: 241 (pageable CSA) IATSSVTX: 228 (fixed CSA) Key: 1 (JESKEY)			
Size:		See module listing			
Created by:		IATSSVTP: IATINSV IATSSVTX: N/A			
Pointed to by:		IATSSVTP: SVTSSVTP in IATYSVT IATSSVTX: SVTSSVTX in IATYSVT			
Serialization:		None			
Function:		JES3 SVT Above-the-line extensions			

IATYSVTX mapping

Table 31. Structure SSVTP

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SSVTP	, SSVTP mapping
0	(0)	CHARACTER	8	SVTPID	Eyecatcher "IATSSVTP"
8	(8)	CHARACTER	14	SVTPM_ABIP	IATABIP maintenance level
22	(16)	CHARACTER	14	SVTPM_ABTDX	IATABTDX maintenance level
36	(24)	CHARACTER	14	SVTPM_CNDS	IATCNDS maintenance level
50	(32)	CHARACTER	14	SVTPM_DMBS	IATDMBS maintenance level
64	(40)	CHARACTER	14	SVTPM_DMDK	IATDMDK maintenance level
78	(4E)	CHARACTER	14	SVTPM_DMDM	IATDMDM maintenance level
92	(5C)	CHARACTER	14	SVTPM_DMDS	IATDMDS maintenance level
106	(6A)	CHARACTER	14	SVTPM_DMEB	IATDMEB maintenance level
120	(78)	CHARACTER	14	SVTPM_DMEBS	IATDMEBS maintenance level 11485TAA
134	(86)	CHARACTER	14	SVTPM_DMEB2	IATDMEB2 maintenance level 11485TAA
148	(94)	CHARACTER	14	SVTPM_DMEB3	IATDMEB3 maintenance level 11485TAA
162	(A2)	CHARACTER	14	SVTPM_DMFR	IATDMFR maintenance level
176	(B0)	CHARACTER	14	SVTPM_DMGR	IATDMGR maintenance level
190	(BE)	CHARACTER	14	SVTPM_DMIT	IATDMIT maintenance level
204	(CC)	CHARACTER	14	SVTPM_DMUB	IATDMUB maintenance level
218	(DA)	CHARACTER	14	SVTPM_GRAS	IATGRAS maintenance level
232	(E8)	CHARACTER	14	SVTPM_GRJSM	IATGRJSM maintenance level
246	(F6)	CHARACTER	14	SVTPM_GRMVD	IATGRMVD maintenance level
260	(104)	CHARACTER	14	SVTPM_GRQM	IATGRQM maintenance level
274	(112)	CHARACTER	14	SVTPM_GRRL	IATGRRL maintenance level
288	(120)	CHARACTER	14	SVTPM_GRSC	IATGRSC maintenance level
302	(12E)	CHARACTER	14	SVTPM_GRSP	IATGRSP maintenance level
316	(13C)	CHARACTER	14	SVTPM_IIII	IATIIII maintenance level
330	(14A)	CHARACTER	14	SVTPM_OSDI	IATOSDI maintenance level
344	(158)	CHARACTER	14	SVTPM_OSENF	IATOSENF maintenance level
358	(166)	CHARACTER	14	SVTPM_SIAD	IATSIAD maintenance level
372	(174)	CHARACTER	14	SVTPM_SIAF	IATSIAF maintenance level

Table 31. Structure SSVTP (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
386	(182)	CHARACTER	14	SVTPM_SIAI	IATSIAI maintenance level
400	(190)	CHARACTER	14	SVTPM_SIAU	IATSIAU maintenance level
414	(19E)	CHARACTER	14	SVTPM_SIBD	IATSIBD maintenance level
428	(1AC)	CHARACTER	14	SVTPM_SIBS	IATSIBS maintenance level
442	(1BA)	CHARACTER	14	SVTPM_SICA	IATSICA maintenance level
456	(1C8)	CHARACTER	14	SVTPM_SICC	IATSICC maintenance level
470	(1D6)	CHARACTER	14	SVTPM_SICD	IATSICD maintenance level
484	(1E4)	CHARACTER	14	SVTPM_SICF	IATSICF maintenance level
498	(1F2)	CHARACTER	14	SVTPM_SICN	IATSICN maintenance level
512	(200)	CHARACTER	14	SVTPM_SIDD	IATSIDD maintenance level
526	(20E)	CHARACTER	14	SVTPM_SIDR	IATSIDR maintenance level
540	(21C)	CHARACTER	14	SVTPM_SIEM	IATSIEM maintenance level
554	(22A)	CHARACTER	14	SVTPM_SIES	IATSIES maintenance level
568	(238)	CHARACTER	14	SVTPM_SIJP	IATSIJP maintenance level
582	(246)	CHARACTER	14	SVTPM_SIJPC	IATSIJPC maintenance level
596	(254)	CHARACTER	14	SVTPM_SIJPI	IATSIJPI maintenance level
610	(262)	CHARACTER	14	SVTPM_SIJPN	IATSIJPN maintenance level
624	(270)	CHARACTER	14	SVTPM_SIJPS	IATSIJPS maintenance level
638	(27E)	CHARACTER	14	SVTPM_SIJPX	IATSIJPX maintenance level
652	(28C)	CHARACTER	14	SVTPM_SIJS	IATSIJS maintenance level
666	(29A)	CHARACTER	14	SVTPM_SINQ	IATSINQ maintenance level
680	(2A8)	CHARACTER	14	SVTPM_SINU	IATSINU maintenance level
694	(2B6)	CHARACTER	14	SVTPM_SIOD	IATSIOD maintenance level
708	(2C4)	CHARACTER	14	SVTPM_SIOP	IATSIOP maintenance level
722	(2D2)	CHARACTER	14	SVTPM_SIOR	IATSIOR maintenance level
736	(2E0)	CHARACTER	14	SVTPM_SIPJ	IATSIPJ maintenance level
750	(2EE)	CHARACTER	14	SVTPM_SIPT	IATSIPT maintenance level
764	(2FC)	CHARACTER	14	SVTPM_SISA	IATSISA maintenance level
778	(30A)	CHARACTER	14	SVTPM_SISO	IATSISO maintenance level
792	(318)	CHARACTER	14	SVTPM_SIST	IATSIST maintenance level
806	(326)	CHARACTER	14	SVTPM_SITS	IATSITS maintenance level
820	(334)	CHARACTER	14	SVTPM_SIVI	IATSIVI maintenance level
834	(342)	CHARACTER	14	SVTPM_SIVL	IATSIVL maintenance level
848	(350)	CHARACTER	14	SVTPM_SIVR	IATSIVR maintenance level
862	(35E)	CHARACTER	14	SVTPM_SIWO	IATSIWO maintenance level
876	(36C)	CHARACTER	14	SVTPM_SI34	IATSI34 maintenance level
890	(37A)	CHARACTER	14	SVTPM_SI70	IATSI70 maintenance level
904	(388)	CHARACTER	14	SVTPM_SI83	IATSI83 maintenance level
918	(396)	CHARACTER	14	SVTPM_SSCM	IATSSCM maintenance level
932	(3A4)	CHARACTER	14	SVTPM_SSJI	IATSSJI maintenance level
946	(3B2)	CHARACTER	14	SVTPM_SSJM	IATSSJM maintenance level
960	(3C0)	CHARACTER	14	SVTPM_DMRN	IATDMRN maintenance level
974	(3CE)	CHARACTER	14	SVTPM_SSRE	IATSSRE maintenance level
988	(3DC)	CHARACTER	14	SVTPM_UX32	IATUX32 maintenance level
1002	(3EA)	CHARACTER	14	SVTPM_UX57	IATUX57 maintenance level

Table 31. Structure SSVTP (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1016	(3F8)	CHARACTER	14	SVTPM_UX58	IATUX58 maintenance level
1030	(406)	CHARACTER	14	SVTPM_UX59	IATUX59 maintenance level
1044	(414)	CHARACTER	14	SVTPM_RSVD1(7)	Reserved for IBM 11485TAC
1144	(478)	SIGNED	4	SVTP2010	IAT2010 message ID number
1148	(47C)	ADDRESS	4	SVTPOHLD	IAZOHLD text table address 15762T8A in CSA (SP241) 15762T8A
1152	(480)	ADDRESS	4	SVTPOHIX	IAZOHLD index table address 15762T8A in CSA (SP241) 15762T8A
1156	(484)	ADDRESS	4	SVTPPHTP	Job phase text table 18448TAA address in CSA (SP241) 18448TAA
1160	(488)	ADDRESS	4	SVTPJDTP	Job delay text table 18448TAA address in CSA (SP241) 18448TAA
1164	(48C)	ADDRESS	4	SVTPHCHK	Health check data area address in CSA (SP241)
1168	(490)	SIGNED	4	SVTPRSV2(5)	Reserved for IBM
1188	(4A4)	SIGNED	4	SVTPEND(0)	End of data area
1188	(4A4)	X'4A4'	0	SVTPSIZE	"SVTPEND-SSVTP" Size of data area

Table 32. Structure IATSSVTX

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATSSVTX	, Generate mapping

```
          JES3 MODULE ENTRY POINT IDENTIFIER
01 Change Activity:
   $SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0
```

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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
32	(20)	X'0'	0	SVTXID	"IATSSVTX,8" Eyecatcher "IATYSVTX"
36	(24)	SIGNED	4	SVTXRSV1	Reserved for IBM
40	(28)	SIGNED	4	SVTXECBA	ECB used by JES3 to post JES3AUX during initialization
44	(2C)	ADDRESS	4	SVTXAXCB	JES3AUX ASCB address
48	(30)	ADDRESS	4	SVTX_SIOP	SSI 01 IATSIOP Process SYSOUT (PSO)
52	(34)	ADDRESS	4	SVTX_SICN	SSI 02 IATSICN Job Cancel
56	(38)	ADDRESS	4	SVTX_SIST	SSI 03 IATSIST Job Status
60	(3C)	ADDRESS	4	SVTX_SIJSE	SSI 04 IATSIJS End of Task
64	(40)	ADDRESS	4	SVTX_SIJS	SSI 05 IATSIJS Job Selec- tion
68	(44)	ADDRESS	4	SVTX_SIADA	SSI 06 IATSIAD Allocation
72	(48)	ADDRESS	4	SVTX_SIADU	SSI 07 IATSIAD Unallocation
76	(4C)	ADDRESS	4	SVTX_SIEM	SSI 08 IATSIEM End of Memory
80	(50)	ADDRESS	4	SVTX_SIWO	SSI 09 IATSIWO WTO/WTOR
84	(54)	ADDRESS	4	SVTX_SI34	SSI 10 IATSI34 Command Processing
88	(58)	ADDRESS	4	SVTX_SIVL	SSI 11 IATSIVL Destination Validation
92	(5C)	ADDRESS	4	SVTX_SIJST	SSI 12 IATSIJS Job Deletion

Table 32. Structure IATSSVTX (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
96	(60)	ADDRESS	4	SVTX_SIJSR	SSI 13 IATSIJS Job Re-enqueue
100	(64)	ADDRESS	4	SVTX_SIORO	SSI 16 IATSIOR Open
104	(68)	ADDRESS	4	SVTX_SICCL	SSI 17 IATSICC Close
108	(6C)	ADDRESS	4	SVTX_SICCH	SSI 18 IATSICC Checkpoint
112	(70)	ADDRESS	4	SVTX_SIORR	SSI 19 IATSIOR Restart
116	(74)	ADDRESS	4	SVTX_SIJSQ	SSI 20 IATSIJS Request Job Id
120	(78)	ADDRESS	4	SVTX_SIJSJ	SSI 21 IATSIJS Return Job Id
124	(7C)	ADDRESS	4	SVTX_SIBS	SSI 22 IATSIBS Step Initia- tion
128	(80)	ADDRESS	4	SVTX_SICA3	SSI 23 IATSICA Dynamic Allocation
132	(84)	ADDRESS	4	SVTX_SICA	SSI 24 IATSICA Common Allocation
136	(88)	ADDRESS	4	SVTX_SICA2	SSI 25 IATSICA Common Unallocation
140	(8C)	ADDRESS	4	SVTX_SIDD	SSI 26 IATSIDD Change DD Name
144	(90)	ADDRESS	4	SVTX_SINQ	SSI 27 IATSINQ Change ENQ
148	(94)	ADDRESS	4	SVTX_SIDR	SSI 28 IATSIDR DDR Candidate Selection
152	(98)	ADDRESS	4	SVTX_SIDR2	SSI 29 IATSIDR DDR Candidate Verification
156	(9C)	ADDRESS	4	SVTX_SIDR3	SSI 30 IATSIDR DDR Swap Notification
160	(A0)	ADDRESS	4	SVTX_SIDR4	SSI 31 IATSIDR DDR Swap Complete
164	(A4)	ADDRESS	4	SVTX_SICF	SSI 32 IATSICF SVC 34 Command Fail
168	(A8)	ADDRESS	4	SVTX_SIWOL	SSI 34 IATSIWO Write to Log
172	(AC)	ADDRESS	4	SVTX_SIVR	SSI 40 IATSIVR Early Volume Release
176	(B0)	ADDRESS	4	SVTX_SICD	SSI 53 IATSICD FSS/FSA Connect/ Disconnect
180	(B4)	ADDRESS	4	SVTX_SIVI	SSI 54 IATSIVI Subsystem Version Information
184	(B8)	ADDRESS	4	SVTX_SISA	SSI 56 IATSISA JES3 SPOOL Access Facility
188	(BC)	ADDRESS	4	SVTX_SIBD	SSI 62 IATSIBD BDT Subsystem
192	(C0)	ADDRESS	4	SVTX_SITS	SSI 64 IATSITS Transaction Processing
196	(C4)	ADDRESS	4	SVTX_SIPT	SSI 72 IATSIPT VARY Path
200	(C8)	ADDRESS	4	SVTX_SINU	SSI 75 IATSINU Notify User
204	(CC)	ADDRESS	4	SVTX_SIPJ	SSI 77 IATSIPJ Persistent JCL
208	(D0)	ADDRESS	4	SVTX_SISO	SSI 79 IATSISO SYSOUT Application Programming Interface (SAPI)
212	(D4)	ADDRESS	4	SVTX_SIES	SSI 80 IATSIES Extended Status
216	(D8)	ADDRESS	4	SVTX_SIJP	SSI 82 IATSIJP JES Properties router
220	(DC)	ADDRESS	4	SVTX_SIJPC	SSI 82 IATSIJPC Classes
224	(E0)	ADDRESS	4	SVTX_SIJPI	SSI 82 IATSIJPI Initiators
228	(E4)	ADDRESS	4	SVTX_SIJPN	SSI 82 IATSIJPN Nodes
232	(E8)	ADDRESS	4	SVTX_SIJPS	SSI 82 IATSIJPS Spool Partition
236	(EC)	ADDRESS	4	SVTX_SIJPX	SSI 82 IATSIJPX JESplex
240	(F0)	SIGNED	4	SVTXECJ1	ECB used by JES3AUX to post JES3 for phase 1 initialization
244	(F4)	SIGNED	4	SVTXECJ2	ECB used by JES3AUX to post JES3 for phase 2 initialization
248	(F8)	SIGNED	4	SVTXECJ3	ECB used by JES3AUX to post JES3 for phase 3 initialization
252	(FC)	ADDRESS	4	SVTX_ABTDX	Tailored Dump Exit

Table 32. Structure IATSSVTX (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
256	(100)	ADDRESS	4	SVTX_SIAF	SSI activity service
260	(104)	ADDRESS	4	SVTXACTB	SSI activity table
264	(108)	ADDRESS	4	SVTX_SI70	SSI 70 IATSI70 Scheduler JCL Facilities
268	(10C)	ADDRESS	4	SVTX_SI83	SSI 83 IATSI83 JES3 Managed Devices
272	(110)	ADDRESS	4	SVTX_SICCE	JES symbol extract routine
280	(118)	DBL WORD	8	SVTXDUTS	*DUMP time stamp - used by IATABTDX
288	(120)	ADDRESS	4	SVTX_SICCS	JES symbol create routine 17567TAA
292	(124)	SIGNED	4	SVTXRSV3(8)	Reserved for IBM
324	(144)	SIGNED	4	SVTXEND(0)	End of data area
324	(144)	X'144'	0	SVTXSIZE	"SVTXEND-IATSSVTX" Size of data area

Table 33. Cross Reference for IATYSVTX

Name	Offset	Hex Tag
IATSSVTX	0	
SSVTP	0	
SVTPEND	4A4	
SVTPHCHK	48C	
SVTPID	0	
SVTPJDTP	488	
SVTPM_ABIP	8	40404040
SVTPM_ABTDX	16	40404040
SVTPM_CNDS	24	40404040
SVTPM_DMBS	32	40404040
SVTPM_DMDK	40	40404040
SVTPM_DMDM	4E	40404040
SVTPM_DMDS	5C	40404040
SVTPM_DMEB	6A	40404040
SVTPM_DMEBS	78	40404040
SVTPM_DMEB2	86	40404040
SVTPM_DMEB3	94	40404040
SVTPM_DMFR	A2	40404040
SVTPM_DMGR	B0	40404040
SVTPM_DMIT	BE	40404040
SVTPM_DMRN	3C0	40404040
SVTPM_DMUB	CC	40404040
SVTPM_GRAS	DA	40404040
SVTPM_GRJSM	E8	40404040
SVTPM_GRMVD	F6	40404040
SVTPM_GRQM	104	40404040
SVTPM_GRRL	112	40404040
SVTPM_GRSC	120	40404040
SVTPM_GRSP	12E	40404040
SVTPM_IIII	13C	40404040
SVTPM_OSDI	14A	40404040
SVTPM_OSENF	158	40404040

Table 33. Cross Reference for IATYSVTX (continued)

Name	Offset	Hex Tag
SVTPM_RSVD1	414	40404040
SVTPM_SIAD	166	40404040
SVTPM_SIAF	174	40404040
SVTPM_SIAI	182	40404040
SVTPM_SIAU	190	40404040
SVTPM_SIBD	19E	40404040
SVTPM_SIBS	1AC	40404040
SVTPM_SICA	1BA	40404040
SVTPM_SICC	1C8	40404040
SVTPM_SICD	1D6	40404040
SVTPM_SICF	1E4	40404040
SVTPM_SICN	1F2	40404040
SVTPM_SIDD	200	40404040
SVTPM_SIDR	20E	40404040
SVTPM_SIEM	21C	40404040
SVTPM_SIES	22A	40404040
SVTPM_SIJP	238	40404040
SVTPM_SIJPC	246	40404040
SVTPM_SIJPI	254	40404040
SVTPM_SIJPN	262	40404040
SVTPM_SIJPS	270	40404040
SVTPM_SIJPX	27E	40404040
SVTPM_SIJS	28C	40404040
SVTPM_SINQ	29A	40404040
SVTPM_SINU	2A8	40404040
SVTPM_SIOD	2B6	40404040
SVTPM_SIOP	2C4	40404040
SVTPM_SIOR	2D2	40404040
SVTPM_SIPJ	2E0	40404040
SVTPM_SIPT	2EE	40404040
SVTPM_SISA	2FC	40404040
SVTPM_SISO	30A	40404040
SVTPM_SIST	318	40404040
SVTPM_SITS	326	40404040
SVTPM_SIVI	334	40404040
SVTPM_SIVL	342	40404040
SVTPM_SIVR	350	40404040
SVTPM_SIWO	35E	40404040
SVTPM_SI34	36C	40404040
SVTPM_SI70	37A	40404040
SVTPM_SI83	388	40404040
SVTPM_SSCM	396	40404040
SVTPM_SSJI	3A4	40404040
SVTPM_SSJM	3B2	40404040
SVTPM_SSRE	3CE	40404040
SVTPM_UX32	3DC	40404040

Table 33. Cross Reference for IATYSVTX (continued)

Name	Offset	Hex Tag
SVTPM_UX57	3EA	40404040
SVTPM_UX58	3F8	40404040
SVTPM_UX59	406	40404040
SVTPOHIX	480	
SVTPOHLD	47C	
SVTPPHTP	484	
SVTPRSV2	490	0
SVTPSIZE	4A4	4A4
SVTP2010	478	0
SVTX_ABTDX	FC	
SVTX_SIADA	44	
SVTX_SIADU	48	
SVTX_SIAF	100	
SVTX_SIBD	BC	
SVTX_SIBS	7C	
SVTX_SICA	84	
SVTX_SICA2	88	
SVTX_SICA3	80	
SVTX_SICCE	110	
SVTX_SICCH	6C	
SVTX_SICCL	68	
SVTX_SICCS	120	
SVTX_SICD	B0	
SVTX_SICF	A4	
SVTX_SICN	34	
SVTX_SIDD	8C	
SVTX_SIDR	94	
SVTX_SIDR2	98	
SVTX_SIDR3	9C	
SVTX_SIDR4	A0	
SVTX_SIEM	4C	
SVTX_SIES	D4	
SVTX_SIJP	D8	
SVTX_SIJPC	DC	
SVTX_SIJPI	E0	
SVTX_SIJPN	E4	
SVTX_SIJPS	E8	
SVTX_SIJPX	EC	
SVTX_SIJS	40	
SVTX_SIJSE	3C	
SVTX_SIJSJ	78	
SVTX_SIJSQ	74	
SVTX_SIJSR	60	
SVTX_SIJST	5C	
SVTX_SINQ	90	
SVTX_SINU	C8	

Table 33. Cross Reference for IATYSVTX (continued)

Name	Offset	Hex Tag
SVTX_SIOP	30	
SVTX_SIORO	64	
SVTX_SIORR	70	
SVTX_SIPJ	CC	
SVTX_SIPT	C4	
SVTX_SISA	B8	
SVTX_SISO	D0	
SVTX_SIST	38	
SVTX_SITS	C0	
SVTX_SIVI	B4	
SVTX_SIVL	58	
SVTX_SIVR	AC	
SVTX_SIWO	50	
SVTX_SIWOL	A8	
SVTX_SI34	54	
SVTX_SI70	108	
SVTX_SI83	10C	
SVTXACTB	104	
SVTXAXCB	2C	
SVTXDUTS	118	0
SVTXECBA	28	0
SVTXECJ1	F0	0
SVTXECJ2	F4	0
SVTXECJ3	F8	0
SVTXEND	144	
SVTXID	20	0
SVTXRSV1	24	0
SVTXRSV3	124	0
SVTXSIZE	144	144

IATYSYS information

IATYSYS heading information

Common name:	FORMAT OF SYSTEM UNITS TABLE ENTRY
Macro ID:	IATYSYS
DSECT name:	SYSSTART
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	NONE
Storage attributes:	Main Storage: SUBPOOL 241 Auxiliary Storage: N/A
Size:	SYSHSIZE for DSECT SYSHSTRT SYSSIZE for DSECT SYSSTART
Created by:	IATXSYSU macro
Pointed to by:	SYSUNITS in IATYTVT SVTSYSUN in IATYSVT SYSHNEXT in IATYSYS SETADD in IATYSET SUPADD in IATYSUP

| | Serialization: | NONE |
| | Function: | The SYSUNITS Table contains device allocation status for the entire system, by device. |

IATYSYS mapping

Table 34. Structure SYSHSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SYSHSTRT	, SYSUNITs Table Header
0	(0)	CHARACTER	8	SYSHID	Control block id
8	(8)	ADDRESS	4	SYSHNEXT	Address of next SYSUNITs table header
12	(C)	ADDRESS	4	SYSHLAST	Address of last SYSUNITs entry in this SYSUNITs table header
16	(10)	ADDRESS	4	SYSHFREE	Address of first free SYSUNITs entry in this SYSUNITs table
20	(14)	SIGNED	4	SYSHCNT	Number of SYSUNITs entries in this SYSUNITs table
24	(18)	SIGNED	4	SYSHLOW	Low SYSUNITs entry in this SYSUNITs table
28	(1C)	SIGNED	4	SYSHHIGH	High SYSUNITs entry in this SYSUNITs table
32	(20)	DBL WORD	8	SYSHEND(0)	End of header
32	(20)	X'20'	0	SYSHSIZE	"SYSHEND-SYSHSTRT" Size of header
32	(20)	X'14'	0	SYSHMINC	"20" Minimum number of SYSUNITs entry in a SYSUNITs table block

Table 35. Structure SYSSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SYSSTART	
0	(0)	SIGNED	4	SYSVOLAD	SETVOL ADDR OF CURRENT VOLUME
4	(4)	SIGNED	4	SYSMAINX	MAIN(S) TO WHICH DEVICE ATTACHED
8	(8)	SIGNED	4	SYSMAINY	MAIN(S) TO WHICH DEVICE ONLINE
12	(C)	SIGNED	4	SYSPOFFM	DEVICE PENDING-OFFLINE MASK
16	(10)	SIGNED	4	SYSPATHM	DEV OFFLINE PATH REASONS MASK
20	(14)	SIGNED	4	SYSFENCE	OWNER OF DEVICE (IF FENCED)
		SETUNITS VECTOR TABLE - THERE IS A POINTER THE SETUNITS ENTRY FOR EACH MAIN PROCESSOR. THE MAIN PROCESSOR SEQUENCE NUMBER IS USED TO INDEX INTO THIS TABLE.			
24	(18)	ADDRESS	4	SYSSETVT(0)	SETUNITS VECTOR TABLE
24	(18)	X'80'	0	SYSSETVL	"*-SYSSETVT" Length of vector table
152	(98)	SIGNED	2	SYSSETX	INDEX OF SETUNIT ON THIS MAIN
154	(9A)	SIGNED	2	SYSSYSX	INDEX OF THIS SYSUNIT ENTRY
156	(9C)	SIGNED	4	SYSUSECT	Number of jobs using device
156	(9C)	X'4'	0	SYSSLOT	"4" LENGTH OF UCB ADDRESS
160	(A0)	BITSTRING	1	SYSFLAG1	SYSFLAG1 FLAGS 1
		DEFINITION OF SYSFLAG1			
		1...		SYSALLOC	"X'80'" DEVICE IS ALLOCATED
		.1..		SYSNALOC	"X'40'" DEVICE NOT ALLOCATABLE
		..1.		SYSRSRV	"X'20'" DEVICE IS BARRIER RESERVED

Table 35. Structure SYSSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		...1		SYSDDR	"X'10'" DEVICE RESERVED BY DDR
		.... 1...		SYSMNTD	"X'08'" VOL 'MOUNTED' BY OPR COMMAND
		.... .1..		SYSPOOL	"X'04'" JES3 SPOOL VOLUME ON DEVICE
		.... ..1.		SYSDDRAC	"X'02'" ACTIVE DDR 'FROM' DEVICE
		1		SYSNSAPR	"X'01'" DEVICE IS NOT ELIGIBLE FOR FOR SOFT ALLOCATION BECAUSE IT IS PERMANENTLY RESIDENT OR RESERVED. THAT IS, IT CANNOT BE SELECTED FOR VOLUME MOUNTING. THIS FLAG IS SET WHENEVER SYSPR, SYSUCBPR, OR SYSUCBRS IS SET
160	(A0)	X'FC'	0	SYSNAVAL	"SYSALLOC+SYSNALOC+SYSRSRV+SYSMNTD+SY SDDR+SY SPOOL"
161	(A1)	BITSTRING	1	SYSFLAG2	SYSFLAG2 FLAGS 2
		DEFINITION OF SYSFLAG2			
		1...		SYSCRTCH	"X'80'" DEV USED FOR SCRATCH REQUEST
		.1..		SYSDEFER	"X'40'" UNIT ALLOC TO DEFER REQUEST
		..1.		SYSRING	"X'20'" WRITE ACCESS ALLOWED
		...1		SYSBARR	"X'10'" JOB > BARRIER REQ'D DEVICE.
		.... 1...		SYSOSRQ	"X'08'" GETUNIT REQ'D DEVICE.
		.... .1..		SYSFSS	"X'04'" ALLOCATED BY FSS
		.... ..1.		SYSCART	"X'02'" CARTRIDGE TAPE
		1		SYSNEW	"X'01'" DEVICE IS NEWLY DEFINED
162	(A2)	BITSTRING	1	SYSFLAG3	SYSFLAG3 FLAGS 3
		DEFINITION OF SYSFLAG3			
		1...		SYSRCVR	"X'80'" VOLUME RECOVERY ACTIVE ACL BITS IN SYSFLAG3 ARE * '08' AND '04' TO CORRESPOND* WITH BITS IN UCBTFL1 *
		.... 1...		SYSACL	"X'08'" ACL INSTALLED
		.... .1..		SYSACLAC	"X'04'" ACL ACTIVE/TAPE(S) AVAIL
163	(A3)	BITSTRING	1	SYSFLAG4	SYSFLAG4 FLAGS 4
		DEFINITION OF SYSFLAG4 THE VALUE OF THE FOLLOWING FOUR BITS SHOULD NOT BE ALTERED AS THEY ARE MAPPED IN IATYMDS (MDSFLG3) FOR PURPOSES OF BARRIER DEVICE RESERVATION.			
		1...		SYSTA	"X'80'" TAPE DEVICE
		.1..		SYSDA	"X'40'" DIRECT ACCESS DEVICE
		..1.		SYSUR	"X'20'" UNIT RECORD DEVICE
		...1		SYSGR	"X'10'" GRAPHICS DEVICE
163	(A3)	X'F0'	0	SYSDTYPS	"SYSTA+SYSDA+SYSUR+SYSGR" DEVICE TYPES MASK
		.... 1...		SYSPR	"X'08'" CLASS 2 DEV (VOL NOT REMVBL)
		.... .1..		SYSRM	"X'04'" CLASS 1 DEV (VOL IS REMOVBL)
		.... ..1.		SYSHRSP	"X'02'" DEVICE SHARED BY JES3 & MAIN
		1		SYSHRMN	"X'01'" DEVICE SHARED BETWEEN MAINS
164	(A4)	CHARACTER	1	SYSLABEL	A=AL B=BLP N=NL S=SL X=NSL
165	(A5)	BITSTRING	1	SYSUCBST	SYSUCBST UCB STATUS BYTE AT LAST VRFY

Table 35. Structure SYSSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF SYSUCBST			
		1...		SYSUCBON	"X'80'" DEVICE IS ONLINE ON MAIN
		..1.		SYSUCBRS	"X'20'" VOLUME RESERVED ON MAIN
		.... .1..		SYSUCBPR	"X'04'" VOLUME PERM RES ON MAIN
166	(A6)	BITSTRING	2	SYSDDRFR	DDR 'FROM' DEVICE
168	(A8)	BITSTRING	1	SYSMEDIA	TAPE MEDIA TYPE
169	(A9)	BITSTRING	1	SYSMPUNL	MPSEQNO OF UNLOADING MAIN
170	(AA)	BITSTRING	1	SYSAINDX	UCB ATTENTION INDEX
171	(AB)	BITSTRING	1	SYSMDSAL	USED BY MDS DURING ALLOCATION
		DEFINITION OF SYSMDSAL			
		1...		SYSARALC	"X'80'" DEVICE IS ALLOCATED - USED BY IATMDAR DURING IATXARL SCAN PROCESSING
		.1..		SYSSALOC	"X'40'" DEVICE IS SOFT ALLOCATED - USED BY IATMDAL DURING SOFT ALLOCATION
		..1.		SYSSNALC	"X'20'" DEVICE IS NOT ALLOCATABLE - USED BY IATMDAL DURING SOFT ALLOCATION
		...1		SYSSONCH	"X'10'" THIS SYSUNITS ENTRY IS ON THE SYSUNITS SOFT ALLOCATION CHAIN POINTED TO BY MDSYSACH IN IATYMDS - USED BY IATMDAL DURING SOFT ALLOCATION
		.... 1...		SYSRSA08	"X'08'" RESERVED FLAG
		.... .1..		SYSRSA04	"X'04'" RESERVED FLAG
		.... ..1.		SYSRSA02	"X'02'" RESERVED FLAG
		1		SYSRSA01	"X'01'" RESERVED FLAG
172	(AC)	BITSTRING	1	SYSRSPTY	PRTY OF JOB RESERVING DEVICE
173	(AD)	BITSTRING	1	SYSUSER	RESERVED FOR USER
176	(B0)	ADDRESS	4	SYSSACHN	SYSUNITS SOFT ALLOCATION CHAIN - EACH ENTRY ON THIS CHAIN REPRESENTS A DEVICE THAT WAS SOFT ALLOCATED BY IATMDAL
180	(B4)	SIGNED	4	SYSLBPOF	LIBRARY PENDING-OFF MASK
184	(B8)	SIGNED	4	SYSEND(0)	END OF SYSUNITS ENTRY
184	(B8)	BITSTRING	1	SYSSIZE(0)	SIZE OF ENTRY = L'SYSSIZE
184	(B8)	X'0'	0	SYSTERM	"SYSSTART" LOC IS X'FF' AT END OF TABLE
		SYSUNITs Free Entry Format			
0	(0)	DBL WORD	8	SYSFRSTR(0)	Start of Free Entry
0	(0)	BITSTRING	4	SYSFREID	Indicates that this is a SYSUNITs free entry
4	(4)	ADDRESS	4	SYSFRNXT	Address of next SYSUNITs free entry in this SYSUNITs table
8	(8)	ADDRESS	4	SYSFRPRV	Address of previous SYSUNITs free entry in this SYSUNITs table
12	(C)	SIGNED	2	SYSFRIDX	SYSUNITs index value for this entry
14	(E)	BITSTRING	1	SYSFRPAD(0)	Pad to SYSUNITs entry size

Table 35. Structure SYSSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
184	(B8) SIGNED		4	SYSFREND(0)	End of free entry
184	(B8) X'B8'		0	SYSFRSIZ	"SYSFREND-SYSFRSTR" Size of free entry

Table 36. Cross Reference for IATYSYS

Name	Offset	Hex Tag
SYSACL	A2	8
SYSACLAC	A2	4
SYSAINDX	AA	
SYSALLOC	A0	80
SYSARALC	AB	80
SYSBARR	A1	10
SYSCART	A1	2
SYSCRTCH	A1	80
SYSDA	A3	40
SYSDDR	A0	10
SYSDDRAC	A0	2
SYSDDRFR	A6	
SYSDEFER	A1	40
SYSDTYPS	A3	F0
SYSEND	B8	
SYSFENCE	14	
SYSFLAG1	A0	
SYSFLAG2	A1	
SYSFLAG3	A2	
SYSFLAG4	A3	
SYSFREID	0	7FFFFFFF
SYSFREND	B8	
SYSFRIDX	C	0
SYSFRNXT	4	
SYSFRPAD	E	
SYSFRPRV	8	
SYSFRSIZ	B8	B8
SYSFRSTR	0	
SYSFSS	A1	4
SYSGR	A3	10
SYSHCNT	14	0
SYSHEND	20	
SYSHFREE	10	
SYSHHIGH	1C	0
SYSHID	0	E2E8E2E4
SYSHLAST	C	
SYSHLOW	18	0
SYSHMINC	20	14
SYSHNEXT	8	
SYSHRMN	A3	1

Table 36. Cross Reference for IATYSYS (continued)

Name	Offset	Hex Tag
SYSHRSP	A3	2
SYSHSIZE	20	20
SYSHSTRT	0	
SYSLABEL	A4	
SYSLBPOF	B4	
SYSMAINX	4	
SYSMAINY	8	
SYSMDSAL	AB	
SYSMEDIA	A8	
SYSMNTD	A0	8
SYSMPUNL	A9	
SYSNALOC	A0	40
SYSNAVAL	A0	FC
SYSNEW	A1	1
SYSNSAPR	A0	1
SYSOSRQ	A1	8
SYSPATHM	10	
SYSPOFFM	C	
SYSPOOL	A0	4
SYSPR	A3	8
SYSRCVR	A2	80
SYSRING	A1	20
SYSRM	A3	4
SYSRSA01	AB	1
SYSRSA02	AB	2
SYSRSA04	AB	4
SYSRSA08	AB	8
SYSRSPTY	AC	
SYSRSRV	A0	20
SYSSACHN	B0	
SYSSALOC	AB	40
SYSSETVL	18	80
SYSSETVT	18	
SYSSETX	98	
SYSSIZE	B8	
SYSSLOT	9C	4
SYSSNALC	AB	20
SYSSONCH	AB	10
SYSSTART	0	
SYSSYSX	9A	
SYSTA	A3	80
SYSTERM	B8	0
SYSUCBON	A5	80
SYSUCBPR	A5	4
SYSUCBRS	A5	20
SYSUCBST	A5	

Table 36. Cross Reference for IATYSYS (continued)

Name	Offset	Hex Tag
SYSUR	A3	20
SYSUSECT	9C	
SYSUSER	AD	
SYSVOLAD	0	

IATYSYSL information

IATYSYSL heading information

Common name:	SYSLOG Job List
Macro ID:	IATYSYSL
DSECT name:	SYSLSTRT
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	SYSL Offset: SYSLID - SYSLSTRT Length: L'SYSLID
Storage attributes:	Subpool: 229 (JSAM Buffer Pool) Key: 1 Residency: 31
Size:	SYSLTLEN
Created by:	IATISEN, IATINJR, IATJVDR
Pointed to by:	TVTXSYSL
Serialization:	None
Function:	This macro maps the list of SYSLOG jobs known to JES3.

IATYSYSL mapping

Table 37. Structure SYSLSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SYSLSTRT	
0	(0)	BITSTRING	6	SYSLTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	SYSLCNT	USER COUNT.
8	(8)	CHARACTER	4	SYSLID	File id.
12	(C)	BITSTRING	12	SYSLCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	SYSLVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	SYSLDATA(0)	START OF USER DATA AREA.
28	(1C)	SIGNED	2	SYSLVER	IATYSYSL version
28	(1C)	X'1'	0	SYSLVR01	"1" Initial version
28	(1C)	X'1'	0	SYSLCVER	"SYSLVR01" Current version
30	(1E)	SIGNED	2	SYSLHLEN	Length of SYSL header
32	(20)	SIGNED	2	SYSLTLEN	Length of SYSL total
34	(22)	SIGNED	2	SYSLELEN	Length of each SYSL entry
36	(24)	SIGNED	2	SYSLECNT	Number of active entries
38	(26)	SIGNED	2	SYSLRSV1	Reserved for IBM
40	(28)	SIGNED	4	SYSLRSV2(4)	Reserved for IBM
56	(38)	SIGNED	4	SYSLHEND(0)	End of header
56	(38)	X'38'	0	SYSLHSIZ	"*-SYSLSTRT" Size of the header

Table 38. Structure SYSLNTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SYSLNTRY	
0	(0)	SIGNED	4	SYSLETRM(0)	Terminator 12190S5A
0	(0)	SIGNED	4	SYSLEJNO	Job number
4	(4)	SIGNED	4	SYSETIME	SYSLOG job input service time end
8	(8)	CHARACTER	8	SYSEMAIN	SYSLOG job main name
16	(10)	BITSTRING	1	SYSERELL	Product level of lowest release
17	(11)	BITSTRING	1	SYSERELH	Product level of highest release
18	(12)	BITSTRING	1	SYSLEFL1	Flag byte
		Definition of SYSLEFL1			
		1...		SYSLJCMP	"X'80'" Job execution completed (not set until needed)
		.1..		SYSLPC40	"X'40'" Reserved bit
		..1.		SYSLCK20	"X'20'" Reserved bit
		...1		SYSLF110	"X'10'" Reserved bit
		.... 1...		SYSLF108	"X'08'" Reserved bit
		.... .1..		SYSLF104	"X'04'" Reserved bit
		.... ..1.		SYSLF102	"X'02'" Reserved bit
		1		SYSLF101	"X'01'" Reserved bit
19	(13)	BITSTRING	1	SYSLRSV3	Reserved for IBM
20	(14)	SIGNED	4	SYSLRECS	Record count
24	(18)	BITSTRING	8	SYSLTSLO	Low time stamp for job 12190S5A
32	(20)	BITSTRING	8	SYSLTSHI	High time stamp for job 12190S5A
40	(28)	ADDRESS	4	SYSLDLST	Pointer to SYSLDSET chain 12190S5A
44	(2C)	SIGNED	4	SYSLRSV4(9)	Reserved for IBM 12190S5A
80	(50)	SIGNED	4	SYSLEEND(0)	End of entry
80	(50)	X'50'	0	SYSLESIZ	"*-SYSLNTRY" Length of an entry

Table 39. Structure SYSLBLDH

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SYSLBLDH	
0	(0)	CHARACTER	8	SYSLBHID	Eyecatcher "SYSLBLDH"
8	(8)	ADDRESS	4	SYSLNXTH	Pointer to next header
12	(C)	ADDRESS	4	SYSLFREE	Pointer to next free entry
12	(C)	X'10'	0	SYSLBHSZ	"*-SYSLBLDH" Length of job val header

Table 40. Structure SYSLBLD

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SYSLBLD	
0	(0)	CHARACTER	4	SYSLBEID	Eyecatcher "BLDE"
4	(4)	ADDRESS	4	SYSLNXTE	Pointer to next entry
8	(8)	BITSTRING	1	SYSLBLDE	SYSL entry
8	(8)	X'58'	0	SYSLBSIZ	"*-SYSLBLD" Length of this thing

Table 40. Structure SYSLBLD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		-- 12190S5A			
		SYSLCHNK is the unit of storage obtained during 12190S5A initialization (job validation) to build SYSL 12190S5A entries. 12190S5A			
		-- 12190S5A			
8	(8)	X'1144'	0	SYSLCHNK	"SYSLBHSZ+50*SYSLBSIZ+L'TVTRMFF" Length of one 12190S5A chunk 12190S5A

Table 41. Structure SYSLDSET

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SYSLDSET	, SYSLOG Data Sets Header 12190S5A
0	(0)	CHARACTER	8	SYSLDEYE	Eyecatcher "SYSLDSET" 12190S5A
8	(8)	ADDRESS	4	SYSLDNXT	Pointer to next SYSLDSET 12190S5A
12	(C)	SIGNED	4	SYSLDLEN	Size of this data area 12190S5A (header + entries) 12190S5A
16	(10)	SIGNED	4	SYSLDBUF(0)	JDS buffer number (4 bytes) 12190S5A
16	(10)	SIGNED	2		Filler 12190S5A
18	(12)	SIGNED	2	SYSLDBF2	JDS buffer number (2 bytes) 12190S5A
20	(14)	SIGNED	4	SYSLDJNO	Job number 12190S5A
24	(18)	SIGNED	4	SYSLDRV1(2)	Reserved for IBM 12190S5A
24	(18)	X'20'	0	SYSLDENH	"*" End of data set header 12190S5A
24	(18)	X'20'	0	SYSLDHSZ	"*-SYSLDSET" Length of data set header 12190S5A

Table 42. Structure SYSLDSEN

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SYSLDSEN	, SYSLOG Data Sets Entry 12190S5A
0	(0)	SIGNED	4	SYSLDTRM(0)	Terminator 12190S5A
0	(0)	SIGNED	4	SYSLDSNO	Data set number 12190S5A
4	(4)	BITSTRING	8	SYSLDTSL	Low time stamp 12190S5A
12	(C)	BITSTRING	8	SYSLDTSH	High time stamp 12190S5A
20	(14)	SIGNED	2	SYSLDOFS	Offset of JDS entry 12190S5A
22	(16)	BITSTRING	1	SYSLDFL1	Flag byte 1
		Definition of SYSLDFL1			
		1...		SYSLDMTY	"X'80'" Empty SYSLOG data set
		.1..		SYSLD140	"X'40'" Reserved bit for IBM
		..1.		SYSLD120	"X'20'" Reserved bit for IBM
		...1		SYSLD110	"X'10'" Reserved bit for IBM
		.... 1...		SYSLD108	"X'08'" Reserved bit for IBM
		.... .1..		SYSLD104	"X'04'" Reserved bit for IBM
		.... ..1.		SYSLD102	"X'02'" Reserved bit for IBM
		1		SYSLD101	"X'01'" Reserved bit for IBM
23	(17)	BITSTRING	1	SYSLDRV3	Reserved for IBM
24	(18)	SIGNED	4	SYSLDRV4(2)	Reserved for IBM 12190S5A
24	(18)	X'20'	0	SYSLDENE	"*" End of data set entry 12190S5A

Table 42. Structure SYSLDSEN (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
24	(18)	X'20'	0	SYSLDESZ	"*-SYSLDSEN" Length of data set entry 12190S5A

Table 43. Cross Reference for IATYSYSL

Name	Offset	Hex Tag
SYSEMAIN	8	
SYSERELH	11	
SYSERELL	10	
SYSETIME	4	
SYSLBEID	0	
SYSLBHID	0	
SYSLBHSZ	C	10
SYSLBLD	0	
SYSLBLDE	8	
SYSLBLDH	0	
SYSLBSIZ	8	58
SYSLCHN	C	0
SYSLCHNK	8	1144
SYSLCK20	12	20
SYSLCNT	6	0
SYSLCVER	1C	1
SYSLDATA	1C	
SYSLDBF2	12	
SYSLDBUF	10	
SYSLDENE	18	20
SYSLDENH	18	20
SYSLDESZ	18	20
SYSLDEYE	0	
SYSLDFL1	16	
SYSLDHSZ	18	20
SYSLDJNO	14	
SYSLDLEN	C	
SYSLDLST	28	
SYSLDMTY	16	80
SYSLDNXT	8	
SYSLDOFS	14	
SYSLDRV1	18	
SYSLDRV3	17	
SYSLDRV4	18	
SYSLDSEN	0	
SYSLDSET	0	
SYSLDSNO	0	
SYSLDTRM	0	
SYSLDTSH	C	
SYSLDTSL	4	
SYSLD101	16	1

Table 43. Cross Reference for IATYSYSL (continued)

Name	Offset	Hex Tag
SYSLD102	16	2
SYSLD104	16	4
SYSLD108	16	8
SYSLD110	16	10
SYSLD120	16	20
SYSLD140	16	40
SYSLECNT	24	0
SYSLEEND	50	
SYSLEFL1	12	
SYSLEJNO	0	
SYSLELEN	22	0
SYSLESIZ	50	50
SYSLETRM	0	
SYSLFREE	C	
SYSLF101	12	1
SYSLF102	12	2
SYSLF104	12	4
SYSLF108	12	8
SYSLF110	12	10
SYSLHEND	38	
SYSLHLEN	1E	0
SYSLHSIZ	38	38
SYSLID	8	E2E8E2D3
SYSLJCMP	12	80
SYSLNTRY	0	
SYSLNXTE	4	
SYSLNXTH	8	
SYSLPC40	12	40
SYSLRECS	14	
SYSLRSV1	26	0
SYSLRSV2	28	0
SYSLRSV3	13	
SYSLRSV4	2C	
SYSLSTRT	0	
SYSLTLEN	20	0
SYSLTRK	0	0
SYSLTSHI	20	
SYSLTSLO	18	
SYSLVER	1C	0
SYSLVLID	18	0
SYSLVR01	1C	1

IATYS34 information

IATYS34 programming interface information

IATYS34 is a programming interface.

IATYS34 heading information

Common name: JES3 SVC 34 CONTROL BLOCK

Macro ID: IATYS34

DSECT name: IATYS34

Owning component: JES3 (SC1BA)

Eye-catcher ID: S34
Offset: S34ID
Length: 4

Storage attributes: Main Storage: SP253 or JES3 Private

Size: 244 Bytes

Created by: IATSI34
* 2

Pointed to by: STADATA in IATYSTA

Serialization: NONE

Function: THIS CONTROL BLOCK MAPS THE JES3 SVC 34
CONTROL BLOCK IN THE STAGING AREA SENT TO THE
SVC 34 DESTINATION QUEUE. IT CONTAINS INFORMATION
ABOUT THE ISSUER OF THE SVC, CONSOLE ID, CONSOLE
AUTHORITY, AND COMMAND TEXT. THIS INFORMATION
WILL BE USED BY IATCNCM TO BUILD THE INPUT CONSOLE
BUFFER. NOTE THAT IF THE COMMAND TEXT LENGTH
CHANGES FOR SVC 34, THEN THE TEXT LENGTH OF
OF S34TEXT SHOULD CHANGE ALSO.

IATYS34 mapping

Table 44. Structure

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

Table 45. Structure IATYS34

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATYS34	
0	(0)	SIGNED	4	S34START(0)	START OF S34 CONTROL BLOCK
0	(0)	SIGNED	2	S34JSLEN	LENGTH USED FOR JSERV
2	(2)	CHARACTER	4	S34ID	EYE CATCHER
6	(6)	ADDRESS	2	S34VRSN	VERSION LEVEL
6	(6)	X'1'	0	S34220	"1" VERSION LEVEL FOR HJS2220
6	(6)	X'2'	0	S34313	"2" VERSION LEVEL FOR HJS3313
6	(6)	X'3'	0	S34521	"3" VERSION LEVEL FOR HJS5521
6	(6)	X'3'	0	S34VRID	"S34521" VERSION LEVEL VALUE
8	(8)	BITSTRING	1	S34RSVD	RESERVED FOR DEVELOPMENT
9	(9)	BITSTRING	1	S34AUTH	JES3 AUTHORITY OF CONSOLE ISSUING SVC 34
12	(C)	SIGNED	4	S34RSVD1	RESERVED FOR DEVELOPMENT
16	(10)	SIGNED	2	S34RSVD5	RESERVED FOR SERVICE

Table 45. Structure IATYS34 (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
20	(14)	SIGNED	4	S34RSVD7	Reserved for development
24	(18)	BITSTRING	1	S34FLAG1	FLAG BYTE
		THE FLAG BITS IN S34FLAG1 MUST BE DEFINED THE SAME AS THOSE IN THE IATYCNS MACRO FOR CONSIFLG.			
24	(18)	X'20'	0	S34INTCM	"CNINTCOM" Command from INTERCOM
24	(18)	X'2'	0	S34VALCK	"CNVALCHK" BYPASS AUTHORITY CHECKING
24	(18)	X'1'	0	S34CMDTR	"CNCMDTR" Bypass command text translation
25	(19)	BITSTRING	3	S34MAUTH	MCS CONSOLE AUTHORITY
28	(1C)	CHARACTER	80	S34TOKEN	OPERATOR COMMAND UTOKEN
108	(6C)	CHARACTER	5	S34RSVD2	RESERVED FOR DEVELOPMENT
113	(71)	CHARACTER	2	S34RSVD3	RESERVED FOR SERVICE
115	(73)	BITSTRING	1	S34RSVD6	RESERVED FOR DEVELOPMENT 12
116	(74)	CHARACTER	2	S34SNDID	IDENTIFIER OF THE SENDER
		The field S34SNDID can only be set to '34' by JES3 code. Any other value is considered to be from user code.			
116	(74)	X'F3F4'	0	S34SI34	"C'34'" IATSI34 IDENTIFIER
118	(76)	CHARACTER	5	S34RSVD4	RESERVED FOR USER
123	(7B)	BITSTRING	1	S34TXTLN	LENGTH OF TEXT
124	(7C)	CHARACTER	126	S34TEXT	COMMAND TEXT
124	(7C)	X'FA'	0	S34PEND	"*"
		IATYCNDB_1:;			
252	(FC)	SIGNED	4	S34CNDB(0)	IATYCNDB.27: based variable for storage mapping
252	(FC)	SIGNED	4		Four byte console id 0176
256	(100)	CHARACTER	4		IATYCNDB eyecatcher
260	(104)	ADDRESS	4		IATYCNDB version
264	(108)	BITSTRING	8		Reserved for development
272	(110)	BITSTRING	8		Console Name 0176
280	(118)	BITSTRING	24		Reserved for development
304	(130)	SIGNED	2		Reserved for development
306	(132)	BITSTRING	40		Reserved for development
306	(132)	X'15A'	0	S34END	"*"
306	(132)	X'15A'	0	S34LEN	"S34END-S34START" Length of S34 control block

Table 46. Cross Reference for IATYS34

Name	Offset	Hex Tag
IATYS34	0	
S34AUTH	9	
S34CMDTR	18	1
S34CNDB	FC	
S34END	132	15A
S34FLAG1	18	

Table 46. Cross Reference for IATYS34 (continued)

Name	Offset	Hex Tag
S34ID	2	
S34INTCM	18	20
S34JSLEN	0	
S34LEN	132	15A
S34MAUTH	19	
S34PEND	7C	FA
S34RSVD	8	
S34RSVD1	C	
S34RSVD2	6C	
S34RSVD3	71	
S34RSVD4	76	
S34RSVD5	10	
S34RSVD6	73	
S34RSVD7	14	
S34SI34	74	F3F4
S34SNDID	74	
S34START	0	
S34TEXT	7C	
S34TOKEN	1C	
S34TXTLN	7B	
S34VALCK	18	2
S34VRID	6	3
S34VRSN	6	
S34220	6	1
S34313	6	2
S34521	6	3

IATYTCK information

IATYTCK heading information

Common name:	TCP Checkpoint
Macro ID:	IATYTCK
DSECT name:	TCKSTART
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	IATYTCK (IATYTCK) Offset: 0 Length: 4
Storage attributes:	Subpool: 0 (JES3 Address Space)
Size:	See module listing
Created by:	N/A
Pointed to by:	
Serialization:	None

Function: TCP/IP NJE Checkpoint Area

The purpose of the TCK is to contain information about
TCP/IP NJE connections that must be remembered across
a restart of JES3.

Specifically, Netservs, Sockets, and TCP/IP protocol
nodes are remembered and the status of those structures
is updated during a hot start.

The checkpoint is needed for two purposes:

(1) To prevent the deletion of an active structure
during a hot start with refresh. The deletion
happens but the structure is then added back. (A
structure is a Netserv, socket, or TCP/IP node.)

(2) To preserve the status information of active
structures during any type of hot start, possibly
with an IPL. (For example, a socket might be active
on a local when the global gets IPLed.)

The TCP/IP NJE Checkpoint Record is a chained single
record file. Each spool buffer contains the following:

(1) A header, with a record id of "TCK " and spool
chaining information.

(2) One subrecord for each active Netserv, with a
subtype id of "NSCK".

(3) One subrecord for each active socekt, with a
a subtype id of "SCCK".

(4) One subrecord for each active TCP/IP node, with a
a subtype id of "NJCK".

Although initially built contiguously by subtype, there
is no guarantee that the subrecords will remain in the
order built because of the possibility of modify
commands causing new entries to be written.

IATYTCK mapping

Table 47. Structure TCKSTART

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

Table 48. Structure TCKSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	TCKSTART	
0	(0)	BITSTRING	6	TCKTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	TCKCNT	USER COUNT.
8	(8)	CHARACTER	4	TCKID	File id.
12	(C)	BITSTRING	12	TCKCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	TCKVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	TCKDATA(0)	START OF USER DATA AREA.
28	(1C)	CHARACTER	4	TCKSUBTP	Record subtype
32	(20)	ADDRESS	1	TCKVER	Version indicator 04653SRA
32	(20)	X'1'	0	TCKIVER	"1" Initial version 04653SRA
32	(20)	X'1'	0	TCKCVER	"TCKIVER" Current version 04653SRA
33	(21)	ADDRESS	3	TCKHRSV1	Reserved for IBM 04653SRA
36	(24)	SIGNED	4	TCKROOML	Room left in buffer
40	(28)	SIGNED	2	TCKOFFST	Offset to first subrecord 04653SRA
42	(2A)	SIGNED	2	TCKOFLST	Offset of last subrecord 04653SRA
44	(2C)	SIGNED	4	TCKHRSV2(5)	Reserved for IBM
64	(40)	CHARACTER	1	TCKHEND(0)	End of header
64	(40)	X'40'	0	TCKHSIZE	"TCKHEND-TCKSTART" Size of TCK header

Table 49. Structure TCKENTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	TCKENTRY	
0	(0)	CHARACTER	4	TCKENTYP	Subtype id and eyecatcher
4	(4)	BITSTRING	1	TCKEFLG1	Flags
		1...		TCKLGDEL	"X'80'" Entry is logically deleted
		.1..		TCKF1R40	"X'40'" Reserved for IBM
		..1.		TCKF1R20	"X'20'" Reserved for IBM
		...1		TCKF1R10	"X'10'" Reserved for IBM
		.... 1...		TCKF1R08	"X'08'" Reserved for IBM
		.... .1..		TCKF1R04	"X'04'" Reserved for IBM
		.... ..1.		TCKF1R02	"X'02'" Reserved for IBM
		1		TCKF1R01	"X'01'" Reserved for IBM
5	(5)	ADDRESS	1	TCKSRVER	Subrecord version 11000S3C
5	(5)	X'0'	0	TCKSRIVR	"0" Initial subrecord version 11000S3A
5	(5)	X'1'	0	TCKSRCVR	"1" Current subrecord version 11000S3A
6	(6)	SIGNED	2	TCKOFFNX	Offset to next subrecord 0000 = Last FFFF = Last in buffer
8	(8)	SIGNED	4	TCKENTR2(5)	Reserved for IBM
28	(1C)	CHARACTER	1	TCKENTDA(0)	Subrecord data follows
		NSCK subtype record.			
28	(1C)	CHARACTER	8	NSCKNAME	Copy of NTSVNAME
36	(24)	CHARACTER	8	NSCKSTAK	Copy of NTSVSTAK
44	(2C)	CHARACTER	8	NSCKSYSN	Copy of NTSVSYSN
52	(34)	CHARACTER	255	NSCKHOST	Copy of NTSVHOST
307	(133)	ADDRESS	1	NSCKRSV3	Reserved for IBM
308	(134)	BITSTRING	16	NSCKRSV4	Reserved for IBM
324	(144)	ADDRESS	2	NSCKPORT	Copy of NTSVPORT
326	(146)	BITSTRING	1	NSCKFLG1	Copy of NTSVFLG1
327	(147)	ADDRESS	1	NSCKRSV1	Reserved for IBM
328	(148)	SIGNED	4	NSCKRSV2(5)	Reserved for IBM
348	(15C)	CHARACTER	1	NSCKEND(0)	End of subrecord
348	(15C)	X'15C'	0	NSCKSIZE	"NSCKEND-TCKENTRY" Size of subrecord
		SCCK subtype record.			
28	(1C)	CHARACTER	8	SCCKNAME	Copy of SOCKNAME
36	(24)	CHARACTER	8	SCCKNODE	Copy of SOCKNODE
44	(2C)	CHARACTER	8	SCCKNVNM	Copy of SOCKNVNM
52	(34)	CHARACTER	8	SCCKSYSN	Copy of SOCKNVNM's NTSVSYSN
60	(3C)	CHARACTER	255	SCCKHOST	Copy of SOCKHOST
315	(13B)	BITSTRING	1	SCCKRSV3	Reserved for IBM
316	(13C)	BITSTRING	16	SCCKRSV4	Reserved for IBM
332	(14C)	ADDRESS	2	SCCKPORT	Copy of SOCKPORT
334	(14E)	ADDRESS	2	SCCKSPDX	Copy of SOCKSPDX
336	(150)	BITSTRING	1	SCCKFLG1	Copy of SOCKFLG1

Table 49. Structure TCKENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
337	(151)	ADDRESS	1	SCCKJTRN	Copy of SOCKJTRN
338	(152)	ADDRESS	1	SCCKOTRN	Copy of SOCKOTRN
339	(153)	ADDRESS	1	SCCKJRCV	Copy of SOCKJRCV
340	(154)	ADDRESS	1	SCCKORCV	Copy of SOCKORCV
341	(155)	ADDRESS	3	SCCKRSV1	Copy of SOCKSPDX
344	(158)	ADDRESS	2	SCCKACTP	Copy of SOCKACTP
346	(15A)	BITSTRING	2	SCCKRSV5	Reserved for IBM
348	(15C)	SIGNED	4	SCCKRSV2(4)	Reserved for IBM
364	(16C)	CHARACTER	1	SCCKEND(0)	End of subrecord
364	(16C)	X'16C'	0	SCCKSIZE	"SCCKEND-TCKENTRY" Size of subrecord
		NJCK subtype record.			
28	(1C)	CHARACTER	8	NJCKNAME	Copy of NJENAME
36	(24)	ADDRESS	1	NJCKJTRN	Copy of NJEJTRN
37	(25)	ADDRESS	1	NJCKOTRN	Copy of NJEOTRN
38	(26)	ADDRESS	1	NJCKJRCV	Copy of NJEJRCV
39	(27)	ADDRESS	1	NJCKORCV	Copy of NJEORCV
40	(28)	BITSTRING	1	NJCKFLG1	Copy of NJEFLAG1
41	(29)	BITSTRING	1	NJCKFLG2	Copy of NJEFLAG2
42	(2A)	BITSTRING	1	NJCKATTR	Record attributes 11000S3A
		1...		NJCKATSP	"X'80'" Entry contains SPART index 11000S3A
		.1..		NJCKAT40	"X'40'" Reserved for IBM 11000S3A
		..1.		NJCKAT20	"X'20'" Reserved for IBM 11000S3A
		...1		NJCKAT10	"X'10'" Reserved for IBM 11000S3A
		.... 1...		NJCKAT08	"X'08'" Reserved for IBM 11000S3A
		.... .1..		NJCKAT04	"X'04'" Reserved for IBM 11000S3A
		.... ..1.		NJCKAT02	"X'02'" Reserved for IBM 11000S3A
		1		NJCKAT01	"X'01'" Reserved for IBM 11000S3A
43	(2B)	BITSTRING	1	NJCKFLG3	Copy of NJEFLAG3
44	(2C)	SIGNED	2	NJCKSPDX	Copy of NJESPNDX 11000S3A
46	(2E)	SIGNED	2	NJCKRSV2(9)	Reserved for IBM 11000S3C
64	(40)	CHARACTER	1	NJCKEND(0)	End of subrecord
64	(40)	X'40'	0	NJCKSIZE	"NJCKEND-TCKENTRY" Size of subrecord
		The following equates are function codes for the TCP Checkpoint service (IATNTTCK). They dictate what function is to be performed.			
64	(40)	X'1'	0	TCKCREAT	"1" Create new TCK structure
64	(40)	X'2'	0	NETSVCKP	"2" Netserv checkpoint update
64	(40)	X'3'	0	SOCKTCKP	"3" Socket checkpoint update
64	(40)	X'4'	0	NODECKP	"4" TCP/IP node checkpoint update
64	(40)	X'5'	0	TCKRESTR	"5" Restore checkpointed info
64	(40)	X'6'	0	TCKREAD	"6" Read checkpoint
64	(40)	X'7'	0	TCKWRITE	"7" Write checkpoint
64	(40)	X'7'	0	TCKMAXFC	"TCKWRITE" Maximum function code

Table 49. Structure TCKENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		The following equates are option codes set from the READ parameter for functions NETSVCKP, SOCKTCKP, and NODECKP.			
64	(40)	X'1'	0	TCKREDNO	"1" READ=NO
64	(40)	X'2'	0	TCKREDYS	"2" READ=YES

Table 50. Structure TCKWORKA

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	TCKWORKA	
0	(0)	BITSTRING	364	TCKWKENT	Room for max size subrecord
364	(16C)	ADDRESS	4	TCKCRFDB	Current FDB save area
368	(170)	ADDRESS	4	TCKCURBP	Current buffer pointer
372	(174)	ADDRESS	4	TCKMOSOC	Entry point of IATMOSOC
376	(178)	ADDRESS	4	TCKMONSV	Entry point of IATMONSV
380	(17C)	ADDRESS	4	TCKMONJ	Entry point of IATMONJ
384	(180)	SIGNED	2	TCKWKESZ	Size of work entry
386	(182)	SIGNED	2	TCKWKRV1	Reserved for IBM
388	(184)	CHARACTER	1	TCKWRKAE(0)	End of work area
388	(184)	X'184'	0	TCKWRKSZ	"TCKWRKAE-TCKWORKA" Size of work area

Table 51. Cross Reference for IATYTCK

Name	Offset	Hex Tag
NETSVCKP	40	2
NJCKATSP	2A	80
NJCKATTR	2A	
NJCKAT01	2A	1
NJCKAT02	2A	2
NJCKAT04	2A	4
NJCKAT08	2A	8
NJCKAT10	2A	10
NJCKAT20	2A	20
NJCKAT40	2A	40
NJCKEND	40	
NJCKFLG1	28	
NJCKFLG2	29	
NJCKFLG3	2B	
NJCKJRCV	26	
NJCKJTRN	24	
NJCKNAME	1C	
NJCKORCV	27	
NJCKOTRN	25	
NJCKRSV2	2E	
NJCKSIZE	40	40
NJCKSPDX	2C	
NODECKP	40	4

Table 51. Cross Reference for IATYTCK (continued)

Name	Offset	Hex Tag
NSCKEND	15C	
NSCKFLG1	146	
NSCKHOST	34	
NSCKNAME	1C	
NSCKPORT	144	
NSCKRSV1	147	
NSCKRSV2	148	
NSCKRSV3	133	
NSCKRSV4	134	
NSCKSIZE	15C	15C
NSCKSTAK	24	
NSCKSYSN	2C	
SCCKACTP	158	
SCCKEND	16C	
SCCKFLG1	150	
SCCKHOST	3C	
SCCKJRCV	153	
SCCKJTRN	151	
SCCKNAME	1C	
SCCKNODE	24	
SCCKNVNM	2C	
SCCKORCV	154	
SCCKOTRN	152	
SCCKPORT	14C	
SCCKRSV1	155	
SCCKRSV2	15C	
SCCKRSV3	13B	
SCCKRSV4	13C	
SCCKRSV5	15A	
SCCKSIZE	16C	16C
SCCKSPDX	14E	
SCCKSYSN	34	
SOCKTCKP	40	3
TCKCHN	C	0
TCKCNT	6	0
TCKCREAT	40	1
TCKCRFDB	16C	
TCKCURBP	170	
TCKCVER	20	1
TCKDATA	1C	
TCKEFLG1	4	
TCKENTDA	1C	
TCKENTRY	0	
TCKENTR2	8	
TCKENTYP	0	
TCKF1R01	4	1

Table 51. Cross Reference for IATYTCK (continued)

Name	Offset	Hex Tag
TCKF1R02	4	2
TCKF1R04	4	4
TCKF1R08	4	8
TCKF1R10	4	10
TCKF1R20	4	20
TCKF1R40	4	40
TCKHEND	40	
TCKHRSV1	21	
TCKHRSV2	2C	
TCKHSIZE	40	40
TCKID	8	E3C3D240
TCKIVER	20	1
TCKLGDEL	4	80
TCKMAXFC	40	7
TCKMONJ	17C	
TCKMONSV	178	
TCKMOSOC	174	
TCKOFFNX	6	
TCKOFFST	28	
TCKOFLST	2A	
TCKREAD	40	6
TCKREDNO	40	1
TCKREDYS	40	2
TCKRESTR	40	5
TCKROOML	24	
TCKSRCVR	5	1
TCKSRIVR	5	0
TCKSRVER	5	
TCKSTART	0	
TCKSTART	0	
TCKSUBTP	1C	
TCKTRK	0	0
TCKVER	20	
TCKVLID	18	0
TCKWKENT	0	
TCKWKESZ	180	
TCKWKRV1	182	
TCKWORKA	0	
TCKWRITE	40	7
TCKWRKAE	184	
TCKWRKSZ	184	184

IATYTCP information

IATYTCP heading information

Common name: TCP data area

Macro ID: IATYTCP

DSECT name: TCPSTART

Owning component: JES3 (SC1BA)

Eye-catcher ID: IATYTCP (IATYTCP)
Offset: 0
Length: 8

Storage attributes: Subpool: 0 (JES3 Address Space)

Size: See module listing

Created by: N/A

Pointed to by: R13 in TCP FCT

Serialization: None

Function: TCP/IP NJE FCT Data CSECT

IATYTCP mapping

Table 52. Structure TCPSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	TCPSTART	
		IATYMOD BR=NO, Data CSECT identifier X			
		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	M00M0051(0)	IXZXENVR-0
		TCP FCT data fields.		IXZXENVR-0	
36	(24)	CHARACTER	8	TCPNNAME	NETSERV name
44	(2C)	CHARACTER	8	TCPNJNUM	Netserv job id in EBCDIC
52	(34)	CHARACTER	8	TCPCMDSC	SOCKET= name in command
60	(3C)	CHARACTER	8	TCPCMDND	NODE= name in command
68	(44)	ADDRESS	4	TCPNSV	NETSERV SUPUNIT pointer
72	(48)	ADDRESS	4	TCPLMLC	LMLC staging area storage
76	(4C)	ADDRESS	4	TCPPRML	IATOSBM parmlist address
80	(50)	ADDRESS	4	TCPTSAVE	Temporary save area

Table 52. Structure TCPSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description

```
        Build area for 'C ntsvname,A=aaaa' DSTSVC34 staging
        area.
        The 'SEND' command is sent to the SVC 34
        destination queue via the JSERV service with
        modifier code MODSVC34.
        The TEXT= keyword in JSERV points to an area which
        has the following format:
        TEXT=
        +-------+-------+
        |LEN |  |
        +-------+  |
        | COMMAND |
        | TEXT +---+
        | |LVL| LVL = Authority level (1 byte)
        +-----------+---+
        |CONSID | CONSID = Console ID (4 bytes)
        +---------------+ 0 for internal console.
```

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
84	(54)	CHARACTER	1	TCPCNWRK(0)	Start of JSERV text area
84	(54)	ADDRESS	2	TCPCNTXL	Text length
86	(56)	CHARACTER	1	TCPCNTXT(0)	Start of command text
86	(56)	CHARACTER	2		
88	(58)	CHARACTER	8	TCPCANNM	NETSERV name for cancel
96	(60)	CHARACTER	3		
99	(63)	CHARACTER	4	TCPCNASI	ASID in printable hex
103	(67)	ADDRESS	1		Authority level
104	(68)	ADDRESS	4		Internal console id
108	(6C)	CHARACTER	1	TCPCNWKE(0)	End of JSERV text area
108	(6C)	X'18'	0	TCPJSTXL	"TCPCNWKE-TCPCNWRK" Length of JSERV text area

```
        Calling command Console Destination Block (CNDB)
CPCLCDB IATYCNDB DSECT=NO
    IATYCNDB_1:;
```

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
108	(6C)	SIGNED	4	TCPCLCDB(0)	IATYCNDB.27: based variable for storage mapping
108	(6C)	SIGNED	4		Four byte console id 0176
112	(70)	CHARACTER	4		IATYCNDB eyecatcher
116	(74)	ADDRESS	4		IATYCNDB version
120	(78)	BITSTRING	8		Reserved for development
128	(80)	BITSTRING	8		Console Name 0176
136	(88)	BITSTRING	24		Reserved for development
160	(A0)	SIGNED	2		Reserved for development
162	(A2)	BITSTRING	40		Reserved for development

```
        List form of IATXCNDB macro
        IATXCNDB MF=(L,TCPXCNDB)
                MACDATE -94/10/04-<3>
```

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	X'D0'	0	M00M0055	"TCPXCNDB" ++ IATXCNDB NAME
208	(D0)	DBL WORD	8	TCPXCNDB(0)	++ IATXCNDB PARM LIST
208	(D0)	BITSTRING	1	TCPXCNDB_XVERSION	++ INPUT XVERSION
209	(D1)	CHARACTER	6	TCPXCNDB_XEYECATCH	++ CONSTANT
215	(D7)	BITSTRING	2	TCPXCNDB_XFLAG1	++ FIELD_LABEL
215	(D7)	BITSTRING	0	TCPXCNDB_XOPERATION_INITIALIZE	
					"B'1000000000000000'" ++ XOPERATION.INITIALIZE KEYWORD

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Table 52. Structure TCPSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
215	(D7)	BITSTRING	0	TCPXCNDB_XOPERATION_TRANSFER	
					"B'0100000000000000'" ++ XOPERATION.TRANSFER KEYWORD
215	(D7)	BITSTRING	0	TCPXCNDB_XOPERATION_UPDATE	"B'0010000000000000'" ++ XOPERATION.UPDATE KEYWORD
215	(D7)	BITSTRING	0	TCPXCNDB_XOPERATION_RESET	"B'0001000000000000'" ++ XOPERATION.RESET KEYWORD
215	(D7)	BITSTRING	0	TCPXCNDB_XOPERATION_VERIFY	"B'0000100000000000'" ++ XOPERATION.VERIFY KEYWORD
215	(D7)	BITSTRING	0	TCPXCNDB_XOPERATION_TRANSCONSID	
					"B'0000010000000000'" ++ XOPERATION.TRANSCONSID KEYWORD
215	(D7)	BITSTRING	0	TCPXCNDB_XOPERATION_TRANSROUT	
					"B'0000001000000000'" ++ XOPERATION.TRANSROUT KEYWORD
215	(D7)	BITSTRING	0	TCPXCNDB_XOPERATION_EXTRACTCONSID	
					"B'0000000100000000'" ++ XOPERATION.EXTRACTCONSID KEYWORD
		1...		TCPXCNDB_XOPERATION_EXTRACTCONSNAME	
					"B'0000000010000000'" ++ XOPERATION.EXTRACTCONSNAME KEYWOR
		.1..		TCPXCNDB_XOPERATION_EXTRACTCONSTYPE	
					"B'0000000001000000'" ++ XOPERATION.EXTRACTCONSTYPE KEYWOR
		..1.		TCPXCNDB_XOPERATION_EXTRACTROUT	
					"B'0000000000100000'" ++ XOPERATION.EXTRACTROUT KEYWORD
		...1		TCPXCNDB_XOPERATION_EXTRACTCART	
					"B'0000000000010000'" ++ XOPERATION.EXTRACTCART KEYWORD
217	(D9)	BITSTRING	1	TCPXCNDB_XABEND	++ INPUT
		1...		TCPXCNDB_XABEND_YES	"B'10000000'" ++ XABEND.YES KEYWORD
		.1..		TCPXCNDB_XABEND_NO	"B'01000000'" ++ XABEND.NO KEYWORD
218	(DA)	BITSTRING	1	TCPXCNDB_XUSERADDR	++ FIELD_LABEL
219	(DB)	CHARACTER	1	TCPXCNDB_XRSV001	++ RESERVED
220	(DC)	ADDRESS	4	TCPXCNDB_XCNDB	++
224	(E0)	ADDRESS	4	TCPXCNDB_XOUTCNDB	++
228	(E4)	ADDRESS	4	TCPXCNDB_XINCNDB	++
232	(E8)	ADDRESS	4	TCPXCNDB_XCONSNM	++
236	(EC)	ADDRESS	4	TCPXCNDB_XCONSID	++
240	(F0)	ADDRESS	4	TCPXCNDB_XOUTCONSID	++
244	(F4)	CHARACTER	2	TCPXCNDB_XRSV002	++ RESERVED
246	(F6)	BITSTRING	1	TCPXCNDB_XFLAG2	++ FIELD_LABEL
		1...		TCPXCNDB_XCMDIND_YES	"B'10000000'" ++ XCMDIND.YES KEYWORD
		.1..		TCPXCNDB_XCMDIND_NO	"B'01000000'" ++ XCMDIND.NO KEYWORD
247	(F7)	BITSTRING	1	TCPXCNDB_XKEYS	++ FIELD_LABEL
		1...		TCPXCNDB_KEYUSED_CMDIND	"B'10000000'" ++ KEYUSED.CMDIND KEYWORD
248	(F8)	ADDRESS	4	TCPXCNDB_XROUT	++
252	(FC)	ADDRESS	4	TCPXCNDB_XCART	++

Table 52. Structure TCPSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
256	(100)	ADDRESS	4	TCPXCNDB_XOUTCONSNAME	++
260	(104)	ADDRESS	4	TCPXCNDB_XOUTCONSTYPE	++
264	(108)	ADDRESS	4	TCPXCNDB_XOUTROUT	++
268	(10C)	ADDRESS	4	TCPXCNDB_XOUTCART	++
268	(10C)	X'40'	0	TCPXCNDBL	"*-TCPXCNDB" ++ LENGTH OF PLIST
				IATXCNDB-3	
	TCP DSP ECF				
272	(110)	BITSTRING	1	TCPECF	TCP DSP ECF
		1...		TCPSTRNV	"X'80'" Post to start Netserv
		.1..		TCPRESNV	"X'40'" Post to restart Netserv
		..1.		TCPCANNV	"X'20'" Post to cancel Netserv
		...1		TCPSTRSC	"X'10'" Post to start socket
		.... 1...		TCPCANSC	"X'08'" Post to cancel socket
		.... .1..		TCPECWRK	"X'04'" Post for work
		.... ..1.		TCPNSVND	"X'02'" Post for cancel due to NETSERV AS end
		1		TCPCANSI	"X'01'" Posted for cancel socket immediate
272	(110)	X'19'	0	TCPSKCMD	"TCPSTRSC+TCPCANSC+TCPCANSI" Any socket command
272	(110)	X'60'	0	TCPNSCMD	"TCPCANNV+TCPRESNV" Any Netserv command
272	(110)	X'79'	0	TCPANYCM	"TCPNSCMD+TCPSKCMD" Any TCP command 06277SVA
	TCP ECF flag 2 definitions - these are tested and acted upon when TCPECF is posted for TCPECWRK.				
273	(111)	BITSTRING	1	TCPECF2	TCP ECF flag 2
		1...		TCPOBNMR	"X'80'" Posted for outbound NMR
		.1..		TCPNJET	"X'40'" Posted for n/w job transmit 04515SRC
		..1.		TCPCANT	"X'20'" Cancel transmission 07032SVC
		...1		TCPCANDI	"X'10'" Node cancel immediate
		.... 1...		TCPCAND	"X'08'" Node cancel
		.... .1..		TCPE2R04	"X'04'" Reserved for IBM
		.... ..1.		TCPE2R02	"X'02'" Reserved for IBM
		1		TCPE2R01	"X'01'" Reserved for IBM
274	(112)	BITSTRING	1	TCPECF2C	Working copy of TCPECF2
	TCP Initialization ECF				
275	(113)	BITSTRING	1	TCPIECF	TCP Initialization ECF
		1...		TCPNSACT	"X'80'" Netserv active
		.1..		TCPNSTMO	"X'40'" Netserv init timeout
		..1.		TCPNSTFL	"X'20'" *FAIL while in timer 08160SXC
		...1		TCPIR10	"X'10'" Reserved for IBM
		.... 1...		TCPIR08	"X'08'" Reserved for IBM
		.... .1..		TCPIR04	"X'04'" Reserved for IBM
		.... ..1.		TCPIR02	"X'02'" Reserved for IBM

Table 52. Structure TCPSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1		TCPIR01	"X'01'" Reserved for IBM
275	(113)	X'E0'	0	TCPTMPST	"TCPNSACT+TCPNSTMO+TCPNSTFL" Settings that can 08160SXA be used to post TCPIECF 08160SXA during the timed wait for 08160SXA the Netserv to start 08160SXA
		-- 06277SVA ECF list for a Netserv's target MAINPROC. 06277SVA -- 06277SVA			
276	(114)	SIGNED	4	TCPECFL(0)	MP/TCP ECF list 06277SVA
276	(114)	ADDRESS	4	TCPECFL1	MPLFLG 06277SVA
280	(118)	BITSTRING	1	(3)	Upper bytes must be zero 06277SVA
283	(11B)	ADDRESS	1		Mask for connect 06277SVA
284	(11C)	ADDRESS	4	TCPECFL2	TCPIECF 06277SVA
288	(120)	BITSTRING	1	(3)	Upper bytes must be zero 06277SVA
291	(123)	ADDRESS	1		Mask for timeout 06277SVA
292	(124)	ADDRESS	4	TCPECFL3	YIXIF_MEMBER_STATUS 06277SVA
296	(128)	BITSTRING	1	(3)	Upper bytes must be zero 06277SVA
299	(12B)	ADDRESS	1		Mask for processor down 06277SVA
300	(12C)	ADDRESS	4	TCPECFL4	TCPECF (command ECF) 06277SVA
304	(130)	BITSTRING	1	(3)	Upper bytes must be zero 06277SVA
307	(133)	ADDRESS	1		Mask for any command 06277SVA
308	(134)	SIGNED	4		ECF list terminator 06277SVA
		-- 08160SXA ECF list for a Netserv's timed start. 08160SXA -- 08160SXA			
312	(138)	SIGNED	4	TCPECFNL(0)	Netserv start ECF list 08160SXA
312	(138)	ADDRESS	4	TCPECFN1	TCPECF 08160SXA
316	(13C)	BITSTRING	1	(3)	Upper bytes must be zero 08160SXA
319	(13F)	ADDRESS	1		TCPECF events to wait for 08160SXA
320	(140)	ADDRESS	4	TCPECFN2	TCPIECF 08160SXA
324	(144)	BITSTRING	1	(3)	Upper bytes must be zero 08160SXA
327	(147)	ADDRESS	1		TCPIECF events to wait for 08160SXA
328	(148)	SIGNED	4		ECF list terminator 08160SXA
		-- 07008SXA ECF list for a socket sign on. 07008SXA -- 07008SXA			
332	(14C)	SIGNED	4	TCPECFSL(0)	Socket start ECF list 07008SXA
332	(14C)	ADDRESS	4	TCPECFS1	SOCKFLG1
336	(150)	BITSTRING	1	(3)	Upper bytes must be zero 07008SXA
339	(153)	ADDRESS	1		Mask for successful signon 07008SXA
340	(154)	ADDRESS	4	TCPECFS2	SOCKFLG2
344	(158)	BITSTRING	1	(3)	Upper bytes must be zero 07008SXA
347	(15B)	ADDRESS	1		Mask for timeout 07008SXA
348	(15C)	SIGNED	4		ECF list terminator 07008SXA
		TCP recovery footprints			

Table 52. Structure TCPSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
352	(160)	BITSTRING	1	TCPFPFLG	TCP recovery footprints
		1...		TCGETUNT	"X'80'" GETUNIT issued
		.1..		TCPLOGIN	"X'40'" LOGIN issued
		..1.		TCGETLMC	"X'20'" AGETMAIN for LMLC
		...1		TCPFPR10	"X'10'" Reserved for IBM
		.... 1...		TCGETOSB	"X'08'" AGETMAIN for OSBM parmlist
		.... .1..		TCPFPR04	"X'04'" Reserved for IBM
		.... ..1.		TCPFPR02	"X'02'" Reserved for IBM
		1		TCPFPR01	"X'01'" Reserved for IBM
		TCP NJE flag 1 definitions			
353	(161)	BITSTRING	1	TCPFLG1	TCP NJE flag 1
		1...		TCPNJEOK	"X'80'" NETSERV ready to accept job
		.1..		TCPRECP	"X'40'" Posted for recovery
		..1.		TCPOSBM	"X'20'" OSBM under NTTDR JESTAE
		...1		TCPWSOCK	"X'10'" TCP DSP is waiting for a 07008SXC socket to connect 07008SXA
		.... 1...		TCPNSGNE	"X'08'" NETSERV is gone
		.... .1..		TCPCANSV	"X'04'" Cancel Netserv issued
		.... ..1.		TCPFL102	"X'02'" Reserved for IBM
		1		TCPFL101	"X'01'" Reserved for IBM
		TCP NJE transaction request for jobs/sysout			
356	(164)	SIGNED	4	TCPNJETD(0)	TCP NJE transaction data
356	(164)	ADDRESS	2		Transaction length
358	(166)	BITSTRING	2	TCPPRTY	Transaction priority
360	(168)	BITSTRING	4	TCPJBNO	Binary job number
364	(16C)	CHARACTER	8	TCPJBNM	Job name
372	(174)	CHARACTER	8	TCPJOBI	Job identifier
380	(17C)	CHARACTER	8	TCPGRID	Group identifier
388	(184)	CHARACTER	3	TCPREQT	Transaction request type
391	(187)	CHARACTER	8	TCPNODE	Destination node name
391	(187)	X'2B'	0	TCPNJETL	"*-TCPNJETD"
		TCP NMR queue for commands and messages. *Each element in this queue contains an IATYNBF entry* *which in turn contains a chain pointer and a piece* *of data for an NMR.*			
400	(190)	ADDRESS	4	TCPFNMR	First NMR for this Netserv
404	(194)	ADDRESS	4	TCPLNMR	Last NMR for this Netserv
		TCP queue for modify commands. *Each element in this queue contains an IATYTCRQ* *entry reflecting a modify command.*			
408	(198)	ADDRESS	4	TCPFMODC	First modify command TCRQ
412	(19C)	ADDRESS	4	TCPLMODC	Last modify command TCRQ

Table 52. Structure TCPSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		List form of ATIME for NETSERV initialization. CPATIME ATIME MF=L ATIME for NETSERV start $TP= z2.3.0 HJS77B0 170222 PD0TN: z 2.3.0			
416	(1A0)	SIGNED	4	(0)	ALIGNMENT
416	(1A0)	BITSTRING	4	TCPATIME	ID
420	(1A4)	SIGNED	4		TIME OR TOD VALUE
424	(1A8)	ADDRESS	4		ECF OR ENTER ADDRESS
428	(1AC)	ADDRESS	1		FLAG BYTE1
429	(1AD)	ADDRESS	1		FLAG BYTE2
430	(1AE)	ADDRESS	1		ECF MASK FOR POST REQUEST
431	(1AF)	ADDRESS	1		Flag byte 3
432	(1B0)	ADDRESS	4		FCT ADDRESS
		List form of MESSAGE macro. CPMSGLT MESSAGE MF=L List form of MESSAGE macro $T6=z1.13.0 HJS7780 110309 PD0TN: z 1.13.0			
436	(1B4)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
436	(1B4)	ADDRESS	4	TCPMSGLT	Text Address
440	(1B8)	BITSTRING	2		Destination Disp and Mask
442	(1BA)	BITSTRING	1		ACTION flag
443	(1BB)	ADDRESS	1		Options Flag
444	(1BC)	BITSTRING	2		Descriptor Codes
446	(1BE)	SIGNED	2		Reserved 2 Bytes
448	(1C0)	BITSTRING	17		Routing Codes
465	(1D1)	BITSTRING	1	(3)	Reserved
468	(1D4)	BITSTRING	1	(8)	Jobid
476	(1DC)	BITSTRING	1	(8)	Jobname
484	(1E4)	BITSTRING	1	(8)	Key
492	(1EC)	ADDRESS	4		CNDB Address 1
496	(1F0)	ADDRESS	4		CNDB Address 2
500	(1F4)	ADDRESS	4		CNDB Address 3
504	(1F8)	ADDRESS	4		CNDB Address 4
508	(1FC)	ADDRESS	4		CNDB Address 5
512	(200)	ADDRESS	4		MLWO Address
		TCP FCT Message Text area			
516	(204)	CHARACTER	128	TCPMSG(0)	Message text structure
516	(204)	ADDRESS	1	TCPMSGLN	Length of message text
517	(205)	CHARACTER	127	TCPMSGTX	Message text
644	(284)	SIGNED	4	TCPRSVD1	Reserved for IBM
648	(288)	SIGNED	4	TCPRSVD2	Reserved for IBM
652	(28C)	SIGNED	4	TCPRSVD3	Reserved for IBM
656	(290)	DBL WORD	8	TCPEND(0)	End of IATYTCP on D-word
656	(290)	X'290'	0	TCPSIZE	"TCPEND-TCPSTART" Size of TCP data area

Table 52. Structure TCPSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description

					TCAPPEND - TCP Console Appendage
					This is the TCP Console Message Appendage. It gets
					activated when the TCP FCT issues a LOGIN macro.
					The console appendate is called by, and runs under
					the CONSERV FCT, when a command for TCP is entered
					by the operator.
					When called, the TCP FCT issues a GETUNIT for the
					SUPUNIT with the name given on the CALL,TCP
					command (NETSERV=name). From then on all commands
					to this FCT are issued using the socket or Netserv
					name, except for S,TCP,NODE=nodename which results
					in one or more individual S,socket commands being
					INTERCOMed.
					During a START, RESTART, or CANCEL command, the
					message, whose address is in R1, is either accepted
					via rc=0 or rejected via rc=8. The return code
					rc=4 (queue for later processing) is used if a
					socket level command is already being processed.
					If it is accepted, a local copy of the message is
					made for later processing, and the one of the TCPECF
					command flags is posted to cause the TCP FCT to be
					dispatched from an AWAIT.
					The following commands are handled by the appendage:
					 S,ntsvname
					- This command is meaningless and is rejected with
					  an error. The TCP FCT is not posted.
					 R,ntsvname
					- Posts the FCT to send an NRQTYPE_RESET_SERVER
					  request to the IAZNJTCP address space.
					 C,ntsvname
					- Posts the FCT to send an NRQTYPE_STOP_SERVER
					  request to the IAZNJTCP address space.
					 C,ntsvname,NODE=node
					 C,ntsvname,NODE=node,I
					- This command results in a post of TCPECF2.
					  The post will be picked up by IATNTTDR which
					  will run down the socket chain and issue a
					  socket cancel request to the Netserv address
					  space.
					 S,TCP,SOCKET=name

Table 52. Structure TCPSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description

```
              - The TCPCOMND routine in IATCNIN looks up the
                socket to find the NETSERV FCT and the node
                associated with the socket. The node and socket
                name are moved into the input fields and the
                console appendage for the NETSERV FCT in question
                is called. The console appendage posts the
                FCT to start the socket with the given name.
               C,TCP,SOCKET=name
              - The TCPCOMND routine in IATCNIN looks up the
                socket to find the NETSERV FCT and the node
                associated with the socket. The node and socket
                name are moved into the input fields and the
                console appendage for the NETSERV FCT in question
                is called. The console appendage posts the
                FCT to stop the socket with the given name.
                IATNTTDR builds a TCRQ to request the Netserv to
                send a NRQ with type NRQTYPE_STOP_CONN to
                IAZNJTCP.
               C,TCP,SOCKET=name,I
              - The I parameter ("immediate") causes IATNTTDR to
                send an NRQTYPE_HALT_CONN NRQ to IAZNJTCP instead
                of an NRQTYPE_STOP_CONN NRQ. This tells IAZNJTCP
                to halt the socket without waiting for work to
                complete. Otherwise, processing is the same as
                for the C,TCP,SOCKET=name command.
               R,TCP,SOCKET=name
              - This command is not supported. TCPCOMND in
                IATCNIN rejects the command so it won't even get
                here.
               S,TCP,NODE=nodename
              - This command does not come to the console
                appendage directly.
                The TCPCOMND routine in IATCNIN runs down the
                socket chain looking for every socket for the
                specified node. For each one found, an
                ' S,TCP,SOCKET=sname' command is INTERCOMmed.
              Register conventions for console appendage:
              Entry:
                R0 = Irrelevant
                R1 = Pointer to console buffer
                R2-10 = Irrelevant
                R11 = FCT address
                R12 = TVT
                R13 = IATYTCP/IATNTTDT (data CSECT)
```

```
                R14 = Return address
                R15 = Entry point adress
              Exit:
                R0-R1 = Destroyed
                R2-R14 = Unchanged
                R15 = Destroyed
              Register usage:
                R0-1 = Work registers
                R2 = Console buffer
                R3 = Position of first operand in command
                R4 = Length of socket name
                R5-6 = Work register
                R7 = Pointer to end of command
                R8-9 = Work register
                R10 = Base
                R11 = FCT address
                R12 = TVT
                R13 = IATYTCP/IATNTTDT (data CSECT)
                R14 = Return address
                R15 = Entry point adress
```

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
656	(290)	SIGNED	2	TCAPPEND(0)	

```
              CANCEL command.
              Parse the command and figure out if the name
              appearing after the command is TCP or Netserv name.
              Also figure out if the cancel is for a socket or
              a node.
              Also figure out if the 'I' (immediate) operand was
```

Table 53. Cross Reference for IATYTCP

Name	Offset	Hex Tag
M00M0051	24	

Table 53. Cross Reference for IATYTCP (continued)

Name	Offset	Hex Tag
M00M0055	0	D0
TCAPPEND	290	
TCGETLMC	160	20
TCGETOSB	160	8
TCGETUNT	160	80
TCPANYCM	110	79
TCPATIME	1A0	0
TCPCAND	111	8
TCPCANDI	111	10
TCPCANNM	58	
TCPCANNV	110	20
TCPCANSC	110	8
TCPCANSI	110	1
TCPCANSV	161	4
TCPCANT	111	20
TCPCLCDB	6C	
TCPCMDND	3C	
TCPCMDSC	34	
TCPCNASI	63	
TCPCNTXL	54	
TCPCNTXT	56	
TCPCNWKE	6C	
TCPCNWRK	54	
TCPECF	110	
TCPECFL	114	
TCPECFL1	114	
TCPECFL2	11C	
TCPECFL3	124	
TCPECFL4	12C	
TCPECFNL	138	
TCPECFN1	138	
TCPECFN2	140	
TCPECFSL	14C	
TCPECFS1	14C	
TCPECFS2	154	
TCPECF2	111	
TCPECF2C	112	
TCPECWRK	110	4
TCPEND	290	
TCPE2R01	111	1
TCPE2R02	111	2
TCPE2R04	111	4
TCPFLG1	161	
TCPFL101	161	1
TCPFL102	161	2
TCPFMODC	198	

Table 53. Cross Reference for IATYTCP (continued)

Name	Offset	Hex Tag
TCPFNMR	190	
TCPFPFLG	160	
TCPFPR01	160	1
TCPFPR02	160	2
TCPFPR04	160	4
TCPFPR10	160	10
TCPGRID	17C	40404040
TCPIECF	113	
TCPIR01	113	1
TCPIR02	113	2
TCPIR04	113	4
TCPIR08	113	8
TCPIR10	113	10
TCPJBNM	16C	40404040
TCPJBNO	168	0
TCPJOBI	174	40404040
TCPJSTXL	6C	18
TCPLMLC	48	
TCPLMODC	19C	
TCPLNMR	194	
TCPLOGIN	160	40
TCPMSG	204	
TCPMSGLN	204	
TCPMSGLT	1B4	
TCPMSGTX	205	
TCPNJEOK	161	80
TCPNJET	111	40
TCPNJETD	164	
TCPNJETL	187	2B
TCPNJNUM	2C	
TCPNNAME	24	
TCPNODE	187	40404040
TCPNSACT	113	80
TCPNSCMD	110	60
TCPNSGNE	161	8
TCPNSTFL	113	20
TCPNSTMO	113	40
TCPNSV	44	
TCPNSVND	110	2
TCPOBNMR	111	80
TCPOSBM	161	20
TCPPRML	4C	
TCPPRTY	166	0
TCPRECP	161	40
TCPREQT	184	404040
TCPRESNV	110	40

Table 53. Cross Reference for IATYTCP (continued)

Name	Offset	Hex Tag
TCPRSVD1	284	
TCPRSVD2	288	
TCPRSVD3	28C	
TCPSIZE	290	290
TCPSKCMD	110	19
TCPSTART	0	
TCPSTRNV	110	80
TCPSTRSC	110	10
TCPTMPST	113	E0
TCPTSAVE	50	
TCPWSOCK	161	10
TCPXCNDB	D0	
TCPXCNDB_KEYUSED_CMDIND	F7	80
TCPXCNDB_XABEND	D9	
TCPXCNDB_XABEND_NO	D9	40
TCPXCNDB_XABEND_YES	D9	80
TCPXCNDB_XCART	FC	
TCPXCNDB_XCMDIND_NO	F6	40
TCPXCNDB_XCMDIND_YES	F6	80
TCPXCNDB_XCNDB	DC	
TCPXCNDB_XCONSID	EC	
TCPXCNDB_XCONSNM	E8	
TCPXCNDB_XEYECATCH	D1	
TCPXCNDB_XFLAG1	D7	
TCPXCNDB_XFLAG2	F6	
TCPXCNDB_XINCNDB	E4	
TCPXCNDB_XKEYS	F7	
TCPXCNDB_XOPERATION_EXTRACTCART	0	10
TCPXCNDB_XOPERATION_EXTRACTCONSID	D7	100
TCPXCNDB_XOPERATION_EXTRACTCONSNAME	D7	80
TCPXCNDB_XOPERATION_EXTRACTCONSTYPE	0	40
TCPXCNDB_XOPERATION_EXTRACTROUT	0	20
TCPXCNDB_XOPERATION_INITIALIZE	D7	8000
TCPXCNDB_XOPERATION_RESET	D7	1000
TCPXCNDB_XOPERATION_TRANSCONSID	D7	400
TCPXCNDB_XOPERATION_TRANSFER	D7	4000
TCPXCNDB_XOPERATION_TRANSROUT	D7	200
TCPXCNDB_XOPERATION_UPDATE	D7	2000
TCPXCNDB_XOPERATION_VERIFY	D7	800
TCPXCNDB_XOUTCART	10C	
TCPXCNDB_XOUTCNDB	E0	
TCPXCNDB_XOUTCONSID	F0	
TCPXCNDB_XOUTCONSNAME	100	
TCPXCNDB_XOUTCONSTYPE	104	
TCPXCNDB_XOUTROUT	108	
TCPXCNDB_XROUT	F8	

Table 53. Cross Reference for IATYTCP (continued)

Name	Offset	Hex Tag
TCPXCNDB_XRSV001	DB	
TCPXCNDB_XRSV002	F4	
TCPXCNDB_XUSERADDR	DA	
TCPXCNDB_XVERSION	D0	
TCPXCNDBL	10C	40

IATYTCRQ information

IATYTCRQ heading information

Common name:	TCPIP Server Request Area
Macro ID:	IATYTCRQ
DSECT name:	TCRQSTRT
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	TCRQ Offset: 0 Length: 4
Storage attributes:	Main Storage: Any Subpool: 0 Key: 0 Data Space: None
Size:	TCRQSIZE bytes
Created by:	IATNTTDR, IATNTTXR
Pointed to by:	NSCTTCRQ in IATYNSCT for requests queued to a server; imbedded in a staging area when sent from the global to a local using the Local Module Load/Call Destination queue.
Serialization:	None
Function:	This macro contains the following: - An area for the global to send work to a Netserv consisting of a function code and a data area - Areas for a Netserv to send requests to the global. - Socket status update area - The Netserv SSISERVs this to the global with TYPE=COMM to request the global to update its data area representing the socket. - Node Information Request area - The Netserv SSISERVs this to the global with TYPE=WAIT requesting information about a remote node that has initiated a connection to this node. - Node Information Response area - Response to the Node Information Request area. *16060T8A

IATYTCRQ mapping

Table 54. Structure TCRQSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	TCRQSTRT	
0	(0)	ADDRESS	4	TCRQNEXT	Forward chain pointer
4	(4)	ADDRESS	4	TCRQPREV	Backward chain pointer
8	(8)	CHARACTER	4	TCRQEYE	Eye catcher
12	(C)	SIGNED	4	TCRQLEN	Length fixed TCRQ + data
16	(10)	CHARACTER	8	TCRQNNAM	Netserv to receive TCRQ
24	(18)	CHARACTER	8	TCRQSNAM	Target socket for TCRQ

Table 54. Structure TCRQSTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
32	(20)	ADDRESS	1	TCRQFUNC	Function code
32	(20)	X'1'	0	TCRQSSOC	"1" Start socket
32	(20)	X'2'	0	TCRQCSOC	"2" Cancel single socket
32	(20)	X'3'	0	TCRQRNSV	"3" Reset Netserv
32	(20)	X'4'	0	TCRQCNSV	"4" Cancel Netserv
32	(20)	X'5'	0	TCRQSJTR	"5" Start socket JTRACE
32	(20)	X'6'	0	TCRQEJTR	"6" End socket JTRACE
32	(20)	X'7'	0	TCRQSITR	"7" Start socket ITRACE
32	(20)	X'8'	0	TCRQEITR	"8" End socket ITRACE
32	(20)	X'9'	0	TCRQCANT	"9" Cancel transmission 07032SVC
32	(20)	X'A'	0	TCRQNJET	"10" TCP NJE transaction
32	(20)	X'B'	0	TCRQSVTR	"11" Start socket VTRACE
32	(20)	X'C'	0	TCRQEVTR	"12" End socket VTRACE
32	(20)	X'D'	0	TCRQNMRT	"13" TCP NMR transaction
32	(20)	X'E'	0	TCRQSJTN	"14" Start Netserv JTRACE
32	(20)	X'F'	0	TCRQEJTN	"15" End Netserv JTRACE
32	(20)	X'10'	0	TCRQSITN	"16" Start Netserv ITRACE
32	(20)	X'11'	0	TCRQEITN	"17" End Netserv ITRACE
32	(20)	X'12'	0	TCRQSVTN	"18" Start Netserv VTRACE
32	(20)	X'13'	0	TCRQEVTN	"19" End Netserv VTRACE
32	(20)	X'14'	0	TCRQHSOC	"20" Halt socket
33	(21)	ADDRESS	1	TCRQVERS	Version number
33	(21)	X'1'	0	TCRQIVER	"1" Initial version
33	(21)	X'1'	0	TCRQCVER	"TCRQIVER" Current version
34	(22)	ADDRESS	2	TCRQRSV1	Reserved for IBM
36	(24)	SIGNED	4	TCRQEND(0)	End of fixed area

> Only 60 characters of TCRQDATA are formatted. This is because the line length ABNLNLEN in IATYABN is limited to 132 characters. We limit the EBCDIC formatting length to the same maximum length that we have for formatting hexadecimal, since in general it is not useful to indicate unprintable characters when we don't have room for the corresponding hexadecimal digits.

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
36	(24)	CHARACTER	60	TCRQDATA(0)	Start of data (for dump formatting - EBCDIC)
36	(24)	BITSTRING	60	TCRQDATX(0)	Start of data (for dump formatting - hexadecimal)
36	(24)	X'24'	0	TCRQSIZE	"TCRQEND-TCRQSTRT" Size of fixed area

Table 55. Structure TCISTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	TCISTART	
0	(0)	ADDRESS	2	TCILEN	Length of area (SELDATA) uses output length (TCIRSIZE)
2	(2)	ADDRESS	1	TCISVER	Version number
2	(2)	X'1'	0	TCISIVER	"1" Initial version
2	(2)	X'1'	0	TCISCVER	"TCISIVER" Current version

Table 55. Structure TCISTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
3	(3)	CHARACTER	8	TCINODE	Node name

Table 56. Structure TCIRSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	TCIRSTRT	
0	(0)	ADDRESS	2	TCIRLEN	Length of area (SELDATA)
2	(2)	ADDRESS	1	TCISOVER	Output version number
2	(2)	X'1'	0	TCISOIVR	"1" Initial version
2	(2)	X'1'	0	TCISCOVR	"TCISOIVR" Current version
3	(3)	BITSTRING	1	TCIRNJEE	Node definition
3	(3)	X'6B'	0	TCIREND	"*" End of response area
3	(3)	X'6B'	0	TCIRSIZE	"TCIREND-TCIRSTRT" Size of data
3	(3)	BITSTRING	4	TCIRNFND	Node not found indicator
3	(3)	X'7'	0	TCIFREND	"*" End of failure area
3	(3)	X'7'	0	TCIFRSIZ	"TCIFREND-TCIRSTRT" Size of failure data

Table 57. Structure SOCKUPDT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	SOCKUPDT	
0	(0)	ADDRESS	2	SOCKUPDL	Length of area (SELDATA)
2	(2)	CHARACTER	8	SOCKUPNM	Socket name for client update
10	(A)	ADDRESS	1	SOCKUPSI	Status indicator
10	(A)	X'1'	0	SOCKBCAC	"1" Client socket becoming active
10	(A)	X'2'	0	SOCKBCIA	"2" Client socket becoming inactive
10	(A)	X'3'	0	SOCKSVAC	"3" Server socket becoming active
10	(A)	X'4'	0	SOCKSVIA	"4" Server socket becoming inactive
10	(A)	X'5'	0	SOCKUPPG	"5" Socket progress update
11	(B)	ADDRESS	1	SOCKURV1	Reserved for IBM
12	(C)	BITSTRING	12	SOCKURV2	Reserved for IBM
24	(18)	BITSTRING	1	SOCKUJTR	Job transmitter count for server update
25	(19)	BITSTRING	1	SOCKUJRC	Job receiver count for server update
26	(1A)	BITSTRING	1	SOCKUOTR	SYSOUT transmitter count for server update
27	(1B)	BITSTRING	1	SOCKUORC	SYSOUT receiver count for server update
28	(1C)	CHARACTER	8	SOCKUPND	Node name for server update; also used to return a new server socket name
36	(24)	CHARACTER	8	SOCKUPNV	Netserv name for server update
44	(2C)	SIGNED	2	SOCKCRPT	Current socket port number.
46	(2E)	BITSTRING	1	SOCKUPTY	Update progress type
		1...		SOCKUPJS	"B'10000000'" Update job (SYSIN) trans
		.1..		SOCKUPJR	"B'01000000'" Update job (SYSIN) reception

Table 57. Structure SOCKUPDT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		SOCKUPSS	"B'00100000'" Update SYSOUT transmission
		...1		SOCKUPSR	"B'00010000'" Update SYSOUT reception
		.... 1...		SOCKUCMP	"B'00001000'" Update xmt/rcv is complete
		.... .1..		SOCKUB04	"B'00000100'" Reserved for IBM
		.... ..1.		SOCKUB02	"B'00000010'" Reserved for IBM
		1		SOCKUB01	"B'00000001'" Reserved for IBM
47	(2F)	BITSTRING	1	SOCKUJSM	Update stream number
48	(30)	BITSTRING	1	SOCKURV3	Reserved for IBM
49	(31)	BITSTRING	1	SOCKUPRI	Update job priority
50	(32)	CHARACTER	2	SOCKURV4	Reserved for IBM
52	(34)	CHARACTER	8	SOCKUJBN	Update job name
60	(3C)	CHARACTER	8	SOCKUJBI	Update job ID
68	(44)	CHARACTER	8	SOCKUOWN	Update job owner
76	(4C)	SIGNED	4	SOCKUJB#	Update job number
80	(50)	SIGNED	4	SOCKUCR#	Current NJE line count 16060T8C
84	(54)	SIGNED	4	SOCKUTR#	Total NJE line count 16060T8C
88	(58)	CHARACTER	8	SOCKUORN	Job's origin node
96	(60)	CHARACTER	16	SOCKURV5	Reserved for IBM
112	(70)	CHARACTER	255	SOCKUHST	Update socket host
367	(16F)	BITSTRING	1	SOCKURV6	Reserved for IBM
368	(170)	SIGNED	4	SOCKURV7(4)	Reserved for IBM
368	(170)	X'180'	0	SOCKUPEN	"*" End of data
368	(170)	X'180'	0	SOCKUPSZ	"SOCKUPEN-SOCKUPDT" Size of data

```
---------------------------------------------------------- 16060T8A
     The following equates determine how often progress 16060T8A
     counts are sent to the global during SYSOUT/job 16060T8A
     transmission/reception. 16060T8A
                                                  16060T8A
     See how the equates are used in IATNTTXR before 16060T8A
     making changes. They must be 1 byte and start with 16060T8A
     zero to eight inclusive 0's and then end with all 16060T8A
     1's. 16060T8A
---------------------------------------------------------- 16060T8A
```

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1111 1111		SOCKUSRI	"B'11111111'" Update for every 256th 16060T8A sysout record received 16060T8A
		1111 1111		SOCKUSTI	"B'11111111'" Update for every 256th 16060T8A sysout record transmitted 16060T8A
		1111 1111		SOCKUJRI	"B'11111111'" Update for every 256th job 16060T8A record received 16060T8A
		1111 1111		SOCKUJTI	"B'11111111'" Update for every 256th job 16060T8A record transmitted 16060T8A

Table 58. Structure NJETDATA

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NJETDATA	
0	(0)	BITSTRING	2	NJETLEN	Transaction length
2	(2)	BITSTRING	2	NJETPRTY	Transaction priority

Table 58. Structure NJETDATA (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
4	(4)	BITSTRING	4	NJETJBNO	Binary job number
8	(8)	CHARACTER	8	NJETJBNM	Job name
16	(10)	CHARACTER	8	NJETJOBI	Job identifier
24	(18)	CHARACTER	8	NJETGRID	Group identifier
32	(20)	CHARACTER	3	NJETREQT	Transaction request type
35	(23)	CHARACTER	8	NJETNODE	Destination node name
35	(23)	X'2B'	0	NJETSIZE	"*-NJETDATA" Size of NJE transaction data

Table 59. Structure NMROTRAN

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NMROTRAN	
0	(0)	CHARACTER	8	NMRONVAM	Target Netserv name
8	(8)	CHARACTER	1	NMRODATA	NMR contents (control info and text)
8	(8)	X'AA'	0	NMROEND	"*" End of data
8	(8)	X'AA'	0	NMROSIZE	"NMROEND-NMROTRAN" Size of data

Table 60. Structure NMRITRAN

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	NMRITRAN	
0	(0)	ADDRESS	2	NMRILEN	Transaction length (SELDATA)
2	(2)	CHARACTER	1	NMRIDATA	NMR contents (control info and text)
2	(2)	X'A4'	0	NMRIEND	"*" End of data
2	(2)	X'A4'	0	NMRISIZE	"NMRIEND-NMRITRAN" Size of data, version 0
164	(A4)	CHARACTER	4	NMRIEYE	Eye catcher
168	(A8)	BITSTRING	1	NMRIVER	Version number
168	(A8)	X'1'	0	NMRI1VER	"1" Current version
169	(A9)	BITSTRING	3	NMRIRSV1	Reserved for IBM
172	(AC)	CHARACTER	8	NMRIAJND	Adjacent node name
180	(B4)	SIGNED	4	NMRIRSV2(6)	Reserved for IBM
180	(B4)	X'CC'	0	NMRIEND1	"*" End of data
180	(B4)	X'CC'	0	NMRISIZ1	"NMRIEND1-NMRITRAN" Size of data, for version 1

Table 61. Cross Reference for IATYTCRQ

Name	Offset	Hex Tag
NJETDATA	0	
NJETGRID	18	40404040
NJETJBNM	8	40404040
NJETJBNO	4	0
NJETJOBI	10	40404040
NJETLEN	0	0
NJETNODE	23	40404040
NJETPRTY	2	0
NJETREQT	20	404040

Table 61. Cross Reference for IATYTCRQ (continued)

Name	Offset	Hex Tag
NJETSIZE	23	2B
NMRIAJND	AC	
NMRIDATA	2	
NMRIEND	2	A4
NMRIEND1	B4	CC
NMRIEYE	A4	
NMRILEN	0	
NMRIRSV1	A9	
NMRIRSV2	B4	
NMRISIZE	2	A4
NMRISIZ1	B4	CC
NMRITRAN	0	
NMRIVER	A8	
NMRI1VER	A8	1
NMRODATA	8	
NMROEND	8	AA
NMRONVAM	0	
NMROSIZE	8	AA
NMROTRAN	0	
SOCKBCAC	A	1
SOCKBCIA	A	2
SOCKCRPT	2C	
SOCKSVAC	A	3
SOCKSVIA	A	4
SOCKUB01	2E	1
SOCKUB02	2E	2
SOCKUB04	2E	4
SOCKUCMP	2E	8
SOCKUCR#	50	
SOCKUHST	70	
SOCKUJB#	4C	
SOCKUJBI	3C	
SOCKUJBN	34	
SOCKUJRC	19	
SOCKUJRI	170	FF
SOCKUJSM	2F	
SOCKUJTI	170	FF
SOCKUJTR	18	
SOCKUORC	1B	
SOCKUORN	58	
SOCKUOTR	1A	
SOCKUOWN	44	
SOCKUPDL	0	
SOCKUPDT	0	
SOCKUPEN	170	180
SOCKUPJR	2E	40

Table 61. Cross Reference for IATYTCRQ (continued)

Name	Offset	Hex Tag
SOCKUPJS	2E	80
SOCKUPND	1C	
SOCKUPNM	2	
SOCKUPNV	24	
SOCKUPPG	A	5
SOCKUPRI	31	
SOCKUPSI	A	
SOCKUPSR	2E	10
SOCKUPSS	2E	20
SOCKUPSZ	170	180
SOCKUPTY	2E	
SOCKURV1	B	
SOCKURV2	C	
SOCKURV3	30	
SOCKURV4	32	
SOCKURV5	60	
SOCKURV6	16F	
SOCKURV7	170	
SOCKUSRI	170	FF
SOCKUSTI	170	FF
SOCKUTR#	54	
TCIFREND	3	7
TCIFRSIZ	3	7
TCILEN	0	
TCINODE	3	
TCIREND	3	6B
TCIRLEN	0	
TCIRNFND	3	
TCIRNJEE	3	
TCIRSIZE	3	6B
TCIRSTRT	0	
TCISCOVR	2	1
TCISCVER	2	1
TCISIVER	2	1
TCISOIVR	2	1
TCISOVER	2	
TCISTART	0	
TCISVER	2	
TCRQCANT	20	9
TCRQCNSV	20	4
TCRQCSOC	20	2
TCRQCVER	21	1
TCRQDATA	24	
TCRQDATX	24	
TCRQEITN	20	11
TCRQEITR	20	8

Table 61. Cross Reference for IATYTCRQ (continued)

Name	Offset	Hex Tag
TCRQEJTN	20	F
TCRQEJTR	20	6
TCRQEND	24	
TCRQEVTN	20	13
TCRQEVTR	20	C
TCRQEYE	8	
TCRQFUNC	20	
TCRQHSOC	20	14
TCRQIVER	21	1
TCRQLEN	C	
TCRQNEXT	0	
TCRQNJET	20	A
TCRQNMRT	20	D
TCRQNNAM	10	
TCRQPREV	4	
TCRQRNSV	20	3
TCRQRSV1	22	
TCRQSITN	20	10
TCRQSITR	20	7
TCRQSIZE	24	24
TCRQSJTN	20	E
TCRQSJTR	20	5
TCRQSNAM	18	
TCRQSSOC	20	1
TCRQSTRT	0	
TCRQSVTN	20	12
TCRQSVTR	20	B
TCRQVERS	21	

IATYTSWK information

IATYTSWK programming interface information

IATYTSWK is a programming interface.

IATYTSWK heading information

Common name:	COMMON WORK AREA AND PARAMETER LIST FOR MODULES
Macro ID:	IATYTSWK
DSECT name:	TSWORK TSWTRCMN OLD
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None (MOD=PURG/SICN/SIOP/SIST/SIVL)
Storage attributes:	Auxiliary Storage: N/A Subpool: 0 (JESPOOL) Key: 1 (JESKEY) Residency: PRIVATE ANY
Size:	TSGMSIZE, TSWTRSZ, OLDSIZE

Created by:		IATPURG, IATSICN, IATSIES, IATSIOP, IATSISO, IATSIST, IATSIVL				
Pointed to by:		WSPSTA				
Serialization:		NONE				
Function:		This macro maps the work, reply and request areas used by users of the JES3 Status, Cancel, Validate and Output (includes 'TSO' Output and external writer) processing routines. It also maps areas used by Extended Status and SAPI.				

IATYTSWK mapping

Table 62. Structure TSWORK

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	TSWORK	
0	(0)	DBL WORD	8	TSDATA	Data work area
8	(8)	SIGNED	4	TSWRK1	Data work area
12	(C)	SIGNED	4	TSWRK2	Data work area
16	(10)	SIGNED	4	TSSAVE(18)	Module save area
88	(58)	SIGNED	4	TSMBASE	Module base saved for ESTAE
88	(58)	X'18'	0	TSCSAV01	"24,4" Offset to register one in caller's save area
88	(58)	X'14'	0	TSSAVE13	"TSSAVE+4" Caller's save area
TSSTAEPM ESTAE MF=L					
92	(5C)	SIGNED	4	(0)	
92	(5C)	ADDRESS	1	TSSTAEPM	FLAGS FOR TCB,PURGE,ASYNCH, AND CANCEL
93	(5D)	ADDRESS	3		FIELD NO LONGER USED
96	(60)	ADDRESS	4		PARM. LIST ADDR. NOT SPECIFIED
100	(64)	ADDRESS	4		TCB NOT SPECIFIED
104	(68)	ADDRESS	1		FLAGS
105	(69)	ADDRESS	1		THIRD FLAG BYTE
106	(6A)	ADDRESS	2		RESERVED
108	(6C)	ADDRESS	4		TOKEN VALUE AREA
112	(70)	ADDRESS	4		EXIT ADDR NOT SPECD
116	(74)	SIGNED	4	TSECB	SSISERV ECB
120	(78)	BITSTRING	112	TSSEL	Service Entrance List
232	(E8)	BITSTRING	1	TSKEY	Saved key of caller
233	(E9)	CHARACTER	1	TSRSVD3	Reserved for IBM
234	(EA)	CHARACTER	4	TSSRESI	Reserved for service
240	(F0)	SIGNED	2	TSREQLEN	Length of area
240	(F0)	X'F0'	0	TSREQST	"TSREQLEN" Request/Reply
Any changes to the offsets of the following fields/flags will necessitate changes to the receiving module on the JES3 Global. This will warrant a complex wide IPL....so be careful!!					
242	(F2)	CHARACTER	8	TSJMRUID	Userid from JMR

Table 62. Structure TSWORK (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
250	(FA)	CHARACTER	4	TSJMRCID	CPU id from JMR
254	(FE)	CHARACTER	4	TSJMRRST	Reader start time
258	(102)	CHARACTER	4	TSJMRRSD	Reader start date
262	(106)	BITSTRING	1	TSFLAGS	Flags
		Definition of TSFLAGS			
		1...		TSTSOREQ	"X'80'" Requestor is TSO memory
		.1..		TSPURREQ	"X'40'" Requestor is JES3 PURGE
		..1.		TSRECURS	"X'20'" ESTAE recursion indicator
		...1		TSFPTKMP	"X'10'" Footprint for TOKENMAP
		.... 1...		TSACEREQ	"X'08'" Requestor has ACEE id
		X'04' (Large multiple SA support) X'02' (First segment indicator) X'01' (Last segment indicator)			
264	(108)	BITSTRING	1	TSPWSP	IATYWSP in its entirety
264	(108)	X'76'	0	TSWSP	"STADATA+24"
624	(270)	BITSTRING	1	TSSSOB(0)	SSOB header and extension
624	(270)	X'180'	0	TSLSTSIZ	"*-TSREQST" Size of fixed request/ reply area
624	(270)	X'270'	0	TSGMSIZE	"*-TSWORK" Work area length

Table 63. Structure TSWTRCMN

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	TSWTRCMN	
0	(0)	SIGNED	4	TSWTRECB	Wait for work ECB
4	(4)	CHARACTER	4	TSWTRRST	Start time
8	(8)	CHARACTER	4	TSWTRRSP	Start date
12	(C)	CHARACTER	8	TSWUSRID	Owner of output processed
20	(14)	CHARACTER	4	TSWTRCPU	CPUID of owning job
24	(18)	BITSTRING	4	TSWTFLGS	Parameter list flags
28	(1C)	SIGNED	4	TSWTTCB	TCB for address space
32	(20)	SIGNED	4	TSWTASCB	ASCB for address space
32	(20)	X'18'	0	TSWTFLG1	"TSWTFLGS+0" First flag byte
		1...		TSWTCLUP	"X'80'" Reply exit cleanup needed
		.1..		TSWTRPLY	"X'40'" Issue SSISERV TYPE=REPLY
32	(20)	X'24'	0	TSWTRSZ	"*-TSWTRECB" Parm list length

Table 64. Cross Reference for IATYTSWK

Name	Offset	Hex Tag
TSACEREQ	106	8
TSCSAV01	58	18
TSDATA	0	
TSECB	74	
TSFLAGS	106	0
TSFPTKMP	106	10

Table 64. Cross Reference for IATYTSWK (continued)

Name	Offset	Hex Tag
TSGMSIZE	270	270
TSJMRCID	FA	
TSJMRRSD	102	
TSJMRRST	FE	
TSJMRUID	F2	
TSKEY	E8	
TSLSTSIZ	270	180
TSMBASE	58	
TSPURREQ	106	40
TSPWSP	108	
TSRECURS	106	20
TSREQLEN	F0	
TSREQST	F0	F0
TSRSVD3	E9	
TSSAVE	10	
TSSAVE13	58	14
TSSEL	78	
TSSRESI	EA	
TSSSOB	270	
TSSTAEPM	5C	
TSTSOREQ	106	80
TSWORK	0	
TSWRK1	8	
TSWRK2	C	
TSWSP	108	76
TSWTASCB	20	
TSWTCLUP	20	80
TSWTFLGS	18	
TSWTFLG1	20	18
TSWTRCMN	0	
TSWTRCPU	14	
TSWTRECB	0	
TSWTRPLY	20	40
TSWTRRSP	8	
TSWTRRST	4	
TSWTRSZ	20	24
TSWTTCB	1C	
TSWUSRID	C	

IATYTVT information

IATYTVT programming interface information

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

- AASPMAP
- ABACKR

- ABENDAPG
- ABLOCK
- ACLOSE
- ACONCONS
- ACONSBCB
- ACONSRMT
- ACTLTRAP
- ADEBLOCK
- ADELETE
- ADEQ
- ADLTABLE
- AENQ
- AFDADD
- AFDDELET
- AFDFIND
- AGETBUF
- AGETMAIN
- AIATINIT
- AINTDATA
- AIOFDLST
- AIOFDTOP
- ALOAD
- ALOCATE
- ANJECHKS
- ANJECNSQ
- ANJESRCH
- ANJETBL
- ANOTE
- AOPEN
- AOPEND
- APAR
- APOINT
- APURGE
- APUTBUF
- APUTMAIN
- ARELEASE
- ARETNAD
- ASAVE
- ASPABND0
- ASPECB
- ASYSIOSP
- ATEST
- ATIME

- ATRACK
- AWAITEP
- AWRITE
- BY
- CHENDAPG
- CKPTAREA
- CONCNJS
- CONCNVRT
- CONREVRT
- CONSAUTH
- DCTRAPS
- DELETED
- DEQMSG
- DEVSCAN
- DJCCKFDB
- DSPIG
- DYNALRTY
- DYNDYNP
- FAILDSP
- FINDJNUM
- FIRSTDEB
- GETUNIT
- IATXAMDV
- IATXCNS
- IATXCPYF
- IATXCSS
- IATXELA
- IATXELD
- IATXELS
- IATXERCV
- IATXFRQ
- IATXGOSE
- IATXIOX
- IATXIWT
- IATXJDS
- IATXJET
- IATXOSBM
- IATXOSPC
- IATXOSPM
- IATXOSSC
- IATXOSSO
- IATXOSWS
- IATXPOSE

- IATXPRMD
- IATXPRT
- IATXRABC
- IATXRABD
- IATXRABP
- IATXRELC
- IATXSCN1
- IATXSCN2
- IATXSIO
- IATXSMF
- IATXSPR
- IATXTRC
- INTERCOM
- JDSADD
- JDSBENRY
- JDSGET
- JDSHOLD
- JDSPOINT
- JDSPUT
- JDSREL
- JESCKPNT
- JESCLOSE
- JESEXCP
- JESMODLK
- JESMSG
- JESMSGRT
- JESOPEN
- JESREAD
- JESSNAP
- JESTAE
- JNADD
- JNCBHLD
- JNCBREL
- JNCBTOP
- JNDEL
- JNGET
- JNUMR
- JOBNALOC
- JOBNRTN
- JOBNSET
- JSERV
- JSSDADR
- JSSFCT

- JSSRETRN
- LINE
- LOGIN
- LOGOUT
- MCLASS
- MDSPARM
- MESSAGE
- MGROUP
- MLBCB
- MNTRKFDB
- MOVEDATA
- NCBTAADD
- NCBTAFND
- NCBTAGET
- NCBTAPUT
- NCBTAREL
- NCKADD
- NCKDEL
- OSGRJGET
- OSGRJPUT
- OSGRJREL
- OW36022
- PFKTABLE
- POSTSRS
- PRTAB
- PURCHAIN
- PUTUNIT
- RCLOSE
- RESTABLE
- RJPECB
- RJPIO
- RJPRTERM
- RJPSNAP
- RJPTAB
- ROPEN
- RQTAADD
- RQTADEL
- RQTAPUT
- SCTAB
- SETNAMES
- SPINOFF
- SRJPNDRA
- SRJPRSET

- SRJPRSRB
- SRJPRTRM
- SRJPSCTR
- SRJPSNDA
- SRJPSNDC
- SRJPSNDD
- SRJPSNDE
- SRJPSNDF
- SRJPSNDG
- SRJPSNDM
- SRJPSNDN
- SRJPSNDO
- SRJPSNDP
- SRJPSNDR
- SRJPSNDS
- SRJPSNDT
- SRJPSNDU
- SRJPSNDV
- SRJPSNFI
- SRJPSNFO
- SRJPSNFS
- SRJPSNJP
- SRJPSNLK
- SRJPSNLM
- SRJPSNPI
- SRJPSNPO
- SRJPSNSG
- SRJPSNST
- SRJPSQAN
- SRJPSRT
- SRJPSTQ
- SYSTAB
- SYSUNITS
- TCKFDB
- TESTSRS
- THIS
- TIDSNT
- TIHWST
- TIPARMS
- TPROCCHN
- TVABNGET
- TVJCTREL
- TVONLFDB

- TVTABMN
- TVTATCB
- TVTAUXT
- TVTBALJ
- TVTBALST
- TVTBDCDA
- TVTBSCT
- TVTBTR
- TVTCALNT
- TVTCIECB
- TVTCISCH
- TVTCL012
- TVTCNJST
- TVTCNTOR
- TVTCSF
- TVTCTVT
- TVTDFCB
- TVTDISK
- TVTDMCDE
- TVTDMCQ
- TVTDMDK
- TVTDSPIQ
- TVTDSPMO
- TVTDSP00
- TVTDSSCH
- TVTERRQ
- TVTERRWK
- TVTESTE6
- TVTEUDTA
- TVTFDCPB
- TVTFSECB
- TVTFSEPL
- TVTFSEPN
- TVTFSEPS
- TVTFSL
- TVTFSLG
- TVTFSRC
- TVTFSS
- TVTFSSAB
- TVTFSSAM
- TVTFSSAR
- TVTFSSCK
- TVTFSSCL

- TVTFSSFD
- TVTFSSFP
- TVTFSSFS
- TVTFSSRS
- TVTFSSST
- TVTGMS1
- TVTGROCO
- TVTGRSM1
- TVTIFCAD
- TVTINPUT
- TVTIOPRM
- TVTIQECA
- TVTIRA
- TVTITKPM
- TVTJADAD
- TVTJBTS
- TVTJBTXP
- TVTJDEQ
- TVTJMF
- TVTJMQA
- TVTJNCHN
- TVTJNFND
- TVTJQEDQ
- TVTJQENQ
- TVTJQX
- TVTJSSDA
- TVTJ3PST
- TVTLDAAD
- TVTLPJ3
- TVTMAPRJ
- TVTMDSRD
- TVTMEMD
- TVTMSMI
- TVTMSPAT
- TVTMSU
- TVTNOTFY
- TVTNUCT
- TVTOSDIE
- TVTOSFP
- TVTOUTPT
- TVTPBITL
- TVTPDAAD
- TVTPSSCH

- TVTPTATS
- TVTPTCAD
- TVTPTCKP
- TVTRAP
- TVTRETNT
- TVTRQCAD
- TVTRTAB
- TVTSAFCL
- TVTSDEAD
- TVTSMFCH
- TVTSNECB
- TVTSNFDB
- TVTSNPNA
- TVTSOCK
- TVTSPCK
- TVTSPDEF
- TVTSPINT
- TVTSPLST
- TVTSPPCH
- TVTSTAD
- TVTSTECB
- TVTSTMD
- TVTSTTAL
- TVTSTTBD
- TVTSTTBL
- TVTSTTPG
- TVTSTTSR
- TVTSVLST
- TVTTAWK
- TVTTGBAD
- TVTTGBUP
- TVTTRC2
- TVTVIOPM
- TVTVPTH
- TVTWROSE
- TVTXATDE
- TVTXBPL
- TVTXCKPT
- TVTXCNDB
- TVTXDPL
- TVTXGCL
- TVTXJCT
- TVTXJLOK

- TVTXJQE

- TVTXRCL

- TVTXSQE

- TVTXTOD

- VATAFCT

- VGETFCT

- VGETRSQ

- WRTCHAIN

- WTDQUE

- ZEROCORE

- 0008

- 07081SXA

- 2#0008

IATYTVT heading information

Common name:	TRANSFER VECTOR TABLE
Macro ID:	IATYTVT
DSECT name:	IATGRVT (TVTABLE or alternate name 0041 supplied by calling module) 0041
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	IATGRVT (in JES3 address space), IATGRVTF (in C/I FSS address space) Offset: TVTID Length: 8
Storage attributes:	Main Storage: JES3 PRIVATE AREA and FSS PRIVATE AREA Auxiliary Storage: CHECKPOINTED FROM TVTINSAV TO TVTEND AT INITIALIZATION TIME
Size:	1st Section: 29 bytes. 2nd Section: 3384 bytes.
Created by:	IATGRVT
Pointed to by:	Register 12, SVTTVT in IATYSVT, SSCTSUSE in IEFJSCVT, BALTVT in FSS BALJ'S, FCTTVPTR in IATYFCT
Serialization:	NONE
Function:	Contains the JES3 master internal communications table for JES3 and address spaces using FSS alternate NUCLEUS support. NOTE: There are two sections of the TVT which you must pay attention to when updating the TVT. 1) The first section is the entry points section (from label TVTEPST to TVTEPE). The first set of entry points (TVTEPST - TVTEPS) are routines which are not counted by the iteration counter utility (module IATUTIC). The second set of entry points (TVTEPCST - TVTEPE) are counted by the iteration counter. Any changes in this section must also be made in the entry point section in module IATUTIC. The next section of the TVT to be concerned with is from label TVTINSAV to TVTEND. This section contains standard values, default values, and constants which are checkpointed during initialization (see RESTRICTIONS).

IATYTVT mapping

Table 65. 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	

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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	

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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.	

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
100	(64)	ADDRESS	4	TVTFTVT	"V(IATGRVTX)" Address of TVTX module

Table 65. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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
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	TVTRSTFLG	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

Table 65. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		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
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

Table 65. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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
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

Table 65. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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

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.

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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

Table 65. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		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
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

Table 65. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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
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

Table 65. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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
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

Table 65. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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
		.... 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

Table 65. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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
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

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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

Table 65. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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
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

Table 65. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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
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

Table 65. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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
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

Table 65. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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
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

Table 65. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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
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

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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

Table 65. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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
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			

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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

Table 65. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		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
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			

Table 65. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		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
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

Table 65. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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
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.

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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

Table 65. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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
		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

Table 65. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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
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

Table 65. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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
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

Table 65. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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
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

Table 65. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... ..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)
		...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

Table 65. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		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
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

Table 65. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		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
		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

Table 65. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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
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

Table 65. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		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
		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

Table 65. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..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
				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

Table 65. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.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					
		.... .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

Table 65. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		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
		.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

Table 65. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		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"
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

Table 65. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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
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

Table 65. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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
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			

Table 65. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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
		.... .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

Table 65. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description

```
        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)
```

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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"
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"

Table 65. Structure IATGRVT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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 66. 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
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

Table 66. Structure IATYTVTX (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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
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

Table 66. Structure IATYTVTX (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		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)"
		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.			

Table 66. Structure IATYTVTX (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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.			
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)"

Table 66. Structure IATYTVTX (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		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)"
		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

Table 66. Structure IATYTVTX (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		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 67. 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
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

Table 67. Structure IATYTVTC (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
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:;
```

Table 67. Structure IATYTVTC (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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 68. Cross Reference for IATYTVT

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
ACTLTRAP	388	
ADEBLOCK	38C	
ADELETE	390	
ADEQ	394	
ADLTABLE	D0	
AENQ	394	394
AFDADD	398	
AFDDELET	39C	
AFDFIND	3A0	
AFGABNUM	B7C	0

Table 68. Cross Reference for IATYTVT (continued)

Name	Offset	Hex Tag
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	
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

Table 68. Cross Reference for IATYTVT (continued)

Name	Offset	Hex Tag
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
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

Table 68. Cross Reference for IATYTVT (continued)

Name	Offset	Hex Tag
DECFBTR	BE0	1
DECFDR	BE0	10
DECFER	BE0	20
DECFIO	BE0	80
DECFSEC	BE0	8
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	
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	

Table 68. Cross Reference for IATYTVT (continued)

Name	Offset	Hex Tag
DUMYCNDB	48	
DYNALOC	BCD	80
DYNALRTY	428	
DYNCDD	BCD	20
DYNDYNP	100	
DYNECF	BCD	0
DYNINIT	BCD	10
DYNRALOC	BCD	8
DYNSAMSK	BCD	E8
DYNUNAL	BCD	40
EFTOP	E0	
FAILDSP	4C	
FCT	DB8	6
FCTACTIV	E4	
FCTLAST	1E4	
FCTTOP	30	
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	
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	

Table 68. Cross Reference for IATYTVT (continued)

Name	Offset	Hex Tag
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
INTERCOM	48C	
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	
JDSPUT	4A4	
JDSREL	4A8	
JESCKPNT	4B8	
JESCLOSE	4AC	
JESEXCP	4B4	
JESKEY	22C	0
JESMODLK	4C0	
JESMSG	4C4	

Table 68. Cross Reference for IATYTVT (continued)

Name	Offset	Hex Tag
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	
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	

Table 68. Cross Reference for IATYTVT (continued)

Name	Offset	Hex Tag
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
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

Table 68. Cross Reference for IATYTVT (continued)

Name	Offset	Hex Tag
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	
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	

Table 68. Cross Reference for IATYTVT (continued)

Name	Offset	Hex Tag
RQTADEL	568	
RQTAPUT	56C	
RQTOP	17C	
RQWTRTOP	80C	
RSCFCT	DB8	C
RSCNOFCT	DB8	8
RSCNOWAT	DB8	0
RSCTFCT	DB8	14
RSCTTEST	DB8	10
RSCTWAIT	DB8	18
RSCWAIT	DB8	4
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
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

Table 68. Cross Reference for IATYTVT (continued)

Name	Offset	Hex Tag
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	
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

Table 68. Cross Reference for IATYTVT (continued)

Name	Offset	Hex Tag
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
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	

Table 68. Cross Reference for IATYTVT (continued)

Name	Offset	Hex Tag
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
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

Table 68. Cross Reference for IATYTVT (continued)

Name	Offset	Hex Tag
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	
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

Table 68. Cross Reference for IATYTVT (continued)

Name	Offset	Hex Tag
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
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

Table 68. Cross Reference for IATYTVT (continued)

Name	Offset	Hex Tag
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
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

Table 68. Cross Reference for IATYTVT (continued)

Name	Offset	Hex Tag
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	
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

Table 68. Cross Reference for IATYTVT (continued)

Name	Offset	Hex Tag
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
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

Table 68. Cross Reference for IATYTVT (continued)

Name	Offset	Hex Tag
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
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

Table 68. Cross Reference for IATYTVT (continued)

Name	Offset	Hex Tag
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
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	

Table 68. Cross Reference for IATYTVT (continued)

Name	Offset	Hex Tag
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	
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	

Table 68. Cross Reference for IATYTVT (continued)

Name	Offset	Hex Tag
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
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

Table 68. Cross Reference for IATYTVT (continued)

Name	Offset	Hex Tag
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
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

Table 68. Cross Reference for IATYTVT (continued)

Name	Offset	Hex Tag
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
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

Table 68. Cross Reference for IATYTVT (continued)

Name	Offset	Hex Tag
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
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	

Table 68. Cross Reference for IATYTVT (continued)

Name	Offset	Hex Tag
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
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

Table 68. Cross Reference for IATYTVT (continued)

Name	Offset	Hex Tag
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	
TVTXENF	288	
TVTXEWRK	290	
TVTXE7SW	298	
TVTXGCL	54	
TVTXGCTB	244	
TVTXGENF	110	
TVTXGGSM	264	
TVTXGITB	248	
TVTXGNTB	24C	
TVTXGPDS	114	
TVTXGSG	BC	
TVTXGSRQ	258	

Table 68. Cross Reference for IATYTVT (continued)

Name	Offset	Hex Tag
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	
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

Table 68. Cross Reference for IATYTVT (continued)

Name	Offset	Hex Tag
VATAFCT	63C	
VGETFCT	640	
VGETRSQ	644	
WARMSTRT	9F	40
WRTCHAIN	648	
WTD	DB8	5
WTDQUE	1D0	
XCFDEFGP	9AC	40404040
XCFGRPNM	9A4	40404040
ZEROCORE	64C	

IATYTVTC information

IATYTVTC heading information

Common name:	Checkpointed extension of the TVT
Macro ID:	IATYTVTC
DSECT name:	IATYTVTC --TVT Checkpointed extension
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	TVTCEYE Offset: 36 Length: 28 Language: PL/X
Storage attributes:	Main Storage: 2318 Virtual Storage: 2318 Auxiliary Storage: 2318 Subpool: 251 Key: 1 Data Space: N/A Residency: any Frequency: one per system
Size:	2318
Created by:	IATGRVTC
Pointed to by:	IATYTVT (Field TVTCTVT)
Serialization:	none
Function:	The TVT checkpointed extension is an extension of the TVT that can be accessed from non-source maintained modules. 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. The data in this extension is checkpointed across a restart.

IATYTVTC mapping

Table 69. 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

Table 69. Structure IATYTVTC (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 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
```

```
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
```

Table 69. Structure IATYTVTC (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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 70. Cross Reference for IATYTVTC

Name	Offset	Hex Tag
IATYTVTC	0	
IATYTVTC_LEN	90E	90E
TVTCBDTM	B0	
TVTCEYE	24	E3E5E340
TVTCFTVT	48	
TVTCID	0	C9C1E3E8
TVTCLEN	4C	
TVTCNJEM	50	
TVTCRD01	10E	
TVTCRD02	20E	
TVTCRD03	30E	

Table 70. Cross Reference for IATYTVTC (continued)

Name	Offset	Hex Tag
TVTCRD04	40E	
TVTCRS01	50E	
TVTCRS02	60E	
TVTCRS03	70E	
TVTCRS04	80E	
TVTCVERS	40	
TVTC313	80E	1
TVTTVTC	44	

IATYTVTX information

IATYTVTX programming interface information

ONLY the following field is part of the programming interface information:

- DUMYCNDB

IATYTVTX heading information

Common name:	Fixed extension of TVT
Macro ID:	IATYTVTX
DSECT name:	IATYTVTX --Fixed TVT extension
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	TVTF_EYE_CATCHER Offset: 36 Length: 20 Language: PL/X
Storage attributes:	Main Storage: 220 Virtual Storage: 220 Auxiliary Storage: 220 Subpool: 251 Key: 1 Data Space: N/A Residency: any Frequency: one per system
Size:	220
Created by:	IATGRVTX
Pointed to by:	IATYTVT (Field TVTFTVT)
Serialization:	none
Function:	The TVT fixed extension is an extension of the TVT that can be accessed from non-source maintained modules. 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.

IATYTVTX mapping

Table 71. 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
```

Table 71. Structure IATYTVTX (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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.

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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

Table 71. Structure IATYTVTX (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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)"
		Address of the WLM Job Select routine in IATMSWLC.			

Table 71. Structure IATYTVTX (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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.			
580	(244)	ADDRESS	4	TVTXGCTB	"V(TBEJPCST)"

Table 71. Structure IATYTVTX (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
					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)"
					Address of IATGR83N Network/Lines Information processing routine. Only used on the global.

Table 71. Structure IATYTVTX (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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 72. Cross Reference for IATYTVTX

Name	Offset	Hex Tag
AHED_ANCHOR	CC	
AHED_FREE	D4	
AHED_SEQUENCE	C8	0
AHED_TOTAL	D0	
DUMYCNDB	48	
IATYTVTX	0	
IATYTVTX_LEN	2A4	2A8
TVTF_EYE_CATCHER	24	E3E5E340

Table 72. Cross Reference for IATYTVTX (continued)

Name	Offset	Hex Tag
TVTFCTVT	40	
TVTFID	0	C9C1E3E8
TVTFLEN	44	
TVTFVERS	38	
TVTF313	140	1
TVTF511	140	2
TVTTVTF	3C	
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	
TVTXATR	140	
TVTXCS03	D8	
TVTXCS06	DC	
TVTXCS07	E0	
TVTXCS08	E4	
TVTXCS09	E8	
TVTXCS10	EC	
TVTXCS11	F0	
TVTXCS12	F4	
TVTXDELY	10C	
TVTXECTL	290	0
TVTXEFRW	294	
TVTXENF	288	
TVTXEWRK	290	
TVTXE7SW	298	
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	
TVTXJDTB	268	
TVTXJFCT	2A4	0

Table 72. Cross Reference for IATYTVTX (continued)

Name	Offset	Hex Tag
TVTXJFRW	2A0	
TVTXJNF	29C	
TVTXJSPC	120	
TVTXJXGT	C0	
TVTXM702	A8	
TVTXM703	AC	
TVTXPLXI	26C	
TVTXRJPC	F8	
TVTXSCSV	108	
TVTXSSCR	138	
TVTXSSEV	B4	
TVTXSST	B0	
TVTXSSTB	B8	
TVTXSTTM	284	
TVTXWCLF	100	
TVTXWDSL	11C	
TVTXWLM	FC	
TVTXWSEL	118	
TVTXWSRV	104	
TVTX83C	270	
TVTX83D	274	
TVTX83N	278	
TVTX83P	27C	
TVTX83R	280	

IATYT35 information

IATYT35 heading information

Common name:	JES3 SVC 35 CONTROL BLOCK
Macro ID:	IATYT35
DSECT name:	T35START
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Auxiliary Storage: N/A Subpool: 253
Size:	T35FXSIZ
Created by:	IATSIWO
Pointed to by:	STADATA in IATYSTA
Serialization:	NONE

| | Function: | THIS CONTROL BLOCK MAPS THE JES3 SVC 35 DATA AREA THAT IS SENT VIA SSISERV TO THE GLOBAL. IT CONTAINS INFORMATION THAT IS NEEDED BY THE CONSERV DSP ON THE GLOBAL TO PROCESS THE MESSAGE. |

Function: THIS CONTROL BLOCK MAPS THE JES3 SVC 35 DATA AREA THAT IS SENT VIA SSISERV TO THE GLOBAL. IT CONTAINS INFORMATION THAT IS NEEDED BY THE CONSERV DSP ON THE GLOBAL TO PROCESS THE MESSAGE.

Most messages processed by IATSIWO via the WTO/WTOR SSI do not get sent to the global. A message will be sent to the global if one or more of the following are true:

(1) The message requires special message processing to be performed in the global. For example, the message is a request to mount a specific volume on a JES3 managed device. The information such as the device number and volser will be sent to the global so that MDS can update its internal tables to indicate which volume is mounted on the device.

(2) User exit 69 has requested that the message be sent to the global for processing by user exit 70. This is necessary if the installation needs to access JES3 global only control blocks in order to process the message.

IATYT35 mapping

Table 73. Structure T35START

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	T35START	
0	(0)	SIGNED	2	T35TOTLN	Total length for SSISERV
2	(2)	BITSTRING	1	T35RSVD	Reserved for development
3	(3)	BITSTRING	1	T35VERSN	Version number
3	(3)	X'1'	0	T35220	"1" Version for HJS2220
3	(3)	X'2'	0	T35421	"2" Version for HJS4421
3	(3)	X'3'	0	T35521	"3" Version for HJS5521
3	(3)	X'3'	0	T35CVID	"T35521" Current version
4	(4)	CHARACTER	4	T35NAME	Control block id
		Message Processing Flags.			
8	(8)	BITSTRING	1	T35FLAG1	Flag one
		Definition of T35FLAG1. Bit settings correspond to YUX69TYP and YUX70TYP.			
		1...		T35SINGL	"X'80'" Single line WTO
		.1..		T35MAJOR	"X'40'" Major line of multi-line WTO
		..1.		T35WTOR	"X'20'" WTOR
		...1		T35CMD	"X'10'" Message is a command
		.... 1...		T35WTREP	"X'08'" Message is a WTOR reply
		.... .1..		T35MINOR	"X'04'" Minor line of multi-line WTO
		.... ..1.		T35ACTN	"X'02'" Action message
		1		T35RS101	"X'01'" Reserved flag
9	(9)	BITSTRING	1	T35FLAG2	Flag two
		Definition of T35FLAG2			
		1...		T35SEXIT	"X'80'" Message sent for user exit 70 processing
		.1..		T35JESMG	"X'40'" Message is eligible for JESMSG

Table 73. Structure T35START (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		T35BOXED	"X'20'" Device is boxed
		...1		T35RS210	"X'10'" Reserved flag
		.... 1...		T35RS208	"X'08'" Reserved flag
		.... .1..		T35RS204	"X'04'" Reserved flag
		.... ..1.		T35RS202	"X'02'" Reserved flag
		1		T35RS201	"X'01'" Reserved flag
10	(A)	BITSTRING	1	T35MLFLG	Multi-Line Message Flag
		Definition of T35MLFLG (corresponds to multi-line flag in WQE).			
		1...		T35MLCON	"X'80'" Control Line
		.1..		T35MLLAB	"X'40'" Label Line
		..1.		T35MLDAT	"X'20'" Data Line
		...1		T35MLENL	"X'10'" End Line
11	(B)	BITSTRING	1	T35CNFLG	CONSERV Work Flag
		Definition of T35CNFLG.			
		1...		T35JSPLT	"X'80'" Message text split by CNSV
		.1..		T35JSEG1	"X'40'" JESMSG issued for 1st segment
		Information about the WTO/WTOR and issuer (for serviceability purposes only).			
12	(C)	SIGNED	2	T35ASID	Asid
16	(10)	ADDRESS	4	T35TCB	Job step TCB address
20	(14)	CHARACTER	8	T35JOBID	Job id
28	(1C)	CHARACTER	8	T35JOBNM	Job name
36	(24)	CHARACTER	8	T35SYSNM	Originating system name
44	(2C)	BITSTRING	8	T35KEY	Retrieval key
52	(34)	SIGNED	4	T35TOKEN	Token
56	(38)	SIGNED	4	T35SEQ#	Sequence number (DOM/Connect ID)
60	(3C)	BITSTRING	2	T35DESC	Descriptor codes
		Special Message Processing Information. The information that follows is used by the special message processing routes in IATCNSV. These routines perform certain actions based on information in a message such as automatically responding to a request to verify a printer train.			
62	(3E)	BITSTRING	3	T35INDEX(0)	Area for msg table indicies
62	(3E)	BITSTRING	1	T35INDX1	First message index - index to device number
63	(3F)	BITSTRING	1	T35INDX2	Second message index
64	(40)	BITSTRING	1	T35SVRTN	Branch constant for IATCNSV
65	(41)	BITSTRING	1	T35RSVS2	Reserved for service
66	(42)	CHARACTER	4	T35DEVNO	Device number associated with the message

Table 73. Structure T35START (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
70	(46)	BITSTRING	1	T35ACLUD	ACL status update byte (from UCBTFL1) - indicates the status of the automatic cartridge loader: X'08' - Indicates feature us installed on device X'0C' - Indicates feature is installed and contains tapes
71	(47)	BITSTRING	1	T35MEDIA	Device's media type
		Fields for JESMSG processing in IATCNSV.			
72	(48)	BITSTRING	1	T35TXTJ1	For JESMSG split by IATCNSV, length of first segment
73	(49)	BITSTRING	1	T35TXTJ2	For JESMSG split by IATCNSV, length of second segment
		Message Length and Text			
74	(4A)	BITSTRING	1	T35TXTLN	Length of message text
75	(4B)	CHARACTER	128	T35TEXT	Message text
75	(4B)	X'4B'	0	T35ACTCH	"T35TEXT,1" Action character or blank
75	(4B)	X'4C'	0	T35REPID	"T35TEXT+1" Start of variable length reply id
203	(CB)	BITSTRING	1	T35REPLN	Reply id length or zero
		Major Line Length and Text - Used when sending the minor line of a multi-line message to the global for exit processing.			
204	(CC)	BITSTRING	1	T35TXTML	Major line text length
205	(CD)	CHARACTER	128	T35TEXTM	Text of major line
		End of T35.			
336	(150)	DBL WORD	8	T35FXEND(0)	End of T35
336	(150)	X'150'	0	T35FXSIZ	"T35FXEND-T35START" Size of T35

Table 74. Cross Reference for IATYT35

Name	Offset	Hex Tag
T35ACLUD	46	
T35ACTCH	4B	4B
T35ACTN	8	2
T35ASID	C	
T35BOXED	9	20
T35CMD	8	10
T35CNFLG	B	
T35CVID	3	3
T35DESC	3C	
T35DEVNO	42	
T35FLAG1	8	
T35FLAG2	9	
T35FXEND	150	
T35FXSIZ	150	150
T35INDEX	3E	
T35INDX1	3E	

Table 74. Cross Reference for IATYT35 (continued)

Name	Offset	Hex Tag
T35INDX2	3F	
T35JESMG	9	40
T35JOBID	14	
T35JOBNM	1C	
T35JSEG1	B	40
T35JSPLT	B	80
T35KEY	2C	
T35MAJOR	8	40
T35MEDIA	47	
T35MINOR	8	4
T35MLCON	A	80
T35MLDAT	A	20
T35MLENL	A	10
T35MLFLG	A	
T35MLLAB	A	40
T35NAME	4	
T35REPID	4B	4C
T35REPLN	CB	
T35RSVD	2	
T35RSVS2	41	
T35RS101	8	1
T35RS201	9	1
T35RS202	9	2
T35RS204	9	4
T35RS208	9	8
T35RS210	9	10
T35SEQ#	38	
T35SEXIT	9	80
T35SINGL	8	80
T35START	0	
T35SVRTN	40	
T35SYSNM	24	
T35TCB	10	
T35TEXT	4B	
T35TEXTM	CD	
T35TOKEN	34	
T35TOTLN	0	
T35TXTJ1	48	
T35TXTJ2	49	
T35TXTLN	4A	
T35TXTML	CC	
T35VERSN	3	
T35WTOR	8	20
T35WTREP	8	8
T35220	3	1
T35421	3	2

Table 74. Cross Reference for IATYT35 (continued)

Name	Offset	Hex Tag
T35521	3	3

IATYUXL information

IATYUXL programming interface information

IATYUXL is a programming interface.

IATYUXL heading information

Common name:	USER EXIT ADDRESS LIST
Macro ID:	IATYUXL
DSECT name:	UXLSTART
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Main Storage: JES3 PRIVATE AREA Auxiliary Storage: NONE
Size:	371 bytes
Created by:	IATGRPT IATGRPTF
Pointed to by:	TVTUXL IN IATYTVT
Serialization:	N/A
Function:	Contains the user exit address list for loadable DSPs. Also contains a one byte flag for each user exit. The section starting at label UXDXDEF contains the entries for the JES3 user exits which are managed by the MVS Dynamic Exit facility. Each entry is generated by the IATXDXF macro. IATYDXF provides a mapping for the fields in each entry.

IATYUXL mapping

Table 75. Structure IATYUXL

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATYUXL	
0	(0)	CHARACTER	8	UXLNAM	NAME OF LIST
8	(8)	ADDRESS	4	UXLSTART(0)	START OF ADDRESSES
8	(8)	BITSTRING	4	UXL01	RESERVED FOR IATUX01 ENTRY
12	(C)	BITSTRING	4	UXL02	RESERVED FOR IATUX02 ENTRY 0046
16	(10)	CHARACTER	4	UXL03	IATUX03 ENTRY
20	(14)	CHARACTER	4	UXL04	IATUX04 ENTRY
24	(18)	CHARACTER	4	UXL05	IATUX05 ENTRY
28	(1C)	CHARACTER	4	UXL06	IATUX06 ENTRY
32	(20)	CHARACTER	4	UXL07	IATUX07 ENTRY
36	(24)	CHARACTER	4	UXL08	IATUX08 ENTRY
40	(28)	CHARACTER	4	UXL09	IATUX09 ENTRY
44	(2C)	CHARACTER	4	UXL10	IATUX10 ENTRY
48	(30)	CHARACTER	4	UXL11	IATUX11 ENTRY

Table 75. Structure IATYUXL (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
52	(34)	BITSTRING	4	UXL12	IATUX12 ENTRY
56	(38)	BITSTRING	4	UXL13	IATUX13 ENTRY
60	(3C)	CHARACTER	4	UXL14	IATUX14 ENTRY
64	(40)	CHARACTER	4	UXL15	IATUX15 ENTRY
68	(44)	BITSTRING	4	UXL16	RESERVED FOR IATUX16
72	(48)	CHARACTER	4	UXL17	IATUX17 ENTRY
76	(4C)	CHARACTER	4	UXL18	IATUX18 ENTRY
80	(50)	CHARACTER	4	UXL19	IATUX19 ENTRY
84	(54)	CHARACTER	4	UXL20	IATUX20 ENTRY
88	(58)	CHARACTER	4	UXL21	IATUX21 ENTRY
92	(5C)	CHARACTER	4	UXL22	IATUX22 ENTRY
96	(60)	CHARACTER	4	UXL23	IATUX23 ENTRY
100	(64)	CHARACTER	4	UXL24	IATUX24 ENTRY
104	(68)	CHARACTER	4	UXL25	IATUX25 ENTRY
108	(6C)	BITSTRING	4	UXL26	IATUX26 ENTRY
112	(70)	CHARACTER	4	UXL27	IATUX27 ENTRY
116	(74)	CHARACTER	4	UXL28	IATUX28 ENTRY
120	(78)	CHARACTER	4	UXL29	IATUX29 ENTRY
124	(7C)	CHARACTER	4	UXL30	IATUX30 ENTRY
128	(80)	BITSTRING	4	UXL31	RESERVED FOR IATUX31 ENTRY
132	(84)	BITSTRING	4	UXL32	IATUX32 ENTRY
136	(88)	CHARACTER	4	UXL33	IATUX33 ENTRY
140	(8C)	CHARACTER	4	UXL34	IATUX34 ENTRY
144	(90)	CHARACTER	4	UXL35	IATUX35 ENTRY
148	(94)	CHARACTER	4	UXL36	IATUX36 ENTRY
152	(98)	CHARACTER	4	UXL37	IATUX37 ENTRY
156	(9C)	CHARACTER	4	UXL38	IATUX38 ENTRY
160	(A0)	CHARACTER	4	UXL39	IATUX39 ENTRY
164	(A4)	CHARACTER	4	UXL40	IATUX40 ENTRY
168	(A8)	CHARACTER	4	UXL41	IATUX41 ENTRY
172	(AC)	CHARACTER	4	UXL42	IATUX42 ENTRY
176	(B0)	CHARACTER	4	UXL43	IATUX43 ENTRY
180	(B4)	CHARACTER	4	UXL44	IATUX44 ENTRY
184	(B8)	CHARACTER	4	UXL45	IATUX45 ENTRY
188	(BC)	CHARACTER	4	UXL46	IATUX46 ENTRY
192	(C0)	BITSTRING	4	UXL47	IATUX47 ENTRY
196	(C4)	CHARACTER	4	UXL48	IATUX48 ENTRY
200	(C8)	CHARACTER	4	UXL49	IATUX49 ENTRY
204	(CC)	CHARACTER	4	UXL50	IATUX50 ENTRY
208	(D0)	BITSTRING	4	UXL51	IATUX51 ENTRY #247
212	(D4)	BITSTRING	4	UXL52	IATUX52 ENTRY
216	(D8)	BITSTRING	4	UXL53	IATUX53 ENTRY
220	(DC)	BITSTRING	4	UXL54	IATUX54 ENTRY
224	(E0)	BITSTRING	4	UXL55	IATUX55 ENTRY
228	(E4)	BITSTRING	4	UXL56	Reserved for IATUX56

Table 75. Structure IATYUXL (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
232	(E8)	BITSTRING	4	UXL57	IATUX57 ENTRY (LOADED BY INSV)
236	(EC)	BITSTRING	4	UXL58	IATUX58 ENTRY
240	(F0)	BITSTRING	4	UXL59	IATUX59 ENTRY
244	(F4)	CHARACTER	4	UXL60	IATUX60 ENTRY
248	(F8)	CHARACTER	4	UXL61	IATUX61 ENTRY
252	(FC)	CHARACTER	4	UXL62	IATUX62 ENTRY
256	(100)	BITSTRING	4	UXL63	IATUX63 ENTRY (IATINIT) 0077
260	(104)	BITSTRING	4	UXL64	RESERVED FOR IATUX64 ENTRY
264	(108)	BITSTRING	4	UXL65	RESERVED FOR IATUX65 ENTRY
268	(10C)	CHARACTER	4	UXL66	IATUX66 ENTRY
272	(110)	CHARACTER	4	UXL67	IATUX67 ENTRY D016
276	(114)	CHARACTER	4	UXL68	IATUX68 Entry
280	(118)	BITSTRING	4	UXL69	IATUX69 ENTRY (Exit defined in dynamic list below)
284	(11C)	BITSTRING	4	UXL70	IATUX70 ENTRY (Exit defined in dynamic list below)
288	(120)	CHARACTER	4	UXL71	IATUX71 ENTRY
292	(124)	CHARACTER	4	UXL72	IATUX72 Entry
296	(128)	CHARACTER	4	UXL73	IATUX73 Entry
300	(12C)	SIGNED	4		LIST TERMINATOR
300	(12C)	X'49'	0	UXLMAX	"73" Maximum user exit number
304	(130)	ADDRESS	4	(3)	Reserved for IBM
		A MULTI-PURPOSE FLAG BYTE IS PROVIDED FOR EACH EXIT			
316	(13C)	BITSTRING	1	UXFLG1	FLAG RESERVED FOR USER EXIT 1
317	(13D)	BITSTRING	1	UXFLG2	FLAG RESV'D FOR USER EXIT 2 0046
318	(13E)	ADDRESS	1	UXFLG3	USER EXIT 3 FLAG
319	(13F)	ADDRESS	1	UXFLG4	USER EXIT 4 FLAG
320	(140)	ADDRESS	1	UXFLG5	USER EXIT 5 FLAG
321	(141)	ADDRESS	1	UXFLG6	USER EXIT 6 FLAG
322	(142)	ADDRESS	1	UXFLG7	USER EXIT 7 FLAG
323	(143)	ADDRESS	1	UXFLG8	FLAG FOR USER EXIT 8
324	(144)	ADDRESS	1	UXFLG9	FLAG FOR USER EXIT 9
325	(145)	ADDRESS	1	UXFLG10	USER EXIT 10 FLAG
326	(146)	ADDRESS	1	UXFLG11	USER EXIT 11 FLAG
327	(147)	BITSTRING	1	UXFLG12	FLAG FOR USER EXIT 12
328	(148)	BITSTRING	1	UXFLG13	FLAG FOR USER EXIT 13
		UX14 is not refreshable, it is a restart exit			
329	(149)	ADDRESS	1	UXFLG14	FLAG FOR USER EXIT 14
		UX15 is not refreshable, it is an initialization exit			
330	(14A)	ADDRESS	1	UXFLG15	FLAG FOR USER EXIT 15
331	(14B)	BITSTRING	1	UXFLG16	FLAG RESERVED FOR USER EXIT 16
332	(14C)	ADDRESS	1	UXFLG17	FLAG FOR USER EXIT 17
333	(14D)	ADDRESS	1	UXFLG18	USER EXIT 18 FLAG

Table 75. Structure IATYUXL (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
334	(14E)	ADDRESS	1	UXFLG19	FLAG FOR USER EXIT 19
335	(14F)	ADDRESS	1	UXFLG20	FLAG FOR USER EXIT 20
336	(150)	ADDRESS	1	UXFLG21	FLAG FOR USER EXIT 21
337	(151)	ADDRESS	1	UXFLG22	FLAG FOR USER EXIT 22
338	(152)	ADDRESS	1	UXFLG23	FLAG FOR USER EXIT 23
339	(153)	ADDRESS	1	UXFLG24	FLAG FOR USER EXIT 24
340	(154)	ADDRESS	1	UXFLG25	USER EXIT 25 FLAG
341	(155)	BITSTRING	1	UXFLG26	FLAG FOR USER EXIT 26
342	(156)	ADDRESS	1	UXFLG27	FLAG FOR USER EXIT 27
343	(157)	ADDRESS	1	UXFLG28	FLAG FOR USER EXIT 28
344	(158)	ADDRESS	1	UXFLG29	FLAG FOR USER EXIT 29
345	(159)	ADDRESS	1	UXFLG30	FLAG FOR USER EXIT 30
346	(15A)	BITSTRING	1	UXFLG31	FLAG FOR USER EXIT 31
347	(15B)	BITSTRING	1	UXFLG32	FLAG FOR USER EXIT 32
348	(15C)	ADDRESS	1	UXFLG33	FLAG FOR USER EXIT 33
349	(15D)	ADDRESS	1	UXFLG34	FLAG FOR USER EXIT 34
350	(15E)	ADDRESS	1	UXFLG35	FLAG FOR USER EXIT 35
		1		DEFNJE	"X'01'" DEFAULT NJE CHECKING (UX35)
351	(15F)	ADDRESS	1	UXFLG36	FLAG FOR USER EXIT 36
352	(160)	ADDRESS	1	UXFLG37	FLAG FOR USER EXIT 37
353	(161)	ADDRESS	1	UXFLG38	FLAG FOR USER EXIT 38
354	(162)	ADDRESS	1	UXFLG39	FLAG FOR USER EXIT 39
355	(163)	ADDRESS	1	UXFLG40	FLAG FOR USER EXIT 40
356	(164)	ADDRESS	1	UXFLG41	USER EXIT 41 FLAG
357	(165)	ADDRESS	1	UXFLG42	FLAG FOR USER EXIT 42
358	(166)	ADDRESS	1	UXFLG43	FLAG FOR USER EXIT 43
359	(167)	ADDRESS	1	UXFLG44	FLAG FOR USER EXIT 44
360	(168)	ADDRESS	1	UXFLG45	FLAG FOR USER EXIT 45
361	(169)	ADDRESS	1	UXFLG46	FLAG FOR USER EXIT 46
362	(16A)	BITSTRING	1	UXFLG47	FLAG FOR USER EXIT 47
363	(16B)	ADDRESS	1	UXFLG48	FLAG FOR USER EXIT 48
364	(16C)	ADDRESS	1	UXFLG49	FLAG FOR USER EXIT 49
365	(16D)	ADDRESS	1	UXFLG50	FLAG FOR USER EXIT 50
366	(16E)	BITSTRING	1	UXFLG51	FLAG FOR USER EXIT 51 #247
367	(16F)	BITSTRING	1	UXFLG52	FLAG FOR USER EXIT 52
368	(170)	BITSTRING	1	UXFLG53	FLAG FOR USER EXIT 53
369	(171)	BITSTRING	1	UXFLG54	FLAG FOR USER EXIT 54
370	(172)	BITSTRING	1	UXFLG55	FLAG FOR USER EXIT 55
371	(173)	BITSTRING	1	UXFLG56	FLAG RESERVED FOR USER EXIT 56
372	(174)	BITSTRING	1	UXFLG57	FLAG FOR USER EXIT 57
373	(175)	BITSTRING	1	UXFLG58	FLAG FOR USER EXIT 58
374	(176)	BITSTRING	1	UXFLG59	FLAG FOR USER EXIT 59
375	(177)	ADDRESS	1	UXFLG60	FLAG FOR USER EXIT 60
376	(178)	ADDRESS	1	UXFLG61	FLAG FOR USER EXIT 61
377	(179)	ADDRESS	1	UXFLG62	FLAG FOR USER EXIT 62

Table 75. Structure IATYUXL (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
378	(17A)	BITSTRING	1	UXFLG63	FLAG FOR USER EXIT 63 0077
379	(17B)	BITSTRING	1	UXFLG64	FLAG RESERVED FOR USER EXIT 64
380	(17C)	BITSTRING	1	UXFLG65	FLAG RESERVED FOR USER EXIT 65
381	(17D)	ADDRESS	1	UXFLG66	FLAG FOR USER EXIT 66
382	(17E)	ADDRESS	1	UXFLG67	FLAG FOR USER EXIT 67
383	(17F)	ADDRESS	1	UXFLG68	Flag for user exit 68
384	(180)	BITSTRING	1	UXFLG69	FLAG RESERVED FOR USER EXIT 69
385	(181)	BITSTRING	1	UXFLG70	FLAG RESERVED FOR USER EXIT 70
386	(182)	ADDRESS	1	UXFLG71	FLAG FOR USER EXIT 71
387	(183)	ADDRESS	1	UXFLG72	Flag for user exit 72
388	(184)	ADDRESS	1	UXFLG73	Flag for user exit 73
389	(185)	BITSTRING	1	UXRVD3(2)	Reserved for IBM
391	(187)	BITSTRING	1	UXRVD4(4)	Reserved for IBM
					Label UXDXDEF is the beginning of the entries which define the exits managed by the MVS Dynamic Exit facility.
396	(18C)	SIGNED	4	UXDXDEF(0)	
					Definition of user exit 69. $Q0=SYSOPER HJS5521 941205 PD0CM: SP 5.2.1 , IATXDXF EXITNAME=IAT_EXIT69, , KEY=0, , ABENDNUM=2, , REENTRANT=REQ, , ENVIRON=, , PERSIST=IPL
396	(18C)	SIGNED	4	UXLDX69(0)	
396	(18C)	CHARACTER	16		Exit Name
412	(19C)	ADDRESS	4		Generate KEY value
416	(1A0)	ADDRESS	4		ABENDNUM value
420	(1A4)	ADDRESS	1		Set the environment flag
421	(1A5)	ADDRESS	1		Flag 1
422	(1A6)	BITSTRING	2		Reserved
					Definition of user exit 70. $Q0=SYSOPER HJS5521 941205 PD0CM: SP 5.2.1 , IATXDXF EXITNAME=IAT_EXIT70, , KEY=1, , ABENDNUM=2, , REENTRANT=OPT, , ENVIRON=, , PERSIST=ADDRESSSPACE
424	(1A8)	SIGNED	4	UXLDX70(0)	
424	(1A8)	CHARACTER	16		Exit Name
440	(1B8)	ADDRESS	4		Generate KEY value
444	(1BC)	ADDRESS	4		ABENDNUM value
448	(1C0)	ADDRESS	1		Set the environment flag
449	(1C1)	ADDRESS	1		Flag 1
450	(1C2)	BITSTRING	2		Reserved
					End of dynamic exit entries.
452	(1C4)	SIGNED	4	UXDXEND	

Table 75. Structure IATYUXL (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
				DEFINITIONS FOR BITS IN USER EXIT FLAGS NOTE THAT THE LAST BIT (X'01') IN EACH USER EXIT FLAG IS RESERVED FOR USE BY THE INDIVIDUAL EXIT.	
		1...		DUMMYUX	"X'80'" DUMMY EXIT - DON'T CALL AGAIN
		.1..		UXLGBL	"X'40'" EXIT LOADED FOR JES3 GLOBAL
		..1.		UXLLCL	"X'20'" EXIT LOADED FOR JES3 LOCAL
		...1		UXLCIFSS	"X'10'" EXIT LOADED FOR CI FSS
		.... 1...		UXLRFSH	"X'08'" EXIT IS REFRESHABLE

Table 76. Cross Reference for IATYUXL

Name	Offset	Hex Tag
DEFNJE	15E	1
DUMMYUX	1C4	80
IATYUXL	0	
UXDXDEF	18C	
UXDXEND	1C4	FFFFFFFF
UXFLG1	13C	0
UXFLG10	145	
UXFLG11	146	
UXFLG12	147	0
UXFLG13	148	0
UXFLG14	149	
UXFLG15	14A	
UXFLG16	14B	0
UXFLG17	14C	
UXFLG18	14D	
UXFLG19	14E	
UXFLG2	13D	0
UXFLG20	14F	
UXFLG21	150	
UXFLG22	151	
UXFLG23	152	
UXFLG24	153	
UXFLG25	154	
UXFLG26	155	0
UXFLG27	156	
UXFLG28	157	
UXFLG29	158	
UXFLG3	13E	
UXFLG30	159	
UXFLG31	15A	0
UXFLG32	15B	0
UXFLG33	15C	
UXFLG34	15D	
UXFLG35	15E	

Table 76. Cross Reference for IATYUXL (continued)

Name	Offset	Hex Tag
UXFLG36	15F	
UXFLG37	160	
UXFLG38	161	
UXFLG39	162	
UXFLG4	13F	
UXFLG40	163	
UXFLG41	164	
UXFLG42	165	
UXFLG43	166	
UXFLG44	167	
UXFLG45	168	
UXFLG46	169	
UXFLG47	16A	0
UXFLG48	16B	
UXFLG49	16C	
UXFLG5	140	
UXFLG50	16D	
UXFLG51	16E	0
UXFLG52	16F	0
UXFLG53	170	0
UXFLG54	171	0
UXFLG55	172	0
UXFLG56	173	0
UXFLG57	174	0
UXFLG58	175	0
UXFLG59	176	0
UXFLG6	141	
UXFLG60	177	
UXFLG61	178	
UXFLG62	179	
UXFLG63	17A	0
UXFLG64	17B	0
UXFLG65	17C	0
UXFLG66	17D	
UXFLG67	17E	
UXFLG68	17F	
UXFLG69	180	0
UXFLG7	142	
UXFLG70	181	0
UXFLG71	182	
UXFLG72	183	
UXFLG73	184	
UXFLG8	143	
UXFLG9	144	
UXLCIFSS	1C4	10
UXLDX69	18C	

Table 76. Cross Reference for IATYUXL (continued)

Name	Offset	Hex Tag
UXLDX70	1A8	
UXLGBL	1C4	40
UXLLCL	1C4	20
UXLMAX	12C	49
UXLNAM	0	C9C1E3E8
UXLRFSH	1C4	8
UXLSTART	8	
UXL01	8	0
UXL02	C	0
UXL03	10	E4E7F0F3
UXL04	14	E4E7F0F4
UXL05	18	E4E7F0F5
UXL06	1C	E4E7F0F6
UXL07	20	E4E7F0F7
UXL08	24	E4E7F0F8
UXL09	28	E4E7F0F9
UXL10	2C	E4E7F1F0
UXL11	30	E4E7F1F1
UXL12	34	0
UXL13	38	0
UXL14	3C	E4E7F1F4
UXL15	40	E4E7F1F5
UXL16	44	0
UXL17	48	E4E7F1F7
UXL18	4C	E4E7F1F8
UXL19	50	E4E7F1F9
UXL20	54	E4E7F2F0
UXL21	58	E4E7F2F1
UXL22	5C	E4E7F2F2
UXL23	60	E4E7F2F3
UXL24	64	E4E7F2F4
UXL25	68	E4E7F2F5
UXL26	6C	0
UXL27	70	E4E7F2F7
UXL28	74	E4E7F2F8
UXL29	78	E4E7F2F9
UXL30	7C	E4E7F3F0
UXL31	80	0
UXL32	84	0
UXL33	88	E4E7F3F3
UXL34	8C	E4E7F3F4
UXL35	90	E4E7F3F5
UXL36	94	E4E7F3F6
UXL37	98	E4E7F3F7
UXL38	9C	E4E7F3F8
UXL39	A0	E4E7F3F9

Table 76. Cross Reference for IATYUXL (continued)

Name	Offset	Hex Tag
UXL40	A4	E4E7F4F0
UXL41	A8	E4E7F4F1
UXL42	AC	E4E7F4F2
UXL43	B0	E4E7F4F3
UXL44	B4	E4E7F4F4
UXL45	B8	E4E7F4F5
UXL46	BC	E4E7F4F6
UXL47	C0	0
UXL48	C4	E4E7F4F8
UXL49	C8	E4E7F4F9
UXL50	CC	E4E7F5F0
UXL51	D0	0
UXL52	D4	0
UXL53	D8	0
UXL54	DC	0
UXL55	E0	0
UXL56	E4	0
UXL57	E8	0
UXL58	EC	0
UXL59	F0	0
UXL60	F4	E4E7F6F0
UXL61	F8	E4E7F6F1
UXL62	FC	E4E7F6F2
UXL63	100	0
UXL64	104	0
UXL65	108	0
UXL66	10C	E4E7F6F6
UXL67	110	E4E7F6F7
UXL68	114	E4E7F6F8
UXL69	118	0
UXL70	11C	0
UXL71	120	E4E7F7F1
UXL72	124	E4E7F7F2
UXL73	128	E4E7F7F3
UXRVD3	185	0
UXRVD4	187	0

IATYUX07 information

IATYUX07 programming interface information

IATYUX07 is a programming interface.

IATYUX07 heading information

Common name: IATUX07 Output Area Mapping

Macro ID: IATYUX07

DSECT name:	UX7START, UX7USTRT, UX7VSTRT
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	UX7 Offset: 0 Length: 4
Storage attributes:	Main Storage: SUBPOOL 0 Auxiliary Storage: N/A
Size:	UX7HSIZE - Size of IATUX07 Output Header UX7USIZE - Size of IATUX07 Unit Entry UX7VSIZE - Size of IATUX07 Volume Entry
Created by:	N/A
Pointed to by:	N/A
Serialization:	NONE
Function:	IATYUX07 defines the format of the output returned by IATUX07.

IATYUX07 mapping

Table 77. Structure UX7START

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	UX7START	, IATUX07 Output Mapping
0	(0)	CHARACTER	4	UX7ID	Control Block Id
4	(4)	SIGNED	2	UX7TOTLN	Total length of entire parameter list including variable length entries
6	(6)	SIGNED	2	UX7NUMUV	Number of Unit Type/Volser entries
8	(8)	BITSTRING	1	UX7HEND(0)	End of IATUX07 Output Header
8	(8)	X'8'	0	UX7HSIZE	"UX7HEND-UX7START" Size of IATUX07 Output Header

Table 78. Structure UX7USTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	UX7USTRT	, IATUX07 Unit Entry
0	(0)	CHARACTER	8	UX7UNIT	Unit Type
8	(8)	SIGNED	2	UX7NUMUN	Number of units of this type required to set up this request
10	(A)	SIGNED	2	UX7NUMVL	Number of volsers for this unit type that follow
12	(C)	BITSTRING	1	UX7UEND(0)	End of IATUX07 Unit Entry
12	(C)	X'C'	0	UX7USIZE	"UX7UEND-UX7USTRT" Size of IATUX07 Unit Entry

Table 79. Structure UX7VSTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	UX7VSTRT	, IATUX07 Volume Entry
0	(0)	CHARACTER	6	UX7VOLUM	Volume Serial Number
6	(6)	BITSTRING	1	UX7VEND(0)	End of IATUX07 Volume Entry
6	(6)	X'6'	0	UX7VSIZE	"UX7VEND-UX7VSTRT" Size of IATUX07 Volume Entry

Table 80. Cross Reference for IATYUX07

Name	Offset	Hex Tag
UX7HEND	8	

Table 80. Cross Reference for IATYUX07 (continued)

Name	Offset	Hex Tag
UX7HSIZE	8	8
UX7ID	0	E4E7F740
UX7NUMUN	8	0
UX7NUMUV	6	0
UX7NUMVL	A	0
UX7START	0	
UX7TOTLN	4	0
UX7UEND	C	
UX7UNIT	0	40404040
UX7USIZE	C	C
UX7USTRT	0	
UX7VEND	6	
UX7VOLUM	0	40404040
UX7VSIZE	6	6
UX7VSTRT	0	

IATYUX30 information

IATYUX30 programming interface information

IATYUX30 is a programming interface.

IATYUX30 heading information

Common name:	User Exit 30 Parameter List
Macro ID:	IATYUX30
DSECT name:	IATYUX30
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	YUX30 Offset: 0 Length: 6
Storage attributes:	Auxiliary Storage: N/A Subpool: 0 Key: 1 (JESKEY) Residency: ANY
Size:	YUX30SIZ
Created by:	IATGRWQ IATGRWP
Pointed to by:	None
Serialization:	NONE
Function:	This control block maps the parameter list used between IATGRWQ/IATOSPD and IATUX30.

IATYUX30 mapping

Table 81. Structure IATYUX30

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATYUX30	DSECT YUX30 data area start
		IATUX30 Parameter List			

Table 81. Structure IATYUX30 (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	CHARACTER	6	YUX30ID	Eye catcher
6	(6)	BITSTRING	2	YUX30VSN	Version level
6	(6)	X'1'	0	YUX30130	"1" Version level for HJS6603
6	(6)	X'1'	0	YUX30VID	"YUX30130" Version level value
8	(8)	SIGNED	4	UX30LST(0)	
8	(8)	SIGNED	4	UX30AID	Ptr to 8 byte requesting user id from an ACEE or zero if an ACEE does not exist
12	(C)	SIGNED	4	UX30FUNC	Ptr to 1 byte function code
16	(10)	SIGNED	4	UX30SSOB	Status/Cancel extension mapped in SSOB (SSCSBGN)
20	(14)	SIGNED	4	UX30JOB	JCT or RQ address or ZERO
24	(18)	SIGNED	4	UX30ID	Ptr to 8 byte requesting TSO terminal user id.
28	(1C)	BITSTRING	1	UX30FLG1	UX30 flags
		Meaning of bits in UX30FLG1 This flag is set by the caller of IATUX30.			
		1...		UX30END	"X'80'" Parameter list terminator
		.1..		UX30VAL	"X'40'" Valid TSO user id
		..1.		UX30CVAL	"X'20'" Valid ACEE (client) userid
29	(1D)	BITSTRING	1	UX30UFLG	UX30 flags
		Meaning of bits in UX30UFLG This flag is set only in user exit 30 by the user only for request selection Status processing (i.e. UX30JOB=hex zero)			
		1...		UX308968	"X'80'" Issue only secondary message IAT8968
		.1..		UX308969	"X'40'" ISSUE only secondary message IAT8969
		..1.		UX30B896	"X'20'" Issue both IAT896x messages
		...1		UX30N896	"X'10'" Don't issue IAT896x messages
30	(1E)	BITSTRING	1	(2)	Reserved for development
32	(20)	SIGNED	4	UX30SRSV(2)	Reserved for service
40	(28)	SIGNED	4	UX30URSV(2)	Reserved for user
48	(30)	SIGNED	4	UX30DRSV(2)	Reserved for development
		The following equates define the user exit return codes set in R15 to be used for request selection processing (i.e. UX30JOB=hex zero).			
48	(30)	X'0'	0	UX30JFOK	"0" IKJEFF53 authority exit used
48	(30)	X'4'	0	UX30J3OK	"4" JES authority exit used
48	(30)	X'8'	0	UX30J3RT	"8" JES exit used - reenter on each job entry selection
48	(30)	X'C'	0	UX30J3RJ	"12" JES3 exit used - reject this request
48	(30)	X'10'	0	UX30J3JO	"16" JES3 exit used - use job owner for all processing
		The following equates define the user exit return codes set in R15 to be used for job selection processing (i.e. UX30JOB=JCT or RQ address)			

Table 81. Structure IATYUX30 (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
48	(30)	X'0'	0	UX30JBOK	"0" Process selected job
48	(30)	X'4'	0	UX30JBRJ	"4" Reject - continue job scan
48	(30)	X'8'	0	UX30RQRJ	"8" Terminate this request
		The following equates define the user exit reason codes set in R) to be used for generic Status processing (i.e. 'ST ').			
48	(30)	X'0'	0	UX30RN00	"0" Use userid in field UX30ID
48	(30)	X'4'	0	UX30RN04	"4" Use userid in field SSCSJOBN
48	(30)	X'8'	0	UX30RN08	"8" Use userid in field UX30AID
48	(30)	X'38'	0	YUX30END	"*"
48	(30)	X'38'	0	YUX30SIZ	"YUX30END-YUX30ID" Size of control block

Table 82. Cross Reference for IATYUX30

Name	Offset	Hex Tag
IATYUX30	0	
UX30AID	8	0
UX30B896	1D	20
UX30CVAL	1C	20
UX30DRSV	30	0
UX30END	1C	80
UX30FLG1	1C	0
UX30FUNC	C	0
UX30ID	18	0
UX30JBOK	30	0
UX30JBRJ	30	4
UX30JFOK	30	0
UX30JOB	14	0
UX30J3JO	30	10
UX30J3OK	30	4
UX30J3RJ	30	C
UX30J3RT	30	8
UX30LST	8	
UX30N896	1D	10
UX30RN00	30	0
UX30RN04	30	4
UX30RN08	30	8
UX30RQRJ	30	8
UX30SRSV	20	0
UX30SSOB	10	0
UX30UFLG	1D	0
UX30URSV	28	0
UX30VAL	1C	40
UX308968	1D	80
UX308969	1D	40
YUX30END	30	38

Table 82. Cross Reference for IATYUX30 (continued)

Name	Offset	Hex Tag
YUX30ID	0	E8E4E7F3
YUX30SIZ	30	38
YUX30VID	6	1
YUX30VSN	6	0
YUX30130	6	1

IATYUX42 information

IATYUX42 programming interface information

IATYUX42 is a programming interface.

IATYUX42 heading information

Common name:	User exit 42 parameter list.
Macro ID:	IATYUX42
DSECT name:	YUX42STR
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	YUX42 Offset: 24 Length: 6
Storage attributes:	Main Storage: Subpool 0 Auxiliary Storage: n/a Key: 1 (JES KEY) Residency: Any
Size:	YUX42SIZ
Created by:	IATNTSF
Pointed to by:	Register 1 on entry to IATUX42
Serialization:	None
Function:	Maps the parameter list passed to exit 42.

IATYUX42 mapping

Table 83. Structure YUX42STR

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	YUX42STR	
0	(0)	ADDRESS	4	YUX42OFA	Address of output flag 1
4	(4)	ADDRESS	4	YUX42JDS	JDS entry address
8	(8)	ADDRESS	4	YUX42ORI	Origin node name address
12	(C)	ADDRESS	4	YUX42USR	Origin userid address
16	(10)	ADDRESS	4	YUX42SYS	Address of the system name on which JES3 will issue the TSO SEND if the target user is to be notified. Filled in on entry only if the user is logged on. This field may be changed by the exit.
20	(14)	ADDRESS	4	YUX42MSG	Address of a 72-byte message text area containing the message to be sent to the origin user if the file is deleted. The first two bytes contain the length of the text that follows. This field may be changed by the exit.

Table 83. Structure YUX42STR (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
24	(18)	CHARACTER	6	YUX42ID	Control block identifier
30	(1E)	ADDRESS	2	YUX42VER	Version level
30	(1E)	X'1'	0	YUX42INI	"1" Initial version indicator
30	(1E)	X'1'	0	YUX42CUR	"YUX42INI" Current version
32	(20)	BITSTRING	1	YUX42OF1	Output flag byte
		1...		YUX42DEL	"X'80'" The incoming file should be deleted
		.1..		YUX42NOM	"X'40'" Do not send a message to the target user
		..1.		YUX42WTQ	"X'20'" The incoming file should be put on the writer queue with the destination in field NDHGRMT
		...1		YUX42WTN	"X'10'" The incoming file should be put on the writer queue with the destination in field YUX42ODS
		.... 1...		YUX42HOQ	"X'08'" The incoming file should be treated as NETDATA, i.e. put on the hold queue so that it can be received by a TSO user whose userid is the value of NDHGRMT (NDHGXWTR)
33	(21)	BITSTRING	1	YUX42IF1	Input flag byte
		1...		YUX42J3W	"X'80'" JES3's default action, if not overridden by IATUX42, will be to put the incoming file on the writer queue. If this bit is off, then JES3's default action will be to treat the incoming file as NETDATA and put it on the hold queue.
34	(22)	BITSTRING	2	YUX42RV1	Reserved for IBM
36	(24)	CHARACTER	8	YUX42ODS	Output destination
44	(2C)	SIGNED	4	YUX42RU1(5)	Reserved for user
64	(40)	SIGNED	4	YUX42RV3(4)	Reserved for IBM
64	(40)	X'50'	0	YUX42SIZ	"*-YUX42STR" Size of parameter list

Table 84. Cross Reference for IATYUX42

Name	Offset	Hex Tag
YUX42CUR	1E	1
YUX42DEL	20	80
YUX42HOQ	20	8
YUX42ID	18	E8E4E7F4
YUX42IF1	21	0
YUX42INI	1E	1
YUX42JDS	4	
YUX42J3W	21	80
YUX42MSG	14	
YUX42NOM	20	40
YUX42ODS	24	40404040
YUX42OFA	0	
YUX42OF1	20	0
YUX42ORI	8	
YUX42RU1	2C	0
YUX42RV1	22	0

Table 84. Cross Reference for IATYUX42 (continued)

Name	Offset	Hex Tag
YUX42RV3	40	0
YUX42SIZ	40	50
YUX42STR	0	
YUX42SYS	10	
YUX42USR	C	
YUX42VER	1E	
YUX42WTN	20	10
YUX42WTQ	20	20

IATYUX45 information

IATYUX45 programming interface information

IATYUX45 is a programming interface.

IATYUX45 heading information

Common name:	IATUX45 Output Area Mapping
Macro ID:	IATYUX45
DSECT name:	UX45STRT
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	UX45 Offset: 0 Length: 4
Storage attributes:	Main Storage: N/A Auxiliary Storage: N/A
Size:	UX45USZE
Created by:	N/A
Pointed to by:	WTRFUX45 in IATYWTR
Serialization:	None
Function:	IATYUX45 defines the format of the input parameter list used in user exit IATUX45. The mapping area this DSECT maps is actually contained within IATYWTR.

IATYUX45 mapping

Table 85. Structure UX45STRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	UX45STRT	, IATUX45 Input Parm List Map
0	(0)	CHARACTER	4	UX45ID	Control Block Id
4	(4)	SIGNED	2	UX45LVL	Level indicator
4	(4)	X'2'	0	UX45LVCR	"UX45LV02" Current Level indicator 0002
		1		UX45LV01	"X'0001'" Base Level 0002
		.... ..1.		UX45LV02	"X'0002'" HJS6603 Level 0002
6	(6)	SIGNED	2	UX45RSS1	Reserved for service
8	(8)	ADDRESS	4	UX45JMRA	Pointer to JMR for UX45 or 0 if JMR is navail
12	(C)	ADDRESS	4	UX45OSEV	Pointer to OSE variable 0002 entry for UX45 0002

Table 85. Structure UX45STRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
16	(10)	ADDRESS	4	UX45OSED	Pointer to OSE data set 0002 entry for UX45 0002
20	(14)	SIGNED	4	UX45RSD1	Reserved for Development
24	(18)	SIGNED	4	UX45RSU1	Reserved for User
28	(1C)	CHARACTER	3	UX45RSU2	Reserved for Development
31	(1F)	CHARACTER	5	UX45EID	Ending Eyecatcher
36	(24)	BITSTRING	1	UX45UEND(0)	End of IATUX45 Unit Entry
36	(24)	X'24'	0	UX45USZE	"UX45UEND-UX45STRT" Size of IATUX45 Unit Entry

Table 86. Cross Reference for IATYUX45

Name	Offset	Hex Tag
UX45EID	1F	C5E4E7F4
UX45ID	0	E4E7F4F5
UX45JMRA	8	
UX45LVCR	4	2
UX45LVL	4	0
UX45LV01	4	1
UX45LV02	4	2
UX45OSED	10	
UX45OSEV	C	
UX45RSD1	14	0
UX45RSS1	6	0
UX45RSU1	18	0
UX45RSU2	1C	404040
UX45STRT	0	
UX45UEND	24	
UX45USZE	24	24

IATYUX57 information

IATYUX57 programming interface information

IATYUX57 is a programming interface.

IATYUX57 heading information

Common name:	USER EXIT 57 PARAMETER LIST
Macro ID:	IATYUX57
DSECT name:	IATYUX57
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	YUX57 Offset: 0 Length: 6
Storage attributes:	Main Storage: SUBPOOL 253 Auxiliary Storage: N/A
Size:	YUX57SIZ
Created by:	IATSIWO
Pointed to by:	N/A

Serialization:	NONE				
Function:	This control block maps the parameter list used between IATSIWO and IATUX57.				

IATYUX57 mapping

Table 87. Structure IATYUX57

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATYUX57	
0	(0)	CHARACTER	6	YUX57ID	EYE CATCHER
6	(6)	ADDRESS	2	YUX57VSN	VERSION LEVEL
6	(6)	X'1'	0	YUX57220	"1" VERSION LEVEL FOR HJS2220
6	(6)	X'1'	0	YUX57VID	"YUX57220" VERSION LEVEL VALUE
8	(8)	CHARACTER	130	YUX57TXT	MESSAGE TEXT
138	(8A)	BITSTRING	2	YUX57DC	DESCRIPTOR CODES
140	(8C)	BITSTRING	16	YUX57RCD	ROUTING CODES
156	(9C)	CHARACTER	8	YUX57KEY	KEY NAME
164	(A4)	BITSTRING	4	YUX57TOK	TOKEN VALUE #323
168	(A8)	CHARACTER	8	YUX57JOB	JOB NAME #323
		FLAG BYTES RESERVED FOR IBM AND FOR USER AS INDICATED			
176	(B0)	BITSTRING	4	YUX57FLG(0)	FLAG AREA
176	(B0)	BITSTRING	2	YUX57RVD	RESERVED FOR DEVELOPMENT
178	(B2)	BITSTRING	1	YUX57RVS	RESERVED FOR SERVICE
179	(B3)	BITSTRING	1	YUX57RVU	RESERVED FOR USER
180	(B4)	SIGNED	4	YUX57SAV(18)	18 WORD SAVE AREA #173
252	(FC)	SIGNED	4	YUX57R1D	RESERVED FOR DEVELOPMENT
256	(100)	SIGNED	4	YUX57R1S	RESERVED FOR SERVICE
256	(100)	X'104'	0	YUX57END	"*"
256	(100)	X'104'	0	YUX57SIZ	"YUX57END-IATYUX57" SIZE OF CONTROL BLOCK

Table 88. Cross Reference for IATYUX57

Name	Offset	Hex Tag
IATYUX57	0	
YUX57DC	8A	
YUX57END	100	104
YUX57FLG	B0	
YUX57ID	0	
YUX57JOB	A8	
YUX57KEY	9C	
YUX57RCD	8C	
YUX57RVD	B0	
YUX57RVS	B2	
YUX57RVU	B3	
YUX57R1D	FC	
YUX57R1S	100	
YUX57SAV	B4	
YUX57SIZ	100	104

Table 88. Cross Reference for IATYUX57 (continued)

Name	Offset	Hex Tag
YUX57TOK	A4	
YUX57TXT	8	
YUX57VID	6	1
YUX57VSN	6	
YUX57220	6	1

IATYUX63 information

IATYUX63 programming interface information

IATYUX63 is a programming interface.

IATYUX63 heading information

Common name:	User Exit 63 Parameter List
Macro ID:	IATYUX63
DSECT name:	IATYUX63
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	YUX63 Offset: 0 Length: 6
Storage attributes:	Auxiliary Storage: N/A Subpool: 0 (JESPOOL) Key: 1 (JESKEY) Residency: ANY
Size:	YUX63SIZ
Created by:	IATINIT
Pointed to by:	INTUX63P in IATYINT.
Serialization:	None
Function:	This control block maps the parameter list used between JES3 and user exit IATUX63.

IATYUX63 mapping

Table 89. Structure IATYUX63

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATYUX63	
0	(0)	CHARACTER	6	YUX63ID	Eye Catcher
6	(6)	ADDRESS	2	YUX63VSN	Version level
6	(6)	X'1'	0	YUX63511	"1" Version level for HJS5511
6	(6)	X'2'	0	YUX63750	"2" Version level for HJS7750
6	(6)	X'2'	0	YUX63VID	"YUX63750" Version level value
		JES3 Provides YUX63ADR pointer and YUX63LNP size.			
8	(8)	SIGNED	4	YUX63ADR	Pointer to string work area
12	(C)	SIGNED	2	YUX63LNP	Length of string area provided
		User exit needs to provide YUX63LNR if a character string is being returned. Also, bit YUX63FPI below will need to be set as well.			

Table 89. Structure IATYUX63 (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
14	(E)	SIGNED	2	YUX63LNR	Length of string area returned
		JES3 Provides YUX63TVP, YUX63ITP, and all bits of YUX63FL1.			
16	(10)	SIGNED	4	YUX63TVP	Pointer to IATYTVT
20	(14)	SIGNED	4	YUX63ITP	Pointer to IATYINT
24	(18)	BITSTRING	1	YUX63FL1	Flag byte - All values set by JES3
		1...		YUX63FGG	"X'80'" User exit is running on global
		.1..		YUX63FGL	"X'40'" User exit is running on local
		..1.		YUX63FCS	"X'20'" Cold start in progress
		...1		YUX63FWS	"X'10'" Warm start in progress
		.... 1...		YUX63FHS	"X'08'" Hot start in progress
		.... .1..		YUX63CON	"X'04'" Connect in progress
		User Provides all bit settings of YUX63FL2 upon return from IATUX63. If bit YUX63FPI is set, then field YUX63LNR must also be set to a non-zero value by this user exit.			
25	(19)	BITSTRING	1	YUX63FL2	Flag byte - All bits set by UX63
		1...		YUX63FPI	"X'80'" User exit has returned info string
26	(1A)	BITSTRING	1	YUX63RV1	Reserved for development
27	(1B)	BITSTRING	1	YUX63RV2	Reserved for service
28	(1C)	SIGNED	4	YUX63RVU(4)	Reserved for user
44	(2C)	SIGNED	4	YUX63RVD(4)	Reserved for development
60	(3C)	SIGNED	4	YUX63RVS(4)	Reserved for service
60	(3C)	X'4C'	0	YUX63END	"*"
60	(3C)	X'4C'	0	YUX63SIZ	"YUX63END-IATYUX63" Size of control block

Table 90. Cross Reference for IATYUX63

Name	Offset	Hex Tag
IATYUX63	0	
YUX63ADR	8	
YUX63CON	18	4
YUX63END	3C	4C
YUX63FCS	18	20
YUX63FGG	18	80
YUX63FGL	18	40
YUX63FHS	18	8
YUX63FL1	18	
YUX63FL2	19	
YUX63FPI	19	80
YUX63FWS	18	10
YUX63ID	0	
YUX63ITP	14	
YUX63LNP	C	

Table 90. Cross Reference for IATYUX63 (continued)

Name	Offset	Hex Tag
YUX63LNR	E	
YUX63RVD	2C	
YUX63RVS	3C	
YUX63RVU	1C	
YUX63RV1	1A	
YUX63RV2	1B	
YUX63SIZ	3C	4C
YUX63TVP	10	
YUX63VID	6	2
YUX63VSN	6	
YUX63511	6	1
YUX63750	6	2

IATYUX66 information

IATYUX66 programming interface information

IATYUX66 is a programming interface.

IATYUX66 heading information

Common name:	USER EXIT 66 PARAMETER LIST
Macro ID:	IATYUX66
DSECT name:	IATYUX66
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	YUX66 Offset: 0 Length: 6
Storage attributes:	Auxiliary Storage: N/A Subpool: 0 Key: 1 (JESKEY) Residency: ANY
Size:	YUX66SIZ
Created by:	IATOSDR
Pointed to by:	OSYUX66 IN IATYOSA
Serialization:	NONE
Function:	THIS CONTROL BLOCK MAPS THE PARAMETER LIST USED BETWEEN IATOSBP AND IATUX66.

IATYUX66 mapping

Table 91. Structure IATYUX66

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATYUX66	
0	(0)	CHARACTER	6	YUX66ID	EYE CATCHER
6	(6)	ADDRESS	2	YUX66VSN	VERSION LEVEL
6	(6)	X'1'	0	YUX66313	"1" VERSION LEVEL FOR HJS3313
6	(6)	X'1'	0	YUX66VID	"YUX66313" VERSION LEVEL VALUE
8	(8)	BITSTRING	8	YUX66JBN	JOB NAME

Table 91. Structure IATYUX66 (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
16	(10)	BITSTRING	8	YUX66JBI	JOB ID
24	(18)	BITSTRING	8	YUX66USI	USER ID
32	(20)	BITSTRING	8	YUX66SBL	SECURITY LABEL
40	(28)	BITSTRING	8	YUX66TPI	TRANSACTION PROGRAM ID
48	(30)	BITSTRING	8	YUX66JBD	REQUESTED DESTINATION
56	(38)	BITSTRING	8	YUX66RS1	RESERVED FOR USER
64	(40)	CHARACTER	8	YUX66JSI	Job id from the JSAB
72	(48)	BITSTRING	8	YUX66RS3	RESERVED FOR DEVELOPMENT
80	(50)	BITSTRING	1	YUX66JBP	JOB PRIORITY (USED AS THE XMISSION PRIORITY UNLESS ONE IS SUPPLIED BY THE USER EXIT)
81	(51)	BITSTRING	1	YUX66DSP	HIGHEST DATA SET PRIORITY IN THE SNA/NJE STREAM
82	(52)	BITSTRING	2	YUX66DSN	NUMBER OF DATA SETS IN THE TRANSMISSION STREAM
84	(54)	BITSTRING	4	YUX66LNC	XMISSION STREAM LINE COUNT
88	(58)	BITSTRING	4	YUX66PGC	XMISSION STREAM PAGE COUNT
92	(5C)	BITSTRING	4	YUX66RCC	XMISSION STREAM RECORD COUNT
96	(60)	BITSTRING	4	YUX66BYC	Xmission stream 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
100	(64)	BITSTRING	4	YUX66RS4	RESERVED FOR USER
104	(68)	BITSTRING	4	YUX66RS5	RESERVED FOR SERVICE
108	(6C)	BITSTRING	4	YUX66RS6	RESERVED FOR DEVELOPMENT
		FLAG BYTE YUX66FL1			
112	(70)	BITSTRING	1	YUX66FL1	FLAG BYTE
		1...		YUX66SPN	"X'80'" STREAM HAS SPINOFF DATASET
		.1..		YUX66JBS	"X'40'" STREAM IS A JOB STREAM 0146
		..1.		YUX66SYS	"X'20'" STREAM IS A SYSOUT STREAM 0146
		...1		YUX66APC	"X'10'" STREAM IS APPC GENERATED 0454
		.... 1...		YUX66JSB	"X'08'" Job id is from a JSAB
		YUX66XMP IS SET BY THE USER IN IATUX66. ON RETURN TO IATOSBP, IT'S CONTENTS WILL BE USED TO SET THE TRANSMISSION PRIORITY OF THE BDT STREAM.			
113	(71)	BITSTRING	1	YUX66XMP	TRANSMISSION PRIORITY (USER SET)
113	(71)	X'72'	0	YUX66END	"*"
113	(71)	X'72'	0	YUX66SIZ	"YUX66END-IATYUX66" SIZE OF CONTROL BLOCK

Table 92. Cross Reference for IATYUX66

Name	Offset	Hex Tag
IATYUX66	0	
YUX66APC	70	10
YUX66BYC	60	
YUX66DSN	52	

Table 92. Cross Reference for IATYUX66 (continued)

Name	Offset	Hex Tag
YUX66DSP	51	
YUX66END	71	72
YUX66FL1	70	
YUX66ID	0	
YUX66JBD	30	
YUX66JBI	10	
YUX66JBN	8	
YUX66JBP	50	
YUX66JBS	70	40
YUX66JSB	70	8
YUX66JSI	40	
YUX66LNC	54	
YUX66PGC	58	
YUX66RCC	5C	
YUX66RS1	38	
YUX66RS3	48	
YUX66RS4	64	
YUX66RS5	68	
YUX66RS6	6C	
YUX66SBL	20	
YUX66SIZ	71	72
YUX66SPN	70	80
YUX66SYS	70	20
YUX66TPI	28	
YUX66USI	18	
YUX66VID	6	1
YUX66VSN	6	
YUX66XMP	71	
YUX66313	6	1

IATYUX67 information

IATYUX67 programming interface information

IATYUX67 is a programming interface.

IATYUX67 heading information

Common name:	User Exit 67 Parameter List
Macro ID:	IATYUX67
DSECT name:	IATYUX67
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	YUX67 Offset: 0 Length: 6
Storage attributes:	Main Storage: JES3 private area Auxiliary Storage: N/A
Size:	YUX67SIZ

Created by:		IATNTSF, as part of the NJESF data CSECT (IATNTFD) IATNTRS, as part of the NJEROUT data CSECT (IATNTRD)			
Pointed to by:		N/A			
Serialization:		None			
Function:		Maps the parameter list used as the interface between JES3 and IATUX67.			

IATYUX67 mapping

Table 93. Structure IATYUX67

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATYUX67	
		Parameter list identification.			
0	(0)	CHARACTER	6	YUX67ID	Eye Catcher
6	(6)	ADDRESS	2	YUX67VSN	Version level
6	(6)	X'1'	0	YUX67313	"1" Version level for HJS3313
6	(6)	X'1'	0	YUX67VID	"YUX67313" Current version level
		IATUX67 parameter list.			
8	(8)	ADDRESS	4	YUX67UTK	Address of the user security token (UTOKEN)
12	(C)	ADDRESS	4	YUX67RTK	Address of the resource security token (RTOKEN) NOTE ---> The area pointed to by this field may be changed by the exit if a new security token needs to be supplied for the SYSOUT (or the pointer itself can be changed to point to a new token)
16	(10)	CHARACTER	8	YUX67NOD	Node name part of the JESSPOOL entity name
24	(18)	CHARACTER	8	YUX67USR	Userid part of the JESSPOOL entity name NOTE ---> This field may be changed by the exit if the userid part of the entity name needs to be changed
32	(20)	CHARACTER	8	YUX67JNM	Job name part of the JESSPOOL entity name
40	(28)	CHARACTER	8	YUX67JID	Jobid part of the JESSPOOL entity name
48	(30)	CHARACTER	8	YUX67DNO	Dsnumber part of the JESSPOOL entity name
56	(38)	CHARACTER	8	YUX67DNM	Dsname part of the JESSPOOL entity name NOTE ---> This field may be changed by the exit if the dsname part of the entity name needs to be changed
64	(40)	ADDRESS	4	YUX67NDH	Address of the NJE data set header
68	(44)	ADDRESS	4	YUX67RS1(4)	Reserved for development
84	(54)	ADDRESS	4	YUX67RS2(4)	Reserved for service
100	(64)	ADDRESS	4	YUX67RS3(8)	Reserved for user
		Return code values.			
100	(64)	X'0'	0	YUX67R00	"0" Return code 0 - purge the SYSOUT data set

Table 93. Structure IATYUX67 (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
100	(64) X'4'		0	YUX67R04	"4" Return code 4 - hold the SYSOUT data set for TSO
100	(64) X'8'		0	YUX67R08	"8" Return code 8 - process the SYSOUT data set normally
100	(64) X'C'		0	YUX67R12	"12" Return code 12 - reserved (treated like RC 16)
100	(64) X'10'		0	YUX67R16	"16" Return code 16 - dummy the exit and purge the SYSOUT data set
		YUX67MAX must be equated to the highest return code value.			
100	(64) X'10'		0	YUX67MAX	"YUX67R16" Maximum return code value
		End of IATUX67 parameter list.			
132	(84) SIGNED		4	YUX67END(0)	End of parameter list
132	(84) X'84'		0	YUX67SIZ	"YUX67END-IATYUX67" Size of parameter list

Table 94. Cross Reference for IATYUX67

Name	Offset	Hex Tag
IATYUX67	0	
YUX67DNM	38	40404040
YUX67DNO	30	40404040
YUX67END	84	
YUX67ID	0	E8E4E7F6
YUX67JID	28	40404040
YUX67JNM	20	40404040
YUX67MAX	64	10
YUX67NDH	40	
YUX67NOD	10	40404040
YUX67RS1	44	
YUX67RS2	54	
YUX67RS3	64	
YUX67RTK	C	
YUX67R00	64	0
YUX67R04	64	4
YUX67R08	64	8
YUX67R12	64	C
YUX67R16	64	10
YUX67SIZ	84	84
YUX67USR	18	40404040
YUX67UTK	8	
YUX67VID	6	1
YUX67VSN	6	
YUX67313	6	1

IATYUX69 information

IATYUX69 programming interface information

IATYUX69 is a programming interface.

IATYUX69 heading information

Common name:	Exit 69 parameter list.
Macro ID:	IATYUX69
DSECT name:	YUX69STR
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	YUX69 Offset: 0 Length: 6
Storage attributes:	Main Storage: User's address space, subpool 253 Auxiliary Storage: n/a Key: 0 Residency: Any
Size:	YUX69SIZ
Created by:	IATSIWO
Pointed to by:	n/a
Serialization:	None
Function:	Maps the parameter list passed to exit 69.

IATYUX69 mapping

Table 95. Structure YUX69STR

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	YUX69STR	
0	(0)	CHARACTER	6	YUX69ID	Control block identifier
6	(6)	ADDRESS	2	YUX69VER	Version level
6	(6)	X'1'	0	YUX69521	"1" SP521 version indicator
6	(6)	X'1'	0	YUX69CUR	"YUX69521" Current version
8	(8)	ADDRESS	4	YUX69TXP	Pointer to message text
12	(C)	SIGNED	2	YUX69TXL	Length of the message text
14	(E)	SIGNED	2	YUX69RSV	Reserved
16	(10)	ADDRESS	4	YUX69SVT	JES3 SSVT address
20	(14)	SIGNED	4	YUX69SEQ	WTO sequence number (the DOM or connect ID of the message)
24	(18)	SIGNED	4	YUX69WRK(5)	Exit work area. This is a general purpose work area for use by the exit routine(s). For example, if multiple exit routines exist for the exit, this area can be used to pass information from one routine to another.
44	(2C)	SIGNED	4	YUX69RSD(2)	Reserved for development
52	(34)	SIGNED	4	YUX69RSU(2)	Reserved for user
60	(3C)	SIGNED	4	YUX69RSS(2)	Reserved for service
68	(44)	CHARACTER	8	YUX69JBD	JOBID of the WTO/WTOR issuer
76	(4C)	CHARACTER	8	YUX69JBN	Jobname of the WTO/WTOR issuer
84	(54)	CHARACTER	8	YUX69SYS	System name. The name of the system from which the exit is being called.

Table 95. Structure YUX69STR (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
92	(5C)	CHARACTER	8	YUX69KEY	WTO retrieval key. This is the KEY= parameter from the WTO.
100	(64)	BITSTRING	1	YUX69TYP	Message type indicator
		Definition of YUX69TYP. Bit settings correspond to T35FLAG1 and YUX70TYP.			
		1...		YUX69SIN	"X'80'" Single line message
		.1..		YUX69MAJ	"X'40'" Major line of a multi-line message
		..1.		YUX69TOR	"X'20'" Message is a WTOR
		...1		YUX69CMD	"X'10'" Message is a command
		.... 1...		YUX69REP	"X'08'" Message is a WTOR reply
		Definition of exit return codes.			
100	(64)	X'0'	0	YUX69R00	"0" Return code 0. This return code indicates no further processing is needed for the message.
100	(64)	X'4'	0	YUX69R04	"4" Return code 4. This return code indicates the message should be sent to the JES3 global address space for further processing by user exit 70.
104	(68)	SIGNED	4	YUX69END(0)	End of parm list
104	(68)	X'68'	0	YUX69SIZ	"*-YUX69STR" Size of parameter list

Table 96. Cross Reference for IATYUX69

Name	Offset	Hex Tag
YUX69CMD	64	10
YUX69CUR	6	1
YUX69END	68	
YUX69ID	0	
YUX69JBD	44	
YUX69JBN	4C	
YUX69KEY	5C	
YUX69MAJ	64	40
YUX69REP	64	8
YUX69RSD	2C	
YUX69RSS	3C	
YUX69RSU	34	
YUX69RSV	E	
YUX69R00	64	0
YUX69R04	64	4
YUX69SEQ	14	
YUX69SIN	64	80
YUX69SIZ	68	68
YUX69STR	0	
YUX69SVT	10	
YUX69SYS	54	
YUX69TOR	64	20
YUX69TXL	C	

Table 96. Cross Reference for IATYUX69 (continued)

Name	Offset	Hex Tag
YUX69TXP	8	
YUX69TYP	64	
YUX69VER	6	
YUX69WRK	18	
YUX69521	6	1

IATYUX70 information

IATYUX70 programming interface information

IATYUX70 is a programming interface.

IATYUX70 heading information

Common name:	Exit 70 parameter list.
Macro ID:	IATYUX70
DSECT name:	YUX70STR
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	YUX70 Offset: 0 Length: 6
Storage attributes:	Main Storage: Subpool 0 Auxiliary Storage: n/a Key: 1 Residency: Any
Size:	YUX70SIZ
Created by:	IATCNSV
Pointed to by:	n/a
Serialization:	None
Function:	Maps the parameter list passed to exit 70.

IATYUX70 mapping

Table 97. Structure YUX70STR

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	YUX70STR	
0	(0)	CHARACTER	6	YUX70ID	Control block identifier
6	(6)	ADDRESS	2	YUX70VER	Version level
6	(6)	X'1'	0	YUX70521	"1" SP521 version indicator
6	(6)	X'1'	0	YUX70CUR	"YUX70521" Current version
8	(8)	ADDRESS	4	YUX70PTX	Pointer to primary message text. If the current message is a minor line of a multi-line message, this field contains the address of the original major line and YUX70STX contains the address of the current minor line. Otherwise (i.e. not a multi-line message) this field contains the address of the single line message text and YUX70STX is zero.

Table 97. Structure YUX70STR (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
12	(C)	ADDRESS	4	YUX70STX	Pointer to secondary message text. When exit 70 is called for a minor line of a multi-line message, this field contains the address of the current minor line and YUX70PTX contains the address of the original major line.
16	(10)	SIGNED	2	YUX70PTL	Length of primary message text. This field contains the length of the text pointed to by YUX70PTX.
18	(12)	SIGNED	2	YUX70STL	Length of secondary message text. This field contains the length of the text pointed to by YUX70STX.
20	(14)	SIGNED	4	YUX70SEQ	WTO sequence number (the DOM or connect ID of the message).
24	(18)	ADDRESS	4	YUX70TVT	Address of JES3 TVT
28	(1C)	ADDRESS	4	YUX70FCT	Address of current FCT
32	(20)	SIGNED	4	YUX70WRK(5)	Exit work area. This is a general purpose work area for use by the exit routine(s). For example, if multiple exit routines exist for the exit, this area can be used to pass information from one routine to another.
52	(34)	SIGNED	4	YUX70RSD(2)	Reserved for development
60	(3C)	SIGNED	4	YUX70RSU(2)	Reserved for user
68	(44)	SIGNED	4	YUX70RSS(2)	Reserved for service
76	(4C)	CHARACTER	8	YUX70JBD	JOBID of the WTO/WTOR issuer
84	(54)	CHARACTER	8	YUX70JBN	Jobname of the WTO/WTOR issuer
92	(5C)	CHARACTER	8	YUX70SYS	Name of the system from which the message was originally issued.
100	(64)	CHARACTER	8	YUX70KEY	WTO retrieval key. This is the KEY= parameter from the WTO.
108	(6C)	BITSTRING	1	YUX70TYP	Message type indicator
Definition of YUX70TYP. Bit settings correspond to T35FLAG1 and YUX69TYP.					
		1...		YUX70SIN	"X'80'" Single line message
		.1..		YUX70MAJ	"X'40'" Major line of a multi-line message
		..1.		YUX70TOR	"X'20'" Message is a WTOR
		...1		YUX70CMD	"X'10'" Message is a command
		.... 1...		YUX70REP	"X'08'" Message is a WTOR reply
		.... .1..		YUX70MIN	"X'04'" Minor line of a multi-line message
109	(6D)	BITSTRING	1	YUX70MLW	Multi-line type flag. When YUX70MAJ or YUX70MIN is on, YUX70MLW indicates the line type of the current message.
Definition of YUX70MLW. Bit settings correspond to T35MLFLG.					
		1...		YUX70CON	"X'80'" Control line
		.1..		YUX70LBL	"X'40'" Label line
		..1.		YUX70DAT	"X'20'" Data line
		...1		YUX70END	"X'10'" End line
109	(6D)	X'6E'	0	YUX70SIZ	"*-YUX70STR" Size of parameter list

Table 98. Cross Reference for IATYUX70

Name	Offset	Hex Tag
YUX70CMD	6C	10
YUX70CON	6D	80
YUX70CUR	6	1
YUX70DAT	6D	20
YUX70END	6D	10
YUX70FCT	1C	
YUX70ID	0	
YUX70JBD	4C	
YUX70JBN	54	
YUX70KEY	64	
YUX70LBL	6D	40
YUX70MAJ	6C	40
YUX70MIN	6C	4
YUX70MLW	6D	
YUX70PTL	10	
YUX70PTX	8	
YUX70REP	6C	8
YUX70RSD	34	
YUX70RSS	44	
YUX70RSU	3C	
YUX70SEQ	14	
YUX70SIN	6C	80
YUX70SIZ	6D	6E
YUX70STL	12	
YUX70STR	0	
YUX70STX	C	
YUX70SYS	5C	
YUX70TOR	6C	20
YUX70TVT	18	
YUX70TYP	6C	
YUX70VER	6	
YUX70WRK	20	
YUX70521	6	1

IATYUX72 information

IATYUX72 programming interface information

IATYUX72 is a programming interface.

IATYUX72 heading information

Common name: User exit 72 parameter list.

Macro ID: IATYUX72

DSECT name: YUX72STR

Owning component: JES3 (SC1BA)

Eye-catcher ID:	YUX72				
	Offset: 0				
	Length: 6				
Storage attributes:	Main Storage: Subpool 0				
	Auxiliary Storage: n/a				
	Key: 1 (JES KEY)				
	Residency: Any				
Size:	YUX72SIZ				
Created by:	IATMOOI, IATOSDO, IATOSPC, IATOSSO				
Pointed to by:	Register 1 on entry to IATUX72				
Serialization:	None				
Function:	Maps the parameter list passed to exit 72.				

IATYUX72 mapping

Table 99. Structure YUX72STR

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	YUX72STR	
0	(0)	CHARACTER	6	YUX72ID	Control block identifier
6	(6)	ADDRESS	2	YUX72VER	Version level
6	(6)	X'1'	0	YUX72INI	"1" Init (OW32807) version indicator
6	(6)	X'2'	0	YUX72V2	"2" SSI 70 version number
6	(6)	X'2'	0	YUX72CUR	"YUX72V2" Current version
8	(8)	ADDRESS	4	YUX72RQA	RSQ address
12	(C)	ADDRESS	4	YUX72JDS	Address of JDS entry for sysout data set being modified. May be zero if JDS entry is not being used by the function performing the modify.
16	(10)	ADDRESS	4	YUX72OSV	Address of OSE variable section
20	(14)	ADDRESS	4	YUX72OSD	Address of OSE data set section. May be zero if more than one data set is being modified.
		The following four fields hold addresses of data areas used by the callers of IATUX72. Only one of the addresses will be filled in with a non-zero value. The identity of the caller determines which address will be filled in.			
24	(18)	ADDRESS	4	YUX72MOS	Address of IATMOOS/MOOI Data Area (IATYMOOS) if the caller is MODOSFCT
28	(1C)	ADDRESS	4	YUX72WSP	Address of Writer Selection Parameter Area (IATYWSP) if the caller is PSODSP
32	(20)	ADDRESS	4	YUX72SDW	Address of SAPI DSP Work Area (IATYSDW) if the caller is SAPIDSP
36	(24)	ADDRESS	4	YUX72OSA	Address of Output Service Data Area (IATYOSA) if the caller is OUTSERV
40	(28)	ADDRESS	4	YUX72SMW	Address of SWB Merge/Modify Work Area (IATYSMW) if the caller is SJFFCT
44	(2C)	BITSTRING	1	YUX72FL1	Flag byte
		Definition of bits in YUX72FL1			
		1...		YUX72MOD	"X'80'" MODOSFCT (operator modify) is the caller (module IATMOOI)
		.1..		YUX72PSO	"X'40'" PSODSP (process sysout) is the caller (module IATOSPC)

Table 99. Structure YUX72STR (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		YUX72SAP	"X'20'" SAPIDSP (sysout application programming interface) is the caller (module IATOSSO)
		...1		YUX72OUS	"X'10'" OUTSERV (output service driver) is the caller (module IATOSDO)
		.... 1...		YUX72SJF	"X'08'" SJFFCT driver (SSI 70) is the caller (module IATGR70)
		.... .1..		YUX72104	"X'04'" Reserved for IBM
		.... ..1.		YUX72102	"X'02'" Reserved for IBM
		1		YUX72101	"X'01'" Reserved for IBM
45	(2D)	BITSTRING	3	YUX72RS1	Reserved for IBM
48	(30)	SIGNED	4	YUX72RS2(3)	Reserved for IBM
60	(3C)	SIGNED	4	YUX72RU1(8)	Reserved for User
60	(3C)	X'5C'	0	YUX72SIZ	"*-YUX72STR" Size of parameter list

Table 100. Cross Reference for IATYUX72

Name	Offset	Hex Tag
YUX72CUR	6	2
YUX72FL1	2C	
YUX72ID	0	
YUX72INI	6	1
YUX72JDS	C	
YUX72MOD	2C	80
YUX72MOS	18	
YUX72OSA	24	
YUX72OSD	14	
YUX72OSV	10	
YUX72OUS	2C	10
YUX72PSO	2C	40
YUX72RQA	8	
YUX72RS1	2D	
YUX72RS2	30	
YUX72RU1	3C	
YUX72SAP	2C	20
YUX72SDW	20	
YUX72SIZ	3C	5C
YUX72SJF	2C	8
YUX72SMW	28	
YUX72STR	0	
YUX72VER	6	
YUX72V2	6	2
YUX72WSP	1C	
YUX72101	2C	1
YUX72102	2C	2
YUX72104	2C	4

IATYVIO information

IATYVIO heading information

Common name:	Job Validation I/O Element
Macro ID:	IATYVIO
DSECT name:	VIOSTART
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	VIO Offset: 0 Length: 4
Storage attributes:	Main Storage: Any Subpool: 0 Key: 0
Size:	VIOSIZE bytes
Created by:	IATDMVIO
Pointed to by:	VIONEXT in IATYVIO VIOPREV in IATYVIO VIOIONXT in IATYVIO VIWVIOAD in IATYVIW VIWVIORF in IATYVIW VIWVIORL in IATYVIW VIWVIOWF in IATYVIW VIWVIOWL in IATYVIW
Serialization:	NONE
Function:	This macro maps the data that is used to represent an I/O request for a control block during the job validation phase of initialization.

IATYVIO mapping

Table 101. Structure VIOSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	VIOSTART	, Job Validation I/O Element
0	(0)	CHARACTER	4	VIOID	Control Block Id
4	(4)	ADDRESS	4	VIONEXT	Address of the next VIO element
8	(8)	ADDRESS	4	VIOPREV	Address of the previous VIO element
		Input information set when the caller issues an IATXVIO ADD_READ request.			
12	(C)	CHARACTER	8	VIOJOBNM	Job name (for debugging)
20	(14)	CHARACTER	8	VIOJOBID	Job id (for debugging)
28	(1C)	ADDRESS	4	VIOFCT	Address of the FCT which created this element
32	(20)	BITSTRING	1	VIOFDB	Spool record's FDB
32	(20)	X'20'	0	VIOSPADR	"VIOFDB+(FDBSPADR-FDBSTART),L'FDBSPADR" Spool address portion of the FDB. Used as a search argument
32	(20)	X'20'	0	VIOSPMOD	"VIOFDB+(FDBSPMOD-FDBSTART),L'FDBSPMOD" Spool module (extent) portion of the FDB
60	(3C)	BITSTRING	12	VIOROOT	Spool address of control block that contains this spool record
72	(48)	CHARACTER	64	VIODESC	Description of spool record
136	(88)	CHARACTER	4	VIOCBID	Control block id

Table 101. Structure VIOSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		I/O Initiation Related Information.			
140	(8C)	ADDRESS	4	VIOIONXT	Address of the next VIO element that needs I/O to be initiated in this IATXVIO INITIATE call
144	(90)	SIGNED	4	VIORIOSQ	Read I/O initiation sequence number assigned to to this element
148	(94)	SIGNED	4	VIOWIOSQ	Write I/O initiation sequence number assigned to to this element
		Work FDB. This FDB is used to initiate the read and I/O requests for the spool record. Neither the caller's FDB not the VIO copy of the caller's FDB (VIOFDB) is modified.			
152	(98)	BITSTRING	28	VIOWKFDB	Work FDB
180	(B4)	ADDRESS	4	VIODMCAD	DMC address of JSAM buffer obtained for this request
184	(B8)	ADDRESS	4	VIOECFAD	I/O completion ECF address
188	(BC)	BITSTRING	1	VIOECFMK	I/O completion ECF mask
		Time Stamps of Important Events.			
192	(C0)	DBL WORD	8	VIOARDTM	The time that the IATXVIO ADD_READ request was issued
200	(C8)	DBL WORD	8	VIORDITM	The time that the read I/O was initiated for this spool record
208	(D0)	DBL WORD	8	VIORCMTM	The time when the read I/O was determined to be complete for this spool record
216	(D8)	DBL WORD	8	VIOAWTTM	The time that the IATXVIO ADD_WRITE request was issued
224	(E0)	DBL WORD	8	VIOWTITM	The time that the write I/O was initiated for this spool record
232	(E8)	DBL WORD	8	VIOWCMTM	The time when the write I/O was determined to be complete for this spool record
240	(F0)	DBL WORD	8	VIODELTM	The time when an IATXVIO DELETE request was issued for this element
		General Flags.			
248	(F8)	BITSTRING	0	VIOFLAGS(0)	All VIO flags
248	(F8)	BITSTRING	1	VIOFLAG1	General purpose flag one
		Definition of VIOFLAG1.			
		1...		VIOTATRQ	"X'80'" The spool record associated with this VIO element is a job or data set TAT. This is set when TAT=YES is specified for an IATXVIO ADD_READ request.
		.1..		VIOINGET	"X'40'" IATXVIO INITIATE request was issued by the IATXVIO GET service
		..1.		VIOINWTC	"X'20'" IATXVIO INITIATE request was issued by the IATXVIO WRITE_CHECK service
		...1		VIODELET	"X'10'" An IATXVIO DELETE request was issued for this VIO element

Table 101. Structure VIOSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		VIOGTDEL	"X'08'" IATXVIO GET request was issued by the IATXVIO DELETE service
		.... .1..		VIOWCDEL	"X'04'" IATXVIO WRITE_CHECK request was issued by the IATXVIO DELETE service
		.... ..1.		VIOMRFRQ	"X'02'" The spool record associated 09611S2C with this VIO element is 09611S2A a multi-record file. 09611S2A This is set when MRF=YES 09611S2A is specified for an 09611S2A IATXVIO ADD_READ request. 09611S2A 09611S2A
		1		VIOFL101	"X'01'" Reserved flag
249	(F9)	BITSTRING	1	VIOFLAG2	General purpose flag two
		Definition of VIOFLAG2.			
		1...		VIOFL280	"X'80'" Reserved flag
		.1..		VIOFL240	"X'40'" Reserved flag
		..1.		VIOFL220	"X'20'" Reserved flag
		...1		VIOFL210	"X'10'" Reserved flag
		.... 1...		VIOFL208	"X'08'" Reserved flag
		.... .1..		VIOFL204	"X'04'" Reserved flag
		.... ..1.		VIOFL202	"X'02'" Reserved flag
		1		VIOFL201	"X'01'" Reserved flag
		Read Status Flags.			
250	(FA)	BITSTRING	2	VIORFLGS(0)	Read status flags
250	(FA)	BITSTRING	1	VIORFLG1	Read status flag one
		Definition of VIORFLG1.			
		1...		VIOREDRQ	"X'80'" A read request (IATXVIO ADD_READ) was issued for this spool record.
		.1..		VIOFDBIV	"X'40'" The FDB for the specified spool record is invalid. Set when an IATXVFDB error occurs.
		..1.		VIONAVAL	"X'20'" The spool data set for the specified spool record is not available. Set when IATXVFDB returns indicating that the spool data set is not available.
		...1		VIOSURSI	"X'10'" An IATXSIO request was issued for this spool record and it was successful.
		.... 1...		VIOUNRSI	"X'08'" An IATXSIO request was issued for this spool record and it was unsuccessful.
		.... .1..		VIOSURDC	"X'04'" The read I/O for this spool record has completed and was successful. This is set when, for example, an IATXVIO GET request is issued for the record, not when the I/O actually completes.

Table 101. Structure VIOSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... ..1.		VIOUNRDC	"X'02'" The read I/O for this spool record has completed and was unsuccessful. This is set when, for example, an IATXVIO GET request is issued for the record, not when the I/O actually completes.
		1		VIORIDIV	"X'01'" The control block id in spool record doesn't match the one provided by the caller.
250	(FA)	X'7E'	0	VIOBYRED	"VIOFDBIV+VIONAVAL+VIOSURSI+VIOUNRSI+ VIOSURD C+VIOUNRDC" When any of these flags is set, read I/O initiation should be bypassed for this VIO element
251	(FB)	BITSTRING	1	VIORFLG2	Read status flag two
		Definition of VIORFLG2.			
		1...		VIOMREAD	"X'80'" This element is part of a multi-read request.
		.1..		VIOPGFIX	"X'40'" The JSAM buffer that was obtained for this request has been page fixed.
		..1.		VIORF220	"X'20'" Reserved flag
		...1		VIORF210	"X'10'" Reserved flag
		.... 1...		VIORF208	"X'08'" Reserved flag
		.... .1..		VIORF204	"X'04'" Reserved flag
		.... ..1.		VIORF202	"X'02'" Reserved flag
		1		VIORF201	"X'01'" Reserved flag
		Write Status Flags.			
252	(FC)	BITSTRING	2	VIOWFLGS(0)	Write status flags
252	(FC)	BITSTRING	1	VIOWFLG1	Write status flag one
		Definition of VIOWFLG1.			
		1...		VIOWRTRQ	"X'80'" A write request (IATXVIO ADD_WRITE) was issued for this spool record.
		.1..		VIOWIDIV	"X'40'" The control block id in spool record doesn't match the one provided by the caller.
		..1.		VIOSUAWT	"X'20'" An asynchronous AWRITE request was issued for this spool record and it was successful.
		...1		VIOUNAWT	"X'10'" An asynchronous AWRITE request was issued for this spool record and it was unsuccessful.
		.... 1...		VIOSUWTC	"X'08'" The write I/O for this spool record has completed and was successful. This is set when, for example, an IATXVIO WRITE_CHECK request is issued for the record, not when the I/O actually completes.
		.... .1..		VIOUNWTC	"X'04'" The I/O for this spool record has completed and was unsuccessful. This is set when, for example, an IATXVIO WRITE_CHECK request is issued for the record, not when the I/O actually completes.

Table 101. Structure VIOSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... ..1.		VIOWF102	"X'02'" Reserved flag
		1		VIOWF101	"X'01'" Reserved flag
252	(FC)	X'7C'	0	VIOBYWRT	"VIOWIDIV+VIOSUAWT+VIOUNAWT+VIOSUWTC+ VIOUNWT C" When any of these flags is set, write I/O initiation should be bypassed for this VIO element
253	(FD)	BITSTRING	1	VIOWFLG2	Write status flag two
		Definition of VIOWFLG2.			
		1...		VIOWF280	"X'80'" Reserved flag
		.1..		VIOWF240	"X'40'" Reserved flag
		..1.		VIOWF220	"X'20'" Reserved flag
		...1		VIOWF210	"X'10'" Reserved flag
		.... 1...		VIOWF208	"X'08'" Reserved flag
		.... .1..		VIOWF204	"X'04'" Reserved flag
		.... ..1.		VIOWF202	"X'02'" Reserved flag
		1		VIOWF201	"X'01'" Reserved flag
		End of the VIO.			
256	(100)	DBL WORD	8	VIOEND(0)	End of VIO element
256	(100)	X'100'	0	VIOSIZE	"VIOEND-VIOSTART" Size of VIO element
		Miscellaneous VIO Related Equates.			
256	(100)	X'0'	0	VIOSPOOL	"0" Subpool for VIO elements
256	(100)	X'64'	0	VIOPRMXC	"100" Number of VIO elements in the primary extent
256	(100)	X'32'	0	VIOSECXC	"50" Number of VIO elements in the secondary extent

Table 102. Cross Reference for IATYVIO

Name	Offset	Hex Tag
VIOARDTM	C0	0
VIOAWTTM	D8	0
VIOBYRED	FA	7E
VIOBYWRT	FC	7C
VIOCBID	88	40404040
VIODELET	F8	10
VIODELTM	F0	0
VIODESC	48	40404040
VIODMCAD	B4	
VIOECFAD	B8	
VIOECFMK	BC	0
VIOEND	100	
VIOFCT	1C	
VIOFDB	20	0
VIOFDBIV	FA	40
VIOFLAGS	F8	

Table 102. Cross Reference for IATYVIO (continued)

Name	Offset	Hex Tag
VIOFLAG1	F8	0
VIOFLAG2	F9	0
VIOFL101	F8	1
VIOFL201	F9	1
VIOFL202	F9	2
VIOFL204	F9	4
VIOFL208	F9	8
VIOFL210	F9	10
VIOFL220	F9	20
VIOFL240	F9	40
VIOFL280	F9	80
VIOGTDEL	F8	8
VIOID	0	E5C9D640
VIOINGET	F8	40
VIOINWTC	F8	20
VIOIONXT	8C	
VIOJOBID	14	40404040
VIOJOBNM	C	40404040
VIOMREAD	FB	80
VIOMRFRQ	F8	2
VIONAVAL	FA	20
VIONEXT	4	
VIOPGFIX	FB	40
VIOPREV	8	
VIOPRMXC	100	64
VIORCMTM	D0	0
VIORDITM	C8	0
VIOREDRQ	FA	80
VIORFLGS	FA	
VIORFLG1	FA	0
VIORFLG2	FB	0
VIORF201	FB	1
VIORF202	FB	2
VIORF204	FB	4
VIORF208	FB	8
VIORF210	FB	10
VIORF220	FB	20
VIORIDIV	FA	1
VIORIOSQ	90	0
VIOROOT	3C	0
VIOSECXC	100	32
VIOSIZE	100	100
VIOSPADR	20	20
VIOSPMOD	20	20
VIOSPOOL	100	0
VIOSTART	0	

Table 102. Cross Reference for IATYVIO (continued)

Name	Offset	Hex Tag
VIOSUAWT	FC	20
VIOSURDC	FA	4
VIOSURSI	FA	10
VIOSUWTC	FC	8
VIOTATRQ	F8	80
VIOUNAWT	FC	10
VIOUNRDC	FA	2
VIOUNRSI	FA	8
VIOUNWTC	FC	4
VIOWCDEL	F8	4
VIOWCMTM	E8	0
VIOWFLGS	FC	
VIOWFLG1	FC	0
VIOWFLG2	FD	0
VIOWF101	FC	1
VIOWF102	FC	2
VIOWF201	FD	1
VIOWF202	FD	2
VIOWF204	FD	4
VIOWF208	FD	8
VIOWF210	FD	10
VIOWF220	FD	20
VIOWF240	FD	40
VIOWF280	FD	80
VIOWIDIV	FC	40
VIOWIOSQ	94	0
VIOWKFDB	98	0
VIOWRTRQ	FC	80
VIOWTITM	E0	0

IATYVITR information

IATYVITR heading information

Common name:	Job Validation I/O Trace Entry
Macro ID:	IATYVITR
DSECT name:	VITSTART
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Main Storage: Any Subpool: 0 Key: 0
Size:	VITSIZE bytes
Created by:	IATDMVIO
Pointed to by:	VIWTRSTR in IATYVIW VIWTREND in IATYVIW VIWTRCUR in IATYVIW
Serialization:	NONE

| | Function: | This macro maps the trace information that is put into the Job Validation I/O trace table when a VIO element (IATYVIO) is deleted. This allows a user to determine what IATXVIO requests were performed by this FCT, even after the VIO element is deleted. Note: There is no need to trace information related to non-deleted VIO elements since the VIO element contains enough time stamps and other information to debug problems. |

IATYVITR mapping

Table 103. Structure VITSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	VITSTART	, Job Validation I/O Trace Entry
		Job and Spool Related Information.			
0	(0)	CHARACTER	8	VITJOBNM	Job name
8	(8)	CHARACTER	8	VITJOBID	Job id
16	(10)	CHARACTER	64	VITDESC	Description of spool record
80	(50)	CHARACTER	4	VITCBID	Control block id
84	(54)	ADDRESS	4	VITVIOAD	VIO element address associated with this trace entry
88	(58)	BITSTRING	28	VITFDB	Spool record's FDB
116	(74)	BITSTRING	4	VITRSVD1	Reserved for development
		Time Stamps of Important Events.			
120	(78)	DBL WORD	8	VITARDTM	The time that the IATXVIO ADD_READ request was issued
128	(80)	DBL WORD	8	VITRDITM	The time that the read I/O was initiated for this spool record
136	(88)	DBL WORD	8	VITRCMTM	The time when the read I/O was determined to be complete for this spool record
144	(90)	DBL WORD	8	VITAWTTM	The time that the IATXVIO ADD_WRITE request was issued
152	(98)	DBL WORD	8	VITWTITM	The time that the write I/O was initiated for this spool record
160	(A0)	DBL WORD	8	VITWCMTM	The time when the write I/O was determined to be complete for this spool record
168	(A8)	DBL WORD	8	VITDELTM	The time when an IATXVIO DELETE request was issued for this element
		Flags. See IATYVIO for the flag definitions.			
176	(B0)	BITSTRING	6	VITFLAGS	Flags
182	(B6)	BITSTRING	2	VITRSVD2	Reserved for development
		End of the VIT.			
184	(B8)	DBL WORD	8	VITEND(0)	End of trace entry
184	(B8)	X'B8'	0	VITSIZE	"VITEND-VITSTART" Size of trace entry
		Miscellaneous Equates.			
184	(B8)	X'1E'	0	VITCOUNT	"30" Number of entries in the trace table

Table 103. Structure VITSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
184	(B8)	X'1590'	0	VITTOTSZ	"VITCOUNT*VITSIZE" Total size of the trace table

Table 104. Cross Reference for IATYVITR

Name	Offset	Hex Tag
VITARDTM	78	0
VITAWTTM	90	0
VITCBID	50	40404040
VITCOUNT	B8	1E
VITDELTM	A8	0
VITDESC	10	40404040
VITEND	B8	
VITFDB	58	0
VITFLAGS	B0	0
VITJOBID	8	40404040
VITJOBNM	0	40404040
VITRCMTM	88	0
VITRDITM	80	0
VITRSVD1	74	0
VITRSVD2	B6	0
VITSIZE	B8	B8
VITSTART	0	
VITTOTSZ	B8	1590
VITVIOAD	54	
VITWCMTM	A0	0
VITWTITM	98	0

IATYVIW information

IATYVIW heading information

Common name:	Job Validation I/O Work Area
Macro ID:	IATYVIW
DSECT name:	VIWSTART
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	VIW Offset: 0 Length: 4
Storage attributes:	Main Storage: Any Subpool: 0 Key: 0
Size:	VIWSIZE bytes
Created by:	IATDMVIO
Pointed to by:	JVDVIWAD in IATYJVD
Serialization:	NONE
Function:	This macro maps the work area that is used by the Job Validation I/O services module, IATDMVIO.

IATYVIW mapping

Table 105. Structure VIWSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	VIWSTART	, Job Validation I/O Work Area
0	(0)	CHARACTER	4	VIWID	Control Block Id
		Control Block Addresses.			
4	(4)	ADDRESS	4	VIWFCTAD	Address of the FCT which created this VIW
8	(8)	ADDRESS	4	VIWVIOAD	Address of the VIO element chain for this FCT
		I/O Initiation Related Information.			
12	(C)	SIGNED	4	VIWIOSEQ	Current I/O sequence number
16	(10)	DBL WORD	8	VIWINTTM	Time stamp when IATXVIO INITIATE request was processed
24	(18)	ADDRESS	4	VIWVIORF	Address of the first VIO element that needs a read I/O to be initiated
28	(1C)	ADDRESS	4	VIWVIORL	Address of the last VIO element that needs a read I/O to be initiated
32	(20)	ADDRESS	4	VIWVIOWF	Address of the first VIO element that needs a write I/O to be initiated
36	(24)	ADDRESS	4	VIWVIOWL	Address of the last VIO element that needs a write I/O to be initiated
40	(28)	SIGNED	4	VIWINTCT	Number of IATXVIO INITIATE requests that were issued where there was at least one buffer to process
44	(2C)	SIGNED	4	VIWBUFCT	Number of buffers processed
48	(30)	SIGNED	4	VIWSIOCT	Number of IATXSIO's issued
		Save Areas.			
52	(34)	SIGNED	4	VIWSAVE1(13)	Register save area for registers 2 through 14
104	(68)	SIGNED	4	VIWSIOSV(16)	Save area to save registers across IATXSIO macro
		Trace Table Related Information. When a VIO element is deleted from the queue, this trace table is updated with information from the VIO element. This allows a user to determine what IATXVIO requests were performed by this FCT, even after the VIO element is deleted. Note: There is no need to trace information related to non-deleted VIO elements since the VIO element contains enough time stamps and other information to debug problems.			
168	(A8)	ADDRESS	4	VIWTRSTR	Trace table start address
172	(AC)	ADDRESS	4	VIWTREND	Trace table end address
176	(B0)	ADDRESS	4	VIWTRNXT	Address of next trace table entry to use
		Recovery Information.			
180	(B4)	ADDRESS	4	VIWRTYAD	Retry address for JESTAE
184	(B8)	ADDRESS	4	VIWRBSAD	Retry base address
188	(BC)	ADDRESS	4	VIWERVIO	VIO element in error

Table 105. Structure VIWSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		Parameter Lists. IATXVFDB Parameter List. IWXVFDB IATXVFDB MF=L IATXVFDB Parameter List $S2= SDSB HJS7750 071018 PD0TN: z 1.10.0 09611S2A			
192	(C0)	ADDRESS	4	VIWXVFDB	FDB ADDRESS
196	(C4)	ADDRESS	4		ADDRESS OF ROOT M.R
200	(C8)	ADDRESS	4		DESCRIPTION ADDRESS
204	(CC)	CHARACTER	4		SPOOL RECORD ID
204	(CC)	X'10'	0	VIWXVFSZ	"*-VIWXVFDB" Size of parameter list
		Message Text (WTO parm list) for IATXVSRE Service. IWXVSRE WTO 'xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx', X				
208	(D0)	SIGNED	4	VIWXVSRE(0)	
208	(D0)	ADDRESS	2		TEXT LENGTH
210	(D2)	BITSTRING	2		MCSFLAGS
212	(D4)	CHARACTER	45		
220	(DC)	X'31'	0	VIWXVSSZ	"*-VIWXVSRE" Size of parameter list
		Flags.			
257	(101)	BITSTRING	1	VIWFLAG1	Flag one
		Definition of VIWFLAG1.			
		1...		VIWDELER	"X'80'" An error occurred during this IATXVIO DELETE request
		.1..		VIWCLNER	"X'40'" An error occurred during this IATXVIO CLEANUP request
		..1.		VIWFL220	"X'20'" Reserved flag
		...1		VIWFL210	"X'10'" Reserved flag
		.... 1...		VIWFL208	"X'08'" Reserved flag
		.... .1..		VIWFL204	"X'04'" Reserved flag
		.... ..1.		VIWFL202	"X'02'" Reserved flag
		1		VIWFL201	"X'01'" Reserved flag
		End of the VIW.			
264	(108)	DBL WORD	8	VIWEND(0)	End of VIW element
264	(108)	X'108'	0	VIWSIZE	"VIWEND-VIWSTART" Size of VIW element

Table 106. Cross Reference for IATYVIW

Name	Offset	Hex Tag
VIWBUFCT	2C	0
VIWCLNER	101	40
VIWDELER	101	80
VIWEND	108	
VIWERVIO	BC	
VIWFCTAD	4	
VIWFLAG1	101	0
VIWFL201	101	1

Table 106. Cross Reference for IATYVIW (continued)

Name	Offset	Hex Tag
VIWFL202	101	2
VIWFL204	101	4
VIWFL208	101	8
VIWFL210	101	10
VIWFL220	101	20
VIWID	0	E5C9E640
VIWINTCT	28	0
VIWINTTM	10	0
VIWIOSEQ	C	0
VIWRBSAD	B8	
VIWRTYAD	B4	
VIWSAVE1	34	0
VIWSIOCT	30	0
VIWSIOSV	68	0
VIWSIZE	108	108
VIWSTART	0	
VIWTREND	AC	
VIWTRNXT	B0	
VIWTRSTR	A8	
VIWVIOAD	8	
VIWVIORF	18	
VIWVIORL	1C	
VIWVIOWF	20	
VIWVIOWL	24	
VIWXVFDB	C0	
VIWXVFSZ	CC	10
VIWXVSRE	D0	
VIWXVSSZ	DC	31

IATYVLM information

IATYVLM heading information

Common name:	RESIDENT VOLUME ALLOCATION TABLE
Macro ID:	IATYVLM
DSECT name:	VLMBUF, VLMENTRY
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Main Storage: JESPOOL Auxiliary Storage: N/A
Size:	88 Bytes
Created by:	IATMDSB
Pointed to by:	MDSVLCHN IN IATYMDS (ENTRY POINTERS) SYSVOLAD IN IATYSYS (DEVICE'S VOL ENTRY) VLMCHAIN IN IATYVLM (NEXT VOLUME ENTRY) MDSVLBUF IN IATYMDS (FIRST BUFFER) VLMBFNXT IN IATYVLM (NEXT BUFFER) VLMBFPRV IN IATYVLM (PREVIOUS BUFFER)
Serialization:	VIA MDSVLM MACRO

IATYVLM mapping

Table 107. Structure VLMBUF

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	VLMBUF	
0	(0)	SIGNED	4	VLMBFNXT	POINTER TO NEXT VOLUME BUFF
4	(4)	SIGNED	4	VLMBFPRV	POINTER TO PREV VOLUME BUFF 122
8	(8)	SIGNED	2	VLMNFREE	NUMBER OF EMPTY SLOTS
10	(A)	SIGNED	2		
12	(C)	SIGNED	4		
16	(10)	SIGNED	4		
20	(14)	SIGNED	4	VLMBFEND(0)	END OF BUFFER HEADER
20	(14)	BITSTRING	1	VLMBFSIZ(0)	SIZE OF HEADER

Table 108. Structure VLMENTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	VLMENTRY	
0	(0)	SIGNED	4	VLMCHAIN	POINTER TO NEXT VOLUME ENTRY
4	(4)	CHARACTER	6	VLMSER	VOLUME SERIAL NUMBER
12	(C)	SIGNED	4	VLMUSECT	Volume use count
16	(10)	SIGNED	4	VLMDSNPT(11)	SETDSN HASH TABLE
16	(10)	X'B'	0	VLMHSHCT	"11" NUMBER OF SETDSN HASH TABLE ENTRIES
60	(3C)	SIGNED	4		- RESERVED FOR SERVICE
64	(40)	SIGNED	4		- RESERVED FOR DEVELOPMENT
68	(44)	BITSTRING	1	VLMFL1	VLMFL1 FLAG BYTE 1
		1...		VLMALLOC	"X'80'" VOLUME IS ALLOCATED
		.1..		VLMVFYPD	"X'40'" VOLUME VERIFICATION PENDING
		..1.		VLMEXCL	"X'20'" VOLUME USE IS EXCLUSIVE
		...1		VLMRSRV	"X'10'" VOLUME IS RESERVED
		.... 1...		VLMRESHR	"X'08'" RESERVER CAN SHARE VOLUME
		.... .1..		VLMACC	"X'04'" ENTRY SHOWS PROCESSOR ACCESS
		.... ..1.		VLMDAUNV	"X'02'" DASD VOLUME UNAVAILABLE
		1		VLMTAUNV	"X'01'" TAPE VOLUME UNAVAILABLE
68	(44)	X'3'	0	VLMUNAV	"VLMDAUNV+VLMTAUNV" VOLUME IS UNAVAILABLE
68	(44)	X'87'	0	VLMBUSY	"VLMALLOC+VLMUNAV+VLMACC" VOLUME IS BUSY
69	(45)	BITSTRING	1	VLMFL2	VLMFL2 FLAG BYTE 2
		1...		VLMDAFET	"X'80'" DA VOLUME HAS BEEN FETCHED
		.1..		VLMTAFET	"X'40'" TAPE VOL HAS BEEN FETCHED
		..1.		VLMDA	"X'20'" DIRECT ACCESS VOLUME
		...1		VLMREQ	"X'10'" A JOB NEEDS THIS VOLUME
		.... 1...		VLMWTVFY	"X'08'" A JOB IS WAITING FOR VERIFY
		.... .1..		VLMMSV	"X'04'" MSS MASS STORAGE VOLUME
		.... ..1.		VLMSVXEX	"X'02'" MSV SETVOL EXTENSION EXISTS

Table 108. Structure VLMENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1		VLMSCR	"X'01'" SETVOL USED FOR SCRTCH
70	(46)	BITSTRING	1	VLMRSPTY	PRTY OF JOB RESERVING VOLUME
71	(47)	BITSTRING	1	VLMFL3	VLMFL3 FLAG BYTE 3
		1...		VLMSCRAP	"X'80'" SCRATCH ALLOCATION PENDING
		.1..		VLMJBMNT	"X'40'" VOLUME MOUNTED TO JOB
		..1.		VLMMSDEL	"X'20'" MSS VOLUME TO BE DELETED AFTER LAST USE COMPLETE
		...1		VLMUNFET	"X'10'" START SETUP NOT YET DONE, SO FETCH NOT COMPLETE
		.... 1...		VLMDEALC	"X'08'" EARLY DEALLOCATION DONE BY MSVC INTERFACE SUBRTN
		.... .1..		VLMDMSMS	"X'04'" DUMMY SMS SETVOL ENTRY USED
72	(48)	BITSTRING	1	VLMFL4	VLMFL4 FLAG BYTE 4 FOR DEVELOPMENT
74	(4A)	SIGNED	2	VLMSYSAL	SYSUNIT WHERE VOLUME ALLOC'D
76	(4C)	SIGNED	2	VLMSYSRS	SYSUNIT WHERE VOLUME RESIDES
76	(4C)	SIGNED	4	VLMPAT	PAT TABLE FOR MSV VOLUME
80	(50)	SIGNED	4	VLMJOBNO	Job number of single user
84	(54)	SIGNED	4	VLMALCNT	Number of allocated users
88	(58)	SIGNED	4	VLMSVX	MSV SETVOL EXTENSION ADDR
92	(5C)	SIGNED	4		RESERVED FOR IBM
96	(60)	SIGNED	4	VLMEND(0)	END OF VOLUME ENTRY
96	(60)	BITSTRING	1	VLMSIZE(0)	SIZE OF VOLUME ENTRY

Table 109. Cross Reference for IATYVLM

Name	Offset	Hex Tag
VLMACC	44	4
VLMALCNT	54	
VLMALLOC	44	80
VLMBFEND	14	
VLMBFNXT	0	
VLMBFPRV	4	
VLMBFSIZ	14	
VLMBUF	0	
VLMBUSY	44	87
VLMCHAIN	0	
VLMDA	45	20
VLMDAFET	45	80
VLMDAUNV	44	2
VLMDEALC	47	8
VLMDMSMS	47	4
VLMDSNPT	10	
VLMEND	60	
VLMENTRY	0	
VLMEXCL	44	20
VLMFL1	44	
VLMFL2	45	
VLMFL3	47	

Name	Offset	Hex Tag
VLMFL4	48	
VLMHSHCT	10	B
VLMJBMNT	47	40
VLMJOBNO	50	
VLMMSDEL	47	20
VLMMSV	45	4
VLMNFREE	8	
VLMPAT	4C	
VLMREQ	45	10
VLMRESHR	44	8
VLMRSPTY	46	
VLMRSRV	44	10
VLMSCR	45	1
VLMSCRAP	47	80
VLMSER	4	
VLMSIZE	60	
VLMSVX	58	
VLMSVXEX	45	2
VLMSYSAL	4A	
VLMSYSRS	4C	
VLMTAFET	45	40
VLMTAUNV	44	1
VLMUNAV	44	3
VLMUNFET	47	10
VLMUSECT	C	
VLMVFYPD	44	40
VLMWTVFY	45	8

IATYVSR information

IATYVSR programming interface information

IATYVSR is a programming interface.

IATYVSR heading information

Common name:	VS2-2 SCHEDULER CONTROL BLOCK RECORD FORMAT
Macro ID:	IATYVSR
DSECT name:	VSRPRFXL
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Main Storage: SUBPOOL 236 Auxiliary Storage: JCBLOCK Dataset
Size:	16 Bytes
Created by:	MVS CONVERTER INTERPRETER
Pointed to by:	IDDSWBUF in IATYIDD IIWINPUT in IATYIIW Parameter List pointed to by QMPCL in IEFQMNGR

Serialization:	NONE				
Function:	This macro maps the SWA Prefix.				

IATYVSR mapping

Table 110. Structure ZB502

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	ZB502	
0	(0)	SIGNED	4	SWPRBN	RELATIVE BLOCK NUMBER
4	(4)	CHARACTER	1	SWPSTA	STATUS BYTE
		1...		SWPWRT	"X'80'" INDICATES BLOCK WRITTEN
		.1..		SWPNSWA	"X'40'" NOT SWA MANAGED (HAS NO SVA)
		..1.		SWPCPL1	"X'20'" BLOCK IN SWA CELL POOL 1
		...1		SWPCPL2	"X'10'" BLOCK IN SWA CELL POOL 2
		.... 1...		SWPCPL3	"X'08'" BLOCK IN SWA CELL POOL 3
		.... .1..		SWPCPL4	"X'04'" BLOCK IN SWA CELL POOL 4
5	(5)	CHARACTER	3	SWPVA	SVA OF BLOCK
8	(8)	CHARACTER	1	SWPID	BLOCK IDENTIFIER
9	(9)	CHARACTER	3	SWPLNGTH	BLOCK LENGTH (NOT INCLUDING PREFIX)
12	(C)	CHARACTER	4	SWPACRO	BLOCK ACRONYM
		JES3 ONLY DEFINITION OF FIELDS WITHIN THE PREFIX USED TO REFER TO BLOCKS IN THE JCBLOCK DATA SET			
		..1.		VSRCONT	"X'20'" - ON: THIS IS A CONTINUATION SWB RECORD
12	(C)	X'C'	0	VSRCHNXT	"SWPACRO" ACRONYM FIELD USED TO HOLD NEXT SWB CHAIN PTR FOR SWB RECORDS
12	(C)	X'10'	0	VSRPRFXL	"*-SWPRBN" PREFIX LENGTH

Table 111. Cross Reference for IATYVSR

Name	Offset	Hex Tag
SWPACRO	C	
SWPCPL1	4	20
SWPCPL2	4	10
SWPCPL3	4	8
SWPCPL4	4	4
SWPID	8	
SWPLNGTH	9	
SWPNSWA	4	40
SWPRBN	0	
SWPSTA	4	
SWPVA	5	
SWPWRT	4	80
VSRCHNXT	C	C
VSRCONT	C	20
VSRPRFXL	C	10
ZB502	0	

IATYWBQS information

IATYWBQS heading information

Common name:	Workload Manager Batch Queue Sampling Information
Macro ID:	IATYWBQS
DSECT name:	WBQS_PREFIX WBQS_SYSPLEX_SC_ENTRY WBQS_SYSPLEX_RC_ENTRY WBQS_SYSTEM_SC_ENTRY
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Main Storage: Any Subpool: 0 Key: 0
Size:	WBQS_PFXSIZE (for WBQS_PREFIX) WBQS_SYSPLEX_SC_SIZE (for WBQS_SYSPLEX_SC_ENTRY) WBQS_SYSPLEX_RC_SIZE (for WBQS_SYSPLEX_RC_ENTRY) WBQS_SYSTEM_SC_SIZE (for WBQS_SYSTEM_SC_ENTRY)
Created by:	IATINWLM
Pointed to by:	SRVC_CRSYSPLX in IATYSRVC (contained within) SRVC_PVSYSPLX in IATYSRVC (contained within) SRVC_CRSYSTEM in IATYSRVC (contained within) SRVC_PVSYSTEM in IATYSRVC (contained within) WLM_PVPLEXRC in IATYWLM WLM_CRPLEXRC in IATYWLM
Serialization:	None
Function:	This macro maps the data areas that are used to keep track of WLM batch queue sampling information in the JES3 global. The sampling information resides in two places: (1) The SYSPLEX and system specific service class information resides in the Service Class Table (IATYSRVC). (2) The report class information resides in the WLM data space.

IATYWBQS mapping

Table 112. Structure WBQS_PREFIX

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	WBQS_PREFIX	, Matrix Prefix
0	(0)	CHARACTER	24	WBQS_PFXID	Identifies the type of matrix that follows
24	(18)	SIGNED	4	WBQS_PFXLEN	The total length of the matrix that follows, not including the prefix
28	(1C)	SIGNED	4	WBQS_RSVD1	Reserved for development
32	(20)	DBL WORD	8	WBQS_PFXEND(0)	End of prefix
32	(20)	X'20'	0	WBQS_PFXSIZE	"*-WBQS_PREFIX" Size of prefix

Table 113. Structure WBQS_SYSPLEX_SC_ENTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	WBQS_SYSPLEX_SC_ENTRY	, SYSPLEX/Service Class Entry
0	(0)	SIGNED	4	WBQS_SYSPLEX_SC_ELIG	Number of jobs that are eligible to execute somewhere in the SYSPLEX
4	(4)	SIGNED	4	WBQS_SYSPLEX_SC_INELIG	Number of jobs that are not eligible to execute anywhere in the SYSPLEX because of operator hold, resource delay etc.

Table 113. Structure WBQS_SYSPLEX_SC_ENTRY (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
8	(8)	SIGNED	4	WBQS_SYSPLEX_SC_LIMITED	Number of jobs that are not eligible to execute anywhere in the SYSPLEX because a limit has been reached
12	(C)	SIGNED	4	WBQS_SYSPLEX_SC_END(0)	End of entry
12	(C)	X'C'	0	WBQS_SYSPLEX_SC_SIZE	"*-WBQS_SYSPLEX_SC_ENTRY" Size of entry

Table 114. Structure WBQS_SYSPLEX_RC_ENTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	WBQS_SYSPLEX_RC_ENTRY	, SYSPLEX/Report Class Entry
0	(0)	BITSTRING	12	WBQS_SYSPLEX_RC_COUNTS(0)	Sampling counts
0	(0)	SIGNED	4	WBQS_SYSPLEX_RC_ELIG	Number of jobs that are eligible to execute somewhere in the SYSPLEX
4	(4)	SIGNED	4	WBQS_SYSPLEX_RC_INELIG	Number of jobs that are not eligible to execute anywhere in the SYSPLEX because of operator hold, resource delay etc.
8	(8)	SIGNED	4	WBQS_SYSPLEX_RC_LIMITED	Number of jobs that are not eligible to execute anywhere in the SYSPLEX because a limit has been reached
12	(C)	SIGNED	4	WBQS_SYSPLEX_RC_END(0)	End of entry
12	(C)	X'C'	0	WBQS_SYSPLEX_RC_SIZE	"*-WBQS_SYSPLEX_RC_ENTRY" Size of entry

Table 115. Structure WBQS_SYSTEM_SC_ENTRY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	WBQS_SYSTEM_SC_ENTRY	, System/Service Class Entry
0	(0)	SIGNED	4	WBQS_SYSTEM_SC_ELIG	Number of jobs that are eligible to execute for this system
4	(4)	SIGNED	4	WBQS_SYSTEM_SC_INELIG	Number of jobs that are not eligible to execute on this system because of operator hold, resource delay etc.
8	(8)	SIGNED	4	WBQS_SYSTEM_SC_CONS	Number of jobs that are eligible to be initiated on constrained systems only.
12	(C)	SIGNED	4	WBQS_SYSTEM_SC_END(0)	End of entry
12	(C)	X'C'	0	WBQS_SYSTEM_SC_SIZE	"*-WBQS_SYSTEM_SC_ENTRY" Size of entry
		Equates.			
12	(C)	X'FFF'	0	WBQS_MAX_RPTCLASS	"4095" Maximum number of report classes
12	(C)	X'BFF4'	0	WBQS_SYSPLEX_RC_MTXSIZE	"WBQS_MAX_RPTCLASS*WBQS_SYSPLEX_RC_SIZE" Size of SYSPLEX report class matrix without the matrix prefix

Table 116. Cross Reference for IATYWBQS

Name	Offset	Hex Tag
WBQS_MAX_RPTCLASS	C	FFF
WBQS_PFXEND	20	
WBQS_PFXID	0	40404040
WBQS_PFXLEN	18	0

Table 116. Cross Reference for IATYWBQS (continued)

Name	Offset	Hex Tag
WBQS_PFXSIZE	20	20
WBQS_PREFIX	0	
WBQS_RSVD1	1C	0
WBQS_SYSPLEX_RC_COUNTS	0	
WBQS_SYSPLEX_RC_ELIG	0	0
WBQS_SYSPLEX_RC_END	C	
WBQS_SYSPLEX_RC_ENTRY	0	
WBQS_SYSPLEX_RC_INELIG	4	0
WBQS_SYSPLEX_RC_LIMITED	8	0
WBQS_SYSPLEX_RC_MTXSIZE	C	BFF4
WBQS_SYSPLEX_RC_SIZE	C	C
WBQS_SYSPLEX_SC_ELIG	0	0
WBQS_SYSPLEX_SC_END	C	
WBQS_SYSPLEX_SC_ENTRY	0	
WBQS_SYSPLEX_SC_INELIG	4	0
WBQS_SYSPLEX_SC_LIMITED	8	0
WBQS_SYSPLEX_SC_SIZE	C	C
WBQS_SYSTEM_SC_CONS	8	0
WBQS_SYSTEM_SC_ELIG	0	0
WBQS_SYSTEM_SC_END	C	
WBQS_SYSTEM_SC_ENTRY	0	
WBQS_SYSTEM_SC_INELIG	4	0
WBQS_SYSTEM_SC_SIZE	C	C

IATYWCD information

IATYWCD heading information

Common name:	Workload Manager Communication Data
Macro ID:	IATYWCD
DSECT name:	WLM Communication Data
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Main Storage: Any Subpool: 0 Key: 0
Size:	WCD_SUHSIZE bytes (DSECT WCD_SUHSTART) WCD_SUESIZE bytes (DSECT WCD_SUESTART)
Created by:	Any module sending information to the WLM FCT.
Pointed to by:	None
Serialization:	None
Function:	This macro maps the data in a staging area that is sent to the WLM FCT on the global or local processors.

IATYWCD mapping

Table 117. Structure WCD_SUHSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	WCD_SUHSTART	, Service Class Update Header
0	(0)	SIGNED	4	WCD_SUVARCNT	Number of variable entries
4	(4)	SIGNED	2	WCD_SUHDRLEN	Length of this header
6	(6)	SIGNED	2	WCD_SUVARLEN	Length of each variable entry
8	(8)	BITSTRING	32	WCD_SUSRVDEF	WLM service definition id for this request
		Definition of WCD_SUHFLAG1.			
40	(28)	BITSTRING	1	WCD_SUHFLAG1	Flag one
		1...		WCD_SUDEFPOL	"X'80'" The service definition id represents the default WLM policy
41	(29)	BITSTRING	3	WCD_SUHRSVD1	Reserved for IBM
44	(2C)	SIGNED	4	WCD_SUHEND(0)	End of header
44	(2C)	X'2C'	0	WCD_SUHSIZE	"WCD_SUHEND-WCD_SUHSTART" Size of header

Table 118. Structure WCD_SUESTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	WCD_SUESTART	, Service Class Update Entry
0	(0)	CHARACTER	8	WCD_SUJOBNAM	Job name
8	(8)	CHARACTER	8	WCD_SUJOBID	Job id
16	(10)	CHARACTER	8	WCD_SUSRVCLS	New service class name
24	(18)	SIGNED	4	WCD_SUWLMTKN	New WLM classification token
		Definition of WCD_SUFLAG1			
28	(1C)	BITSTRING	1	WCD_SUFLAG1	Flag one
		1...		WCD_SUSRVSET	"X'80'" Service class was set via a command or IWMRESET
29	(1D)	BITSTRING	3	WCD_SUERSVD1	Reserved for IBM
		The following information is present only when the version WCHVERS in IATYWCH is 2 or higher.			
32	(20)	BITSTRING	4	WCD_SUWSRMTK	New WLM SRM token
36	(24)	SIGNED	4	WCD_SUEEND(0)	End of entry
36	(24)	X'24'	0	WCD_SUESIZE	"WCD_SUEEND-WCD_SUESTART" Size of entry

Table 119. Cross Reference for IATYWCD

Name	Offset	Hex Tag
WCD_SUDEFPOL	28	80
WCD_SUEEND	24	
WCD_SUERSVD1	1D	0
WCD_SUESIZE	24	24
WCD_SUESTART	0	
WCD_SUFLAG1	1C	0
WCD_SUHDRLEN	4	0

Table 119. Cross Reference for IATYWCD (continued)

Name	Offset	Hex Tag
WCD_SUHEND	2C	
WCD_SUHFLAG1	28	0
WCD_SUHRSVD1	29	0
WCD_SUHSIZE	2C	2C
WCD_SUHSTART	0	
WCD_SUJOBID	8	40404040
WCD_SUJOBNAM	0	40404040
WCD_SUSRVCLS	10	40404040
WCD_SUSRVDEF	8	0
WCD_SUSRVSET	1C	80
WCD_SUVARCNT	0	0
WCD_SUVARLEN	6	0
WCD_SUWLMTKN	18	0
WCD_SUWSRMTK	20	0

IATYWCH information

IATYWCH heading information

Common name:	Workload Manager Communication Header
Macro ID:	IATYWCH
DSECT name:	WLM Communication Header
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	WCH Offset: 0 Length: 4
Storage attributes:	Main Storage: Any Subpool: 0 Key: 0
Size:	WCHSIZE
Created by:	Any module sending information to the WLM FCT or subtask.
Pointed to by:	None
Serialization:	None
Function:	This macro maps the header information that preceeds the data in any staging area sent to the WLM FCT, or any message sent to the WLM subtask.

IATYWCH mapping

Table 120. Structure WCHSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	WCHSTART	, WLM Communication Header
0	(0)	SIGNED	2	WCHTOTLN	Total length of data that follows including the header
2	(2)	SIGNED	2	WCHHDRLN	Length of this header
4	(4)	CHARACTER	4	WCHID	Control block id
				Definition of WCHVERS	

Table 120. Structure WCHSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
8	(8)	BITSTRING	1	WCHVERS	Version number
8	(8)	X'1'	0	WCHVER1	"1" Version number 1
8	(8)	X'2'	0	WCHVER2	"2" Version number 2
8	(8)	X'2'	0	WCHCVER	"2" Current version
		Definition of WCHTYPE			
9	(9)	BITSTRING	1	WCHTYPE	Type of information
9	(9)	X'1'	0	WCHSAMPD	"1" Sampling data (mapped by IATYWSTB)
9	(9)	X'2'	0	WCHSRVUP	"2" Service class update request (mapped by IATYWCD)
10	(A)	BITSTRING	18	WCHRSVD1	Reserved for IBM
28	(1C)	SIGNED	4	WCHEND(0)	End of header
28	(1C)	X'1C'	0	WCHSIZE	"WCHEND-WCHSTART" Size of header

Table 121. Cross Reference for IATYWCH

Name	Offset	Hex Tag
WCHCVER	8	2
WCHEND	1C	
WCHHDRLN	2	0
WCHID	4	E6C3C840
WCHRSVD1	A	0
WCHSAMPD	9	1
WCHSIZE	1C	1C
WCHSRVUP	9	2
WCHSTART	0	
WCHTOTLN	0	0
WCHTYPE	9	0
WCHVERS	8	0
WCHVER1	8	1
WCHVER2	8	2

IATYWCWA information

IATYWCWA heading information

Common name: Workload Manager Classification Work Area

Macro ID: IATYWCWA

DSECT name: WCWASTRT

Owning component: JES3 (SC1BA)

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

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

Size: WCWASIZE bytes

Created by: IATINWLM

Pointed to by:	WLM_CLSFYWRK in IATYWLM				
Serialization:	None				
Function:	This macro maps the data that is used to classify a job using the IWMCLSFY service. This service is used to assign a service class and report class to a job.				

IATYWCWA mapping

Table 122. Structure WCWASTRT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	WCWASTRT	, WLM Classification Work Area
0	(0)	CHARACTER	4	WCWAID	Control Block Id
4	(4)	SIGNED	4	WCWASAVE(18)	Save area
76	(4C)	ADDRESS	4	WCWRSVD1(6)	Reserved for IBM
		Control Block addresses. Note that these addresses have to be contiguous since LM is used on them.			
100	(64)	ADDRESS	4	WCWRQAD	+-- RQ address
104	(68)	ADDRESS	4	WCWJQEAD	| JQE address
108	(6C)	ADDRESS	4	WCWJCTAD	| JCT address
112	(70)	ADDRESS	4	WCWJMRFD	+-- JMR FDB address
		Information passed to IWMCLSFY. Most of the information is passed directly from the JCT or RQ. Input information.			
116	(74)	CHARACTER	8	WCWJOBNM	Job name
124	(7C)	SIGNED	4	WCWPRTY	Priority
128	(80)	CHARACTER	8	WCWUSERI	User id
136	(88)	CHARACTER	8	WCWPERFM	Performance group
144	(90)	SIGNED	4	WCWACCTL	Accounting information length
148	(94)	BITSTRING	143	WCWACCT	Accounting information
291	(123)	CHARACTER	8	WCWOLDSC	Old service class name (for IWMBSET processing)
299	(12B)	CHARACTER	16	WCWSCHEN	Scheduling Environment
		Output information.			
315	(13B)	CHARACTER	8	WCWSRVCL	Service class name
324	(144)	SIGNED	4	WCWCLSTK	WLM classification token
328	(148)	BITSTRING	4	WCWSRMTK	WLM supplied SRM token
		Caller's input parameters.			
332	(14C)	BITSTRING	8	WCWREGS(0)	Input registers zero/one
332	(14C)	BITSTRING	4	WCWREG0(0)	Register zero option bytes
		Definition of WCWOPR01.			
332	(14C)	BITSTRING	1	WCWOPT01	Register zero/option byte 1
		1...		WCWJOBNO	"X'80'" JOBNO was specified
		.1..		WCWJQE	"X'40'" JQE was specified
		..1.		WCWJCT	"X'20'" JCT was specified
		...1		WCWRQ	"X'10'" RQ was specified

Table 122. Structure WCWASTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
	.... 1...			WCWVALYS	"X'08'" VALIDATE_SRVCLASS=YES was specified
		Definition of WCWOPR02.			
333	(14D)	BITSTRING	1	WCWOPT02	Register zero/option byte 2
		Definition of WCWOPR03.			
334	(14E)	BITSTRING	1	WCWOPT03	Register zero/option byte 3
		Definition of WCWOPR04.			
335	(14F)	BITSTRING	1	WCWOPT04	Register zero/option byte 4
336	(150)	SIGNED	4	WCWREG1	Parameter register 1
		Flags. Definition of WCWFLAG1.			
340	(154)	BITSTRING	1	WCWFLAG1	Flag one
	1...			WCWPREAL	"X'80'" This WCWA is preallocated (i.e. storage was obtained during JES3 initialization)
	.1..			WCWRDJMR	"X'40'" JMR was read
	..1.			WCWRDJCT	"X'20'" JCT was read
	...1			WCWRCLRQ	"X'10'" Reclassification in progress flag was set in the RQ
	.... 1...			WCWRDERR	"X'08'" Error reading JCT/JMR
	.... .1..			WCWRF104	"X'04'" Reserved flag
	.... ..1.			WCWRF102	"X'02'" Reserved flag
	1			WCWRF101	"X'01'" Reserved flag
		Definition of WCWERFLG.			
341	(155)	BITSTRING	1	WCWERFLG	Error flag
	1...			WCWJCTER	"X'80'" An IATXJCT error occurred
	.1..			WCWJQEER	"X'40'" An IATXJQE error occurred
	..1.			WCWRER20	"X'20'" Reserved flag
	...1			WCWRER10	"X'10'" Reserved flag
	.... 1...			WCWRER08	"X'08'" Reserved flag
	.... .1..			WCWRER04	"X'04'" Reserved flag
	.... ..1.			WCWRER02	"X'02'" Reserved flag
	1			WCWRER01	"X'01'" Reserved flag
		ECF WAIT list			
344	(158)	SIGNED	4	WCJRECF(2)	JESREAD ECF and mask
352	(160)	SIGNED	4	WCRDPSTA	ATIME ECF address
356	(164)	BITSTRING	1	(3)	Reserved
359	(167)	BITSTRING	1	WCRDPSMK	ATIME mask
360	(168)	SIGNED	4	WCECFLEN	ECF list terminator
364	(16C)	SIGNED	4	WCRDPSTF	ATIME ECF
	1...			WCRDTMOT	"X'80'" ATIME ECF mask

Table 122. Structure WCWASTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		ATIME List form			
		$TP= z2.3.0 HJS77B0 170222 PD0TN: z 2.3.0			
368	(170)	SIGNED	4	(0)	ALIGNMENT
368	(170)	BITSTRING	4	WCRDATIM	ID
372	(174)	SIGNED	4		TIME OR TOD VALUE
376	(178)	ADDRESS	4		ECF OR ENTER ADDRESS
380	(17C)	ADDRESS	1		FLAG BYTE1
381	(17D)	ADDRESS	1		FLAG BYTE2
382	(17E)	ADDRESS	1		ECF MASK FOR POST REQUEST
383	(17F)	ADDRESS	1		Flag byte 3
384	(180)	ADDRESS	4		FCT ADDRESS
		Parameter Lists.			
392	(188)	DBL WORD	8	WCWAPMLS(0)	
		IWMCLSFY parameter list			
		MACDATE -01/29/13-<8>			
0	(0)	X'188'	0	M00M0003	"WCWACLSF" ++ IWMCLSFY NAME
392	(188)	DBL WORD	8	WCWACLSF(0)	++ IWMCLSFY PARM LIST
392	(188)	BITSTRING	1	WCWACLSF_XVERSION	++ INPUT XVERSION
393	(189)	BITSTRING	1	WCWACLSF_XOPTIONS	++ FIELD_LABEL
394	(18A)	BITSTRING	2	WCWACLSF_XPLISTLEN	++ INPUT
396	(18C)	BITSTRING	4	WCWACLSF_XSRMTOKEN	++
400	(190)	ADDRESS	4	WCWACLSF_XTRXNAME_ADDR	++ ADDR
404	(194)	ADDRESS	4	WCWACLSF_XUSERID_ADDR	++ ADDR
408	(198)	ADDRESS	4	WCWACLSF_XTRXCLASS_ADDR	++ ADDR
412	(19C)	ADDRESS	4	WCWACLSF_XSUBCOLN_ADDR	++ ADDR
416	(1A0)	ADDRESS	4	WCWACLSF_XSOURCELU_ADDR	++ ADDR
420	(1A4)	SIGNED	4	WCWACLSF_XSOURCELULEN	++ FIELD_LABEL
424	(1A8)	ADDRESS	4	WCWACLSF_XSCHEDENV_ADDR	++ ADDR
428	(1AC)	SIGNED	4	WCWACLSF_XSCHEDENV_LEN	++
432	(1B0)	BITSTRING	4	WCWACLSF_XSERVCLS	++
436	(1B4)	CHARACTER	8	WCWACLSF_XSRVCLSNM	++
444	(1BC)	CHARACTER	8	WCWACLSF_XRPTCLSNM	++
452	(1C4)	BITSTRING	4	WCWACLSF_XCONNTKN	++
456	(1C8)	ADDRESS	4	WCWACLSF_XSSN	++ FIELD_LABEL
460	(1CC)	CHARACTER	4	WCWACLSF_XRSVD0068	++ RESERVED
464	(1D0)	ADDRESS	4	WCWACLSF_XNETID_ADDR	++ ADDR
468	(1D4)	ADDRESS	4	WCWACLSF_XLUNAME_ADDR	++ ADDR
472	(1D8)	ADDRESS	4	WCWACLSF_XACCTINFO_ADDR	++ ADDR
476	(1DC)	SIGNED	4	WCWACLSF_XACCTINFL	++
480	(1E0)	ADDRESS	4	WCWACLSF_XSUBSYSPM_ADDR	++ ADDR
484	(1E4)	SIGNED	4	WCWACLSF_XSSPMLEN	++
488	(1E8)	ADDRESS	4	WCWACLSF_XCOLLECTION_ADDR	++ ADDR

Table 122. Structure WCWASTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
492	(1EC)	SIGNED	4	WCWACLSF_XCOLLECTION_LEN	++
496	(1F0)	ADDRESS	4	WCWACLSF_XPLAN_ADDR	++ ADDR
500	(1F4)	ADDRESS	4	WCWACLSF_XPACKAGE_ADDR	++ ADDR
504	(1F8)	ADDRESS	4	WCWACLSF_XCORRELATION_ADDR	++ ADDR
508	(1FC)	SIGNED	4	WCWACLSF_XCORR_LEN	++
512	(200)	ADDRESS	4	WCWACLSF_XCONNECTION_ADDR	++ ADDR
516	(204)	ADDRESS	4	WCWACLSF_XPERFORM_ADDR	++ ADDR
520	(208)	ADDRESS	4	WCWACLSF_XPRCNAME_ADDR	++ ADDR
524	(20C)	SIGNED	4	WCWACLSF_XPRCNAME_LEN	++
528	(210)	ADDRESS	4	WCWACLSF_XPRIORITY_ADDR	++ ADDR
532	(214)	ADDRESS	4	WCWACLSF_XPROCESSNAME_ADDR	++ ADDR
536	(218)	SIGNED	4	WCWACLSF_XPROCESSNM_LEN	++
540	(21C)	ADDRESS	4	WCWACLSF_XTTRACETOKEN_ADDR	++ ADDR
544	(220)	ADDRESS	4	WCWACLSF_XEWLM_CORR_ADDR	++ ADDR
548	(224)	ADDRESS	4	WCWACLSF_XEWLM_CHCORR_ADDR	++ ADDR
552	(228)	ADDRESS	4	WCWACLSF_XEWLM_CHCTKN_ADDR	++ ADDR
556	(22C)	ADDRESS	4	WCWACLSF_XEWLM_OUTCORR_ADDR	
					++ ADDR
560	(230)	ADDRESS	4	WCWACLSF_XEWLM_CLTOKEN_ADDR	
					++ ADDR
560	(230)	X'AC'	0	WCWACLSFL	"*-WCWACLSF" ++ LENGTH OF PLIST

				IWMCLSFY-8	
	IWMBSET parameter list				

				MACDATE -03/27/97-<0>	

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	X'188'	0	M00M0006	"WCWABSET" ++ IWMBSET NAME
392	(188)	DBL WORD	8	WCWABSET(0)	++ IWMBSET PARM LIST
392	(188)	BITSTRING	1	WCWABSET_XVERSION	++ INPUT XVERSION
393	(189)	CHARACTER	1	WCWABSET_XRSV001	++ RESERVED XRSV001
394	(18A)	BITSTRING	2	WCWABSET_XPLISTLEN	++ INPUT XPLISTLEN
396	(18C)	BITSTRING	4	WCWABSET_XSERVCLS	++ XSERVCLS
400	(190)	CHARACTER	8	WCWABSET_XSRVCLSNM	++ XSRVCLSNM
408	(198)	CHARACTER	4	WCWABSET_XRSV002	++ RESERVED XRSV002
408	(198)	X'14'	0	WCWABSETL	"*-WCWABSET" ++ LENGTH OF PLIST

				IWMBSET-0	
	IATXDELY parameter list				

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
392	(188)	DBL WORD	8	WCWADELY(0)	IATXDELY Parameter List
392	(188)	ADDRESS	4		JQE address
396	(18C)	ADDRESS	4		RQ address
400	(190)	DBL WORD	8		Time stamp
408	(198)	ADDRESS	4		JCT address
412	(19C)	SIGNED	4	(2)	Reserved for IBM

	Reset to end of parameter lists.				

Table 122. Structure WCWASTRT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
564	(234) X'AC'		0	WCWPMSIZ	"*-WCWAPMLS" Size of parameter lists
		End of the WCWA.			
568	(238) DBL WORD		8	WCWAEND(0)	End of WCWA
568	(238) X'238'		0	WCWASIZE	"WCWAEND-WCWASTRT" Size of WCWA

Table 123. Cross Reference for IATYWCWA

Name	Offset	Hex Tag
M00M0003	0	188
M00M0006	0	188
WCECFLEN	168	
WCJRECF	158	
WCRDATIM	170	0
WCRDPSMK	167	
WCRDPSTA	160	
WCRDPSTF	16C	
WCRDTMOT	16C	80
WCWABSET	188	
WCWABSET_XPLISTLEN	18A	
WCWABSET_XRSV001	189	
WCWABSET_XRSV002	198	
WCWABSET_XSERVCLS	18C	
WCWABSET_XSRVCLSNM	190	
WCWABSET_XVERSION	188	
WCWABSETL	198	14
WCWACCT	94	0
WCWACCTL	90	0
WCWACLSF	188	
WCWACLSF_XACCTINFL	1DC	
WCWACLSF_XACCTINFO_ADDR	1D8	
WCWACLSF_XCOLLECTION_ADDR	1E8	
WCWACLSF_XCOLLECTION_LEN	1EC	
WCWACLSF_XCONNECTION_ADDR	200	
WCWACLSF_XCONNTKN	1C4	
WCWACLSF_XCORR_LEN	1FC	
WCWACLSF_XCORRELATION_ADDR	1F8	
WCWACLSF_XEWLM_CHCORR_ADDR	224	
WCWACLSF_XEWLM_CHCTKN_ADDR	228	
WCWACLSF_XEWLM_CLTOKEN_ADDR	230	
WCWACLSF_XEWLM_CORR_ADDR	220	
WCWACLSF_XEWLM_OUTCORR_ADDR	22C	
WCWACLSF_XLUNAME_ADDR	1D4	
WCWACLSF_XNETID_ADDR	1D0	
WCWACLSF_XOPTIONS	189	
WCWACLSF_XPACKAGE_ADDR	1F4	

Table 123. Cross Reference for IATYWCWA (continued)

Name	Offset	Hex Tag
WCWACLSF_XPERFORM_ADDR	204	
WCWACLSF_XPLAN_ADDR	1F0	
WCWACLSF_XPLISTLEN	18A	
WCWACLSF_XPRCNAME_ADDR	208	
WCWACLSF_XPRCNAME_LEN	20C	
WCWACLSF_XPRIORITY_ADDR	210	
WCWACLSF_XPROCESSNAME_ADDR	214	
WCWACLSF_XPROCESSNM_LEN	218	
WCWACLSF_XRPTCLSNM	1BC	
WCWACLSF_XRSVD0068	1CC	
WCWACLSF_XSCHEDENV_ADDR	1A8	
WCWACLSF_XSCHEDENV_LEN	1AC	
WCWACLSF_XSERVCLS	1B0	
WCWACLSF_XSOURCELU_ADDR	1A0	
WCWACLSF_XSOURCELULEN	1A4	
WCWACLSF_XSRMTOKEN	18C	
WCWACLSF_XSRVCLSNM	1B4	
WCWACLSF_XSSN	1C8	
WCWACLSF_XSSPMLEN	1E4	
WCWACLSF_XSUBCOLN_ADDR	19C	
WCWACLSF_XSUBSYSPM_ADDR	1E0	
WCWACLSF_XTRXCLASS_ADDR	198	
WCWACLSF_XTRXNAME_ADDR	190	
WCWACLSF_XTTRACETOKEN_ADDR	21C	
WCWACLSF_XUSERID_ADDR	194	
WCWACLSF_XVERSION	188	
WCWACLSFL	230	AC
WCWADELY	188	
WCWAEND	238	
WCWAID	0	E6C3E6C1
WCWAPMLS	188	
WCWASAVE	4	0
WCWASIZE	238	238
WCWASTRT	0	
WCWCLSTK	144	0
WCWERFLG	155	0
WCWFLAG1	154	0
WCWJCT	14C	20
WCWJCTAD	6C	
WCWJCTER	155	80
WCWJMRFD	70	
WCWJOBNM	74	40404040
WCWJOBNO	14C	80
WCWJQE	14C	40
WCWJQEAD	68	
WCWJQEER	155	40

Table 123. Cross Reference for IATYWCWA (continued)

Name	Offset	Hex Tag
WCWOLDSC	123	40404040
WCWOPT01	14C	0
WCWOPT02	14D	0
WCWOPT03	14E	0
WCWOPT04	14F	0
WCWPERFM	88	40404040
WCWPMSIZ	234	AC
WCWPREAL	154	80
WCWPRTY	7C	0
WCWRCLRQ	154	10
WCWRDERR	154	8
WCWRDJCT	154	20
WCWRDJMR	154	40
WCWREGS	14C	
WCWREG0	14C	
WCWREG1	150	0
WCWRER01	155	1
WCWRER02	155	2
WCWRER04	155	4
WCWRER08	155	8
WCWRER10	155	10
WCWRER20	155	20
WCWRF101	154	1
WCWRF102	154	2
WCWRF104	154	4
WCWRQ	14C	10
WCWRQAD	64	
WCWRSVD1	4C	
WCWSCHEN	12B	40404040
WCWSRMTK	148	0
WCWSRVCL	13B	40404040
WCWUSERI	80	40404040
WCWVALYS	14C	8

IATYWEV information

IATYWEV heading information

Common name:	Workload Manager Event Control Block
Macro ID:	IATYWEV
DSECT name:	WEVSTART
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	WEV Offset: 4 Length: 4
Storage attributes:	Main Storage: Any Subpool: 241 Key: 1

Size:		WEV_SCHAVL_SIZE bytes			
		WEV_SCHUAV_SIZE bytes			
		WEV_POLICY_SIZE bytes			
		WEV_SYSAVL_SIZE bytes			
		WEV_RSRVCL_SIZE bytes			
		WEV_WLMGOL_SIZE bytes			
Created by:		IATMOVR			
		IATMSEWL			
		IATMSR2			
Pointed to by:		WEVNEXT in IATYWEV			
		MPCMDWEV in IATYMPC			
		MPCGMWEV in IATYMPC			
		MPCWLWEV in IATYMPC			
Serialization:		NONE			
Function:		This macro maps the information for a Workload Manager (WLM) event that has occurred.			

IATYWEV mapping

Table 124. Structure WEVSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	WEVSTART	, WLM Event Control Block
0	(0)	SIGNED	2	WEVTOTSZ	Total WEV size
2	(2)	SIGNED	2	WEVFXRS1	Reserved for dev/service
4	(4)	CHARACTER	4	WEVID	Control Block Id
8	(8)	ADDRESS	4	WEVNEXT	Address of the next WEV on the queue
12	(C)	CHARACTER	8	WEVSYSNM	System name associated with with the event
20	(14)	SIGNED	4	WEVFXRS2	Reserved for dev/service
24	(18)	DBL WORD	8	WEVTIME	Time stamp when the event occurred
		Definition of WEVVERSN.			
32	(20)	BITSTRING	1	WEVVERSN	Version number
32	(20)	X'0'	0	WEVINTVR	"0" Initial version number
32	(20)	X'0'	0	WEVCURVR	"0" Current version number
		Definition of WEVTYPE.			
33	(21)	BITSTRING	1	WEVTYPE	Event type
33	(21)	X'1'	0	WEV_TYPE_SCHAVL	"1" A scheduling environment is now available
33	(21)	X'2'	0	WEV_TYPE_SCHUAV	"2" A scheduling environment is now unavailable
33	(21)	X'3'	0	WEV_TYPE_POLICY	"3" A WLM policy change occurred
33	(21)	X'4'	0	WEV_TYPE_SYSAVL	"4" A system became available (the system connected or was varied online)
33	(21)	X'5'	0	WEV_TYPE_RSRVCL	"5" A RESET jobname,SRVCLASS command was issued for a job
33	(21)	X'6'	0	WEV_TYPE_WLMGOL	"6" A MODIFY WLM,MODE=GOAL command was issued
33	(21)	X'7'	0	WEV_TYPE_SRVDEF	"7" A WLM service definition change occurred
33	(21)	X'8'	0	WEV_TYPE_DEFSCL	"8" This is request to check a job's service class that was deferred from an earlier request because the job was not executing
33	(21)	X'F1'	0	WEVSPOOL	"241" WEV storage subpool

Table 124. Structure WEVSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
34	(22)	BITSTRING	14	WEVFXRS3	Reserved for dev/service
		End of fixed WEV.			
48	(30)	DBL WORD	8	WEVFEND(0)	End of fixed WEV
48	(30)	X'30'	0	WEVFSIZE	"WEVFEND-WEVSTART" Size of fixed WEV
		Scheduling Environment Available Specific Data.			
48	(30)	DBL WORD	8	WEV_SCHAVL_START(0)	Start of specific data
48	(30)	CHARACTER	16	WEV_SCHAVL_NAME	Scheduling environment name
64	(40)	BITSTRING	32	WEV_SCHAVL_RSVD	Reserved for dev/service
96	(60)	DBL WORD	8	WEV_SCHAVL_END(0)	End of specific data
96	(60)	X'60'	0	WEV_SCHAVL_SIZE	"WEV_SCHAVL_END-WEVSTART" Total size of data
		Scheduling Environment Unavailable Specific Data.			
48	(30)	DBL WORD	8	WEV_SCHUAV_START(0)	Start of specific data
48	(30)	CHARACTER	16	WEV_SCHUAV_NAME	Scheduling environment name
64	(40)	BITSTRING	32	WEV_SCHUAV_RSVD	Reserved for dev/service
96	(60)	DBL WORD	8	WEV_SCHUAV_END(0)	End of specific data
96	(60)	X'60'	0	WEV_SCHUAV_SIZE	"WEV_SCHUAV_END-WEVSTART" Total size of data
		WLM Policy Change Specific Data.			
48	(30)	DBL WORD	8	WEV_POLICY_START(0)	Start of specific data
48	(30)	BITSTRING	128	WEV_POLICY_RSVD	Reserved for dev/service
176	(B0)	DBL WORD	8	WEV_POLICY_END(0)	End of specific data
176	(B0)	X'B0'	0	WEV_POLICY_SIZE	"WEV_POLICY_END-WEVSTART" Total size of data
		System Available Specific Data.			
48	(30)	DBL WORD	8	WEV_SYSAVL_START(0)	Start of specific data
48	(30)	BITSTRING	16	WEV_SYSAVL_RSVD	Reserved for dev/service
64	(40)	DBL WORD	8	WEV_SYSAVL_END(0)	End of specific data
64	(40)	X'40'	0	WEV_SYSAVL_SIZE	"WEV_SYSAVL_END-WEVSTART" Total size of data
		RESET jobname,SRVCLASS Specific Data			
48	(30)	DBL WORD	8	WEV_RSRVCL_START(0)	Start of specific data
48	(30)	CHARACTER	8	WEV_RSRVCL_JOBNAME	Job name
56	(38)	CHARACTER	8	WEV_RSRVCL_JOBID	Job id
64	(40)	BITSTRING	8	WEV_RSRVCL_STOKEN	STOKEN of address space where job is executing
72	(48)	BITSTRING	16	WEV_RSRVCL_RSVD	Reserved for dev/service
88	(58)	DBL WORD	8	WEV_RSRVCL_END(0)	End of specific data
88	(58)	X'58'	0	WEV_RSRVCL_SIZE	"WEV_RSRVCL_END-WEVSTART" Total size of data
		MODIFY WLM,MODE=GOAL Specific Data			

Table 124. Structure WEVSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
48	(30)	DBL WORD	8	WEV_WLMGOL_START(0)	Start of specific data
48	(30)	BITSTRING	16	WEV_WLMGOL_RSVD	Reserved for dev/service
64	(40)	DBL WORD	8	WEV_WLMGOL_END(0)	End of specific data
64	(40)	X'40'	0	WEV_WLMGOL_SIZE	"WEV_WLMGOL_END-WEVSTART" Total size of data
		Service Definition Change Specific Data			
48	(30)	DBL WORD	8	WEV_SRVDEF_START(0)	Start of specific data
48	(30)	BITSTRING	16	WEV_SRVDEF_RSVD	Reserved for dev/service
64	(40)	DBL WORD	8	WEV_SRVDEF_END(0)	End of specific data
64	(40)	X'40'	0	WEV_SRVDEF_SIZE	"WEV_SRVDEF_END-WEVSTART" Total size of data
		Deferred Service Class Check Specific Data			
48	(30)	DBL WORD	8	WEV_DEFSCL_START(0)	Start of specific data
48	(30)	CHARACTER	8	WEV_DEFSCL_JOBNAME	Job name
56	(38)	CHARACTER	8	WEV_DEFSCL_JOBID	Job id
64	(40)	ADDRESS	4	WEV_DEFSCL_ASCB	ASCB of address space where job is executing
68	(44)	BITSTRING	16	WEV_DEFSCL_RSVD	Reserved for dev/service
88	(58)	DBL WORD	8	WEV_DEFSCL_END(0)	End of specific data
88	(58)	X'58'	0	WEV_DEFSCL_SIZE	"WEV_DEFSCL_END-WEVSTART" Total size of data
		End of WEV.			
88	(58)	X'58'	0	WEVMAXSZ	"*-WEVSTART" Maximum size of a WEV

Table 125. Cross Reference for IATYWEV

Name	Offset	Hex Tag
WEV_DEFSCL_ASCB	40	
WEV_DEFSCL_END	58	
WEV_DEFSCL_JOBID	38	40404040
WEV_DEFSCL_JOBNAME	30	40404040
WEV_DEFSCL_RSVD	44	0
WEV_DEFSCL_SIZE	58	58
WEV_DEFSCL_START	30	
WEV_POLICY_END	B0	
WEV_POLICY_RSVD	30	0
WEV_POLICY_SIZE	B0	B0
WEV_POLICY_START	30	
WEV_RSRVCL_END	58	
WEV_RSRVCL_JOBID	38	40404040
WEV_RSRVCL_JOBNAME	30	40404040
WEV_RSRVCL_RSVD	48	0
WEV_RSRVCL_SIZE	58	58
WEV_RSRVCL_START	30	
WEV_RSRVCL_STOKEN	40	0

Table 125. Cross Reference for IATYWEV (continued)

Name	Offset	Hex Tag
WEV_SCHAVL_END	60	
WEV_SCHAVL_NAME	30	40404040
WEV_SCHAVL_RSVD	40	0
WEV_SCHAVL_SIZE	60	60
WEV_SCHAVL_START	30	
WEV_SCHUAV_END	60	
WEV_SCHUAV_NAME	30	40404040
WEV_SCHUAV_RSVD	40	0
WEV_SCHUAV_SIZE	60	60
WEV_SCHUAV_START	30	
WEV_SRVDEF_END	40	
WEV_SRVDEF_RSVD	30	0
WEV_SRVDEF_SIZE	40	40
WEV_SRVDEF_START	30	
WEV_SYSAVL_END	40	
WEV_SYSAVL_RSVD	30	0
WEV_SYSAVL_SIZE	40	40
WEV_SYSAVL_START	30	
WEV_TYPE_DEFSCL	21	8
WEV_TYPE_POLICY	21	3
WEV_TYPE_RSRVCL	21	5
WEV_TYPE_SCHAVL	21	1
WEV_TYPE_SCHUAV	21	2
WEV_TYPE_SRVDEF	21	7
WEV_TYPE_SYSAVL	21	4
WEV_TYPE_WLMGOL	21	6
WEV_WLMGOL_END	40	
WEV_WLMGOL_RSVD	30	0
WEV_WLMGOL_SIZE	40	40
WEV_WLMGOL_START	30	
WEVCURVR	20	0
WEVFEND	30	
WEVFSIZE	30	30
WEVFXRS1	2	0
WEVFXRS2	14	0
WEVFXRS3	22	0
WEVID	4	E6C5E540
WEVINTVR	20	0
WEVMAXSZ	58	58
WEVNEXT	8	
WEVSPOOL	21	F1
WEVSTART	0	
WEVSYSNM	C	40404040
WEVTIME	18	0
WEVTOTSZ	0	0
WEVTYPE	21	0

Table 125. Cross Reference for IATYWEV (continued)

Name	Offset	Hex Tag
WEVVERSN	20	0

IATYWJS information

IATYWJS heading information

Common name:	Workload Manager Job Sampling Element
Macro ID:	IATYWJS
DSECT name:	WJS_GMSSTART WJS_MDSSTART WJS_MSWSTART
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Main Storage: Any Subpool: 0 Key: 0
Size:	WJS_GMSSIZE bytes WJS_MDSSIZE bytes WJS_MSWSIZE bytes
Created by:	IATWLFSM
Pointed to by:	WLM_WJSGMS in IATYWLM WLM_WJSMDS in IATYWLM WLM_WJSMAINW in IATYWLM
Serialization:	None
Function:	This macro maps the sampling data that is provided by the WLM FCT to the WLM subtask in the WLM data space. It contains information about each job that is waiting to be scheduled for execution, and is used by the WLM subtask to provide sampling information to WLM. There are three kinds of WLM Job Sampling Elements: (1) GMS WLM Job Sampling Element - Created for jobs that are on the GMS select queue when sampling is performed. (2) MDS WLM Job Sampling Element - Created for jobs that are on one the MDS queues when sampling is performed. (3) Main Service Wait WLM Job Sampling Element - Created for jobs that are waiting to be scheduled for main service when sampling is performed.

IATYWJS mapping

Table 126. Structure WJS_GMSSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	WJS_GMSSTART	, WLM Job Sampling Element
0	(0)	SIGNED	4	WJS_GMSJOBNO	Job number for debugging
4	(4)	ADDRESS	4	WJS_GMSNEXT	Address of next element
8	(8)	SIGNED	4	WJS_GMSMAINS	Main eligibility mask from RQMAINS
12	(C)	SIGNED	4	WJS_GMSSCHMM	Scheduling environment main mask from RQSCHEMM
16	(10)	CHARACTER	8	WJS_GMSSRVCL	Service class name from from RQSRVCLS
24	(18)	SIGNED	4	WJS_GMSWLMTK	WLM Classification token from RQWLMCTK
28	(1C)	SIGNED	2	WJS_GMSSPNDX	Spool partition index from RQSPNDX or zero
30	(1E)	BITSTRING	1	WJS_GMSGRPSQ	Group sequence number from RQGRPSEQ
31	(1F)	BITSTRING	1	WJS_GMSCLSSQ	Class sequence number from RQJCLASS

Table 126. Structure WJS_GMSSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		Definition of WJS_GMSFLG1.			
32	(20)	BITSTRING	1	WJS_GMSFLG1	Flag one
		1...		WJS_GMSHOLD	"X'80'" Job is in some type of hold status
		.1..		WJS_GMSHASSE	"X'40'" The job has a scheduling environment (the scheduling environment main mask can be used)
33	(21)	BITSTRING	1	WJS_GMSBYPAS	Bypass code (defined in IATYRQJS) if sampling determines that the job is not eligible to run
34	(22)	BITSTRING	6	WJS_GMSRSVD1	Reserved for development
40	(28)	DBL WORD	8	WJS_GMSEND(0)	End of element
40	(28)	X'28'	0	WJS_GMSSIZE	"WJS_GMSEND-WJS_GMSSTART" Size of element

Table 127. Structure WJS_MDSSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	WJS_MDSSTART	, WLM Job Sampling Element
0	(0)	SIGNED	4	WJS_MDSJOBNO	Job number for debugging
4	(4)	ADDRESS	4	WJS_MDSNEXT	Address of next element
8	(8)	SIGNED	4	WJS_MDSMAINS	Main eligibility mask from RQMAINS
12	(C)	CHARACTER	8	WJS_MDSSRVCL	Service class name from from RQSRVCLS
20	(14)	SIGNED	4	WJS_MDSWLMTK	WLM Classification token from RQWLMCTK
24	(18)	BITSTRING	1	WJS_MDSINDEX	RQINDEX value
25	(19)	BITSTRING	1	WJS_MDSGRPSQ	Group sequence number from RQGRPSEQ
26	(1A)	BITSTRING	6	WJS_MDSRSVD1	Reserved for development
32	(20)	DBL WORD	8	WJS_MDSEND(0)	End of element
32	(20)	X'20'	0	WJS_MDSSIZE	"WJS_MDSEND-WJS_MDSSTART" Size of element

Table 128. Structure WJS_MSWSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	WJS_MSWSTART	, WLM Job Sampling Element
0	(0)	SIGNED	4	WJS_MSWJOBNO	Job number for debugging
4	(4)	ADDRESS	4	WJS_MSWNEXT	Address of next element
8	(8)	SIGNED	4	WJS_MSWMAINS	Main eligibility mask from JQEX_MAINMASK
12	(C)	CHARACTER	8	WJS_MSWSRVCL	Service class name from from JQEX_SRVCLASS
20	(14)	SIGNED	4	WJS_MSWWLMTK	WLM Classification token from JQEX_WLMTOKEN
24	(18)	BITSTRING	1	WJS_MSWQFLGS	JSS wait queue that the job is on from JQEQFLGS
25	(19)	BITSTRING	1	WJS_MSWGRPSQ	Group sequence number from JQEGRP
26	(1A)	BITSTRING	6	WJS_MSWRSVD1	Reserved for development
32	(20)	DBL WORD	8	WJS_MSWEND(0)	End of element
32	(20)	X'20'	0	WJS_MSWSIZE	"WJS_MSWEND-WJS_MSWSTART" Size of element

Table 129. Cross Reference for IATYWJS

Name	Offset	Hex Tag
WJS_GMSBYPAS	21	0
WJS_GMSCLSSQ	1F	0
WJS_GMSEND	28	
WJS_GMSFLG1	20	0
WJS_GMSGRPSQ	1E	0
WJS_GMSHASSE	20	40
WJS_GMSHOLD	20	80
WJS_GMSJOBNO	0	0
WJS_GMSMAINS	8	0
WJS_GMSNEXT	4	
WJS_GMSRSVD1	22	0
WJS_GMSSCHMM	C	0
WJS_GMSSIZE	28	28
WJS_GMSSPNDX	1C	0
WJS_GMSSRVCL	10	40404040
WJS_GMSSTART	0	
WJS_GMSWLMTK	18	0
WJS_MDSEND	20	
WJS_MDSGRPSQ	19	0
WJS_MDSINDEX	18	0
WJS_MDSJOBNO	0	0
WJS_MDSMAINS	8	0
WJS_MDSNEXT	4	
WJS_MDSRSVD1	1A	0
WJS_MDSSIZE	20	20
WJS_MDSSRVCL	C	40404040
WJS_MDSSTART	0	
WJS_MDSWLMTK	14	0
WJS_MSWEND	20	
WJS_MSWGRPSQ	19	0
WJS_MSWJOBNO	0	0
WJS_MSWMAINS	8	0
WJS_MSWNEXT	4	
WJS_MSWQFLGS	18	0
WJS_MSWRSVD1	1A	0
WJS_MSWSIZE	20	20
WJS_MSWSRVCL	C	40404040
WJS_MSWSTART	0	
WJS_MSWWLMTK	14	0

IATYWLM information

IATYWLM heading information

Common name: Workload Manager (WLM) Data Area

Macro ID: IATYWLM

DSECT name:	WLM_START				
Owning component:	JES3 (SC1BA)				
Eye-catcher ID:	WLM Offset: 0 Length: 4				
Storage attributes:	Main Storage: Any Subpool: 0 Key: 0				
Size:	WLM_SIZE bytes				
Created by:	IATINWLM				
Pointed to by:	TVTXWLM in IATYTVTX				
Serialization:	None				
Function:	This macro maps the data that is used by JES3 to perform WLM related functions such as classifying jobs, processing WLM events, providing sampling data to WLM.				

IATYWLM mapping

Table 130. Structure WLM_START

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	WLM_START	, Workload Manager Data Area
0	(0)	CHARACTER	4	WLM_ID	Control Block Id
		General WLM Related Information.			
4	(4)	BITSTRING	32	WLM_SRVDEFID	WLM service definition id
36	(24)	BITSTRING	32	WLM_SRVDEFWK	Service definition id work area
68	(44)	SIGNED	4	WLM_CONNTOKN	WLM connection token
72	(48)	CHARACTER	32	WLM_APPLENV	Application Environment (APPLENV) that batch jobs belong to
104	(68)	SIGNED	2	WLM_SYSCNT	Number of systems in the JESPLEX
106	(6A)	BITSTRING	6	WLM_RSVD	Reserved for IBM
112	(70)	DBL WORD	8	WLM_LASTBQRY	Time stamp when the WLM subtask last set the WLM_BQRYREQ flag to initiate IWMBQRY processing.
120	(78)	BITSTRING	36	WLM_RSVD1	Reserved for IBM
		Module and Routine Addresses.			
156	(9C)	ADDRESS	4	WLM_IATWLCSM	Module IATWLCSM address (WLM subtask common sampling services)
160	(A0)	ADDRESS	4	WLM_CSMMTXIN	Address of sampling matrix initialization routine in module IATWLCSM
164	(A4)	ADDRESS	4	WLM_CSMBRIP	Address of IWMBRIP processing routine in module IATWLCSM
168	(A8)	ADDRESS	4	WLM_CSMGTFTR	Address of sampling GTF trace routine in module IATWLCSM
172	(AC)	ADDRESS	4	WLM_IATWLDRG	Module IATWLDRG address (WLM deregistration processing)
176	(B0)	ADDRESS	4	WLM_DRGSCAN	Address of deregistration scan routine in module IATWLDRG
180	(B4)	ADDRESS	4	WLM_IATWLDRV	Module IATWLDRV address (WLM FCT driver)
184	(B8)	ADDRESS	4	WLM_IATWLEVT	Module IATWLEVT address (WLM event processing)

Table 130. Structure WLM_START (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
188	(BC)	ADDRESS	4	WLM_EVTROUTR	Address of WLM event router routine in module IATWLEVT
192	(C0)	ADDRESS	4	WLM_IATWLFJR	Module IATWLFJR address (WLM FCT JESTAE retry routine)
196	(C4)	ADDRESS	4	WLM_FJRRETRY	Address of JESTAE retry routine in module IATWLFJR
200	(C8)	ADDRESS	4	WLM_IATWLFSM	Module IATWLFSM address (WLM FCT sampling services)
204	(CC)	ADDRESS	4	WLM_FSMCOLCT	Address of sampling data collection routine in module IATWLFSM
208	(D0)	ADDRESS	4	WLM_IATWLGSM	Module IATWLGSM address (WLM global subtask sampling services)
212	(D4)	ADDRESS	4	WLM_GSMANLYZ	Address of sampling data analysis routine in module IATWLGSM
216	(D8)	ADDRESS	4	WLM_GSMTIMER	Address of sampling timer exit routine in module IATWLGSM
220	(DC)	ADDRESS	4	WLM_IATWLJCK	Module IATWLJCK address (WLM JCT delay checkpointing)
224	(E0)	ADDRESS	4	WLM_JCKSTART	Address of JCT delay checkpointing start routine in module IATWLJCK
228	(E4)	ADDRESS	4	WLM_IATWLLSM	Module IATWLLSM address (WLM local subtask sampling services)
232	(E8)	ADDRESS	4	WLM_LSMSAMPL	Address of sampling routine in module IATWLLSM
236	(EC)	ADDRESS	4	WLM_LSMPOSTX	Address of mailbox post exit routine in module IATWLLSM
240	(F0)	ADDRESS	4	WLM_IATWLRCL	Module IATWLRCL address (WLM reclassification processing)
244	(F4)	ADDRESS	4	WLM_RCLPOST	Address of reclassification post processing routine in module IATWLLSM
248	(F8)	ADDRESS	4	WLM_RCLPOLCH	Address of reclassification policy change processing routine in module IATWLRCL
252	(FC)	ADDRESS	4	WLM_IATWLSRR	Module IATWLSRR address (WLM subtask recovery)
256	(100)	ADDRESS	4	WLM_IATWLSTA	Module IATWLSTA address (WLM staging area processor)
260	(104)	ADDRESS	4	WLM_STAROUTR	Address of staging area router routine in module IATWLSTA
264	(108)	ADDRESS	4	WLM_IATWLSTK	Module IATWLSTK address (WLM subtask)
		Control Block Addresses and counts.			
268	(10C)	ADDRESS	4	WLM_SRVCFRST	Address of first Service Class Table (SRVC)
272	(110)	ADDRESS	4	WLM_SRVCLAST	Address of last Service Class Table (SRVC)
276	(114)	SIGNED	4	WLM_SRVCCNT	Number of Service Class Tables
280	(118)	ADDRESS	4	WLM_CLSFYWRK	Address of preallocated WLM Classification Work Area (WCWA)
284	(11C)	ADDRESS	4	WLM_TASKTCB	WLM subtask TCB address
288	(120)	ADDRESS	4	WLM_TVT	TVT address
292	(124)	ADDRESS	4	WLM_SELF	Pointer to WLM itself
		WLM Subtask Information. ECB List used by the WLM subtask.			

Table 130. Structure WLM_START (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
296	(128)	SIGNED	4	WLM_ECBLIST(0)	ECB List Used for WAIT
296	(128)	ADDRESS	4	WLM_ECBADD1	ECB address 1
300	(12C)	ADDRESS	4	WLM_ECBADD2	ECB address 2
304	(130)	ADDRESS	4	WLM_ECBADD3	ECB address 3
		ECBs used by the WLM subtask.			
308	(134)	SIGNED	4	WLM_SAMPECB	Sampling ECB
312	(138)	SIGNED	4	WLM_TIMEECB	Timer ECB - posted when a specified time elapses.
316	(13C)	SIGNED	4	WLM_COMMECB	Communication ECB - posted when mail is sent by the global to the WLM subtask on the local
320	(140)	SIGNED	4	WLM_LOCKECB	Lock ECB - posted when the sampling lock is released
324	(144)	SIGNED	4	WLM_DUMPECB	Dump ECB - used during recovery processing and posted when a dump completes
		GTF trace information.			
328	(148)	ADDRESS	4	WLM_GTFBUFAD	GTF trace buffer address
332	(14C)	SIGNED	4	WLM_GTFBUFSZ	GTF trace buffer size
		SDUMPX data space storage list. This information is used to dump the WLM data space when the WLM subtask's recovery routine gets control.			
336	(150)	SIGNED	4	WLM_STORLIST(0)	SDUMPX Storage List
336	(150)	SIGNED	4	WLM_SLTOTLEN	Length of entire list
340	(154)	BITSTRING	8	WLM_SLSTOKEN	Message data space STOKEN
348	(15C)	SIGNED	4	WLM_SLRANGCT	Number of storage ranges to be dumped
352	(160)	ADDRESS	4	WLM_SLRANGST	Starting address of storage to be dumped
356	(164)	ADDRESS	4	WLM_SLRANGEN	Ending address of storage to be dumped
356	(164)	X'18'	0	WLM_SLLEN	"*-WLM_STORLIST" Length of storage list
		Sampling Information. Batch Queue Sampling (BQS) Data Areas for the current system (mapped by IRABQS).			
360	(168)	ADDRESS	4	WLM_BQSHDR	Address of Batch Queue Samples header
364	(16C)	ADDRESS	4	WLM_BQSSC	Service class matrix
368	(170)	ADDRESS	4	WLM_BQSRC	Report class matrix
		Sampling transport buffer information used when sending the sampling data to a JES3 local.			
372	(174)	ADDRESS	4	WLM_WSTBADDR	WLM sampling transport buffer address
376	(178)	SIGNED	4	WLM_WSTBSIZE	WLM sampling transport buffer size
380	(17C)	ADDRESS	4	WLM_WSTBSRVC	Address of service class in the WLM sampling buffer
		Data space attributes.			
384	(180)	SIGNED	4	WLM_DSPALET	Data space ALET

Table 130. Structure WLM_START (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
388	(184)	BITSTRING	8	WLM_DSPSTOKN	Data space STOKEN
396	(18C)	SIGNED	4	WLM_DSPORIGN	Data space origin
400	(190)	SIGNED	4	WLM_DSPEND	Data ending address
		Pointers to report class matrices within the WLM data space.			
404	(194)	ADDRESS	4	WLM_PVPLEXRC	Address of report class matrix that contains SYSPLEX wide information for the previous sampling interval
408	(198)	ADDRESS	4	WLM_CRPLEXRC	Address of report class matrix that contains SYSPLEX wide information for the current sampling interval
412	(19C)	SIGNED	4	WLM_RSVD2(32)	Reserved for IBM
		High service and report class indicies for the previous and current sampling intervals. This is used to determine whether the sampling information changed without having to compare the previous and current information.			
540	(21C)	SIGNED	4	WLM_PVHIGHSC	High service class index during the previous sampling interval
544	(220)	SIGNED	4	WLM_CRHIGHSC	High service class index during the current sampling interval
548	(224)	SIGNED	4	WLM_PVHIGHRC	High report class index during the previous sampling interval
552	(228)	SIGNED	4	WLM_CRHIGHRC	High report class index during the current sampling interval
		Free space pointer that is used for allocating the remaining storage in the data space during sampling processing.			
556	(22C)	ADDRESS	4	WLM_DSPFREE	Data space free space pointer
		Pointers to job sampling element queues within the WLM data space.			
560	(230)	BITSTRING	12	WLM_WJSQHDRS(0)	WLM job sampling queues
560	(230)	ADDRESS	4	WLM_WJSGMS	WLM job sampling element queue for jobs in GMS select
564	(234)	ADDRESS	4	WLM_WJSMDS	WLM job sampling element queue for jobs in MDS
568	(238)	ADDRESS	4	WLM_WJSMAINW	WLM job sampling element queue for jobs that are waiting to be scheduled for main service
		The following field is used to indicate which systems the sampling data needs to be sent to. A zero byte means that the sampling data does not need to be sent. A non-zero byte means that the sampling data needs to be sent.			
572	(23C)	BITSTRING	1	WLM_SAMPSYS	Sampling data to be sent by system
		Sampling timer information.			
604	(25C)	SIGNED	4	WLM_SAMPINTV	Current sampling interval in 100ths of a second (serialized via compare and swap)
608	(260)	SIGNED	4	WLM_SAMPTMID	Sampling timer id

Table 130. Structure WLM_START (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
612	(264)	SIGNED	4	WLM_SAMPNCCT	Number of consecutive intervals that the sampling data did not change
616	(268)	DBL WORD	8	WLM_SAMPTIME	Time stamp when the WLM subtask last performed sampling
		Sampling lock (serialized via compare double and swap) The sampling lock is used to serialize the queues and tables used during WLM sampling. The first lock word contains the TCB or FCT address of the entity that has the lock. If the WLM subtask has the lock, the lock word contains the TCB address. If an FCT under the Nuc task has the lock, the lock word contains the FCT address. The second lock word is used to indicate who is waiting for the lock.			
624	(270)	DBL WORD	8	WLM_SAMPLOCK	Sampling lock
624	(270)	X'270'	0	WLM_SAMPOWNR	"WLM_SAMPLOCK,4" Owning TCB or FCT address
624	(270)	X'274'	0	WLM_SAMPWAIT	"WLM_SAMPLOCK+4,4" Wait indicators
		1...		WLM_SAMPFCTW	"X'80'" An FCT is waiting for the sampling lock
		.1..		WLM_SAMPTSKW	"X'40'" The WLM subtask is waiting for the sampling lock
		Information used by the WLM subtask on the local when receiving sampling data from the WLM subtask on the global.			
632	(278)	ADDRESS	4	WLM_MSGDATAD	Message data address
636	(27C)	SIGNED	4	WLM_MSGDATLN	Message data length
640	(280)	BITSTRING	8	WLM_MSGTOKEN	Message token
		Unconditional Sampling Main Mask. This main mask contains a list of systems where sampling data should be set unconditionally. That is, sampling data should be sent to these systems even though it may not have changed since the last time it was sent. Once the sampling data has been sent, the main mask is set to zeroes. This main mask is serialized via compare and swap.			
648	(288)	SIGNED	4	WLM_USMPMMSK	Unconditional sampling main mask
		Miscellaneous sampling information used by the WLM subtask			
652	(28C)	SIGNED	4	WLM_SAMPMMSK	Main mask work area
656	(290)	SIGNED	4	WLM_BRIPMMSK	Main mask for all service classes that require IWMBRIP processing
660	(294)	SIGNED	4	WLM_BSMPRETC	IWMBSMP Return code
664	(298)	SIGNED	4	WLM_BSMPRESN	IWMBSMP Reason code
668	(29C)	CHARACTER	8	WLM_PREVSRVC	Previous service class
		Save Areas and Work Areas. FCT related save areas and work areas.			
676	(2A4)	SIGNED	4	WLM_SAVE(18)	FCT save area 1
752	(2F0)	DBL WORD	8	WLM_DWORK(0)	Align on a doubleword
752	(2F0)	SIGNED	4	WLM_WORK1	FCT work area 1
756	(2F4)	SIGNED	4	WLM_WORK2	FCT work area 2
760	(2F8)	SIGNED	4	WLM_WORK3	FCT work area 3

Table 130. Structure WLM_START (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		Subtask related save areas and work areas.			
764	(2FC)	ADDRESS	4	WLM_TSKNXTSV	Next save area to use
768	(300)	SIGNED	4	WLM_TSKSAVE(18)	Subtask save area 1
768	(300)	X'48'	0	WLM_TSKSVLEN	"*-WLM_TSKSAVE" Length of one save area
840	(348)	SIGNED	4	WLM_TSKSAVE2(18)	Subtask save area 2
912	(390)	SIGNED	4	WLM_TSKSAVE3(18)	Subtask save area 3
984	(3D8)	BITSTRING	16	WLM_TSKWORK(0)	Start of 16 byte work area
984	(3D8)	SIGNED	4	WLM_TSKWORK1	Subtask work area 1
988	(3DC)	SIGNED	4	WLM_TSKWORK2	Subtask work area 2
992	(3E0)	SIGNED	4	WLM_TSKWORK3	Subtask work area 3
996	(3E4)	SIGNED	4	WLM_TSKWORK4	Subtask work area 4
1000	(3E8)	SIGNED	4	WLM_TSKWORK5	Subtask work area 5
		WLM Recovery Stack Information The recovery stack is used by WLM modules to recover from errors without needing to set up their own JESTAE exits. When a module requires specific recovery processing, it issues an IATXWLM ADD_RECOVERY request update the recovery stack. When it is finished, it issues an IATXWLM DELETE_RECOVERY request. Each recovery stack entry consists of a routine to get control and a parameter to be passed to the routine. When an error occurs, WLM's recovery will call each of the routines in the recovery stack to perform their specific recovery processing.			
1004	(3EC)	ADDRESS	4	WLM_CURRSTAK	Current stack pointer
1004	(3EC)	X'6'	0	WLM_STACKCNT	"6" Number of stack entries
1008	(3F0)	SIGNED	4	WLM_RECSTACK(0)	Recovery stack
1008	(3F0)	X'3F0'	0	WLM_RECRTNAD	"WLM_RECSTACK,4" Routine address
1008	(3F0)	X'3F4'	0	WLM_RECPARM	"WLM_RECSTACK+4,4" Routine parameter
1008	(3F0)	X'8'	0	WLM_RECSTKLN	"8" Length of one stack entry
1008	(3F0)	X'418'	0	WLM_RECSTLST	"*-WLM_RECSTKLN" Last recovery stack entry
		Serialized ECF's and Flags.			
1056	(420)	SIGNED	4	WLM_SERFLGS(0)	Align on a fullword
		Definition of WLM_ECF1 (serialized via compare and swap).			
1056	(420)	BITSTRING	1	WLM_ECF1	ECF one
		1...		WLM_POLCYCHG	"X'80'" A WLM policy change occurred. The job queue should be scanned for jobs that need to be reclassified.
		.1..		WLM_SAMPLE	"X'40'" Provide sampling data to the WLM subtask
		..1.		WLM_STAR	"X'20'" A staging area was added to the destination queue
		...1		WLM_RECLJOBS	"X'10'" Scan the job queue for jobs that are flagged for reclassification and reclassify those jobs
		.... 1...		WLM_JCTCHKPT	"X'08'" Checkpoint job delay information in the JCT

Table 130. Structure WLM_START (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... .1..		WLM_DREGSCAN	"X'04'" Scan the service classes to see if deregistration is required
		.... ..1.		WLM_EVENT	"X'02'" A WLM event occurred
		1		WLM_ECFR101	"X'01'" Reserved flag
		1111 111.		WLM_ECF1POST	"X'FE'" ECF mask of all posts
		Definition of WLM_ECF2 (serialized via compare and swap).			
1057	(421)	BITSTRING	1	WLM_ECF2	ECF two
		.1..		WLM_ECFR280	"X'40'" Reserved flag
		..1.		WLM_ECFR240	"X'20'" Reserved flag
		...1		WLM_ECFR220	"X'10'" Reserved flag
		.... ..1.		WLM_ECFR210	"X'02'" Reserved flag
		.... 1...		WLM_ECFR208	"X'08'" Reserved flag
		.... .1..		WLM_ECFR204	"X'04'" Reserved flag
		.... ..1.		WLM_ECFR202	"X'02'" Reserved flag
		1		WLM_ECFR201	"X'01'" Reserved flag
		Definition of WLM_FLAG1 (serialized via compare and swap).			
1058	(422)	BITSTRING	1	WLM_FLAG1	Flag one
		1...		WLM_SLOWMODE	"X'80'" WLM sampling is in slow down mode
		.1..		WLM_SLEEPMOD	"X'40'" WLM sampling is in sleep mode
		..1.		WLM_DEFPOLCY	"X'20'" The WLM service definition in WLM_SRVDEFID is a WLM default
		...1		WLM_SSALLNXT	"X'10'" The WLM subtask needs to send sampling data to all systems during the next sampling interval
		.... 1...		WLM_NOSLEEP	"X'08'" WLM subtask should not go into sampling sleep mode
		.... .1..		WLM_FLGR104	"X'04'" Reserved flag
		.... ..1.		WLM_FLGR102	"X'02'" Reserved flag
		1		WLM_FLGR101	"X'01'" Reserved flag
		Definition of WLM_FLAG2 (serialized via compare and swap).			
1059	(423)	BITSTRING	1	WLM_FLAG2	Flag two
		1...		WLM_FLGR280	"X'80'" Reserved flag
		.1..		WLM_FLGR240	"X'40'" Reserved flag
		..1.		WLM_FLGR220	"X'20'" Reserved flag
		...1		WLM_FLGR210	"X'10'" Reserved flag
		.... 1...		WLM_FLGR208	"X'08'" Reserved flag
		.... .1..		WLM_FLGR204	"X'04'" Reserved flag
		.... ..1.		WLM_FLGR202	"X'02'" Reserved flag
		1		WLM_FLGR201	"X'01'" Reserved flag
		Non-Serialized Flags. These flags are for use only by the WLM FCT or WLM subtask without serialization.			
1060	(424)	BITSTRING	6	WLM_NSERFLGS(0)	Align on a fullword

Table 130. Structure WLM_START (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		Definition of WLM_FCTFLG1.			
1060	(424)	BITSTRING	1	WLM_FCTFLG1	FCT flag 1
		1...		WLM_INITFAIL	"X'80'" WLM initialization failed
		.1..		WLM_FCTFAIL	"X'40'" WLM FCT failed
		..1.		WLM_RCINPROG	"X'20'" Reclassification is being performed as a result of a WLM policy change
		...1		WLM_PCHCOMP	"X'10'" A general purpose FCT completed policy change processing
		.... 1...		WLM_ANRCLSCN	"X'08'" Another reclassification scan should be performed
		.... .1..		WLM_RESCAN	"X'04'" Reclassification rescan is required
		.... ..1.		WLM_RESACT	"X'02'" Reclassification rescan is active
		1		WLM_FCTR101	"X'01'" Reserved flag
		Definition of WLM_FCTFLG2.			
1061	(425)	BITSTRING	1	WLM_FCTFLG2	FCT flag 2
		1...		WLM_FCTR280	"X'80'" Reserved flag
		.1..		WLM_FCTR240	"X'40'" Reserved flag
		..1.		WLM_FCTR220	"X'20'" Reserved flag
		...1		WLM_FCTR210	"X'10'" Reserved flag
		.... 1...		WLM_FCTR208	"X'08'" Reserved flag
		.... .1..		WLM_FCTR204	"X'04'" Reserved flag
		.... ..1.		WLM_FCTR202	"X'02'" Reserved flag
		1		WLM_FCTR201	"X'01'" Reserved flag
		Definition of WLM_FCTFLG3.			
1062	(426)	BITSTRING	1	WLM_FCTFLG3	FCT flag 3
		1...		WLM_FCTR380	"X'80'" Reserved flag
		.1..		WLM_FCTR340	"X'40'" Reserved flag
		..1.		WLM_FCTR320	"X'20'" Reserved flag
		...1		WLM_FCTR310	"X'10'" Reserved flag
		.... 1...		WLM_FCTR308	"X'08'" Reserved flag
		.... .1..		WLM_FCTR304	"X'04'" Reserved flag
		.... ..1.		WLM_FCTR302	"X'02'" Reserved flag
		1		WLM_FCTR301	"X'01'" Reserved flag
		Definition of WLM_TSKFLG1.			
1063	(427)	BITSTRING	1	WLM_TSKFLG1	Subtask flag 1
		1...		WLM_SUBTFAIL	"X'80'" WLM subtask failed
		.1..		WLM_STINCOMP	"X'40'" WLM subtask initialization is complete
		..1.		WLM_SAMPALL	"X'20'" Sampling data needs to be sent to all systems
		...1		WLM_BQRYREQ	"X'10'" IWMBQRY processing is required during sampling

Table 130. Structure WLM_START (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		WLM_NEWSRVDF	"X'08'" A new WLM service definition id was provided in the sampling data
		.... .1..		WLM_CLSLMTUP	"X'04'" Class limits were updated for the previous service class
		.... ..1.		WLM_RPTCCOPY	"X'02'" Current report class information needs to be copied to previous information
		1		WLM_TSKR101	"X'01'" Reserved flag
		Definition of WLM_TSKFLG2.			
1064	(428)	BITSTRING	1	WLM_TSKFLG2	Subtask flag 2
		1...		WLM_TSKR280	"X'80'" Reserved flag
		.1..		WLM_TSKR240	"X'40'" Reserved flag
		..1.		WLM_TSKR220	"X'20'" Reserved flag
		...1		WLM_TSKR210	"X'10'" Reserved flag
		.... 1...		WLM_TSKR208	"X'08'" Reserved flag
		.... .1..		WLM_TSKR204	"X'04'" Reserved flag
		.... ..1.		WLM_TSKR202	"X'02'" Reserved flag
		1		WLM_TSKR201	"X'01'" Reserved flag
		Definition of WLM_TSKFLG3.			
1065	(429)	BITSTRING	1	WLM_TSKFLG3	Subtask flag 3
		1...		WLM_TSKR380	"X'80'" Reserved flag
		.1..		WLM_TSKR340	"X'40'" Reserved flag
		..1.		WLM_TSKR320	"X'20'" Reserved flag
		...1		WLM_TSKR310	"X'10'" Reserved flag
		.... 1...		WLM_TSKR308	"X'08'" Reserved flag
		.... .1..		WLM_TSKR304	"X'04'" Reserved flag
		.... ..1.		WLM_TSKR302	"X'02'" Reserved flag
		1		WLM_TSKR301	"X'01'" Reserved flag
		Parameter Lists/Work Areas used by the JES3 Nuc Task. ATIME parameter list. $TP= z2.3.0 HJS77B0 170222 PD0TN: z 2.3.0			
1068	(42C)	SIGNED	4	(0)	ALIGNMENT
1068	(42C)	BITSTRING	4	WLM_ATIME	ID
1072	(430)	SIGNED	4		TIME OR TOD VALUE
1076	(434)	ADDRESS	4		ECF OR ENTER ADDRESS
1080	(438)	ADDRESS	1		FLAG BYTE1
1081	(439)	ADDRESS	1		FLAG BYTE2
1082	(43A)	ADDRESS	1		ECF MASK FOR POST REQUEST
1083	(43B)	ADDRESS	1		Flag byte 3
1084	(43C)	ADDRESS	4		FCT ADDRESS
		MESSAGE parameter list. $T6=z1.13.0 HJS7780 110309 PD0TN: z 1.13.0			
1088	(440)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
1088	(440)	ADDRESS	4	WLM_MSGP	Text Address

Table 130. Structure WLM_START (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1092	(444)	BITSTRING	2		Destination Disp and Mask
1094	(446)	BITSTRING	1		ACTION flag
1095	(447)	ADDRESS	1		Options Flag
1096	(448)	BITSTRING	2		Descriptor Codes
1098	(44A)	SIGNED	2		Reserved 2 Bytes
1100	(44C)	BITSTRING	17		Routing Codes
1117	(45D)	BITSTRING	1	(3)	Reserved
1120	(460)	BITSTRING	1	(8)	Jobid
1128	(468)	BITSTRING	1	(8)	Jobname
1136	(470)	BITSTRING	1	(8)	Key
1144	(478)	ADDRESS	4		CNDB Address 1
1148	(47C)	ADDRESS	4		CNDB Address 2
1152	(480)	ADDRESS	4		CNDB Address 3
1156	(484)	ADDRESS	4		CNDB Address 4
1160	(488)	ADDRESS	4		CNDB Address 5
1164	(48C)	ADDRESS	4		MLWO Address

Start of area shared for other parameter lists.

| 1168 | (490) | DBL WORD | 8 | WLM_PARMLST(0) | |

IATXGENF parameter list.

$SF= z1.4.0 HJS7707 020129 PD0VW: z 1.4.0 0
IATXGENF MF=L IATXGENF List Form

1168	(490)	SIGNED	4	WLM_GENF(0)	IATXGENF List Form
1168	(490)	ADDRESS	4		Routine address
1172	(494)	ADDRESS	4		Description address
1176	(498)	ADDRESS	4		Normal ECF address
1180	(49C)	ADDRESS	4		Error ECF address
1184	(4A0)	SIGNED	4		Register zero value
1188	(4A4)	SIGNED	4		Register one value
1192	(4A8)	BITSTRING	1		Priority
1193	(4A9)	BITSTRING	1		Normal ECF mask
1194	(4AA)	BITSTRING	1		Error ECF mask
1195	(4AB)	BITSTRING	1		Reserved for IBM
1196	(4AC)	ADDRESS	4	(3)	Reserved for IBM

IATXJQE SEARCH parameter list.

| 1168 | (490) | BITSTRING | 8 | WLM_JQESTOKN | IATXJQE SEARCH token |

$TK= J3SCALE HJS77A0 131029 PD0PK: z 2.2.0
$SF= z1.4.0 HJS7707 020129 PD0VW: z 1.4.0 0

1176	(498)	SIGNED	4	WLM_JQES(0)	IATXJQE SEARCH Parm List
1176	(498)	ADDRESS	4		Token address
1180	(49C)	SIGNED	2		Current number of keys
1182	(49E)	BITSTRING	1		Flag one

Table 130. Structure WLM_START (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1183	(49F)	BITSTRING	1		Reserved for IBM
1184	(4A0)	SIGNED	4	(4)	Reserved for IBM
1200	(4B0)	SIGNED	4	(0)	End of fixed portion
1200	(4B0)	SIGNED	2		Field type
1202	(4B2)	ADDRESS	2		Field offset
1204	(4B4)	SIGNED	2		Field length
1206	(4B6)	BITSTRING	8		Search value/data
1214	(4BE)	BITSTRING	1		Comparison condition
1215	(4BF)	BITSTRING	5		Reserved for IBM
1220	(4C4)	SIGNED	2		Field type
1222	(4C6)	ADDRESS	2		Field offset
1224	(4C8)	SIGNED	2		Field length
1226	(4CA)	BITSTRING	8		Search value/data
1234	(4D2)	BITSTRING	1		Comparison condition
1235	(4D3)	BITSTRING	5		Reserved for IBM
1240	(4D8)	SIGNED	2		Field type
1242	(4DA)	ADDRESS	2		Field offset
1244	(4DC)	SIGNED	2		Field length
1246	(4DE)	BITSTRING	8		Search value/data
1254	(4E6)	BITSTRING	1		Comparison condition
1255	(4E7)	BITSTRING	5		Reserved for IBM
1260	(4EC)	SIGNED	2		Field type
1262	(4EE)	ADDRESS	2		Field offset
1264	(4F0)	SIGNED	2		Field length
1266	(4F2)	BITSTRING	8		Search value/data
1274	(4FA)	BITSTRING	1		Comparison condition
1275	(4FB)	BITSTRING	5		Reserved for IBM
1280	(500)	SIGNED	2		Field type
1282	(502)	ADDRESS	2		Field offset
1284	(504)	SIGNED	2		Field length
1286	(506)	BITSTRING	8		Search value/data
1294	(50E)	BITSTRING	1		Comparison condition
1295	(50F)	BITSTRING	5		Reserved for IBM
1295	(50F)	X'5'	0	WLM_JQES_MAX_KEYS	"5" Maximum number of keys
1295	(50F)	X'7C'	0	WLM_JQESSIZE	"*-WLM_JQES" Size of parameter list
		Reset to end of parameter lists.			
		Parameter Lists/Work Areas used by the WLM subtask.			
1300	(514)	SIGNED	4	WLM_STPARMLS(0)	
		GTRACE Parameter List			
		WLM Batch Queue Samples parameter list.			

Table 130. Structure WLM_START (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		MACDATE -02/26/97-<0>			
0	(0)	X'518'	0	M00M0023	"WLM_BSMP" ++ IWMBSMP NAME
1304	(518)	DBL WORD	8	WLM_BSMP(0)	++ IWMBSMP PARM LIST
1304	(518)	BITSTRING	1	WLM_BSMP_XVERSION	++ INPUT XVERSION
1305	(519)	CHARACTER	1	WLM_BSMP_XRSV0001	++ RESERVED XRSV0001
1306	(51A)	BITSTRING	2	WLM_BSMP_XPLISTLEN	++ INPUT XPLISTLEN
1308	(51C)	SIGNED	4	WLM_BSMP_XBQS	++ XBQS
1312	(520)	CHARACTER	32	WLM_BSMP_XSVDEF_ID	++ XSVDEF_ID
1344	(540)	CHARACTER	4	WLM_BSMP_XRSV0040	++ RESERVED XRSV0040
1348	(544)	CHARACTER	8	WLM_BSMP_XRSV0044	++ RESERVED XRSV0044
1348	(544)	X'34'	0	WLM_BSMPL	"*-WLM_BSMP" ++ LENGTH OF PLIST

IWMBSMP-0
WLM Batch Queue Query parameter list.

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		MACDATE -12/19/01-<1>			
0	(0)	X'518'	0	M00M0024	"WLM_BQRY" ++ IWMBQRY NAME
1304	(518)	DBL WORD	8	WLM_BQRY(0)	++ IWMBQRY PARM LIST
1304	(518)	BITSTRING	1	WLM_BQRY_XVERSION	++ INPUT XVERSION
1305	(519)	BITSTRING	1	WLM_BQRY_XOPTIONS	++ FIELD_LABEL
		1...		WLM_BQRY_KEYUSED_AVGQ	"B'10000000'" ++ KEYUSED.AVGQ KEYWORD
		.1..		WLM_BQRY_KEYUSED_SYSTEML	"B'01000000'" ++ KEYUSED.SYSTEML KEYWORD
		..1.		WLM_BQRY_KEYUSED_PREFLIST	"B'00100000'" ++ KEYUSED.PREFLIST KEYWORD
1306	(51A)	BITSTRING	2	WLM_BQRY_XPLISTLEN	++ INPUT XPLISTLEN
1308	(51C)	CHARACTER	16	WLM_BQRY_XQTOKEN	++ XQTOKEN
1324	(52C)	SIGNED	4	WLM_BQRY_XAVGQ	++ XAVGQ
1328	(530)	ADDRESS	4	WLM_BQRY_XSYSTEML_ADDR	++ ADDR XSYSTEML
1332	(534)	SIGNED	4	WLM_BQRY_XNUMSYS	++ XNUMSYS
1336	(538)	ADDRESS	4	WLM_BQRY_XPREFLIST_ADDR	++ ADDR XPREFLIST
1340	(53C)	SIGNED	4	WLM_BQRY_XPREFNUM	++ XPREFNUM
1340	(53C)	X'28'	0	WLM_BQRYL	"*-WLM_BQRY" ++ LENGTH OF PLIST

IWMBQRY-1
System list returned by the IWMBQRY service. It
contains a list of systems that don't have any
initiators started for the service class.
When the IWMBQRY macro is issued with PREFNUM and
PREFLIST parms, the system list contains a list of
unconstrained systems.

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1344	(540)	SIGNED	4	WLM_BQRYCNT	Number of systems returned
1348	(544)	CHARACTER	8	WLM_BQRYSYS(0)	System list
1348	(544)	X'104'	0	WLM_BQRYSIZE	"*-WLM_BQRYCNT" Size of system information

WLM Batch Request Initiator Placement parm list.

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		MACDATE -03/13/97-<0>			

Table 130. Structure WLM_START (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	X'518'	0	M00M0025	"WLM_BRIP" ++ IWMBRIP NAME
1304	(518)	DBL WORD	8	WLM_BRIP(0)	++ IWMBRIP PARM LIST
1304	(518)	BITSTRING	1	WLM_BRIP_XVERSION	++ INPUT XVERSION
1305	(519)	CHARACTER	1	WLM_BRIP_XRSV0001	++ RESERVED XRSV0001
1306	(51A)	BITSTRING	2	WLM_BRIP_XPLISTLEN	++ INPUT XPLISTLEN
1308	(51C)	CHARACTER	16	WLM_BRIP_XQTOKEN	++ XQTOKEN
1324	(52C)	ADDRESS	4	WLM_BRIP_XSYSTEML_ADDR	++ ADDR XSYSTEML
1328	(530)	SIGNED	4	WLM_BRIP_XNUMSYS	++ XNUMSYS
1332	(534)	CHARACTER	8	WLM_BRIP_XRSV001C	++ RESERVED XRSV001C
1332	(534)	X'24'	0	WLM_BRIPL	"*-WLM_BRIP" ++ LENGTH OF PLIST
				IWMBRIP-0 System list to be passed to the IWMBRIP service.	
1340	(53C)	SIGNED	4	WLM_BRIPCNT	Number of systems returned
1344	(540)	CHARACTER	8	WLM_BRIPSYS(0)	System list
1344	(540)	X'104'	0	WLM_BRIPSIZE	"*-WLM_BRIPCNT" Size of system information
				IXZXIXMB parameter list.	
				MACDATE -93/05/10-<1>	
1300	(514)	SIGNED	2	M00M0026(0)	IXZXIXMB-1
1304	(518)	DBL WORD	8	WLM_IXMB(0)	++ IXZXIXMB PARM LIST
1304	(518)	BITSTRING	1	WLM_IXMB_XVERSION	++ INPUT XVERSION
1305	(519)	CHARACTER	6	WLM_IXMB_XEYECATCH	++ CONSTANT XEYECATCH
1311	(51F)	CHARACTER	1	WLM_IXMB_XRSV0001	++ RESERVED XRSV0001
1312	(520)	CHARACTER	16	WLM_IXMB_XMBOXNAME	++ XMBOXNAME
1328	(530)	ADDRESS	4	WLM_IXMB_XPOSTXIT	++ XPOSTXIT
1332	(534)	ADDRESS	4	WLM_IXMB_XPOSTDATA	++ XPOSTDATA
1336	(538)	SIGNED	4	WLM_IXMB_XPOSTALET	++ XPOSTALET
1340	(53C)	SIGNED	4	WLM_IXMB_XGROUPTOKEN	++ XGROUPTOKEN
1344	(540)	BITSTRING	1	WLM_IXMB_XSYSEVENTS	++ FIELD_LABEL
		1...		WLM_IXMB_XSYSEVENT_YES	"B'10000000'" ++ XSYSEVENT.YES KEYWORD
		.1..		WLM_IXMB_XSYSEVENT_NO	"B'01000000'" ++ XSYSEVENT.NO KEYWORD
1344	(540)	X'29'	0	WLM_IXMBL	"*-WLM_IXMB" ++ LENGTH OF PLIST
				IXZXIXMB-1 IXZXIXMC parameter list.	
				MACDATE -93/05/10-<1>	
1300	(514)	SIGNED	2	M00M0027(0)	IXZXIXMC-1
1304	(518)	DBL WORD	8	WLM_IXMC(0)	++ IXZXIXMC PARM LIST
1304	(518)	BITSTRING	1	WLM_IXMC_XVERSION	++ INPUT XVERSION
1305	(519)	CHARACTER	6	WLM_IXMC_XEYECATCH	++ CONSTANT XEYECATCH
1311	(51F)	BITSTRING	1	WLM_IXMC_XSTB	++ INPUT
		1...		WLM_IXMC_XSTB_NO	"B'10000000'" ++ XSTB.NO KEYWORD

Table 130. Structure WLM_START (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.1..		WLM_IXMC_XSTB_YES	"B'01000000'" ++ XSTB.YES KEYWORD
1312	(520)	CHARACTER	16	WLM_IXMC_XMBOXNAME	++ XMBOXNAME
1328	(530)	SIGNED	4	WLM_IXMC_XGROUPTOKEN	++ XGROUPTOKEN
1328	(530)	X'1C'	0	WLM_IXMCL	"*-WLM_IXMC" ++ LENGTH OF PLIST

			IXZXIXMC-1	
IXZXIXRM parameter list.				

		MACDATE -93/05/10-<1>		

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1300	(514)	SIGNED	2	M00M0028(0)	IXZXIXMB-1
1304	(518)	DBL WORD	8	WLM_IXRM(0)	++ IXZXIXMB PARM LIST
1304	(518)	BITSTRING	1	WLM_IXRM_XVERSION	++ INPUT XVERSION
1305	(519)	CHARACTER	6	WLM_IXRM_XEYECATCH	++ CONSTANT XEYECATCH
1311	(51F)	CHARACTER	1	WLM_IXRM_XRSV0001	++ RESERVED XRSV0001
1312	(520)	CHARACTER	16	WLM_IXRM_XMBOXNAME	++ XMBOXNAME
1328	(530)	ADDRESS	4	WLM_IXRM_XPOSTXIT	++ XPOSTXIT
1332	(534)	ADDRESS	4	WLM_IXRM_XPOSTDATA	++ XPOSTDATA
1336	(538)	SIGNED	4	WLM_IXRM_XPOSTALET	++ XPOSTALET
1340	(53C)	SIGNED	4	WLM_IXRM_XGROUPTOKEN	++ XGROUPTOKEN
1344	(540)	BITSTRING	1	WLM_IXRM_XSYSEVENTS	++ FIELD_LABEL
		1...		WLM_IXRM_XSYSEVENT_YES	"B'10000000'" ++ XSYSEVENT.YES KEYWORD
		.1..		WLM_IXRM_XSYSEVENT_NO	"B'01000000'" ++ XSYSEVENT.NO KEYWORD
1344	(540)	X'29'	0	WLM_IXRML	"*-WLM_IXRM" ++ LENGTH OF PLIST

			IXZXIXMB-1	
IXZXIXAC parameter list.				

		MACDATE -11/12/03-<1>		

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	X'518'	0	M00M0029	"WLM_IXAC" ++ IXZXIXAC NAME
1304	(518)	DBL WORD	8	WLM_IXAC(0)	++ IXZXIXAC PARM LIST
1304	(518)	BITSTRING	1	WLM_IXAC_XVERSION	++ INPUT XVERSION
1305	(519)	CHARACTER	6	WLM_IXAC_XEYECATCH	++ CONSTANT XEYECATCH
1311	(51F)	BITSTRING	1	WLM_IXAC_XSTB	++ INPUT
		1...		WLM_IXAC_XSTB_NO	"B'10000000'" ++ XSTB.NO KEYWORD
		.1..		WLM_IXAC_XSTB_YES	"B'01000000'" ++ XSTB.YES KEYWORD
1312	(520)	BITSTRING	8	WLM_IXAC_XMSGTOKEN	++ XMSGTOKEN
1320	(528)	ADDRESS	4	WLM_IXAC_XDATA	++ XDATA
1324	(52C)	SIGNED	4	WLM_IXAC_XDATALEN	++ XDATALEN
1328	(530)	SIGNED	4	WLM_IXAC_XUSERRC	++ XUSERRC
1332	(534)	SIGNED	4	WLM_IXAC_XGROUPTOKEN	++ XGROUPTOKEN
1336	(538)	SIGNED	4	WLM_IXAC_XSYSRC	++ XSYSRC
1340	(53C)	SIGNED	4	WLM_IXAC_XSYSRSN	++ XSYSRSN
1344	(540)	BITSTRING	1	WLM_IXAC_XKEYS	++ FIELD_LABEL
		1...		WLM_IXAC_KEYUSED_DATA	"B'10000000'" ++ KEYUSED.DATA KEYWORD
		.1..		WLM_IXAC_KEYUSED_DATALEN	"B'01000000'" ++ KEYUSED.DATALEN KEYWORD

Table 130. Structure WLM_START (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		WLM_IXAC_KEYUSED_USERRC	"B'00100000'" ++ KEYUSED.USERRC KEYWORD
		...1		WLM_IXAC_KEYUSED_SYSRC	"B'00010000'" ++ KEYUSED.SYSRC KEYWORD
		.... 1...		WLM_IXAC_KEYUSED_SYSRSN	"B'00001000'" ++ KEYUSED.SYSRSN KEYWORD
1345	(541)	BITSTRING	1	WLM_IXAC_XMSGATTR	++ INPUT
		1...		WLM_IXAC_XMSGATTR_J3CONNECT	
					"B'10000000'" ++ XMSGATTR.J3CONNECT KEYWORD
		.1..		WLM_IXAC_XMSGATTR_EXPRESS	"B'01000000'" ++ XMSGATTR.EXPRESS KEYWORD
1345	(541)	X'2A'	0	WLM_IXACL	"*-WLM_IXAC" ++ LENGTH OF PLIST

IXZXIXAC-1

IXZXIXSM parameter list.

MACDATE -10/16/01-<2>

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	X'518'	0	M00M0030	"WLM_IXSM" ++ IXZXIXSM NAME
1304	(518)	DBL WORD	8	WLM_IXSM(0)	++ IXZXIXSM PARM LIST
1304	(518)	BITSTRING	1	WLM_IXSM_XVERSION	++ INPUT XVERSION
1305	(519)	CHARACTER	6	WLM_IXSM_XEYECATCH	++ CONSTANT XEYECATCH
1311	(51F)	BITSTRING	1	WLM_IXSM_XMSGATTR	++ INPUT
		1...		WLM_IXSM_XMSGATTR_J3CONNECT	
					"B'10000000'" ++ XMSGATTR.J3CONNECT KEYWORD
		.1..		WLM_IXSM_XMSGATTR_EXPRESS	"B'01000000'" ++ XMSGATTR.EXPRESS KEYWORD
1312	(520)	CHARACTER	16	WLM_IXSM_XMBOXNAME	++ XMBOXNAME
1328	(530)	CHARACTER	16	WLM_IXSM_XMEMBER	++ XMEMBER
1344	(540)	ADDRESS	4	WLM_IXSM_XDATA	++ XDATA
1348	(544)	SIGNED	4	WLM_IXSM_XDATALEN	++ XDATALEN
1352	(548)	BITSTRING	8	WLM_IXSM_XREQTOKEN	++ XREQTOKEN
1360	(550)	CHARACTER	16	WLM_IXSM_XREQMBOX	++ XREQMBOX
1376	(560)	SIGNED	4	WLM_IXSM_XDATAALET	++ XDATAALET
1380	(564)	SIGNED	4	WLM_IXSM_XRESPDALT	++ XRESPDALT
1384	(568)	SIGNED	4	WLM_IXSM_XECB	++ XECB
1388	(56C)	SIGNED	4	WLM_IXSM_XEXIT	++ XEXIT
1392	(570)	BITSTRING	8	WLM_IXSM_XCONNECT	++ XCONNECT
1400	(578)	SIGNED	4	WLM_IXSM_XGROUPTOKEN	++ XGROUPTOKEN
1404	(57C)	SIGNED	4	WLM_IXSM_XUSERRC	++ XUSERRC
1408	(580)	SIGNED	4	WLM_IXSM_XRESPDATA	++ XRESPDATA
1412	(584)	SIGNED	4	WLM_IXSM_XRESPDLEN	++ XRESPDLEN
1416	(588)	CHARACTER	4	WLM_IXSM_XRSV00001	++ RESERVED XRSV00001
1420	(58C)	BITSTRING	8	WLM_IXSM_XMSGTOKEN	++ XMSGTOKEN
1428	(594)	SIGNED	4	WLM_IXSM_XRIPSIZE	++ XRIPSIZE
1432	(598)	BITSTRING	1	WLM_IXSM_XREQTYPE	++ INPUT
		1...		WLM_IXSM_XREQTYPE_ASYNC	"B'10000000'" ++ XREQTYPE.ASYNC KEYWORD

Table 130. Structure WLM_START (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.1..		WLM_IXSM_XREQTYPE_SYNC	"B'01000000'" ++ XREQTYPE.SYNC KEYWORD
		..1.		WLM_IXSM_XREQTYPE_ASYNCACK	"B'00100000'" ++ XREQTYPE.ASYNCACK KEYWORD
		...1		WLM_IXSM_XREQTYPE_COMM	"B'00010000'" ++ XREQTYPE.COMM KEYWORD
1433	(599)	BITSTRING	1	WLM_IXSM_XSEGTYPE	++ INPUT
		1...		WLM_IXSM_XSEGTYPE_SINGLE	"B'10000000'" ++ XSEGTYPE.SINGLE KEYWORD
		.1..		WLM_IXSM_XSEGTYPE_FIRST	"B'01000000'" ++ XSEGTYPE.FIRST KEYWORD
		..1.		WLM_IXSM_XSEGTYPE_MIDDLE	"B'00100000'" ++ XSEGTYPE.MIDDLE KEYWORD
		...1		WLM_IXSM_XSEGTYPE_LAST	"B'00010000'" ++ XSEGTYPE.LAST KEYWORD
		.... 1...		WLM_IXSM_XSEGTYPE_ABORT	"B'00001000'" ++ XSEGTYPE.ABORT KEYWORD
1434	(59A)	BITSTRING	1	WLM_IXSM_XKEYS	++ FIELD_LABEL
		1...		WLM_IXSM_KEYUSED_REQTYPE	"B'10000000'" ++ KEYUSED.REQTYPE KEYWORD
		.1..		WLM_IXSM_KEYUSED_REQTOKEN	"B'01000000'" ++ KEYUSED.REQTOKEN KEYWORD
		..1.		WLM_IXSM_KEYUSED_REQMBOX	"B'00100000'" ++ KEYUSED.REQMBOX KEYWORD
		...1		WLM_IXSM_KEYUSED_EXIT	"B'00010000'" ++ KEYUSED.EXIT KEYWORD
		.... 1...		WLM_IXSM_KEYUSED_SEGTYPE	"B'00001000'" ++ KEYUSED.SEGTYPE KEYWORD
		.... .1..		WLM_IXSM_KEYUSED_CONNECT	"B'00000100'" ++ KEYUSED.CONNECT KEYWORD
		.... ..1.		WLM_IXSM_KEYUSED_MSGTOKEN	"B'00000010'" ++ KEYUSED.MSGTOKEN KEYWORD
		1		WLM_IXSM_KEYUSED_MSGATTR	"B'00000001'" ++ KEYUSED.MSGATTR KEYWORD
1435	(59B)	BITSTRING	1	WLM_IXSM_XKEYS1	++ FIELD_LABEL
		1...		WLM_IXSM_KEYUSED_ECB	"B'10000000'" ++ KEYUSED.ECB KEYWORD
		.1..		WLM_IXSM_KEYUSED_DATAALET	"B'01000000'" ++ KEYUSED.DATAALET KEYWORD
		..1.		WLM_IXSM_KEYUSED_RELEASE_CADS	
					"B'00100000'" ++ KEYUSED.RELEASE_CADS KEYWORD
		...1		WLM_IXSM_KEYUSED_RIPSIZE	"B'00010000'" ++ KEYUSED.RIPSIZE KEYWORD
1435	(59B)	X'84'	0	WLM_IXSML	"*-WLM_IXSM" ++ LENGTH OF PLIST

	IXZXIXSM-2	
IXZXIXMD parameter list.		

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1300	(514)	SIGNED	2	M00M0031(0)	IXZXIXMD-1
1304	(518)	DBL WORD	8	WLM_IXMD(0)	++ IXZXIXMD PARM LIST
1304	(518)	BITSTRING	1	WLM_IXMD_XVERSION	++ INPUT XVERSION
1305	(519)	CHARACTER	6	WLM_IXMD_XEYECATCH	++ CONSTANT XEYECATCH
1311	(51F)	BITSTRING	1	WLM_IXMD_XSTB	++ INPUT

Table 130. Structure WLM_START (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		WLM_IXMD_XSTB_NO	"B'10000000'" ++ XSTB.NO KEYWORD
		.1..		WLM_IXMD_XSTB_YES	"B'01000000'" ++ XSTB.YES KEYWORD
1312	(520)	CHARACTER	16	WLM_IXMD_XMBOXNAME	++ XMBOXNAME
1328	(530)	SIGNED	4	WLM_IXMD_XGROUPTOKEN	++ XGROUPTOKEN
1328	(530)	X'1C'	0	WLM_IXMDL	"*-WLM_IXMD" ++ LENGTH OF PLIST

			IXZXIXMD-1		
	STIMERM parameter list.				

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1300	(514)	BITSTRING	24	WLM_STIMERM	REMOTE STIMERM SET PARM LIST

	ESTAEX parameter list.				

1300	(514)	SIGNED	4	(0)	
1300	(514)	ADDRESS	1	WLM_ESTAEX	FLAGS FOR ESTAEX
1301	(515)	ADDRESS	1		SECOND FLAG BYTE
1302	(516)	ADDRESS	1		THIRD FLAG BYTE
1303	(517)	ADDRESS	1		VERSION NUMBER
1304	(518)	ADDRESS	4		TOKEN VALUE AREA
1308	(51C)	ADDRESS	4		PARM. LIST ADDR. NOT SPECIFIED
1312	(520)	ADDRESS	4		ALET FOR PARM LIST
1316	(524)	ADDRESS	4		EXIT ADDR NOT SPECD

	SDUMPX Parameter List.				

1300	(514)	SIGNED	4	WLM_SDUMPX(0)	SDUMP PARAMETER LIST
1300	(514)	ADDRESS	1		FLAG BYTE
1301	(515)	ADDRESS	1		FLAG BYTE
1302	(516)	ADDRESS	1		FLAG BYTE
1303	(517)	ADDRESS	1		FLAG BYTE
1304	(518)	ADDRESS	4		ADDRESS OF DCB
1308	(51C)	ADDRESS	4		ADDRESS OF STORAGE LIST
1312	(520)	ADDRESS	4		ADDRESS OF USER DATA
1316	(524)	ADDRESS	4		ADDRESS OF ECB/SRB
1320	(528)	ADDRESS	2		CURRENT ASID
1322	(52A)	ADDRESS	2		OTHER ASID
1324	(52C)	ADDRESS	4		ADDRESS OF ASID LIST
1328	(530)	ADDRESS	4		ADDRESS OF SUMLIST/SUMLSTA LIST
1332	(534)	ADDRESS	4		RESERVED
1336	(538)	ADDRESS	4		RESERVED
1340	(53C)	ADDRESS	1		FLAG BYTE
1341	(53D)	ADDRESS	1		CONTROL FLAG BYTE
1342	(53E)	ADDRESS	1		TYPE FLAG BYTE
1343	(53F)	ADDRESS	1		VERSION
1344	(540)	ADDRESS	1		EXIT FLAG BYTE
1345	(541)	ADDRESS	1		EXIT FLAG BYTE
1346	(542)	ADDRESS	1		SDATA OPTIONS

Table 130. Structure WLM_START (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1347	(543)	ADDRESS	1		RESERVED SDATA OPTIONS
1348	(544)	ADDRESS	4		ADDRESS OF SUBPLST
1352	(548)	ADDRESS	4		ADDRESS OF KEYLIST
1356	(54C)	ADDRESS	4		RESERVED
1360	(550)	ADDRESS	4		ALET OF DCB PARAMETER
1364	(554)	ADDRESS	4		ALET OF STORAGE PARAM
1368	(558)	ADDRESS	4		ALET OF HDR PARAMETER
1372	(55C)	ADDRESS	4		ALET OF ASIDLST PARAM
1376	(560)	ADDRESS	4		ALET OF SUMLIST PARAM
1380	(564)	ADDRESS	4		ALET OF SUBPLST PARAM
1384	(568)	ADDRESS	4		ALET OF KEYLIST PARAM
1388	(56C)	ADDRESS	4		No LIST64/LISTD
1392	(570)	ADDRESS	4		No ALET for LISTD/LIST64
1396	(574)	ADDRESS	4		No SUMLSTL or SUMLIST64
1400	(578)	ADDRESS	4		ALET SUMLSTL or SUMLIST64
1404	(57C)	ADDRESS	4	(2)	RESERVED
		Reset to end of parameter lists.			
		WLM subtask mail box name.			
1604	(644)	CHARACTER	16	WLM_MBNAME	Mailbox name
		End of the WLM.			
1624	(658)	DBL WORD	8	WLM_END(0)	End of WLM
1624	(658)	X'658'	0	WLM_SIZE	"WLM_END-WLM_START" Size of WLM
		Miscellaneous Equates.			
1624	(658)	X'1D4C0'	0	WLM_JCTCKPTM	"(20*60*100)" JCT checkpointing timer interval in hundreths of a second
1624	(658)	X'1D4C0'	0	WLM_DREGSCTM	"(20*60*100)" Service class deregistration time interval in hundreths of a second
1624	(658)	X'C8'	0	WLM_SAMPMINI	"200" Minimum time between samples in 100ths of a second
1624	(658)	X'1770'	0	WLM_SAMPMAXI	"6000" Maximum time between samples in 100ths of a second
1624	(658)	X'F'	0	WLM_BQRYSEC	"15" Number of seconds that must elapse before an IWMBQRY request is issued during sampling to get a list of systems where there are no initiators started for each service class
1624	(658)	X'E'	0	WLM_BQRYTIME	"WLM_BQRYSEC*1000000/1048576" IWMBQRY time in clock units

Table 131. Cross Reference for IATYWLM

Name	Offset	Hex Tag
M00M0023	0	518
M00M0024	0	518
M00M0025	0	518

Table 131. Cross Reference for IATYWLM (continued)

Name	Offset	Hex Tag
M00M0026	514	
M00M0027	514	
M00M0028	514	
M00M0029	0	518
M00M0030	0	518
M00M0031	514	
WLM_ANRCLSCN	424	8
WLM_APPLENV	48	E2E8E2C2
WLM_ATIME	42C	0
WLM_BQRY	518	
WLM_BQRY_KEYUSED_AVGQ	519	80
WLM_BQRY_KEYUSED_PREFLIST	519	20
WLM_BQRY_KEYUSED_SYSTEML	519	40
WLM_BQRY_XAVGQ	52C	
WLM_BQRY_XNUMSYS	534	
WLM_BQRY_XOPTIONS	519	
WLM_BQRY_XPLISTLEN	51A	
WLM_BQRY_XPREFLIST_ADDR	538	
WLM_BQRY_XPREFNUM	53C	
WLM_BQRY_XQTOKEN	51C	
WLM_BQRY_XSYSTEML_ADDR	530	
WLM_BQRY_XVERSION	518	
WLM_BQRYCNT	540	0
WLM_BQRYL	53C	28
WLM_BQRYREQ	427	10
WLM_BQRYSEC	658	F
WLM_BQRYSIZE	544	104
WLM_BQRYSYS	544	40404040
WLM_BQRYTIME	658	E
WLM_BQSHDR	168	
WLM_BQSRC	170	
WLM_BQSSC	16C	
WLM_BRIP	518	
WLM_BRIP_XNUMSYS	530	
WLM_BRIP_XPLISTLEN	51A	
WLM_BRIP_XQTOKEN	51C	
WLM_BRIP_XRSV0001	519	
WLM_BRIP_XRSV001C	534	
WLM_BRIP_XSYSTEML_ADDR	52C	
WLM_BRIP_XVERSION	518	
WLM_BRIPCNT	53C	0
WLM_BRIPL	534	24
WLM_BRIPMMSK	290	0
WLM_BRIPSIZE	540	104
WLM_BRIPSYS	540	40404040
WLM_BSMP	518	

Table 131. Cross Reference for IATYWLM (continued)

Name	Offset	Hex Tag
WLM_BSMP_XBQS	51C	
WLM_BSMP_XPLISTLEN	51A	
WLM_BSMP_XRSV0001	519	
WLM_BSMP_XRSV0040	540	
WLM_BSMP_XRSV0044	544	
WLM_BSMP_XSVDEF_ID	520	
WLM_BSMP_XVERSION	518	
WLM_BSMPL	544	34
WLM_BSMPRESN	298	0
WLM_BSMPRETC	294	0
WLM_CLSFYWRK	118	
WLM_CLSLMTUP	427	4
WLM_COMMECB	13C	0
WLM_CONNTOKN	44	0
WLM_CRHIGHRC	228	0
WLM_CRHIGHSC	220	0
WLM_CRPLEXRC	198	
WLM_CSMBRIP	A4	
WLM_CSMGTFTR	A8	
WLM_CSMMTXIN	A0	
WLM_CURRSTAK	3EC	
WLM_DEFPOLCY	422	20
WLM_DREGSCAN	420	4
WLM_DREGSCTM	658	1D4C0
WLM_DRGSCAN	B0	
WLM_DSPALET	180	0
WLM_DSPEND	190	0
WLM_DSPFREE	22C	
WLM_DSPORIGN	18C	0
WLM_DSPSTOKN	184	0
WLM_DUMPECB	144	0
WLM_DWORK	2F0	
WLM_ECBADD1	128	
WLM_ECBADD2	12C	
WLM_ECBADD3	130	
WLM_ECBLIST	128	
WLM_ECFR101	420	1
WLM_ECFR201	421	1
WLM_ECFR202	421	2
WLM_ECFR204	421	4
WLM_ECFR208	421	8
WLM_ECFR210	421	2
WLM_ECFR220	421	10
WLM_ECFR240	421	20
WLM_ECFR280	421	40
WLM_ECF1	420	0

Table 131. Cross Reference for IATYWLM (continued)

Name	Offset	Hex Tag
WLM_ECF1POST	420	FE
WLM_ECF2	421	80
WLM_END	658	
WLM_ESTAEX	514	
WLM_EVENT	420	2
WLM_EVTROUTR	BC	
WLM_FCTFAIL	424	40
WLM_FCTFLG1	424	0
WLM_FCTFLG2	425	0
WLM_FCTFLG3	426	0
WLM_FCTR101	424	1
WLM_FCTR201	425	1
WLM_FCTR202	425	2
WLM_FCTR204	425	4
WLM_FCTR208	425	8
WLM_FCTR210	425	10
WLM_FCTR220	425	20
WLM_FCTR240	425	40
WLM_FCTR280	425	80
WLM_FCTR301	426	1
WLM_FCTR302	426	2
WLM_FCTR304	426	4
WLM_FCTR308	426	8
WLM_FCTR310	426	10
WLM_FCTR320	426	20
WLM_FCTR340	426	40
WLM_FCTR380	426	80
WLM_FJRRETRY	C4	
WLM_FLAG1	422	0
WLM_FLAG2	423	0
WLM_FLGR101	422	1
WLM_FLGR102	422	2
WLM_FLGR104	422	4
WLM_FLGR201	423	1
WLM_FLGR202	423	2
WLM_FLGR204	423	4
WLM_FLGR208	423	8
WLM_FLGR210	423	10
WLM_FLGR220	423	20
WLM_FLGR240	423	40
WLM_FLGR280	423	80
WLM_FSMCOLCT	CC	
WLM_GENF	490	
WLM_GSMANLYZ	D4	
WLM_GSMTIMER	D8	
WLM_GTFBUFAD	148	

Table 131. Cross Reference for IATYWLM (continued)

Name	Offset	Hex Tag
WLM_GTFBUFSZ	14C	0
WLM_IATWLCSM	9C	
WLM_IATWLDRG	AC	
WLM_IATWLDRV	B4	
WLM_IATWLEVT	B8	
WLM_IATWLFJR	C0	
WLM_IATWLFSM	C8	
WLM_IATWLGSM	D0	
WLM_IATWLJCK	DC	
WLM_IATWLLSM	E4	
WLM_IATWLRCL	F0	
WLM_IATWLSRR	FC	
WLM_IATWLSTA	100	
WLM_IATWLSTK	108	
WLM_ID	0	E6D3D440
WLM_INITFAIL	424	80
WLM_IXAC	518	
WLM_IXAC_KEYUSED_DATA	540	80
WLM_IXAC_KEYUSED_DATALEN	540	40
WLM_IXAC_KEYUSED_SYSRC	540	10
WLM_IXAC_KEYUSED_SYSRSN	540	8
WLM_IXAC_KEYUSED_USERRC	540	20
WLM_IXAC_XDATA	528	
WLM_IXAC_XDATALEN	52C	
WLM_IXAC_XEYECATCH	519	
WLM_IXAC_XGROUPTOKEN	534	
WLM_IXAC_XKEYS	540	
WLM_IXAC_XMSGATTR	541	
WLM_IXAC_XMSGATTR_EXPRESS	541	40
WLM_IXAC_XMSGATTR_J3CONNECT	541	80
WLM_IXAC_XMSGTOKEN	520	
WLM_IXAC_XSTB	51F	
WLM_IXAC_XSTB_NO	51F	80
WLM_IXAC_XSTB_YES	51F	40
WLM_IXAC_XSYSRC	538	
WLM_IXAC_XSYSRSN	53C	
WLM_IXAC_XUSERRC	530	
WLM_IXAC_XVERSION	518	
WLM_IXACL	541	2A
WLM_IXMB	518	
WLM_IXMB_XEYECATCH	519	
WLM_IXMB_XGROUPTOKEN	53C	
WLM_IXMB_XMBOXNAME	520	
WLM_IXMB_XPOSTALET	538	
WLM_IXMB_XPOSTDATA	534	
WLM_IXMB_XPOSTXIT	530	

Table 131. Cross Reference for IATYWLM (continued)

Name	Offset	Hex Tag
WLM_IXMB_XRSV0001	51F	
WLM_IXMB_XSYSEVENT_NO	540	40
WLM_IXMB_XSYSEVENT_YES	540	80
WLM_IXMB_XSYSEVENTS	540	
WLM_IXMB_XVERSION	518	
WLM_IXMBL	540	29
WLM_IXMC	518	
WLM_IXMC_XEYECATCH	519	
WLM_IXMC_XGROUPTOKEN	530	
WLM_IXMC_XMBOXNAME	520	
WLM_IXMC_XSTB	51F	
WLM_IXMC_XSTB_NO	51F	80
WLM_IXMC_XSTB_YES	51F	40
WLM_IXMC_XVERSION	518	
WLM_IXMCL	530	1C
WLM_IXMD	518	
WLM_IXMD_XEYECATCH	519	
WLM_IXMD_XGROUPTOKEN	530	
WLM_IXMD_XMBOXNAME	520	
WLM_IXMD_XSTB	51F	
WLM_IXMD_XSTB_NO	51F	80
WLM_IXMD_XSTB_YES	51F	40
WLM_IXMD_XVERSION	518	
WLM_IXMDL	530	1C
WLM_IXRM	518	
WLM_IXRM_XEYECATCH	519	
WLM_IXRM_XGROUPTOKEN	53C	
WLM_IXRM_XMBOXNAME	520	
WLM_IXRM_XPOSTALET	538	
WLM_IXRM_XPOSTDATA	534	
WLM_IXRM_XPOSTXIT	530	
WLM_IXRM_XRSV0001	51F	
WLM_IXRM_XSYSEVENT_NO	540	40
WLM_IXRM_XSYSEVENT_YES	540	80
WLM_IXRM_XSYSEVENTS	540	
WLM_IXRM_XVERSION	518	
WLM_IXRML	540	29
WLM_IXSM	518	
WLM_IXSM_KEYUSED_CONNECT	59A	4
WLM_IXSM_KEYUSED_DATAALET	59B	40
WLM_IXSM_KEYUSED_ECB	59B	80
WLM_IXSM_KEYUSED_EXIT	59A	10
WLM_IXSM_KEYUSED_MSGATTR	59A	1
WLM_IXSM_KEYUSED_MSGTOKEN	59A	2
WLM_IXSM_KEYUSED_RELEASE_CADS	59B	20
WLM_IXSM_KEYUSED_REQMBOX	59A	20

Table 131. Cross Reference for IATYWLM (continued)

Name	Offset	Hex Tag
WLM_IXSM_KEYUSED_REQTOKEN	59A	40
WLM_IXSM_KEYUSED_REQTYPE	59A	80
WLM_IXSM_KEYUSED_RIPSIZE	59B	10
WLM_IXSM_KEYUSED_SEGTYPE	59A	8
WLM_IXSM_XCONNECT	570	
WLM_IXSM_XDATA	540	
WLM_IXSM_XDATAALET	560	
WLM_IXSM_XDATALEN	544	
WLM_IXSM_XECB	568	
WLM_IXSM_XEXIT	56C	
WLM_IXSM_XEYECATCH	519	
WLM_IXSM_XGROUPTOKEN	578	
WLM_IXSM_XKEYS	59A	
WLM_IXSM_XKEYS1	59B	
WLM_IXSM_XMBOXNAME	520	
WLM_IXSM_XMEMBER	530	
WLM_IXSM_XMSGATTR	51F	
WLM_IXSM_XMSGATTR_EXPRESS	51F	40
WLM_IXSM_XMSGATTR_J3CONNECT	51F	80
WLM_IXSM_XMSGTOKEN	58C	
WLM_IXSM_XREQMBOX	550	
WLM_IXSM_XREQTOKEN	548	
WLM_IXSM_XREQTYPE	598	
WLM_IXSM_XREQTYPE_ASYNC	598	80
WLM_IXSM_XREQTYPE_ASYNCACK	598	20
WLM_IXSM_XREQTYPE_COMM	598	10
WLM_IXSM_XREQTYPE_SYNC	598	40
WLM_IXSM_XRESPDALT	564	
WLM_IXSM_XRESPDATA	580	
WLM_IXSM_XRESPDLEN	584	
WLM_IXSM_XRIPSIZE	594	
WLM_IXSM_XRSV00001	588	
WLM_IXSM_XSEGTYPE	599	
WLM_IXSM_XSEGTYPE_ABORT	599	8
WLM_IXSM_XSEGTYPE_FIRST	599	40
WLM_IXSM_XSEGTYPE_LAST	599	10
WLM_IXSM_XSEGTYPE_MIDDLE	599	20
WLM_IXSM_XSEGTYPE_SINGLE	599	80
WLM_IXSM_XUSERRC	57C	
WLM_IXSM_XVERSION	518	
WLM_IXSML	59B	84
WLM_JCKSTART	E0	
WLM_JCTCHKPT	420	8
WLM_JCTCKPTM	658	1D4C0
WLM_JQES	498	
WLM_JQES_MAX_KEYS	50F	5

Table 131. Cross Reference for IATYWLM (continued)

Name	Offset	Hex Tag
WLM_JQESSIZE	50F	7C
WLM_JQESTOKN	490	0
WLM_LASTBQRY	70	0
WLM_LOCKECB	140	0
WLM_LSMPOSTX	EC	
WLM_LSMSAMPL	E8	
WLM_MBNAME	644	40404040
WLM_MSGDATAD	278	
WLM_MSGDATLN	27C	0
WLM_MSGP	440	
WLM_MSGTOKEN	280	0
WLM_NEWSRVDF	427	8
WLM_NOSLEEP	422	8
WLM_NSERFLGS	424	
WLM_PARMLST	490	
WLM_PCHCOMP	424	10
WLM_POLCYCHG	420	80
WLM_PREVSRVC	29C	40404040
WLM_PVHIGHRC	224	0
WLM_PVHIGHSC	21C	0
WLM_PVPLEXRC	194	
WLM_RCINPROG	424	20
WLM_RCLPOLCH	F8	
WLM_RCLPOST	F4	
WLM_RECLJOBS	420	10
WLM_RECPARM	3F0	3F4
WLM_RECRTNAD	3F0	3F0
WLM_RECSTACK	3F0	0
WLM_RECSTKLN	3F0	8
WLM_RECSTLST	3F0	418
WLM_RESACT	424	2
WLM_RESCAN	424	4
WLM_RPTCCOPY	427	2
WLM_RSVD	6A	0
WLM_RSVD1	78	0
WLM_RSVD2	19C	0
WLM_SAMPALL	427	20
WLM_SAMPECB	134	0
WLM_SAMPFCTW	270	80
WLM_SAMPINTV	25C	0
WLM_SAMPLE	420	40
WLM_SAMPLOCK	270	0
WLM_SAMPMAXI	658	1770
WLM_SAMPMINI	658	C8
WLM_SAMPMMSK	28C	0
WLM_SAMPNCCT	264	0

Table 131. Cross Reference for IATYWLM (continued)

Name	Offset	Hex Tag
WLM_SAMPOWNR	270	270
WLM_SAMPSYS	23C	0
WLM_SAMPTIME	268	0
WLM_SAMPTMID	260	0
WLM_SAMPTSKW	270	40
WLM_SAMPWAIT	270	274
WLM_SAVE	2A4	0
WLM_SDUMPX	514	
WLM_SELF	124	
WLM_SERFLGS	420	
WLM_SIZE	658	658
WLM_SLEEPMOD	422	40
WLM_SLLEN	164	18
WLM_SLOWMODE	422	80
WLM_SLRANGCT	15C	0
WLM_SLRANGEN	164	
WLM_SLRANGST	160	
WLM_SLSTOKEN	154	0
WLM_SLTOTLEN	150	0
WLM_SRVCCNT	114	0
WLM_SRVCFRST	10C	
WLM_SRVCLAST	110	
WLM_SRVDEFID	4	0
WLM_SRVDEFWK	24	0
WLM_SSALLNXT	422	10
WLM_STACKCNT	3EC	6
WLM_STAR	420	20
WLM_STAROUTR	104	
WLM_START	0	
WLM_STIMERM	514	0
WLM_STINCOMP	427	40
WLM_STORLIST	150	
WLM_STPARMLS	514	
WLM_SUBTFAIL	427	80
WLM_SYSCNT	68	0
WLM_TASKTCB	11C	
WLM_TIMEECB	138	0
WLM_TSKFLG1	427	0
WLM_TSKFLG2	428	0
WLM_TSKFLG3	429	0
WLM_TSKNXTSV	2FC	
WLM_TSKR101	427	1
WLM_TSKR201	428	1
WLM_TSKR202	428	2
WLM_TSKR204	428	4
WLM_TSKR208	428	8

Table 131. Cross Reference for IATYWLM (continued)

Name	Offset	Hex Tag
WLM_TSKR210	428	10
WLM_TSKR220	428	20
WLM_TSKR240	428	40
WLM_TSKR280	428	80
WLM_TSKR301	429	1
WLM_TSKR302	429	2
WLM_TSKR304	429	4
WLM_TSKR308	429	8
WLM_TSKR310	429	10
WLM_TSKR320	429	20
WLM_TSKR340	429	40
WLM_TSKR380	429	80
WLM_TSKSAVE	300	0
WLM_TSKSAVE2	348	0
WLM_TSKSAVE3	390	0
WLM_TSKSVLEN	300	48
WLM_TSKWORK	3D8	
WLM_TSKWORK1	3D8	0
WLM_TSKWORK2	3DC	0
WLM_TSKWORK3	3E0	0
WLM_TSKWORK4	3E4	0
WLM_TSKWORK5	3E8	0
WLM_TVT	120	
WLM_USMPMMSK	288	0
WLM_WJSGMS	230	
WLM_WJSMAINW	238	
WLM_WJSMDS	234	
WLM_WJSQHDRS	230	
WLM_WORK1	2F0	0
WLM_WORK2	2F4	0
WLM_WORK3	2F8	0
WLM_WSTBADDR	174	
WLM_WSTBSIZE	178	0
WLM_WSTBSRVC	17C	

IATYWSB information

IATYWSB heading information

Common name:	WORKSTATION CONTROL BLOCK Workstation Control Block
Macro ID:	IATYWSB
DSECT name:	IATYWSB
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	WSB Offset: WSBCBDES Length: 4

	Storage attributes:	Auxiliary Storage: JES3 Spool Dataset Subpool: SRDPOOL Key: 1 Data Space: None Residency: Private any
	Size:	260 Bytes
	Created by:	IATSNLB
	Pointed to by:	Chained off SRTWSBWQ field of the SRT data area and SRTWSCHN is pointed to by LCBWSK field of the LCB data area.
	Serialization:	ENQ/DEQ (IATYENQ/IATYDEQ) are used for serialization, of certain fields.
	Function:	This is the DSECT for the workstation control block. It contains information necessary to define a workstation and map the devices and sessions together. Also contained here are workstation related flags. Dependencies: IATYDVEN must be used when issuing IATYWSB

IATYWSB mapping

Table 132. Structure IATYWSB

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATYWSB	
0	(0)	CHARACTER	4	WSBCBDES	WSB CONTROL FIELD
4	(4)	CHARACTER	8	WSBNAME	WORKSTATION NAME
12	(C)	CHARACTER	8	WSBCTBN	DEFAULT COMPACTION TABLE NAME
20	(14)	CHARACTER	8	WSBAUTLU	AUTO LOGON LU NAME
28	(1C)	ADDRESS	4	WSBWSCHN	CHAIN FIELD USED TO CHAIN ACTIVE WSB
32	(20)	ADDRESS	4	WSBWQ	CHAIN FIELD USED TO CHAIN WSB'S WAITING FOR ALL PUTUNITS TO BE DONE
36	(24)	ADDRESS	4	WSBLCBA	ADDRESS OF FIRST LCB FOR THIS WS
40	(28)	ADDRESS	4	WSBSUPAD	ADDRESS OF 1ST SUPUNIT FOR THIS WS
44	(2C)	ADDRESS	4	WSBRLTA	ADDRESS OF RLT ENTRY FOR THIS WS
48	(30)	ADDRESS	4	WSBRDRDE	POINTER TO FIRST READER DEVICE ENTRY
52	(34)	ADDRESS	4	WSBPRTDE	POINTER TO FIRST PRINTER DEVICE ETRY
56	(38)	ADDRESS	4	WSBPUDE	POINTER TO FIRST PUNCH DEVICE ENTRY
60	(3C)	ADDRESS	4	WSBCONDE	POINTER TO INBOUND CONSOLE DEVICE OUTBOUND CONSOLE ENTRY FOLLOWS
64	(40)	ADDRESS	4	WSBLUNA	PTR TO FIRST ENTRY IN LU NAME LST
68	(44)	SIGNED	2	WSBLUNUM	NUMBER OF ENTRIES IN LU NAME LIST DEFAULT SHOULD BE 0
70	(46)	BITSTRING	1	WSBDVNUM	NUMBER OF DEVICE ENTRIES FOR THIS WS NUMBER = RDNUM+PRNUM+PUNUM+2 FOR CONSOLE (INBOUND & OUTBOUND)
71	(47)	BITSTRING	1	WSBOBSES	COUNT OF OUTBOUND SESSIONS
72	(48)	BITSTRING	1	WSBIBSES	COUNT OF INBOUND SESSION
		IATYCNDB_1:;			
76	(4C)	SIGNED	4	WSBCNDB(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

Table 132. Structure IATYWSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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
170	(AA)	BITSTRING	1		RESERVED
		ALL FLAGS WITHIN WSBCSFL MUST BE MINUPLATED BY COMPARE AND SWAP DUE TO SRB AND DSP UPDATING IN MP			
172	(AC)	SIGNED	4	(0)	INSURE WORD ALIGNMENT
172	(AC)	BITSTRING	1	WSBCSFL	COMPARE AND SWAP FLAG
172	(AC)	X'AC'	0	WSBSTOP	"WSBCSFL" STOP BIT TO STOP SESSION TO PERMIT CONSOLE IN
		1...		WSBSTOPM	"X'80'" STOP FLAG
172	(AC)	X'AC'	0	WSBSGNL	"WSBCSFL" FLAG INDICATING SIGNAL NEEDS SENT
		.1..		WSBSGNLM	"X'40'" SIGNAL NEEDED FLAG
172	(AC)	X'AC'	0	WSBCNSL	"WSBCSFL" FLAG INDICATING CONSOLE NEEDS A SESSION
		..1.		WSBCNSLM	"X'20'" CONSOLE NEED A SESSION FLAG
172	(AC)	X'AC'	0	WSBINHP	"WSBCSFL" INHIBIT PR1 OPEN FLAG
		...1		WSBINHPM	"X'10'" INHIBIT PR1 MASK
172	(AC)	X'AC'	0	WSBCEDS	"WSBCSFL" CON HAS SENT AN EDS
		.... 1...		WSBCEDSM	"X'08'" MASK FOR ABOVE
172	(AC)	X'AC'	0	WSBCOPN	"WSBCSFL" CONSOLE WANTS A SESSION BUT PREVIOUS EDS IS NOT YET COMPLETE
		.... .1..		WSBCOPNM	"X'04'" MASK FOR ABOVE
172	(AC)	X'AC'	0	WSBICLK	"WSBCSFL" INBOUND CONSOLE LOCK
		.... ..1.		WSBICLKM	"X'02'" MASK FOR ABOVE
176	(B0)	SIGNED	4	(0)	ADVANCE TO NEXT WORD
		FLAG BYTE 1 ARE FLAG WHICH MUST APPEAR IN ALL BIND RU IF THEY APPEAR IN ONE			
176	(B0)	BITSTRING	1	WSBFLAG1	FLAG BYTE 1 LU SERVICE FLAGS
176	(B0)	X'B0'	0	WSBALLF	"WSBFLAG1" ALL SESSIONS MUST BIND WITH THESE OPTIONS IF ANY ONE DOES
		1...		WSBPDIR	"X'80'" PDIR IS SUPPORTED FOR THIS WS
		.1..		WSBCRIN	"X'40'" CARD INPUT ACCEPTED FROM THIS WS
		..1.		WSBCROPT	"X'20'" CARD OUTPUT PERMITTED FOR THIS WS
		...1		WSBPROPT	"X'10'" PRINTER OUTPUT PERMITTED FOR THIS WORKSTATION
		.... 1...		WSBCMI	"X'08'" COMPRESSION INBOUND ON IN BIND
		.... .1..		WSBCMO	"X'04'" COMPRESSION OUTBOUND ON IN BIND
		.... ..1.		WSBCPI	"X'02'" COMPACTION INBOUND ON IN BIND
		1		WSBCPO	"X'01'" COMPACTION OUTBOUND ON IN BIND
177	(B1)	BITSTRING	1	WSBALLF1	CONT. OF WSBALLF
		1...		WSBASC	"X'80'" ALTERNATE CODE ON IN BIND

Table 132. Structure IATYWSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.1..		WSBSPN	"X'40'" RU SPANNING ON IN BIND
		WSBFLAG2 CONTAINS MISCELLANEOUS WORK FLAGS SET ONLY UNDER THE SNARJP DSP (NO SERIALIZATION IS NECESSARY).			
178	(B2)	BITSTRING	1	WSBFLAG2	FLAG BYTE 2 DFC FLAGS
178	(B2) X'B2'		0	WSBCEP	"WSBFLAG2" CONSOLE EQUALS PRINTER FLAG
		1...		WSBCEPM	"X'80'" CONSOLE EQUALS PRINTER MASK SET AT INITIALIZATION
		.1..		WSBWSTRM	"X'40'" WORKSTATION IS TERMINATING
		..1.		WSBWSIT	"X'20'" WORKSTATION IS BEING IMMEDIATELY TERMINATING
179	(B3)	BITSTRING	1		RESERVED
		THE FOLLOWING IS A USER FIELD			
180	(B4)	SIGNED	4	WSBUSER(2)	USER FIELD
188	(BC)	SIGNED	2	WSBRSVD1	RESERVED FOR DEVELOPMENT
190	(BE)	SIGNED	2	WSBFQET	ELAPSED TIME ON SRTWPFQ
192	(C0)	SIGNED	4	WSBFQTME	HI-ORDER WORD OF TOD CLK WHEN WSB IS PUT ON SRTWPFQ
196	(C4)	ADDRESS	4	WSBLFDQ	LCB FORCE DISCONNECT Q HDR
200	(C8)	ADDRESS	4	WSBWPFQ	CHAIN FIELD USED WHEN THE WSB IS QUEUED ON THE SRT WSB PENDING FREE QUEUE (SRTWPFQ)
204	(CC)	SIGNED	4	WSBICID	CURRENT SESS USING IN CONS
208	(D0)	SIGNED	4	WSBRSVS1(3)	RESERVED FOR SERVICE
		THE FOLLOWING FIELD ARE IN THE WSB FOR EXPANSION DURING TEST			
220	(DC)	CHARACTER	8	WSBMODE	MODE TABLE NAME FOR USE WITH SIMLOGON
228	(E4)	SIGNED	4	WSBRSVD2(2)	RESERVED FOR DEVELOPMENT
236	(EC)	SIGNED	4	WSBRSVS2(3)	RESERVED FOR SERVICE
248	(F8)	BITSTRING	3	WSBRSVS3	RESERVED FOR SERVICE
251	(FB)	BITSTRING	1	WSBFLAG3	MISC FLAG FIELD
		1...		WSBSETUP	"X'80'" FORCE SETUP AT LOGON
252	(FC)	SIGNED	4	WSBRSVU2(2)	RESERVED FOR USER
260	(104)	SIGNED	4	WSBFILL(0)	INSURES WSB ENDS ON A FULLWORD
260	(104) X'104'		0	WSBLEN	"*-IATYWSB" LENGTH OF WSB

Table 133. Structure WSBLUNAM

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	WSBLUNAM	
		WSBLUNAM --- L U N A M E L I S T			
0	(0)	CHARACTER	8	WSBLUNM	LU NAME OF LU PERMITTED TO LOGON FROM THIS WORKSTATION
8	(8)	SIGNED	4	(0)	INSURE EACH ENTRY IS ON A FULLWORD
8	(8) X'8'		0	WSBLUML	"*-WSBLUNAM" LENGTH OF AN ENTRY IN LU NAME LIST

Table 134. Cross Reference for IATYWSB

Name	Offset	Hex Tag
IATYWSB	0	
WSBALLF	B0	B0
WSBALLF1	B1	0
WSBASC	B1	80
WSBAUTLU	14	40404040
WSBCBDES	0	E6E2C240
WSBCEDS	AC	AC
WSBCEDSM	AC	8
WSBCEP	B2	B2
WSBCEPM	B2	80
WSBCMI	B0	8
WSBCMO	B0	4
WSBCNDB	4C	
WSBCNSL	AC	AC
WSBCNSLM	AC	20
WSBCONDE	3C	
WSBCOPN	AC	AC
WSBCOPNM	AC	4
WSBCPI	B0	2
WSBCPO	B0	1
WSBCRIN	B0	40
WSBCROPT	B0	20
WSBCSFL	AC	0
WSBCTBN	C	40404040
WSBDVNUM	46	0
WSBFILL	104	
WSBFLAG1	B0	0
WSBFLAG2	B2	0
WSBFLAG3	FB	0
WSBFQET	BE	0
WSBFQTME	C0	0
WSBIBSES	48	0
WSBICID	CC	0
WSBICLK	AC	AC
WSBICLKM	AC	2
WSBINHP	AC	AC
WSBINHPM	AC	10
WSBLCBA	24	
WSBLEN	104	104
WSBLFDQ	C4	
WSBLUML	8	8
WSBLUNA	40	
WSBLUNAM	0	
WSBLUNM	0	40404040
WSBLUNUM	44	0
WSBMODE	DC	C2C1E3C3

Table 134. Cross Reference for IATYWSB (continued)

Name	Offset	Hex Tag
WSBNAME	4	40404040
WSBOBSES	47	0
WSBPDIR	B0	80
WSBPROPT	B0	10
WSBPRTDE	34	
WSBPUDE	38	
WSBRDRDE	30	
WSBRLTA	2C	
WSBRSVD1	BC	0
WSBRSVD2	E4	0
WSBRSVS1	D0	0
WSBRSVS2	EC	0
WSBRSVS3	F8	0
WSBRSVU2	FC	0
WSBSETUP	FB	80
WSBSGNL	AC	AC
WSBSGNLM	AC	40
WSBSPN	B1	40
WSBSTOP	AC	AC
WSBSTOPM	AC	80
WSBSUPAD	28	
WSBUSER	B4	0
WSBWPFQ	C8	
WSBWQ	20	
WSBWSCHN	1C	
WSBWSIT	B2	20
WSBWSTRM	B2	40

IATYWSP information

IATYWSP programming interface information

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

- *0101
- WSPOSS
- WSPOSTJC
- WSPOSTJI
- WSPPSCPT
- WSPYOSPC

IATYWSP heading information

Common name:	OUTPUT SELECT PARAMETERS
Macro ID:	IATYWSP
DSECT name:	WSPSTART
Owning component:	JES3 (SC1BA)

Eye-catcher ID:	WSP			
	Offset: 176			
	Length: 4			
Storage attributes:	Main Storage: JESPOOL when used in IATYWTR, JES3			
	NUCLEUS when used in IATOSDR			
	Auxiliary Storage: N/A			
Size:	468 Bytes			
Created by:	SEE BELOW			
Pointed to by:	THE WSP IS CONTAINED WITHIN MODULE			
	IATODDR WHEN USED BY THE OUTPUT SERVICE			
	DRIVER AND IN IATYWTR, THE WRITER DATA			
	AREA, WHEN USED BY IATOSWD AND IATOSFD.			
Serialization:	NONE			
Function:	THIS MACRO IS USED TO MAP THE PARAMETER AREA			
	USED BY THE OUTPUT SERVICE SCHEDULING			
	ROUTINES IATOSWS, IATOSSC AND IATOSPC.			
	IT IS ALSO USED TO MAP ENTRIES IN THE			
	QUEUE OF HOT WRITERS WAITING FOR WORK.			
	MACRO DEPENDENCIES = THE IATYFDB DSECT MUST BE			
	INCLUDED PRIOR TO USING THIS			
	MACRO.			
	THE IATYSSX DSECT MUST BE			
	INCLUDED PRIOR TO USING THIS			
	MACRO.			

IATYWSP mapping

Table 135. Structure WSPSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	WSPSTART	
0	(0)	SIGNED	2	WSPTEJBC	Compatible with WSPTEJBI - see IATXJBNO macro
2	(2)	CHARACTER	8	WSPTEUID	USER ID (SYSOUT)
2	(2)	X'2'	0	WSPJOBID	"WSPTEUID" JOB ID (SYSOUT)
0	(0)	ADDRESS	4	WSPCHAIN	WAIT FOR WORK CHAIN FIELD
0	(0)	X'0'	0	WSPRECRD	"WSPCHAIN" TOTAL RECORDS PENDING JOB
4	(4)	ADDRESS	4	WSPAECF	ECF ADDRESS, NEW WORK
8	(8)	BITSTRING	1	WSPMASK	ECF MASK FIELD, NEW WORK
9	(9)	BITSTRING	1	WSPHWCNT	COUNT OF OUTSERV FCT'S 0370 WAITING TO PROCESS THIS 0370 HOT WRITER 0370
10	(A)	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
		...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.			
10	(A)	X'10'	0	WSPFIRRQ	"WSPDEL" FIRST SYSOUT PSO REQUEST

Table 135. Structure WSPSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
10	(A)	X'8'	0	WSPOKRET	"WSPREL" REQUEST ENDED SUCCESSFULLY
10	(A)	X'1'	0	WSPRQCMP	"WSPSCHED" REQUEST IS COMPLETE
11	(B)	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
11	(B)	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
11	(B)	X'1'	0	WSPSAFFL	"WSPCKPRQ" SAF call failed during wait queue search
12	(C)	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.			
12	(C)	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).			
12	(C)	BITSTRING	12	WSPFDBT	Temporary OSE
24	(18)	SIGNED	2	WSPRSVS6	Reserved for IBM
26	(1A)	SIGNED	2	WSPLEN	Length of WSP
28	(1C)	BITSTRING	6	WSPJDS	JDS SPOOL ADDRESS SAVE AREA
34	(22)	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
		.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
35	(23)	BITSTRING	1	WSPOSPC	IATOSPC ERROR REASON CODE

Table 135. Structure WSPSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		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
36	(24)	BITSTRING	12	WSPFDBSV	SAVE FDB FOR PREVIOUS OSE 7#
48	(30)	SIGNED	4	WSPSSCWA	Work area for IATOSSC
52	(34)	BITSTRING	14	WSPRSVS5	Reserved for IBM
66	(42)	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.			
68	(44)	CHARACTER	2	WSPRSV01	' Reserved - do not use
70	(46)	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
		1		WSP4BOSD	"X'01'" PSO DSP supports four-byte OSE sequence number
71	(47)	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

Table 135. Structure WSPSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 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
72	(48)	SIGNED	4	WSPSECPT	POINTER TO GETMAINED AREA FOR USE BY IATXSEC
76	(4C)	SIGNED	4	WSPSAVE	WORK SAVE AREA
80	(50)	SIGNED	4	WSPPSCPT	PTR TO PSSC CONTROL BLOCK 0357 (The D.F.R. memorial PSSC 0049 pointer) 0049
84	(54)	SIGNED	2	WSPBUFNC	OSE buffer number compati- ble value - see WSPBUFN4
86	(56)	SIGNED	2	WSPOFFST	OSE OFFSET VALUE
88	(58)	CHARACTER	1	WSPCCNTL	OSE CARRIAGE CONTROL VALUE
89	(59)	BITSTRING	4	WSPFFDBV	OSE FDB VALIDITY VALUE 05209SRA
93	(5D)	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
94	(5E)	BITSTRING	2	WSPRSVDV	Reserved for IBM 05209SRC
96	(60)	CHARACTER	80	WSPTOKEN	SECURITY TOKEN 0318 INBOUND-CALLER'S UTOKEN OUTBOUND-RETURNED DATA SET'S RTOKEN
176	(B0)	CHARACTER	4	WSPID	WSP eyecatcher 0075
180	(B4)	ADDRESS	4	WSPYOSPC	IATYOSPC address 0075
184	(B8)	ADDRESS	4	WSPTEJBI	Extended jobid 0075
188	(BC)	ADDRESS	4	WSPCKJBI	Checkpoint jobid 0075
192	(C0)	ADDRESS	4	WSPOSTJI	Hot writer queue post 0075 jobid 0075
196	(C4)	SIGNED	4	WSPBUFN4	OSE buffer number, used with WSPOFFST

Table 135. Structure WSPSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		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).			
200	(C8)	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.			
204	(CC)	BITSTRING	16	WSPRQFDB	Work FDB & sequence number
220	(DC)	CHARACTER	4	WSPOSEID	ID for OSE
224	(E0)	SIGNED	2	WSPOSEOF	Offset to 4-byte OSE field
224	(E0)	X'16'	0	WSPERCVL	"*-WSPRQFDB" Length of IATXERCV workarea
224	(E0)	X'CC'	0	WSPERCVW	"WSPRQFDB,WSPERCVL" Workarea for IATXERCV macro
226	(E2)	BITSTRING	3	WSPRSVS4	Reserved for IBM
229	(E5)	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
230	(E6)	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
		.... .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
231	(E7)	BITSTRING	1	WSPFLG6	FLAG BYTE 6
		DEFINITION OF WSPFLG6 (CLEARED UPON ENTRY TO IATOSPC)			

Table 135. Structure WSPSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		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.	
232	(E8)	BITSTRING	1	WSPRTNIN	IATOSPC SUBROUTINE INDEX 0559
232	(E8)	X'0'	0	WSPOSERD	"0" OSE READ SUBROUTINE
232	(E8)	X'4'	0	WSPOSERL	"4" OSE ARELEASE SUBROUTINE
232	(E8)	X'8'	0	WSPOSEWR	"8" OSE WRITE SUBROUTINE
232	(E8)	X'C'	0	WSPJOBCM	"12" JOB COMPLETION SUBROUTINE
232	(E8)	X'10'	0	WSPWTRSC	"16" WRITER SCHEDULE SUBROUTINE
232	(E8)	X'14'	0	WSPRTN20	"20" Reserved for IBM 0075
232	(E8)	X'18'	0	WSPCLSRT	"24" CLASS ROTATION SUBROUTINE
233	(E9)	BITSTRING	1	WSPPECF	ECF FOR PURGE
236	(EC)	ADDRESS	4	WSPRESQ	SAVE AREA FOR RESQ (OSPC)
240	(F0)	SIGNED	4	WSPOSA	ADDRESS OF IATODDR (OSA) 0681 USED FOR LOCAL TO SNA/NJE 0681
244	(F4)	SIGNED	4	WSPCDE	ADDRESS OF CDE (IATODDR) FOR0681 LOCAL TO SNA/NJE PROCESSING 0681
248	(F8)	SIGNED	4	WSPPENSA	PENDING STAGING AREA CHAIN
252	(FC)	SIGNED	4	WSPSTA	ADDR OF STAR FOR IATOSPC
256	(100)	SIGNED	4	WSPSAVE2	2ND WORK SAVE AREA 0559
260	(104)	SIGNED	4	WSPSAVE3	3RD WORK SAVE AREA 0559
264	(108)	SIGNED	4	WSPSAVEA(9)	REGISTER SAVE AREA 0606
300	(12C)	CHARACTER	4	WSPUCSID	UCS ID 0439
304	(130)	CHARACTER	4	WSPFCBID	FCB ID 0096
308	(134)	BITSTRING	8	WSPPSOTM	PSO CALL TIME (TOD) 0232
316	(13C)	ADDRESS	4	WSPCRJOB	Current job for PSO
320	(140)	ADDRESS	2	WSPRSVD9	Reserved for IBM 0075 0075
322	(142)	BITSTRING	1	WSPIDENT	Type of WSP 0075
322	(142)	X'1'	0	WSPIBDCI	"1" IATBDCI - BDT communications0075
322	(142)	X'2'	0	WSPIDJOT	"2" IATDJOT - Dump Job 0075
322	(142)	X'3'	0	WSPIDMJA	"3" IATDMJA - PSO unallocation 0075
322	(142)	X'4'	0	WSPIIQOS	"4" IATIQOS - Outserv Inquiry 0075
322	(142)	X'5'	0	WSPIMOCP	"5" IATMOCP - Modify cancel 0075
322	(142)	X'6'	0	WSPIMOOS	"6" IATMOOS - Outserv Modify 0075
322	(142)	X'7'	0	WSPINTNR	"7" IATNTNR - NJERDR 0075
322	(142)	X'8'	0	WSPINTRS	"8" IATNTRS - NJE Reroute 0075

Table 135. Structure WSPSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
322	(142)	X'9'	0	WSPIOSB1	"9" IATOSBM - BDT cancel 0075
322	(142)	X'A'	0	WSPIOSB2	"10" IATOSBM - JSAM error 0075
322	(142)	X'B'	0	WSPIOSB3	"11" IATOSBM - BDT job hold 0075
322	(142)	X'C'	0	WSPIOSD1	"12" IATOSDR - Output Service 0075 (Primary FCT) 0075
322	(142)	X'D'	0	WSPIOSD2	"13" IATOSDR - Output Service 0075 (Secondary FCT) 0075
322	(142)	X'E'	0	WSPIOSF1	"14" IATOSFD - FSS writer 0075 (primary WSP) 0075
322	(142)	X'F'	0	WSPIOSF2	"15" IATOSFD - FSS writer 0075 (secondary WSP) 0075
322	(142)	X'10'	0	WSPIOSSD	"16" IATOSSD - SAPI 0075
322	(142)	X'11'	0	WSPIOSSO	"17" IATOSSO - SAPI JSAM error 0075
322	(142)	X'12'	0	WSPIOSW1	"18" IATOSWD - JES3 writer 0075 (primary WSP) 0075
322	(142)	X'13'	0	WSPIOSW2	"19" IATOSWD - JES3 writer 0075 (secondary WSP) 0075
322	(142)	X'14'	0	WSPIPURG	"20" IATPURG - Purge processing 0075
322	(142)	X'15'	0	WSPISIOP	"21" IATSIOP - Process SYSOUT 0075
322	(142)	X'16'	0	WSPIOSTC	"22" IATOSOR - TCP/IP job 07032SVA processing 07032SVA
322	(142)	X'17'	0	WSPIGR70	"23" IATGR70 - SJF driver
322	(142)	X'18'	0	WSPIOSR2	"24" IATOSOR2 - Output service 0075
323	(143)	BITSTRING	1	WSPVER	Version number
		1		WSPVER01	"X'01'" Version number 1
323	(143)	X'1'	0	WSPCVER	"WSPVER01" Current version
324	(144)	ADDRESS	4	WSPPSDRT	OSPCS100 return address 0075
328	(148)	ADDRESS	4	WSPSAVE4	PSOSCHED return address 0075
332	(14C)	SIGNED	4	WSPSDWAD	Address of SAPI DSP Work Area
336	(150)	SIGNED	4	WSPRSVD8(2)	Reserved for IBM
344	(158)	ADDRESS	4	WSPRQADR	Current RQ address
348	(15C)	SIGNED	4	WSPACONS	ADDR OF CALLING CONSOLE CNDB IN IATYWTR, WTRDCCDB
352	(160)	SIGNED	4	WSPRSVU1(2)	RESERVED FOR USER 0200
				End of version 0 PSO area.	
352	(160)	X'168'	0	WSPTEEND_V0	"*" End of version 0 PSO area
352	(160)	X'168'	0	WSPTESIZ_V0	"WSPTEEND_V0-WSPSTART" Size of version 0 PSO area
360	(168)	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.	
360	(168)	X'168'	0	WSPTEEND	"*" End of version 1 PSO area
360	(168)	X'168'	0	WSPTESIZ	"WSPTEEND-WSPSTART" Size of version 1 PSO area

Table 135. Structure WSPSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		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.			
360	(168)	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.			
360	(168)	SIGNED	4	WSPRSVS3(4)	RESERVED FOR SERVICE
376	(178)	BITSTRING	8	WSPWSTME	WRITER START TIME (TOD) -- 0630 (I.E., WHEN IATOSWC WAS 0630 ENTERED FOR THIS WRITER) 0630
384	(180)	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)			
404	(194)	BITSTRING	12	WSPOCHN	SAVE AREA FOR CHAIN FDB
416	(1A0)	SIGNED	4	WSPOCNT4	Save area for sequence num
420	(1A4)	CHARACTER	8	WSPTPID	Current APPC TPID, JSAB job id, or JSAB job name
428	(1AC)	BITSTRING	6	WSPOSSWB	SPOOL ADDR FOR CURR OUTPUT D015 DESCR IF XTNDD KEYWORDS D015
434	(1B2)	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.			
436	(1B4)	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
437	(1B5)	BITSTRING	3	WSPRSVD7	Reserved for IBM
440	(1B8)	SIGNED	4	WSPPAGE	TOTAL PAGES PENDING JOB
444	(1BC)	ADDRESS	4	WSPASUP	SUPUNITS ADDRESS
448	(1C0)	ADDRESS	4	WSPARQ	ADDRESS OF RESQUEUE ENTRY
452	(1C4)	BITSTRING	0	WSPFDBS(0)	Scheduled OSE FDB & seq num
452	(1C4)	BITSTRING	12	WSPFDB	WOSE FDB
464	(1D0)	SIGNED	4	WSPOSEB4	Scheduled OSE sequence num
468	(1D4)	ADDRESS	4	WSPOSE	ADDRESS OF MOSE
472	(1D8)	ADDRESS	4	WSPOSS	ADDRESS OF OSS ENTRY
476	(1DC)	SIGNED	4	WSPNJERC	BSC/NJE PENDING RECORD CNT 0126
480	(1E0)	SIGNED	4	WSPOUTBN	OUTBIN ID (in writer WSP)
480	(1E0)	ADDRESS	4	WSPHWWSP	Address of hot writer WSP (in OUTSERV WSP)
484	(1E4)	SIGNED	4	WSPRSVD2(2)	RESERVED FOR DEVELOPMENT 0146

Table 135. Structure WSPSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
492	(1EC)	BITSTRING	16	WSPSELD	SEL MASK OF DS SELECTED
508	(1FC)	BITSTRING	16	WSPSELT	TEMP SEL MASK
524	(20C)	BITSTRING	16	WSPSELM	MASTER SELECTION MASK
		DEFINITION OF WSPSELM VALUES			
524	(20C)	X'0'	0	WSPNULL	"00" IGNORE THIS ENTRY
524	(20C)	X'4'	0	WSPPRTY	"04" CHECK PRIORITY OF ENTRY
524	(20C)	X'8'	0	WSPDEST	"08" CHECK DESTINATION OF ENTRY
524	(20C)	X'C'	0	WSPTYPE	"12" CHECK DEST. TYPE OF ENTRY
524	(20C)	X'10'	0	WSPFORM	"16" CHECK FORMS SETUP OF ENTRY
524	(20C)	X'14'	0	WSPCARR	"20" CHECK FCB/CTAPE SETUP
524	(20C)	X'18'	0	WSPUCS	"24" CHECK TRAIN SETUP OF ENTRY
524	(20C)	X'1C'	0	WSPLINE	"28" CHECK LINE, PAGE, AND RECORD LIMITS OF PRINTER
524	(20C)	X'20'	0	WSPCLAS	"32" CHECK CLASS OF ENTRY
524	(20C)	X'24'	0	WSPFLASH	"36" CHECK FORMS FLASH SETUP
524	(20C)	X'28'	0	WSPCPMOD	"40" CHECK COPY MODIFICATION
524	(20C)	X'2C'	0	WSPSTACK	"44" CHECK STACKER SETUP
524	(20C)	X'30'	0	WSPPMODE	"48" CHECK PROCESS MODE OF PRINTER
524	(20C)	X'30'	0	WSPSELMX	"WSPPMODE" MAXIMUM VALUE FOR WSPSELM
540	(21C)	SIGNED	2	WSPSELC	LOGICAL LENGTH OF WSPSELM
542	(21E)	BITSTRING	1	WSPPTYSV	HIGHEST PRIORITY FOUND
543	(21F)	BITSTRING	1	WSPRSVFX	RESERVED FOR SERVICE
544	(220)	SIGNED	2	WSPOFST	OFFSET TO OSEENTRY
546	(222)	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)
547	(223)	BITSTRING	1	WSPFLG3	FLAG BYTE 3
		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

Table 135. Structure WSPSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		...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
548	(224)	BITSTRING	2	WSPFRSDD	FLAGS - RESERVED FOR DEV.
550	(226)	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
551	(227)	SIGNED	1	WSPCLSN	NUMBER OF CLASSES
552	(228)	CHARACTER	36	WSPCLSS	SYSOUT CLASSES TO SELECT
588	(24C)	SIGNED	4	WSPEND(0)	END OF PARM LIST
588	(24C)	BITSTRING	1	WSPSIZE(0)	L' TOTAL SIZE OF WSP

Table 136. Cross Reference for IATYWSP

Name	Offset	Hex Tag
WSPACONS	15C	0
WSPAECF	4	
WSPARQ	1C0	
WSPASUP	1BC	
WSPBCMPL	E6	8
WSPBDTRQ	22	40
WSPBHLDC	5D	10
WSPBHOLD	E5	40
WSPBLBDT	5D	40
WSPBLTCP	5D	80
WSPBOTH	1B4	10
WSPBUFNC	54	0
WSPBUFN4	C4	0
WSPCARR	20C	14
WSPCCNTL	58	40

Table 136. Cross Reference for IATYWSP (continued)

Name	Offset	Hex Tag
WSPCDE	F4	0
WSPCDEST	47	80
WSPCHAIN	0	
WSPCHNGE	B	4
WSPCKJBC	42	0
WSPCKJBI	BC	
WSPCKPRQ	B	1
WSPCKPT	B	80
WSPCLAS	20C	20
WSPCLNUP	47	10
WSPCLSN	227	0
WSPCLSRT	E8	18
WSPCLSS	228	40404040
WSPCMPL	B	40
WSPCPMOD	20C	28
WSPCRJOB	13C	
WSPCSBT	E6	40
WSPCTRL1	E5	10
WSPCTRL2	E5	8
WSPCVER	143	1
WSPDEL	A	10
WSPDEST	20C	8
WSPDFDST	46	20
WSPDFLNE	222	40
WSPDM206	223	80
WSPDSHLD	E6	20
WSPDSPTY	222	80
WSPDSRST	E6	10
WSPDSTSK	E7	20
WSPDUMPT	226	80
WSPEND	24C	
WSPENF58	46	4
WSPERCVL	E0	16
WSPERCVW	E0	CC
WSPEXTS	1B4	80
WSPFAILD	B	2
WSPFCBID	130	40404040
WSPFDB	1C4	0
WSPFDBS	1C4	
WSPFDBSV	24	
WSPFDBT	C	0
WSPFDBTB	C8	0
WSPFFDBV	59	0
WSPFIRRQ	A	10
WSPFLAG	A	0
WSPFLASH	20C	24

Table 136. Cross Reference for IATYWSP (continued)

Name	Offset	Hex Tag
WSPFLGS	1B4	0
WSPFLG1	B	0
WSPFLG10	226	0
WSPFLG11	5D	0
WSPFLG2	222	0
WSPFLG3	223	0
WSPFLG4	E5	0
WSPFLG5	E6	0
WSPFLG6	E7	0
WSPFLG7	47	0
WSPFLG8	22	0
WSPFLG9	46	0
WSPFL708	47	8
WSPFORM	20C	10
WSPFRSDD	224	0
WSPF1101	5D	1
WSPF1102	5D	2
WSPF1104	5D	4
WSPF1108	5D	8
WSPGET	A	2
WSPGETRL	222	8
WSPGJNAM	226	20
WSPGLOB1	E7	2
WSPGTMND	E7	80
WSPHWCNT	9	0
WSPHWLK	223	4
WSPHWWQP	22	2
WSPHWWSP	1E0	
WSPIBDCI	142	1
WSPID	B0	40404040
WSPIDENT	142	
WSPIDJOT	142	2
WSPIDMJA	142	3
WSPIGR70	142	17
WSPIIQOS	142	4
WSPIMOCP	142	5
WSPIMOOS	142	6
WSPINTCP	5D	20
WSPINTNR	142	7
WSPINTRS	142	8
WSPIOSB1	142	9
WSPIOSB2	142	A
WSPIOSB3	142	B
WSPIOSD1	142	C
WSPIOSD2	142	D
WSPIOSF1	142	E

Table 136. Cross Reference for IATYWSP (continued)

Name	Offset	Hex Tag
WSPIOSF2	142	F
WSPIOSR2	142	18
WSPIOSSD	142	10
WSPIOSSO	142	11
WSPIOSTC	142	16
WSPIOSW1	142	12
WSPIOSW2	142	13
WSPIP	1B4	20
WSPIPURG	142	14
WSPISIOP	142	15
WSPJBFND	22	4
WSPJDS	1C	0
WSPJOBCM	E8	C
WSPJOBID	2	2
WSPJOBRP	47	4
WSPLEN	1A	
WSPLINE	20C	1C
WSPLTOS	E5	4
WSPLTSNO	E6	2
WSPLTTCP	47	2
WSPLTTNO	47	1
WSPMASK	8	0
WSPMLREQ	E6	4
WSPNDOPT	46	8
WSPNJE	E7	4
WSPNJERC	1DC	
WSPNJERD	22	10
WSPNJERT	22	20
WSPNOSAF	E7	40
WSPNULL	20C	0
WSPOCHN	194	0
WSPOCNT4	1A0	0
WSPOFFST	56	0
WSPOFST	220	0
WSPOKRET	A	8
WSPOSA	F0	0
WSPOSE	1D4	
WSPOSEB4	1D0	0
WSPOSEID	DC	D6E2C540
WSPOSELK	A	80
WSPOSEOF	E0	0
WSPOSERD	E8	0
WSPOSERL	E8	4
WSPOSEWR	E8	8
WSPOSPC	23	0
WSPOSPND	223	2

Table 136. Cross Reference for IATYWSP (continued)

Name	Offset	Hex Tag
WSPOSS	1D8	
WSPOSSWB	1AC	0
WSPOSTJC	C	
WSPOSTJI	C0	
WSPOUTBN	1E0	0
WSPPAGE	1B8	0
WSPPBSKP	47	20
WSPPECF	E9	0
WSPPEND	B	8
WSPPENSA	F8	0
WSPPGREL	222	1
WSPPMODE	20C	30
WSPPOSTD	B	20
WSPPRTY	20C	4
WSPPSCPT	50	0
WSPPSDRT	144	
WSPPSOSC	E7	10
WSPPSOTM	134	0
WSPPTYPF	222	20
WSPPTYSV	21E	0
WSPPUT	A	4
WSPQCHG	46	40
WSPRCAWR	23	7
WSPRCCL	23	0
WSPRCDAC	23	4
WSPRCDAT	23	8
WSPRCDMP	23	FF
WSPRCERR	E5	80
WSPRCINV	23	6
WSPRCJOB	23	1
WSPRCOUT	23	5
WSPRCPSO	23	2
WSPRCRQ	23	3
WSPRECRD	0	0
WSPREL	A	8
WSPRESQ	EC	
WSPRQACC	22	80
WSPRQADR	158	
WSPRQCMP	A	1
WSPRQFDB	CC	0
WSPRQINV	E5	1
WSPRQPRM	22	8
WSPRQRQD	222	10
WSPRQWS	223	8
WSPRSTD	222	2
WSPRSTG	222	4

Table 136. Cross Reference for IATYWSP (continued)

Name	Offset	Hex Tag
WSPRSVDV	5E	
WSPRSVD2	1E4	
WSPRSVD7	1B5	0
WSPRSVD8	150	0
WSPRSVD9	140	
WSPRSVFX	21F	0
WSPRSVS3	168	0
WSPRSVS4	E2	0
WSPRSVS5	34	0
WSPRSVS6	18	0
WSPRSVU1	160	0
WSPRSVU2	180	0
WSPRSV01	44	
WSPRTNIN	E8	0
WSPRTN20	E8	14
WSPSADUM	E6	1
WSPSAFFL	B	1
WSPSAPEN	E6	80
WSPSAPRO	E5	20
WSPSAVE	4C	0
WSPSAVEA	108	0
WSPSAVE2	100	0
WSPSAVE3	104	0
WSPSAVE4	148	
WSPSCHED	A	1
WSPSDWAD	14C	0
WSPSECPT	48	0
WSPSELC	21C	10
WSPSELD	1EC	0
WSPSELM	20C	0
WSPSELMX	20C	30
WSPSELT	1FC	0
WSPSIZE	24C	
WSPSKJOB	E7	8
WSPSOTBN	1B4	40
WSPSRCHP	46	10
WSPSSCWA	30	
WSPSSREQ	A	40
WSPSTA	FC	0
WSPSTACK	20C	2C
WSPSTART	0	
WSPSTRTD	B	10
WSPSWBID	1B2	
WSPSWTR	223	10
WSPSYSRQ	A	20
WSPTEEND	168	168

Table 136. Cross Reference for IATYWSP (continued)

Name	Offset	Hex Tag
WSPTEEND_V0	160	168
WSPTEJBC	0	0
WSPTEJBI	B8	
WSPTESIZ	168	168
WSPTESIZ_V0	160	168
WSPTESSO	168	
WSPTESSO_V0	168	
WSPTEUID	2	
WSPTOKEN	60	
WSPTPID	1A4	40404040
WSPTSO	B	8
WSPTYPE	20C	C
WSPUCS	20C	18
WSPUCSID	12C	40404040
WSPUNSCH	47	40
WSPURSTA	E5	2
WSPUSRID	E7	1
WSPVER	143	
WSPVER01	143	1
WSPWOSP	223	20
WSPWOSW	223	40
WSPWSTME	178	0
WSPWTRSC	E8	10
WSPWTSCH	223	1
WSPXJMR	46	80
WSPYOSPC	B4	
WSP10R01	226	1
WSP10R02	226	2
WSP10R04	226	4
WSP10R08	226	8
WSP10R10	226	10
WSP206IS	226	40
WSP4BOSD	46	1
WSP4BOSE	46	2
WSP8RSV3	22	1

IATYWSTB information

IATYWSTB heading information

Common name:	Workload Manager Sampling Transport Buffer
Macro ID:	IATYWSTB
DSECT name:	WSTB_CNSTART WSTB_RCFSTART WSTB_RCVSTART WSTB_SCSTART
Owning component:	JES3 (SC1BA)

Eye-catcher ID:		WSTBCNTL (WSTB_CNSTART)			
		WSTBRPTC (WSTB_RCSTART)			
		WSTBSRVC (WSTB_SCSTART)			
		Offset: 0			
		Length: 8			
Storage attributes:		Main Storage: Any			
		Subpool: 0			
		Key: 0			
Size:		Variable size			
Created by:		IATWLGSM			
Pointed to by:		WLM_WSTBADDR in IATYWLM			
Serialization:		None			
Function:		This macro maps the sampling data that is sent from the WLM subtask in the global to the WLM subtasks on the local processors. The following information appears in the sampling transport buffer: (1) Control information - For example, the current service definition id used to create the sampling information. (2) Report class information - Sampling information is sent for each report class that has non-zero sampling values. (3) Service class information - For each service class that is registered on the global, the following information is sent: -- Service class name and index -- Sampling counts			

IATYWSTB mapping

Table 137. Structure WSTB_CNSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	WSTB_CNSTART	, Control Information
0	(0)	CHARACTER	8	WSTB_CNID	Control block id
8	(8)	SIGNED	2	WSTB_CNTOTLN	Length of this entry
10	(A)	BITSTRING	32	WSTB_CNSRVDEF	Service definition id
Definition of WSTB_CNFLG1.					
42	(2A)	BITSTRING	1	WSTB_CNFLAG1	Flag one
		1...		WSTB_CNDEFPOL	"X'80'" The service definition id represents the default WLM policy
43	(2B)	BITSTRING	17	WSTB_CNRSVD1	Reserved for IBM
60	(3C)	SIGNED	4	WSTB_CNEND(0)	End of control information
60	(3C)	X'3C'	0	WSTB_CNSIZE	"WSTB_CNEND-WSTB_CNSTART" Size of control information

Table 138. Structure WSTB_RCFSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	WSTB_RCFSTART	, Report Class Fixed Info
0	(0)	CHARACTER	8	WSTB_RCID	Control block id
8	(8)	SIGNED	2	WSTB_RCFIXLN	Length of fixed entry
10	(A)	SIGNED	2	WSTB_RCVARLN	Length of variable entry
12	(C)	SIGNED	2	WSTB_RCCOUNT	Number of report class variable entries
14	(E)	SIGNED	2	WSTB_RCFRSVD1	Reserved for IBM
16	(10)	SIGNED	4	WSTB_RCFEND(0)	End of information

Table 138. Structure WSTB_RCFSTART (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
16	(10) X'10'		0	WSTB_RCFSIZE	"WSTB_RCFEND-WSTB_RCFSTART" Size of information

Table 139. Structure WSTB_RCVSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	WSTB_RCVSTART	, Report Class Fixed Info
0	(0)	SIGNED	4	WSTB_RCINDEX	Report class index
4	(4)	SIGNED	4	WSTB_RCPLELIG	Number of jobs that are eligible to execute somewhere in the SYSPLEX
8	(8)	SIGNED	4	WSTB_RCPLINEL	Number of jobs that are not eligible to execute anywhere in the SYSPLEX because of operator hold, resource delay etc.
12	(C)	SIGNED	4	WSTB_RCPLLIMT	Number of jobs that are not eligible to execute anywhere in the SYSPLEX because a limit has been reached
16	(10)	SIGNED	4	WSTB_RCVEND(0)	End of information
16	(10) X'10'		0	WSTB_RCVSIZE	"WSTB_RCVEND-WSTB_RCVSTART" Size of information

Table 140. Structure WSTB_SCSTART

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	WSTB_SCSTART	, Service Class Information
0	(0)	CHARACTER	8	WSTB_SCID	Control block id
8	(8)	SIGNED	2	WSTB_SCTOTLN	Length of this entry
10	(A)	BITSTRING	1	WSTB_SCRSVD1	Reserved for IBM
11	(B)	BITSTRING	1	WSTB_SCVER	WLMBAL version number
11	(B) X'1'		0	WSTB_CURVER	"WSTB_V001" Current version indicator
11	(B) X'1'		0	WSTB_V001	"1" WLMBAL version
12	(C)	CHARACTER	8	WSTB_SCNAME	Service class name
20	(14)	SIGNED	4	WSTB_SCINDEX	Service class index
24	(18)	SIGNED	4	WSTB_SCBRIPMM	IWMBRIP main mask
28	(1C)	SIGNED	4	WSTB_SCPLELIG	Number of jobs that are eligible to execute somewhere in the SYSPLEX
32	(20)	SIGNED	4	WSTB_SCPLINEL	Number of jobs that are not eligible to execute anywhere in the SYSPLEX because of operator hold, resource delay etc.
36	(24)	SIGNED	4	WSTB_SCPLLIMT	Number of jobs that are not eligible to execute anywhere in the SYSPLEX because a limit has been reached
40	(28)	SIGNED	4	WSTB_SCSYELIG	Number of jobs that are eligible to execute on this system
44	(2C)	SIGNED	4	WSTB_SCSYINEL	Number of jobs that are not eligible to execute on this system
48	(30)	SIGNED	4	WSTB_SCSYCONS	Number of jobs that are eligible to execute only on this system
52	(34)	SIGNED	4	WSTB_SCRSVD2(6)	Reserved for IBM
76	(4C)	SIGNED	4	WSTB_SCEND(0)	End of information
76	(4C) X'4C'		0	WSTB_SCSIZE	"WSTB_SCEND-WSTB_SCSTART" Size of information

Table 141. Cross Reference for IATYWSTB

Name	Offset	Hex Tag
WSTB_CNDEFPOL	2A	80
WSTB_CNEND	3C	
WSTB_CNFLAG1	2A	0
WSTB_CNID	0	E6E2E3C2
WSTB_CNRSVD1	2B	0
WSTB_CNSIZE	3C	3C
WSTB_CNSRVDEF	A	0
WSTB_CNSTART	0	
WSTB_CNTOTLN	8	0
WSTB_CURVER	B	1
WSTB_RCCOUNT	C	0
WSTB_RCFEND	10	
WSTB_RCFIXLN	8	0
WSTB_RCFRSVD1	E	0
WSTB_RCFSIZE	10	10
WSTB_RCFSTART	0	
WSTB_RCID	0	E6E2E3C2
WSTB_RCINDEX	0	0
WSTB_RCPLELIG	4	0
WSTB_RCPLINEL	8	0
WSTB_RCPLLIMT	C	0
WSTB_RCVARLN	A	0
WSTB_RCVEND	10	
WSTB_RCVSIZE	10	10
WSTB_RCVSTART	0	
WSTB_SCBRIPMM	18	0
WSTB_SCEND	4C	
WSTB_SCID	0	E6E2E3C2
WSTB_SCINDEX	14	0
WSTB_SCNAME	C	40404040
WSTB_SCPLELIG	1C	0
WSTB_SCPLINEL	20	0
WSTB_SCPLLIMT	24	0
WSTB_SCRSVD1	A	0
WSTB_SCRSVD2	34	0
WSTB_SCSIZE	4C	4C
WSTB_SCSTART	0	
WSTB_SCSYCONS	30	0
WSTB_SCSYELIG	28	0
WSTB_SCSYINEL	2C	0
WSTB_SCTOTLN	8	0
WSTB_SCVER	B	
WSTB_V001	B	1

IATYWTRX information

IATYWTRX heading information

Common name:	WRITER WORK/CONTROL AREA EXTENSION
Macro ID:	IATYWTRX
DSECT name:	WTRX
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Main Storage: Below 16M Auxiliary Storage: N/A
Size:	
Created by:	N/A
Pointed to by:	WTROWTRX in the Writer control section (IATYWTR) and WTROODPX in the AGETMAINED IOSB/SRB work area of IATYWTR.
Serialization:	
Function:	PROVIDES SUPPLEMENT OUTPUT SERVICE DATA AREAS REQUIRED BY OUTPUT SERVICE WRITERS FOR THOSE AREAS WHOSE RESIDENCE IS REQUIRED TO BE BELOW THE 16MEG LINE. DEPENDENCIES = IATYWTR HAS TO BE EXPANDED FIRST. IATYFDB MUST BE AVAILABLE IN THE SAME ASSEMBLY. THE ENTIRE LENGTH OF THIS C/B MUST NOT EXCEED 4095 BYTES DUE TO PAGE FIX CONSIDERATIONS. RESTRICTION = DO NOT USE TYPE=CSECT UNLESS AMODE AND RMODE STATEMENTS ARE ADDED AT THE BEGINNING OF THE MODULE. NOTES = MODULE IATODPX, MAPPED BY IATYWTRX, IS ALOADED AND ADELETED IN IATOSWD. WHEN THIS MODULE IS ACTIVELY INVOLVED IN I/O, PGFIX AND PGFREE SVCS ARE PERFORMED FOR IATODPX IN IATOSPR'S OPEN AND CLOSE ROUTINES. OTHER FIELDS ARE DEFINED IN IATYWTRX FOR I/O PER-FORMED IN A VARIETY OF OUTPUT SERVICE MODULES. BOTH CHANNEL OP CODES AND BUFFER AREAS ARE DESIGNATED WITHIN IATYWTRX. USING ON SYMBOL 'WTRXDSEC' PROVIDES ADDRESABILITY TO ALL SYMBOLS.

IATYWTRX mapping

Table 142. Structure IATODPX

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

THE FOLLOWING SYMBOL 'WTRXDSEC' IS THE BEGINNING OF THE CONTROL BLOCK 'IATODPX'. USING ON THIS SYMBOL WILL ESTAB-LISH ADDRESSABILITY TO ALL SYMBOLS. THE LABEL 'WTRXDSEC' SHOULD BE KEPT AT DISPLACEMENT 00.

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	SIGNED	2	WTRXDSEC(0)	BEGINNING OF IATYWTRX

```
    IATYMOD BR=NO DUMP EYECATCHER
            JES3 MODULE ENTRY POINT IDENTIFIER
01 Change Activity:
   $SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0
```

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	CHARACTER	8		MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU

Table 142. Structure IATODPX (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
		OUTPUT CCWS			
40	(28)	DBL WORD	8	WTROEOT(0)	
40	(28)	X'2A'	0	WTRODISI	"*+2,2" HALFWORD CONTAINING DISP TO 3800 INFO IN A CCW AREA
40	(28)		8		EOT CCW FOR 3800
40	(28)	X'8'	0	WTROEOTN	"*-WTROEOT"
48	(30)	DBL WORD	8	WTRODSKP	SKIP TO ONE CCW
56	(38)	DBL WORD	8	WTRODTIC	TIC TO INTERRUPT CCW
64	(40)		8	WTROEJCT	EJECT CCW
72	(48)		8	WTROTIC	TIC CCW
		THE FOLLOWING FIELDS MUST REMAIN IN ORDER BECAUSE THE STARTIO CHANNEL PROGRAM BUILT IN IATOSPR HAS FIELDS IN THE SAME ORDER, MAPPED BY MAPPING MACRO IATYOSCP. (THE FIELD NAMES IN PARENTHESIS ARE THE EQUIVALENT MAPPING NAMES IN IATYOSCP FOR THESE AREAS IN COMMON.)			
80	(50)	ADDRESS	1	WTROCTRL	MASK BIT FOR AREA (SEGID)
81	(51)	ADDRESS	1		(SEGNOPCD)
82	(52)	BITSTRING	2		RSRVD FOR DVLOPMNT (SEGRSVD2)
84	(54)	ADDRESS	4	WTRONEXT	ADDRESS OF NEXT AREA (SEGNEXT)
88	(58)	ADDRESS	4	WTROCTRN	ADDRESS OF NOP (SEGNOPAD)
		THE FOLLOWING FIELD ALIGNS THE CCW AREA ON A DWBLEWRD BNDRY.			
92	(5C)	SIGNED	4		RESERVED FOR DEVELOPMENT
96	(60)	DBL WORD	8	WTROCCWA(30)	CCW CONSTRUCTION AREA
96	(60)	BITSTRING	4	WTROBLDL	HEADER FOR BLDL MACRO
100	(64)	CHARACTER	8	WTROFCBN	NAME OF FCB FOR MAPPING
108	(6C)	BITSTRING	52		REST OF AREA FOR BLDL
160	(A0)	ADDRESS	4	WTROFCBA	ADDR OF FIRST USABLE FCB CODE
164	(A4)	ADDRESS	4	WTROFCBC	ADDR OF CURRENT FCB CODE
168	(A8)	ADDRESS	4	WTROFCBE	ADDR OF LAST USABLE FCB CODE
172	(AC)	SIGNED	4	WTROFCBP	NUM OF PAGES SCANNED SO FAR
176	(B0)	BITSTRING	1	WTROFCBF	FLAGS DURING REPOSITIONING
		1...		WTROFCBD	"X'80'" DATA ON CURRENT SIMULATED LINE
180	(B4)	ADDRESS	4	WTROFCBS	SIZE OF FCB MODULE AREA
184	(B8)	ADDRESS	4	WTROFCBX	START OF FCB MODULE AREA
336	(150)	ADDRESS	4	WTROCCWE	END OF CCW AREA
		END OF AREA THAT MUST REMAIN IN ORDER.			
340	(154)	ADDRESS	4	WTROCCWC	ADDRESS OF CURRENT CCW

Table 142. Structure IATODPX (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		OUTPUT ECB/IOB THE FOLLOWING FIELD, WTRCSWSV, MUST IMMEDIATELY PRECEDE THE IOB BECAUSE OF JES3 DEPENDENCIES.			
344	(158)	DBL WORD	8	WTRCSWSV	SAVE AREA FOR CSW
344	(158)	BITSTRING	1	WTRAPFLG	EXCP APPENDAGE COMM FLAG BYTE
345	(159)	BITSTRING	7	WTRAPCSW	CSW SAVE AREA FOR EXCP APENDGE
		DEFINITION OF WTRAPFLG			
		1...		WTRATPST	"X'80'" AUX TASK POST REQUIRED
352	(160)	SIGNED	4	WTROIOB(0)	START OF WRITER IOB
352	(160)	SIGNED	2		USED BY IOS
354	(162)	BITSTRING	1	WTROSNS0	SENSE BYTE 0
		1...		WTROCREJ	"X'80'" COMMAND REJECT
		.1..		WTROINTR	"X'40'" INTERVENTION REQUIRED
		..1.		WTROBUSO	"X'20'" BUS OUT CHECK
		...1		WTROEQCK	"X'10'" EQUIPMENT CHECK
		.... 1...		WTRODTCK	"X'08'" DATA CHECK
		.... .1..		WTROBUFP	"X'04'" BUFFER PARITY
		.... .1..		WTROOVRN	"X'04'" OVERRUN
		.... ..1.		WTROLDCK	"X'02'" LOAD CHECK
		.... ..1.		WTROUSEQ	"X'02'"
		1		WTROCH9	"X'01'" CHANNEL 9 SENSED
355	(163)	BITSTRING	1	WTROSNS1	SENSE BYTE 1
		1...		WTROS1B0	"X'80'" SENSE BYTE 1, BIT 0
		.1..		WTROS1B1	"X'40'" SENSE BYTE 1, BIT 1
		..1.		WTROS1B2	"X'20'" SENSE BYTE 1, BIT 2
		...1		WTROS1B3	"X'10'" SENSE BYTE 1, BIT 3
		.... 1...		WTROS1B4	"X'08'" SENSE BYTE 1, BIT 4
		.... .1..		WTROS1B5	"X'04'" SENSE BYTE 1, BIT 5
		.... ..1.		WTROS1B6	"X'02'" SENSE BYTE 1, BIT 6
		1		WTROS1B7	"X'01'" SENSE BYTE 1, BIT 7
356	(164)	ADDRESS	4		POINTER TO ECB
360	(168)	SIGNED	4	WTROCSWA	FIRST HALF OF CSW
364	(16C)	BITSTRING	1	WTROCSB1	CSW STATUS BYTE 1
365	(16D)	BITSTRING	1	WTROCSB2	CSW STATUS BYTE 2
366	(16E)	SIGNED	2	WTROCSBC	RESIDUAL BYTE COUNT
368	(170)	ADDRESS	4	WTROCCWP	ADDR OF CHANNEL PROGRAM (MAY HAVE CSW INFO IN HI BYTE)
372	(174)	ADDRESS	4	WTRODCBP	POINTER TO DCB AFTER OPEN
376	(178)	SIGNED	4	(2)	USED BY CONTROL PROGRAM
384	(180)	SIGNED	4	WTROECB	WRITER ECB
388	(184)	ADDRESS	4	WTROXLAT	ADDRESS OF TRANSLATE TABLE
		THE FOLLOWING AREAS ARE THE PARAMETER LISTS USED WHEN ISSUING THE PURGE SVC.			
392	(188)	BITSTRING	1	WTRXPPL	PURGE PARAMETER LIST FOR OSPR

Table 142. Structure IATODPX (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
392	(188)	X'20'	0	WTRXPPLN	"*-WTRXPPL" LENGTH OF PURGE PARAMETER LIST
424	(1A8)	BITSTRING	1	WTRXPPL2	PURGE PARAMETER LIST FOR OSMP
424	(1A8)	X'20'	0	WTRXPP2L	"*-WTRXPPL2" LENGTH OF OSMP'S PARM LIST

THE FOLLOWING AREAS ARE MISCELLANEOUS FIELDS THAT ARE
ADDRESSED AS OFFSETS FROM THE KNOWN ADDRESS OF FIELD
WTROIOB, PRIMARILY DONE IN MODULE IATOSDI. OTHER MODULES
HAVE DIRECT ADDRESSABILITY VIA IATYWTR'S WTROWTRX FIELD.

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
456	(1C8)	SIGNED	4	WTRXIOSB	ADDRESS OF IOSB
460	(1CC)	ADDRESS	4	WTRXAREA	ADDRESS OF CCW AREA BUILDING

THE FOLLOWING DATA AREAS DEFINED IN IATYWTRX ARE FOR DATA
  THAT ARE THE OBJECTS OF AN IATXOSP DATA= MACRO. THE DATA
  WRITTEN TO THE DEVICE MUST RESIDE BELOW THE LINE.
THE FOLLOWING AREAS ARE FOR I/O PERFORMED IN IATOSPS AND
  IATOSPR.

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
464	(1D0)	SIGNED	4	WTRXEOC	EXECUTE ORDER BUILD AREA
468	(1D4)	BITSTRING	1	WTRXCMSE	3800 SENSE OP CODE
469	(1D5)	BITSTRING	1	WTRXCLRP	3800 CLEAR PRINTER OP CODE
470	(1D6)	BITSTRING	1	WTRXEJCT	PRINTER SKIP CHAN 1 OP CODE
471	(1D7)	CHARACTER	120	WTRXBUFR	I/ O BUFFER FOR OSPS MESSAGES

THE FOLLOWING AREAS ARE FOR I/O PERFORMED IN IATOSWP.

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
591	(24F)	BITSTRING	8	WTRXOSPD	3800 COMMAND DATA AREA

THE FOLLOWING AREAS ARE FOR I/O PERFORMED IN IATOSMP.

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
599	(257)	BITSTRING	3	WTRXPPB	PURGE PAGE BUFFER DATA REC

THE FOLLOWING AREAS ARE FOR I/O PERFORMED IN IATOSPN.

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
602	(25A)	BITSTRING	1	WTRXFEED	PUNCH FEED OP CODE

                                                         0301
THE FOLLOWING STRUCTURE IS THE MESSAGE FEEDBACK AREA FOR 0301
THE SETPRT SERVICE ROUTINE CALLED FROM IATOSPS. ALL 0301
ADDRESS FIELDS MUST HAVE 24 BIT ADDRESSABLE VALUES. 0301
                                                          0301

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
603	(25B)	CHARACTER	110	WTRXMSGO	OUTPUT MESSAGE AREA
604	(25C)	SIGNED	2	WTRXFBLN	LENGTH OF FEEDBACK AREA 0301
606	(25E)	SIGNED	2		RESERVED, MUST BE 0 0301
608	(260)	SIGNED	2		RESERVED FOR SETPRT 0301
610	(262)	SIGNED	2	WTRXFBML	LENGTH OF SETPRT TEXT + 4 0301
612	(264)	SIGNED	2		RESERVED FOR SETPRT 0301
614	(266)	CHARACTER	100	WTRXFBMT	MESSAGE TEXT BUILT BY SETPRT
614	(266)	X'6E'	0	WTRXFBL	"*-WTRXFBLN" LENGTH OF FEEDBACK AREA 0301

-- 0301
  END OF MESSAGE FEEDBACK AREA FOR IATOSPS/SETPRT USE 0301
-- 0301

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
716	(2CC)	SIGNED	4	WTRXRSD1(10)	RESERVED FOR DEVELOPMENT
756	(2F4)	SIGNED	4	WTRXRSS1(10)	RESERVED FOR SERVICE

Table 142. Structure IATODPX (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
796	(31C)	SIGNED	4	WTRXRSU1(10)	RESERVED FOR USER
796	(31C)	X'344'	0	WTRXLEN	"*-WTRXDSEC" LENGTH OF IATYWTRX

Table 143. Cross Reference for IATYWTRX

Name	Offset	Hex Tag
IATODPX	0	
WTRAPCSW	159	
WTRAPFLG	158	
WTRATPST	159	80
WTRCSWSV	158	0
WTROBLDL	60	
WTROBUFP	162	4
WTROBUSO	162	20
WTROCCWA	60	0
WTROCCWC	154	
WTROCCWE	150	
WTROCCWP	170	
WTROCH9	162	1
WTROCREJ	162	80
WTROCSBC	16E	0
WTROCSB1	16C	0
WTROCSB2	16D	0
WTROCSWA	168	0
WTROCTRL	50	
WTROCTRN	58	
WTRODCBP	174	
WTRODISI	28	2A
WTRODSKP	30	
WTRODTCK	162	8
WTRODTIC	38	
WTROECB	180	0
WTROEJCT	40	
WTROEOT	28	
WTROEOTN	28	8
WTROEQCK	162	10
WTROFCBA	A0	
WTROFCBC	A4	
WTROFCBD	B0	80
WTROFCBE	A8	
WTROFCBF	B0	
WTROFCBN	64	
WTROFCBP	AC	
WTROFCBS	B4	
WTROFCBX	B8	
WTROINTR	162	40

Table 143. Cross Reference for IATYWTRX (continued)

Name	Offset	Hex Tag
WTROIOB	160	
WTROLDCK	162	2
WTRONEXT	54	
WTROOVRN	162	4
WTROSNS0	162	0
WTROSNS1	163	0
WTROS1B0	163	80
WTROS1B1	163	40
WTROS1B2	163	20
WTROS1B3	163	10
WTROS1B4	163	8
WTROS1B5	163	4
WTROS1B6	163	2
WTROS1B7	163	1
WTROTIC	48	
WTROUSEQ	162	2
WTROXLAT	184	
WTRXAREA	1CC	
WTRXBUFR	1D7	40404040
WTRXCLRP	1D5	87
WTRXCMSE	1D4	4
WTRXDSEC	0	
WTRXEJCT	1D6	8B
WTRXEOC	1D0	0
WTRXFBL	266	6E
WTRXFBLN	25C	
WTRXFBML	262	
WTRXFBMT	266	
WTRXFEED	25A	41
WTRXIOSB	1C8	0
WTRXLEN	31C	344
WTRXMSG0	25B	40404040
WTRXOSPD	24F	0
WTRXPPB	257	33F200
WTRXPPL	188	
WTRXPPLN	188	20
WTRXPPL2	1A8	
WTRXPP2L	1A8	20
WTRXRSD1	2CC	
WTRXRSS1	2F4	
WTRXRSU1	31C	

IATYWTR1 information

IATYWTR1 programming interface information

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

- IATXOSCI
- IATXOSCO
- IATXOSG
- IATXOSOI
- IATXOSOO
- IATXOSP
- WTRDCLR
- WTRDCTAD
- WTRDDIAG
- WTRDDSER
- WTRDFAIL
- WTRDFDJN
- WTRDLGCR
- WTRDMDDS
- WTRDMDD2
- WTRDMSAV
- WTRDMSGR
- WTRDNAME
- WTRDPPSR
- WTRDQMSG
- WTRDRFOR
- WTRDRLJN
- WTRDSNAM
- WTRDSTUP
- WTRDWAIT
- WTRFCPER
- WTRFGDEP
- WTRFINEP
- WTRFPDQC
- WTRFPDQF
- WTRFPDQL
- WTRFPDQS
- WTRFRDEP
- WTRFSAFL
- WTRFSETE
- WTRFSV10
- WTRFTEEP
- WTRIFDBI
- WTRIFLG1

- WTRIPTK1
- WTRIPTK2
- WTRIRCDS
- WTRISLEN
- WTRMPEPT
- WTROCDEP
- WTROPPQF
- WTROPPQL
- WTROPPQN
- WTROWTRX
- WTRPRD14
- WTRPREG2
- WTRPRL14
- WTRPSAV1
- WTRPSAV2
- WTRPSAV3
- WTRPSAV4
- WTRPSM14
- WTRPSSCA
- WTRPSV14
- WTRPWT14
- WTRSNREC
- WTRSRECN
- WTRWPRSQ

IATYWTR1 heading information

Common name:	WRITER WORK/CONTROL AREA
Macro ID:	IATYWTR
DSECT name:	WTRDSECT, IOSB
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	IATODFD, IATODPN, IATODPR, IATODSI, IATODSN, or IATODWD Offset: 0 Length: 8 Note: The Eye-Catcher will be the name of the module that expands it as a CSECT.
Storage attributes:	Auxiliary Storage: N/A Subpool: 251
Size:	WTRDSECT - 0.2K IOSB - WTROODSZ
Created by:	N/A
Pointed to by:	R13 WHILE IN THE DRIVER OR SUPPORT MODULE WHICH IS REFERENCING IT ALSO: WTRDIARE --> INPUT AREA WTRDAREA --> OUTPUT AREA

		Serialization:	FIELDS WHICH HAVE SERIALIZED ACCESS

Serialization: FIELDS WHICH HAVE SERIALIZED ACCESS
WSPFDBS - BETWEEN THE WRITER AND
PPQ MANAGER (I.E. ONLY ONE
USER OF THE WOSE FDB)
WTRODIEF & WTROFLGS - THE ODIEF FLAG
IS USED BY THE DIE ROUTINE
(IATOSDI) TO POST (VIA CS)
THE SUPPORT ROUTINE (E.G.
IATOSPR) WHEN AN EVENT HAS
OCCURRED. THE OFLGS FIELD
IS EQUATED TO THE SAME
BYTE AS ODIEF.

Function: PROVIDE DATA CSECTS NEEDED BY OUTPUT
SERVICE DRIVERS AND SUPPORT ROUTINES
FOR OUTPUT WRITER PROCESSING

IATYWTR1 mapping

Table 144. Structure IATODWD

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATODWD	
0	(0)	SIGNED	4	WTRSTART(0)	DATA AREA START

```
        IATYMOD BR=NO
              JES3 MODULE ENTRY POINT IDENTIFIER
 01 Change Activity:
    $SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0
```

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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

```
        OUTPUT SERVICE WRITER DATA AREA
     THE SECURITY PARAMETER LIST FOR WRITERS IS ANCHORED
     IN WTRDSECA BELOW. IT IS AGETMAINED IN IATOSWC.
```

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
36	(24)	ADDRESS	4	WTRDSECA	SECURITY DATA PARM LIST FOR IATXSEC SECURITY MACRO
40	(28)	SIGNED	4	WTRSECPT	IATYSEC PTR FOR WTRPWSPA

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description

```
TRDCCDB IATYCNDB DSECT=NO CALLING CONSOLE INFORMATION
   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
44	(2C)	SIGNED	4	WTRDCCDB(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

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description

```
 TRDDCDB IATYCNDB DSECT=NO DEVICE RELATED CONSOLE
                           INFORMATION
   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
140	(8C)	SIGNED	4	WTRDDCDB(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 INFORMATION

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF WTRDCFLG			
234	(EA)	BITSTRING	1	WTRDCFLG	OUTPUT SERVICE WRITER FLAG
		1...		WTRDCRVS	"X'80'" Reserved for service
		THIS LINE DELETED BY APAR OW22430			
235	(EB)	BITSTRING	1	WTRRSVD0	RESERVED FOR DEVELOPMENT
236	(EC)	BITSTRING	1	WTRDMSGF	MESSAGE FLAGS
		DEFINITION OF WTRDMSGF			
		1...		WTRDMSGP	"X'80'" COMMAND PENDING IN WTRDMSGI
		.1..		WTRDINTV	"X'40'" INTERVENTION REQUIRED PEND.
		..1.		WTRDTMEX	"X'20'" TIMER HAS EXPIRED
		...1		WTRIRCUR	"X'10'" FAILSOFT RECURSION
		.... 1...		WTROCHOR	"X'08'" OUTPUT DEV IS CHAN-ORIENTED
		.... .1..		WTRJPDV	"X'04'" RJP DEVICE
		.... ..1.		WTRLNTRN	"X'02'" RJP LINE TURNAROUND
		1		WTRFSTAT	"X'01'" FSS CONTROLLER POST REQUEST
237	(ED)	BITSTRING	1	WTRDM731	IATOSSI DM731 footprint
238	(EE)	SIGNED	2	WTRRSVS0	RESERVED FOR SERVICE
240	(F0)	CHARACTER	8	WTRCIMPL	COMMAND IMPLEMENTATION MOD
248	(F8)	CHARACTER	10	WTRT7008	TEXT FOR IAT7008
258	(102)	BITSTRING	1	WTRDPFLG	PARAMETER FLAGS
		DEFINITION OF WTRDPFLG			
		1...		WTRDINVO	"X'80'" INVALID CONTROL CHARACTER.
		.1..		WTRDLMSG	"X'40'" LOAD MESSAGE REQUIRED
		..1.		WTRDLDCM	"X'20'" COPY MOD MUST BE LOADED
		...1		WTRDLDST	"X'10'" STACKER MUST BE CHANGED
		.... 1...		WTRDLFLS	"X'08'" FLASH MUST BE CHANGED
		.... .1..		WTRDLFRM	"X'04'" FORMS MUST BE LOADED
		.... ..1.		WTRDLUCS	"X'02'" UCS MUST BE LOADED
		1		WTRDLFCB	"X'01'" FCB/CTAPE MUST BE LOADED
258	(102)	X'80'	0	WTRDLMRC	"WTRDINVO" REF CHAR MUST BE LOADED
		FIELDS FOR SECURITY INFORMATION FOR WRITERS			
259	(103)	BITSTRING	1	WTRSCFLG	SECURITY FLAG BYTE
		1...		WTRSCGMN	"X'80'" AGETMAIN FOR YSEC PERFORMED
		.1..		WTRSAFOK	"X'40'" SAF AUTHORIZATION RECEIVED- 0546 DO NOT BYPASS IATOSNT 0546
		FULL DATA SET NAME AND SAF ENTITY NAME			
260	(104)	BITSTRING	1	WTRDDSNL	LENGTH OF WTRDDSNF
261	(105)	BITSTRING	44	WTRDDSNF	MAX DATASET NAME SIZE
305	(131)	BITSTRING	1	WTRENTNM	SAF ENTITY NAME

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		LOGSTR FOR IATXSEC CALLS			
358	(166)	BITSTRING	1	WTROLGSL	LENGTH OF WTROLGST
359	(167)	CHARACTER	24	WTROLGST	MAX LOGSTRING SIZE
384	(180)	ADDRESS	4	WTRPSSCA	PTR TO YPSSC CONTROL BLOCK 0357
388	(184)	SIGNED	4	WTRFENQ	AENQ COUNT FOR FSS WRITERS
392	(188)	SIGNED	4	WTRIDLES	Start of idle period
396	(18C)	BITSTRING	3	WTRRSVD8	RESERVED FOR DEVELOPMENT
399	(18F)	CHARACTER	80	WTRDOTOK	SECURITY TOKN OF OWNING JOB
479	(1DF)	CHARACTER	80	WTRDRTOK	DATA SET SECURITY TOKEN 0094
559	(22F)	BITSTRING	1	WTRRSVS2	Reserved for Service
WTRDMSG MESSAGE TEXT=WTRDMSGO,MF=L $T6=z1.13.0 HJS7780 110309 PD0TN: z 1.13.0					
560	(230)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
560	(230)	ADDRESS	4	WTRDMSG	Text Address
564	(234)	BITSTRING	2		Destination Disp and Mask
566	(236)	BITSTRING	1		ACTION flag
567	(237)	ADDRESS	1		Options Flag
568	(238)	BITSTRING	2		Descriptor Codes
570	(23A)	SIGNED	2		Reserved 2 Bytes
572	(23C)	BITSTRING	17		Routing Codes
589	(24D)	BITSTRING	1	(3)	Reserved
592	(250)	BITSTRING	1	(8)	Jobid
600	(258)	BITSTRING	1	(8)	Jobname
608	(260)	BITSTRING	1	(8)	Key
616	(268)	ADDRESS	4		CNDB Address 1
620	(26C)	ADDRESS	4		CNDB Address 2
624	(270)	ADDRESS	4		CNDB Address 3
628	(274)	ADDRESS	4		CNDB Address 4
632	(278)	ADDRESS	4		CNDB Address 5
636	(27C)	ADDRESS	4		MLWO Address
IATXCNDB MF=(L,WTRDXCDB) MACDATE -94/10/04-<3>					
0	(0)	X'280'	0	M00M0056	"WTRDXCDB" ++ IATXCNDB NAME
640	(280)	DBL WORD	8	WTRDXCDB(0)	++ IATXCNDB PARM LIST
640	(280)	BITSTRING	1	WTRDXCDB_XVERSION	++ INPUT XVERSION
641	(281)	CHARACTER	6	WTRDXCDB_XEYECATCH	++ CONSTANT
647	(287)	BITSTRING	2	WTRDXCDB_XFLAG1	++ FIELD_LABEL
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_INITIALIZE	
					"B'1000000000000000'" ++ XOPERATION.INITIALIZE KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_TRANSFER	
					"B'0100000000000000'" ++ XOPERATION.TRANSFER KEYWORD

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_UPDATE	"B'0010000000000000'" ++ XOPERATION.UPDATE KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_RESET	"B'0001000000000000'" ++ XOPERATION.RESET KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_VERIFY	"B'0000100000000000'" ++ XOPERATION.VERIFY KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_TRANSCONSID	
					"B'0000010000000000'" ++ XOPERATION.TRANSCONSID KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_TRANSROUT	
					"B'0000001000000000'" ++ XOPERATION.TRANSROUT KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_EXTRACTCONSID	
					"B'0000000100000000'" ++ XOPERATION.EXTRACTCONSID KEYWORD
		1...		WTRDXCDB_XOPERATION_EXTRACTCONSNAME	
					"B'0000000010000000'" ++ XOPERATION.EXTRACTCONSNAME KEYWOR
		.1..		WTRDXCDB_XOPERATION_EXTRACTCONSTYPE	
					"B'0000000001000000'" ++ XOPERATION.EXTRACTCONSTYPE KEYWOR
		..1.		WTRDXCDB_XOPERATION_EXTRACTROUT	
					"B'0000000000100000'" ++ XOPERATION.EXTRACTROUT KEYWORD
		...1		WTRDXCDB_XOPERATION_EXTRACTCART	
					"B'0000000000010000'" ++ XOPERATION.EXTRACTCART KEYWORD
649	(289)	BITSTRING	1	WTRDXCDB_XABEND	++ INPUT
		1...		WTRDXCDB_XABEND_YES	"B'10000000'" ++ XABEND.YES KEYWORD
		.1..		WTRDXCDB_XABEND_NO	"B'01000000'" ++ XABEND.NO KEYWORD
650	(28A)	BITSTRING	1	WTRDXCDB_XUSERADDR	++ FIELD_LABEL
651	(28B)	CHARACTER	1	WTRDXCDB_XRSV001	++ RESERVED
652	(28C)	ADDRESS	4	WTRDXCDB_XCNDB	++
656	(290)	ADDRESS	4	WTRDXCDB_XOUTCNDB	++
660	(294)	ADDRESS	4	WTRDXCDB_XINCNDB	++
664	(298)	ADDRESS	4	WTRDXCDB_XCONSNM	++
668	(29C)	ADDRESS	4	WTRDXCDB_XCONSID	++
672	(2A0)	ADDRESS	4	WTRDXCDB_XOUTCONSID	++
676	(2A4)	CHARACTER	2	WTRDXCDB_XRSV002	++ RESERVED
678	(2A6)	BITSTRING	1	WTRDXCDB_XFLAG2	++ FIELD_LABEL
		1...		WTRDXCDB_XCMDIND_YES	"B'10000000'" ++ XCMDIND.YES KEYWORD
		.1..		WTRDXCDB_XCMDIND_NO	"B'01000000'" ++ XCMDIND.NO KEYWORD
679	(2A7)	BITSTRING	1	WTRDXCDB_XKEYS	++ FIELD_LABEL
		1...		WTRDXCDB_KEYUSED_CMDIND	"B'10000000'" ++ KEYUSED.CMDIND KEYWORD
680	(2A8)	ADDRESS	4	WTRDXCDB_XROUT	++
684	(2AC)	ADDRESS	4	WTRDXCDB_XCART	++
688	(2B0)	ADDRESS	4	WTRDXCDB_XOUTCONSNAME	++
692	(2B4)	ADDRESS	4	WTRDXCDB_XOUTCONSTYPE	++
696	(2B8)	ADDRESS	4	WTRDXCDB_XOUTROUT	++

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
700	(2BC)	ADDRESS	4	WTRDXCDB_XOUTCART	++
700	(2BC)	X'40'	0	WTRDXCDBL	"*-WTRDXCDB" ++ LENGTH OF PLIST
				IATXCNDB-3	
704	(2C0)	SIGNED	2	WTRRSVS1	RESERVED FOR SERVICE
708	(2C4)	SIGNED	4	(0)	
708	(2C4)	BITSTRING	1	WTRDMSGI	
944	(3B0)	CHARACTER	120	WTRDMSGO	OUTPUT MESSAGE AREA
		THESE LINES DELETED BY PAR0301			
1064	(428)	CHARACTER	8	WTRDODDN	OUTPUT COMPONENT DDNAME
		THE FOLLOWING FOUR FIELDS MUST REMAIN TOGETHER			
1072	(430)	CHARACTER	8	WTRDTYPE(0)	OUTPUT TYPE - FROM SUPTYPE 0053
1072	(430)	CHARACTER	3	WTRDOTYP	OUTPUT COMPONENT GTYPE
1075	(433)	CHARACTER	4	WTRDOSTY	OUTPUT COMPONENT STYPE
1079	(437)	BITSTRING	1	WTRDOMOD	OUTPUT COMPONENT MODEL
		END OF RELATION FOR FIELDS WTRDTYPE -> WTRDOMOD 0			
1080	(438)	CHARACTER	4	WTRDODEV	OUTPUT DEVICE NUMBER
1080	(438)	X'439'	0	WTRDODV3	"WTRDODEV+1,3" 3 DIGIT PORTION OF DEVICE NUMBER WTRDODEV
		$SK = ENF58CK HJS7708 020916 ID1RS: z 1.5.0 IATXOSEN MF=L			
1084	(43C)	SIGNED	4	WTRXOSEN(0)	List form
1084	(43C)	ADDRESS	4		CTOKEN address
1088	(440)	ADDRESS	4		New client token address
1092	(444)	ADDRESS	4		Address of system hold reason
1096	(448)	ADDRESS	4		Address of reason text
1100	(44C)	ADDRESS	4		Address of checkpoint data
		When ENF58 signal is issued for non-FSS writers, the following fields will have the checkpointed copy, record and page counts. The following three fields must always be together. The 12 byte area will be passed in the CHK= parameter on the IATXOSEN macro while issuing the checkpoint ENF58 signal.			
1104	(450)	BITSTRING	12	WTROCHK(0)	
1104	(450)	SIGNED	4	WTROCOPY	Copy count
1108	(454)	SIGNED	4	WTROREC	Record count
1112	(458)	SIGNED	4	WTROPAGE	Page count (not used for line mode printers)
1116	(45C)	BITSTRING	1	WTRDFLGO	OUTPUT COMPONENT FLAG BYTE
		DEFINITION OF WTRDFLGO			
		1...		WTRORJCT	"X'80'" ONLY ALLOW ONE OPER COMMAND
		.1..		WTROCLOS	"X'40'" PERFORM JESCLOSE ONLY $$$$

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		WTROREAL	"X'20'" LABEL=REAL ON IATXOSOO LABEL=FINAL ON IATXOSCO
		..1.		WTROTRUN	"X'20'" TRUNC=YES ON IATXOSP
		...1		WTROLBL	"X'10'" SETUP CALL
		.... 1...		WTROVOL	"X'08'" GENERATE VOL LABEL
1116	(45C)	X'8'	0	WTROCONS	"WTROVOL" SUSPEND FOR CONSOLE OUT
		.... .1..		WTRODS	"X'04'" GENERATE DS LABEL
		.... ..1.		WTROREG	"X'02'" PARMS ARE IN REG
		1		WTRONNP	"X'01'" NEWPAGE=NO ON IATXOSOO
		1		WTROLIST	"X'01'" PARMS ARE IN LIST (IATXOSP)
1117	(45D)	BITSTRING	3	WTRRSVD9	RESERVED FOR DEVELOPMENT
1120	(460)	BITSTRING	6	WTRSWBF	M.R FOR SWB IN STG- WTRSWBP
1128	(468)	SIGNED	4	WTRSWBP	ADDRESS OF SWB POINTER LIST D015 FOR SMF6 MAPPED BY IEFSJTRP D015
1132	(46C)	SIGNED	2	WTRSWBN	NUMBER OF SWB POINTERS IN D015 WTRSWBP LIST D015
1134	(46E)	SIGNED	2	WTRSWBSZ	TOTAL SIZE OF SWBTU POINTED D015 TO BY WTRSWBP LIST D015
1136	(470)	CHARACTER	8	WTRTIME	PRINTER START TIME IN EBCDIC
1144	(478)	SIGNED	4	WTRDATE	PRINTER START DATE IN JULIAN
1148	(47C)	CHARACTER	8	WTRTUSID	TSO USERID
1156	(484)	ADDRESS	4	WTRDSUPO	OUTPUT SUPUNITS ADDRESS
1160	(488)	CHARACTER	8	WTRDIDDN	INPUT COMPONENT DDNAME
1168	(490)	CHARACTER	3	WTRDITYP	INPUT COMPONENT GTYPE
1171	(493)	CHARACTER	4	WTRDISTY	INPUT COMPONENT STYPE
1175	(497)	BITSTRING	1	WTRDIMOD	INPUT COMPONENT MODEL
1176	(498)	CHARACTER	3	WTRDIDEV	INPUT DEVICE ADDRESS
1179	(49B)	BITSTRING	1	WTRDFLGI	INPUT COMPONENT FLAG BYTE

DEFINITION OF WTRDFLGI

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		WTRSTACC	"X'80'" IATXOSG CALLER ACCEPTS STREAM MODE/SPANNED RECORDS TWO BUFFERS
		.1..		WTRENFDS	"X'40'" Issue ENF signal for non-FSS writer data set selection
		..1.		WTRWOSER	"X'20'" Need to release WOSE
1186	(4A2)	SIGNED	2	WTRRSVD1	RESERVED FOR DEVELOPMENT
1188	(4A4)	ADDRESS	4	WTRDFAIL	DUMP/RETURN ROUTINE ADDRESS
1192	(4A8)	ADDRESS	4	WTRDSUPI	INPUT SUPUNITS ADDRESS
1196	(4AC)	SIGNED	4	WTRDRSV5	RESERVED FOR SERVICE
1200	(4B0)	ADDRESS	4	WTRDINTS	INTERVENTION REQ. SUPUNITS
1204	(4B4)	SIGNED	4	WTRDRCDS	OUTPUT RECORD COUNT
1208	(4B8)	SIGNED	4	WTRCRDS	OUTPUT RECD CONT FOR INQUIRY
1212	(4BC)	SIGNED	4	WTRDPGCT	OUTPUT PAGE COUNT
1216	(4C0)	ADDRESS	4	IATXOSOO	OUTPUT COMPONENT OPEN ADDR.
1220	(4C4)	ADDRESS	4	IATXOSP	OUTPUT COMPONENT PUT ADDR.
1224	(4C8)	ADDRESS	4	IATXOSCO	OUTPUT COMPONENT CLOSE ADDR.
1228	(4CC)	ADDRESS	4	WTRDCLR	OUTPUT BUFFER-CLEARING RTN.
1228	(4CC)	X'4CC'	0	WTRFCPER	"WTRDCLR" FSS WTR CHKPOINT ERROR RTN.

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1232	(4D0)	ADDRESS	4	IATXOSOI	INPUT COMPONENT OPEN ADDR.
1236	(4D4)	ADDRESS	4	IATXOSG	INPUT COMPONENT GET ADDR.
1240	(4D8)	ADDRESS	4	IATXOSCI	INPUT COMPONENT CLOSE ADDR.
1244	(4DC)	ADDRESS	4	WTRDCDEP	OUTPUT COMPONENT CDE
1248	(4E0)	ADDRESS	4	WTRDAREA	OUTPUT COMPONENT AREA
1252	(4E4)	CHARACTER	8	WTRDONAM	OUTPUT COMPONENT MODULE NAM
1244	(4DC)	ADDRESS	4	WTRFRSV1	RESERVED FOR FSS DEVELOPMNT
1248	(4E0)	ADDRESS	4	WTRFSETE	IATOSFD MSG RTN FOR DEVICE FAILURE WITH ETE BIT SET ADDRESS (LABEL: OFDFE000)
1252	(4E4)	ADDRESS	4	WTRFINEP	FSS WTR INIT ENTRY POINT
1260	(4EC)	ADDRESS	4	WTRDICDE	INPUT COMPONENT CDE ADDR.
1264	(4F0)	ADDRESS	4	WTRDIARE	INPUT COMPONENT AREA
1268	(4F4)	CHARACTER	8	WTRDINAM	INPUT COMPONENT NAME
1260	(4EC)	ADDRESS	4	WTRFGDEP	FSS WTR GETDS ENTRY POINT
1264	(4F0)	ADDRESS	4	WTRFRDEP	FSS WTR RELDS ENTRY POINT
1268	(4F4)	ADDRESS	4	WTRFTEEP	FSS WTR TERM ENTRY POINT
1276	(4FC)	ADDRESS	4	WTRMPEPT	IATOSMP MODULE ENTRY POINT
1280	(500)	ADDRESS	4	WTRDRFOR	IATOSMP FCB MAPPING ROUTINE ADDRESS (LABEL: OSMPRFOR)
1284	(504)	ADDRESS	4	WTRDQMSG	IATOSFD DEQUE ACTIVE MSG RTN#587 ADDRESS (LABEL: OFDDQMSG) #587
1288	(508)	ADDRESS	4	WTRDNAME	IATOSWC DDNAME RETRVAL RTN ADDRESS (LABEL: OSDPOINT)
1292	(50C)	ADDRESS	4	WTRDSTUP	IATOSWC SETUP CHECK ROUTINE ADDRESS (LABEL: OSWCSTUP)
1296	(510)	ADDRESS	4	WTRDWAIT	IATOSWC WAITING WORK MSG RTN ADDRESS (LABEL: OSWCWAIT)
1300	(514)	ADDRESS	4	WTRDMDDS	IATOSWC MAN/DIAG MODE MSG RTN ADDRESS (LABEL: OSWCMDDS)
1304	(518)	ADDRESS	4	WTRDMDD2	IATOSWC MAN/DIAG MODE MSG RTN 2 (LABEL: OSWCMDD2)
1308	(51C)	ADDRESS	4	WTRDDIAG	IATOSWC DIAGNOSTIC MSG ROUTN ADDRESS (LABEL: OSWCDIAG)
1312	(520)	ADDRESS	4	WTRDDSER	IATOSWC DIAGNOSTIC MSG ROUTN ADDRESS (LABEL: OSWCDSER)
1316	(524)	ADDRESS	4	WTRDSNAM	IATOSWC DSNAME CREATE RTN ADDRESS (LABEL: OSWCDSNM)
1320	(528)	ADDRESS	4	WTRDFDJN	FIND JESNEWS SUBROUTINE 2633
1324	(52C)	ADDRESS	4	WTRDRLJN	RELEASE JESNEWS SUBROUTINE 2633
1328	(530)	ADDRESS	4	WTRDPPSR	COMMAND PROCESSOR PPQ SYNCH ROUTINE ADDRESS (LABEL: OSMPSYNC)
1332	(534)	ADDRESS	4	WTRDMSGR	COMMAND PROCESSOR MESSAGE ROUTINE ADDRESS (LABEL: OSMPPMSG) 0084
1332	(534)	X'0'	0	WTRDMGNA	"0" NON-ACTION MESSAGE (R1 VALUE TO OSMPPMSG ABOVE 0084
1332	(534)	X'1'	0	WTRDMGAC	"1" ACTION MESSAGE (R1 VALUE TO OSMPPMSG ABOVE 0084
1336	(538)	ADDRESS	4	WTRDCTAD	COMMAND PROCESSOR PARAMETER TABLE ADDRESS (LABEL: OSMPTBL1)
1340	(53C)	ADDRESS	4	WTRFSAFL	IATOSFD FSA FAILURE MSG RTN ADDRESS (LABEL: OFDFS000)

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1344	(540)	ADDRESS	4	WTRDLGCR	LOGSTR CREATE ROUTINE ADDR 0391 (LABEL: OSWCLGCR) 0391
1348	(544)	ADDRESS	4	WTROWTRX	WRITER EXTENSION ADDRESS
1352	(548)	ADDRESS	4	WTROCDEP	JDE ADDRESS FOR IATODPX
1356	(54C)	SIGNED	4	WTRDFSID(0)	FUNCTIONAL SUBSYSTEM ID
1356	(54C)	SIGNED	2	WTRDFSS	FSS PORTION OF FSID
1358	(54E)	SIGNED	2	WTRDFSA	FSA PORTION OF FSID
1360	(550)	CHARACTER	8	WTRFSSNM	FSS NAME FOR THIS FSS
1368	(558)	CHARACTER	8	WTRFMID	FSS RELDS INCOMPLETE/DATA- SET UNPRINTABLE MSG TEXT

		FIRST BYTE OF WTRFMID = X'00' - NO MSG TEXT AVAIL NOT X'00' - FSA RELDS INCOM/UNPRT			

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1376	(560)	ADDRESS	4	WTRFSSAD	FSS TABLE ENTRY ADDRESS
1380	(564)	ADDRESS	4	WTRFSAAD	FSA TABLE ENTRY ADDRESS
1384	(568)	ADDRESS	4	WTRFMPAD	FSS PROCESSOR MPC ENTRY AD
1388	(56C)	SIGNED	4	WTRFSTAR	CURRENT FSS/FSA STAGING AREA
1392	(570)	SIGNED	4	WTRFSV10	SAVE AREA USED BY IATXPDQ ON INTERNAL CALLS
1396	(574)	BITSTRING	1	WTRFGDRN	HOLD REASON IF WTRFDSUP ON
1397	(575)	BITSTRING	1	WTRFRCFM	Data set record format (Bit definitions same as JFCRECFM in the JFCB)
1398	(576)	SIGNED	2	WTRFRECL	Maximum data set record length
1400	(578)	SIGNED	4	WTRRSVD6(2)	RESRVD FOR NON-FSS DEVLPMNT
1408	(580)	SIGNED	4	WTRXCPDS	NUMBER OF SKIPPED CPDS RECORDS FOR THIS DATA SET
1412	(584)	SIGNED	4	WTRXLMSD	NUMBER OF TRUNCATED LINE MODE SPANNED RECORDS FOR THIS DATA SET
1416	(588)	SIGNED	4	WTRFSYWM	DOMID FOR DATASET SYNCHRONIZATION
1420	(58C)	SIGNED	4	WTRFSWRK	FSS WORK AREA
1424	(590)	SIGNED	4	WTRFRSVD(2)	RESERVED FOR DEVELOPMENT
1432	(598)	SIGNED	4	WTRF3MSG	DOMID FOR MESSAGE IAT4730
1436	(59C)	SIGNED	4	WTRFRSVS(3)	RESERVED FOR SERVICE
1448	(5A8)	ADDRESS	4	WTRSPPAD	SET PRINT PARM ADDRESS
1452	(5AC)	SIGNED	4	WTRFRSVU(5)	RESERVED FOR USER

		BEGINNING OF AREA DUMPED IN MESSAGE IAT7060 AFTER WTRINDX BY SPECIFYING THE 'D' PARAMETER ON AN X, R, OR C COMMAND FOR WRITERS IN FSS MODE.			

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1472	(5C0)	BITSTRING	1	WTRFFLG1	FSS WTR FLAG

		DEFINITION OF WTRFFLG1			

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		WTRFMFSS	"X'80'" THIS IS A FSS WRITER
		.1..		WTRFFSS	"X'40'" THIS WTR SUPPORTS A FSS
		..1.		WTRFFSA	"X'20'" THIS WTR SUPPORTS A FSA
		...1		WTRFFSSA	"X'10'" FSS IS ACTIVE
		.... 1...		WTRFFSAA	"X'08'" FSA IS ACTIVE
		.... .1..		WTRFRESP	"X'04'" ORDER RESPONSE PENDING

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... ..1.		WTRFMPER	"X'02'" OSMP IN CMD ERROR PROCESSING
		1		WTRFNCKP	"X'01'" NEW CHECKPOINT BUFFER W/O SPOOL ADDRESS
1473	(5C1)	BITSTRING	1	WTRFFLG2	FSS WTR FLAG
		DEFINITION OF WTRFFLG2			
		1...		WTRFMPDL	"X'80'" ADELETE MODULE IATOSMP
		.1..		WTRFISET	"X'40'" SETUP TO COMPLTE PROCESSING (I.E. FSI INTRVENTION ORDER SENT TO FSA BY IATOSFS AND RESPONSE HAS NOT BEEN RECEIVED OR PROCESSED)
		..1.		WTRFFSRC	"X'20'" OSFS RECEIVED REJECT COMMAND
		...1		WTRFUIR	"X'10'" UPDATE INTERVENTION REQUIRED
		EQU X'08' RESERVED FOR DEVELOPMENT			
		.... .1..		WTRFPORQ	"X'04'" POST FOR GETDS REQUIRED
		.... ..1.		WTRFDUMP	"X'02'" OPERATOR REQUESTED DUMP DURING FAILSOFT - ABEND FSS ADDRESS SPACE WITH DUMP
		1		WTRFRCUR	"X'01'" FAILSOFT RECURSION
1474	(5C2)	BITSTRING	1	WTRFFLG3	FSS WTR FLAG
		DEFINITION OF WTRFFLG3			
		1...		WTRFGTRL	"X'80'" RELEASE WTR'S PENDING OSES
		.1..		WTRFTREQ	"X'40'" SET ORDER REQUIRED
		..1.		WTRFSVAL	"X'20'" DS VALIDATION ON SYNC REQ'D
		...1		WTRFSMSG	"X'10'" WTRIOSE has job name and number for IAT7089 msg
		.... 1...		WTRFDRET	"X'08'" OSMP RETURN W/OUT CMD IMPL
		.... .1..		WTRFDSUP	"X'04'" WTRFDSAD DS UNPRINTABLE BY FSS
		.... ..1.		WTRFSARS	"X'02'" FSA RESTART REQUESTED
		1		WTRFDVRS	"X'01'" DEVICE IS TO BE RESTARTED
1475	(5C3)	BITSTRING	1	WTRFFLG4	FSS WTR FLAG
		DEFINITION OF WTRFFLG4			
		1...		WTRFDCPI	"X'80'" WTRFDSAD DS CHKPOINT INVALID
		.1..		WTRFRSCD	"X'40'" RELDS INCOMPLETE RECEIVED
		..1.		WTRFJTRL	"X'20'" JOB TRAILER WAS SPECIFIED ON SYNCH ORDER TO DEVICE
		...1		WTRFJNDS	"X'10'" JESNEWS BEING SELECTED 2633
		.... 1...		WTRFJNNX	"X'08'" JESNEWS TO BE SENT NEXT 2633
		.... .1..		WTRFCLR	"X'04'" PDQ CLEAR IN PROGRESS
		.... ..1.		WTRFFAIL	"X'02'" FSS AND WRITER TO TERMINATE #245
		1		WTRFDOSU	"X'01'" UPDATE DOSE ON PDQWOSWR 3339

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		END OF THIS AREA DUMPED BY SPECIFYING THE D PARAMETER ON AN X, S, R, OR C COMMAND FOR FSS MODE WRITERS. (SEE WTRFFLG5) THE FOLLOWING FIVE FIELDS IDENTIFY THE JOB IN PROGRESS AT THE CHANNEL INTERFACE. FOR NON-CHANNEL-ORIENTED OUTPUT DEVICE (E.G. 3800) OR A DEVICE DRIVEN BY AN FSS, THEY MAY NOT PERTAIN TO THE SAME JOB AT THE TRANSFER STATION OR STACKER AS IDENTIFIED BY THE ACTIVE RESQUEUE IN FCTRQAD. INITIALLY, WE COULD HAVE BOTH THE FCTRQAD AND THE FOLLOWING FIVE FIELDS IDENTIFYING THE SAME JOB. AS THE JOB PROGRESSES THROUGH THE CHANNEL THE WRITER COULD START TO BRING IN THE NEXT JOB AND UPDATE THE VALUES OF THE FOLLOWING FIVE FIELDS. THE FIELD FCTRQAD DIDN'T GET UPDATED UNTIL THE FIRST UNIT OF THE NEXT JOB IS READY TO BE STACKED. THUS, WE HAVE A SMALL WINDOW HERE WHERE WE HAVE THE FCTRQAD AND THE FOLLOWING FIELDS POINTING TO DIFFERENT JOBS.			
1476	(5C4)	CHARACTER	24	WTRDDSN	DATASET NAME IN PROGRESS
1500	(5DC)	CHARACTER	8	WTRDJNAM	JOB NAME IN PROGRESS
1508	(5E4)	CHARACTER	8	WTRDJID	JOB ID IN PROGRESS
1516	(5EC)	ADDRESS	4	WTRDRSQ	RQ ADDR FOR CURRENT JOB
1520	(5F0)	CHARACTER	8	WTRDYNAM	JOB ID FOR DYNAMIC WTR
		FIELDS USED BY THE PENDING DATA SET QUEUE MANAGER (IATOSFP)			
1528	(5F8)	ADDRESS	4	WTRFDSAD	DATA SET ID ADDRESS FOR AN FSS WRITER
1532	(5FC)	ADDRESS	4	WTRFPDQF	ADDR OF FIRST (OLDEST) PDQ ENTRY (0 IF QUEUE EMPTY) MAINTAINED BY OSFP
1536	(600)	ADDRESS	4	WTRFPDQL	ADDR OF LAST (NEWEST) PDQ ENTRY (0 IF QUEUE EMPTY) MAINTAINED BY OSFP
1540	(604)	ADDRESS	4	WTRFPDQC	ADDR OF CURRENT (CHANNEL) PDQ. ZERO IF NO DS SELECTD MAINTAINED BY OSFP
1544	(608)	ADDRESS	4	WTRFRSVX	RESERVED FOR DEVELOPMENT
1548	(60C)	ADDRESS	4	WTRFPDQS	ADDR OF 'SYNCHED TO' PDQ IATXPDQ TYPE=PDQSYNCH SETS MAINTAINED BY OSMP+OSFM
		FIELDS USED BY PENDING PAGE QUEUE MANAGER (IATOSWP)			
1552	(610)	ADDRESS	4	WTROPPQF	ADDR OF FIRST (OLDEST) PPQ ENTRY (0 IF QUEUE EMPTY)
1556	(614)	ADDRESS	4	WTROPPQN	ADDR OF PPQ ENTRY FOR NEXT PAGE EXPECTED TO BE STACKED (0 IF NO EXPECTED PAGE IS IN PRINTER)
1560	(618)	ADDRESS	4	WTROPPQL	ADDR OF LAST (NEWEST) PPQ ENTRY (0 IF QUEUE EMPTY)
1564	(61C)	SIGNED	4	WTRDCUPG	NUM OF PAGES INTO CURRENT TRANSMISSION. DECREASED FOR BACKSP, INCREASED FOR PRINTING & FORWARD SPACE
1568	(620)	SIGNED	4	WTRDCTPG	NUMBER OF PAGES IN A COMPLETE TRANSMISSION OF THE CURRENT DATA SET. ZERO WHEN THE FIRST TRANSMISSION HAS NOT COMPLETED.
1572	(624)	SIGNED	2	WTRICURR	OFFSET WITHIN WOSE BUFFER TO CURRENT DATA SET BEING PROCESSED AT THE CHANNEL
1574	(626)	SIGNED	2	WTROLRCL	Original logical record length of a record
1576	(628)	BITSTRING	1	WTRDPSTF	WRITER POST FLAG BYTE

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF WTRDPSTF FLAGS SHOULD BE UPDATED UNDER NUC TASK ONLY			
		1...		WTRDCMDQ	"X'80'" OPERATOR COMMAND QUEUED FOR FCT
		.1..		WTRDSPRT	"X'40'" SETPRINT COMPLETE
		..1.		WTRI7030	"X'20'" MSG IAT7030 REPLIED TO BY OP
		...1		WTRISTAR	"X'10'" COMMAND IS A START COMMAND
		.... 1...		WTRDSADD	"X'08'" SETPRT TYPE=ADD ISSUED
		.... .1..		WTRDRCER	"X'04'" SETPRT RECURSIVE ERROR IND
		.... ..1.		WTRDTMOT	"X'02'" Writer timed out while waiting for work
		1		WTRDOFLG	"X'01'" WORK AVAILABLE
1577	(629)	BITSTRING	1	WTRDMSAV	SAVE AREA FOR TASK MODE
1578	(62A)	BITSTRING	1	WTRSPFLG	SPANNED DATA FLAGS
		DEFINITION OF WTRSPFLG THE FLAGS ARE USED TO INDICATE THE TYPE OF DATA PASSED TO NETWORKING MODULE IATOSNJ			
1578	(62A)	X'0'	0	WTRNOSPN	"FCTNOSPN" LOGICAL RECRD IS NOT SPANNED
1578	(62A)	X'80'	0	WTRSPAN	"FCTSPAN" SPANNED DATA PRESENT
1578	(62A)	X'C0'	0	WTRSPFIR	"FCTSPFIR" FIRST 'RECORD SECTION'
1578	(62A)	X'80'	0	WTRSPNTH	"FCTSPNTH" NTH 'RECORD SECTION'
1578	(62A)	X'A0'	0	WTRSPLST	"FCTSPLST" LAST 'RECORD SECTION'
1579	(62B)	BITSTRING	1	WTRFWOSU	OSFP WOSE UPDATE RTN FLAG
1580	(62C)	SIGNED	2	WTRSRLN	SPANNED RECORD LENGTH
		BEGINNING OF AREA DUMPED IN MESSAGE IAT7060 AFTER WTRFFLG1 THROUGH WTRFFLG4 BY SPECIFYING THE 'D' PARAMETER ON AN X, S, R OR C COMMAND FOR WRITERS IN FSS MODE.			
1582	(62E)	BITSTRING	1	WTRFFLG5	FSS WRITER FLAG BYTE 5
		DEFINITION OF WTRFFLG5			
		1...		WTRFRSTR	"X'80'" FSS WRITER TO BE RESTARTED FOLLOWING IPL OF FSS MAIN
		.1..		WTRFSTRS	"X'40'" STAGING AREA RECEIVED RESENT OVER RESTART (STARSNT)
		..1.		WTRFSYWT	"X'20'" WAITING FOR DATASET SYNCHRONIZATION MSG ISSUED
		...1		WTRFFRIP	"X'10'" FSA RESTART IN PROGRESS
		.... 1...		WTRFJOSL	"X'08'" JOB/OSE SELECTED STATUS LOCK
		.... .1..		WTRFSRS	"X'04'" SPECIALIZED RESCHEDULE HAS RETURNED NAVAIL-DYNAMIC WTR
		.... ..1.		WTRFQREQ	"X'02'" QUERY ORDER REQUIRED
		1		WTRFSDDN	"X'01'" DDNAME TO BE FOUND IN PDQ
		END OF AREA DUMPED BY SPECIFYING THE D PARAMETER ON AN X, S, R, OR C COMMAND FOR FSS MODE WRITERS.			
1583	(62F)	BITSTRING	1	WTRFFLG6	FSS WRITER FLAG BYTE 6

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF WTRFFLG6 THE FOLLOWING 3 BITS INDICATE THAT JES REQUESTED SETUP, BUT THE DEVICE DOES NOT SUPPORT THAT PARTICULAR INTERV.			
		.1..		WTRDJDST	"X'40'" STACKER SETUP REQUESTED(JES)
		..1.		WTRDJFLS	"X'20'" FLASH SETUP REQUESTED(JES)
		...1		WTRDJFRM	"X'10'" FORMS SETUP REQUESTED(JES)
1583	(62F)	X'70'	0	WTRDJFLG	"WTRDJDST+WTRDJFLS+WTRDJFRM"
		.... .1..		WTRDUDST	"X'04'" STACKER UPDATE INTERV. REQ.
		.... ..1.		WTRDUFLS	"X'02'" FLASH UPDATE INTERV. REQ.
		1		WTRDUFRM	"X'01'" FORMS UPDATE INTERV. REQ.
1583	(62F)	X'7'	0	WTRDUFLG	"WTRDUDST+WTRDUFLS+WTRDUFRM"
1584	(630)	BITSTRING	1	WTRFFLG7	FSS WRITER FLAG BYTE 7
		DEFINITION OF WTRFFLG7			
		1...		WTRFMANU	"X'80'" MANUAL MODE PRINT BUFFER PROCESSING IN PROGRESS
		.1..		WTRFGRCM	"X'40'" MANUAL MODE COMMAND PROCESSING IN PROGRESS
		..1.		WTRFVOFF	"X'20'" SUPUNIT VARY OFFLINE SCHEDULED
		...1		WTRFPRIM	"X'10'" PARM OSE IS FOR PRIME PDQ
		.... 1...		WTRFSATM	"X'08'" FSA TO TERMINATE
		.... .1..		WTRFSABN	"X'04'" STOP FSA ABNORMAL FOR *FAIL 0207 OR WTR ABEND IN PROGRESS 0207
		.... ..1.		WTRICKPG	"X'02'" CHECKPOINT INTERVAL IS IN PAGES
		1		WTRICKSC	"X'01'" CHECKPOINT INTERVAL IS IN SECONDS
1585	(631)	BITSTRING	1	WTRFFLG8	FSS WRITER FLAG BYTE 8
		DEFINITION OF WTRFFLG8			
		1...		WTRFFIT	"X'80'" FSA INITIATED TERMINATION 0046
		.1..		WTRFINZ0	"X'40'" NON-0 NON-TERMINAL RETURN IN INTERVENTION ORDER RESP
		..1.		WTRFCKAL	"X'20'" FSS checkpoint allocated
		...1		WTRDLOCN	"X'10'" WHEN ON, INDICATES DLOCON HAS BEEN ISSUED; WHEN OFF DLOCOFF IS NOT REQUIRED
		.... 1...		WTRFIWTO	"X'08'" WTO MESSAGE HAS BEEN ISSUED
		.... .1..		WTRFCLPI	"X'04'" CLEAR PRINT ISSUED FOR DYNAMIC WRITER
		.... ..1.		WTRFCPIP	"X'02'" CLEAR PRINT IN PROGRESS
		1		WTRFOSDP	"X'01'" A DATASET IN THIS OSE HAS BEEN MARKED PENDING
1586	(632)	BITSTRING	1	WTRFFLG9	FSS FLAG BYTE 9
		DEFINITION OF WTRFFLG9			
		1...		WTRFSEET	"X'80'" AN ENVIRONMENTAL TYPE ERROR (BIT RESP2ETE WAS SET IN RESPFL2) WAS RECEIVED IN RESPONSE TO A SET ORDER.

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.1..		WTRFQUET	"X'40'" AN ENVIRONMENTAL TYPE ERROR WAS RECEIVED IN RESPONSE TO A QUERY ORDER.
		..1.		WTRFSYET	"X'20'" AN ENVIRONMENTAL TYPE ERROR WAS RECEIVED IN RESPONSE TO A SYNCH ORDER.
		...1		WTRNOACT	"X'10'" NO ACTION REQUIRED FOR THIS COMMAND
		.... 1...		WTRJTRNX	"X'08'" Job trailer to go next
		.... .1..		WTRFNDMP	"X'04'" No dump of FSS required on FAILDSP
		.... ..1.		WTRWSPUP	"X'02'" IATOSFP did an IATXOSWS GET/REL call for RQ saved in the primary WSP
		1		WTRFWUAL	"X'01'" Waiting for FSS to get unallocated
1587	(633)	BITSTRING	1	WTRFFLGA	FSS FLAG BYTE 10
		DEFINITION OF WTRFFLGA			
		1...		WTRF0FDB	"X'80'" A DM656 ABEND IS NOT NEEDED FOR A ZERO WOSE FDB. THE ROUTINE CALLING PDQWOSRD WILL HANDLE IT.
		.1..		WTRFNEWS	"X'40'" PDQDSSEL CALL WAS MADE FOR JESNEWS DATASET
		..1.		WTRFRLTM	"X'20'" RELDS timer outstanding
		...1		WTRFRTMI	"X'10'" RELDS timer cancelled, may need to be reissued
		.... 1...		WTRFRVA3	"X'08'" BIT RESERVED FOR SERVICE
		.... .1..		WTRFRVA4	"X'04'" BIT RESERVED FOR SERVICE
		.... ..1.		WTRFRVA5	"X'02'" BIT RESERVED FOR SERVICE
		1		WTRFRVA6	"X'01'" BIT RESERVED FOR SERVICE
1588	(634)	BITSTRING	8	WTRDWSTM	WRITER START TIME (TOD)
		DEFINE THE PARAMETER LIST SPACE FOR IATUX45 0 THIS AREA IS MAPPED VIA IATYUX45. 0 2 lines deleted by PQK0002 0			
1596	(63C)	BITSTRING	1	WTRFUX45	UX45 PARAMETER LIST
		FIELD WTRFJMRA POINTS TO THE JMR AREA THAT IS GET- 0 MAINED IN IATOSFD. IT POINTS TO A BUFFER FOR THE 0 COPIED JMR. UX45JMRA IS USED TO POINT TO THE JMR 0 FOR A PARTICULAR IATUX45 CALL, OR IS 0 IF NOT AVAIL. 0			
1632	(660)	SIGNED	4	WTRFJMRA	JMR BUFFER POINTER FOR UX45 0635
1636	(664)	SIGNED	4	WTRDRSV1(2)	RESERVED FOR DEVELOPMENT 0002
1644	(66C)	SIGNED	4	WTRDRSV2(5)	RESERVED FOR SERVICE
1664	(680)	SIGNED	4	WTRDRSV3	RESERVED FOR USER
		REASON CODES FOR FSS WRITER ABEND DM656 FAILURES			
		1		WTRFSAAC	"X'01'" FSA ALREADY ACTIVE WITH A DIFFERENT WRITER FCT
		.... ..1.		WTRPDQER	"X'02'" ERROR RECREATING THE PDQ FOLLOWING HOTSTART
		11		WTRXFSER	"X'03'" ERROR RETURN CODE FROM IATXFSS TYPE=FSSSTART 0546

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... .1..		WTRFSSSA	"X'04'" INVALID STAGING AREA RECEIVED FROM FSS
		.... .1.1		WTRFSASA	"X'05'" INVALID STAGING AREA RECEIVED FROM FSA
		.... .11.		WTRSPFSS	"X'06'" ERROR RETURN FROM STOP FSS ORDER
		.... .111		WTRSTFSA	"X'07'" ERROR RETURN FROM START FSA ORDER
		.... 1...		WTRSPFSA	"X'08'" ERROR RETURN FROM STOP FSA ORDER
		.... 1..1		WTRSTDEV	"X'09'" ERROR RETURN FROM START DEVICE ORDER
		.... 1.1.		WTRSPDEV	"X'0A'" ERROR RETURN FROM STOP DEVICE ORDER
		.... 1.11		WTRDMPRQ	"X'0B'" DUMP REQUESTED BY JES3 IN FSS ADDRESS SPACE
		.... 11..		WTRSYNDV	"X'0C'" ERROR RETURN FROM SYNCH #096 ORDER #096
		.... 11.1		WTRSETDV	"X'0D'" ERROR RETURN FROM SET #096 ORDER #096
		.... 111.		WTRFGDSF	"X'0E'" ERROR FOUND BY THE GETDS PROCESSOR DURING PDQ PROCESSING
		 1111		WTRIWFIT	"X'0F'" INVALID WRITER STATE FOR FSA REQUESTED TERMINATION
		...1		WTRNZIOR	"X'10'" NON-ZERO RETURN CODE FOUND IN THE INTERVENTION ORDER RESPONSE AREA BY IATOSFS
		...1 ...1		WTRQURYF	"X'11'" ERROR RETURN FROM QUERY ORDER
		...1 ..1.		WTRGDSST	"X'12'" UNEXPECTED RETURN BY SETUP PROCESSOR DURING GETDS
		...1 ..11		WTRFSNUM	"X'13'" Num of GETDS extensions 0073 is null 0073
		...1 .1..		WTRDSTQ1	"X'14'" UNABLE TO PROCESS STAR - DSTQ NOT AVAILABLE (OSFD)
		...1 .1.1		WTRDSTQ2	"X'15'" UNABLE TO PROCESS STAR - DSTQ NOT AVAILABLE (OSFD)
		...1 .11.		WTRDSTQ3	"X'16'" UNABLE TO DLOCON AFTER RESTART - (OSFD) DSTQ NOT AVAILABLE
		...1 .111		WTRDSTQ4	"X'17'" FSA UNABLE TO DLOCON ON DSTQ NOT AVAILABLE (OSFI)
		THE FOLLOWING REASONS CODES HAVE BEEN USED BY APAR OY38190 FOR RELEASES SP1.3.4 - SP2.2.1 FOR FSS PROCESSING (WHICH TAKES PLACE IN THE ESA RELEASES IN MODULE IATGRFC) AND ARE THEREFORE UNAVAILABLE FOR USE IN ANY FUTURE RELEASES. WTRDSTQ5 EQU X'18' DLOCON FAILURE WTRDSTQ6 EQU X'19' DSQ UNAVAILABLE				
		...1 1.1.		WTRP0FDB	"X'1A'" A ZERO WOSE FDB IN A PDQ HAS BEEN DETECTED WHEN TRYING TO DO A WOSE READ.
		...1 1.11		WTRFENQW	"X'1B'" JESNEWS AENQ count wrong
		...1 11..		WTRNSTAR	"X'1C'" WTRFISET BUT NO STAR PASSED TO OSFS IN WTRFSTAR
		...1 11.1		WTROVSTP	"X'1D'" FSI extn end addr points 0073 beyond the end of SRL 0073
		...1 111.		WTRGDPDQ	"X'1E'" WTRDRSQ zero during PDQ GETDS processing

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		SNARJP COMMUNICATION AREA			
1668	(684)	SIGNED	4	WTRSNREC(4)	CURRENT RECORD CHKPT INFO -- THIS INCLUDES TWO M.R SPOOL ADDRESSES & AN OFFSET FIELD (CHNSZ)
1684	(694)	SIGNED	4	WTRSCHSZ	CHAIN SIZE FOR CURR DS
1684	(694)	X'694'	0	WTRSCHFL	"WTRSCHSZ,1" CHAIN SIZE SPEC. FLAG
1684	(694)	X'695'	0	WTRSCHPG	"WTRSCHSZ+1,1" NUM OF 'PAGES' IN SNA CHAIN
1684	(694)	X'696'	0	WTRSCHLN	"WTRSCHSZ+2,1" NUMBER OF LINES IN 'PAGE'
1688	(698)	CHARACTER	8	WTRSFRMS	FORMS REQ'D
1696	(6A0)	CHARACTER	4	WTRSUCSO	TRAIN REQ'D
1700	(6A4)	CHARACTER	8	WTRSFCBO	FCB REQ'D
1708	(6AC)	BITSTRING	8	WTRSCTAB	COMPACTION TBL REQ'D
1716	(6B4)	BITSTRING	1	WTRSCOPY	COPIES REQ'D
1717	(6B5)	BITSTRING	1	WTRSRSVD	RESERVED FOR SNA
1718	(6B6)	BITSTRING	1	WTRSFLG1	PDIR /ERR FLAG
		DEFINITION OF WTRSFLG1			
		1...		WTRSFMH2	"X'80'" WORK STATION SUPPORTS PDIR
		.1..		WTRSSEND	"X'40'" SEND PDIR
		..1.		WTRSPERR	"X'20'" PERMANENT SNA ERROR
		...1		WTRSRERR	"X'10'" RECOVERABLE TRANS. ERROR
		.... 1...		WTRPDIRN	"X'08'" NEED TO SEND PDIR
1719	(6B7)	BITSTRING	1	WTRSFLG2	OSWD SNA FLAG
		DEFINITION OF WTRSFLG2			
		1...		WTRSNXDS	"X'80'" NEW DS DETECTED
		.1..		WTRSRSRT	"X'40'" DS IS BEING RESTARTED
		..1.		WTRSFOCO	"X'20'" FIRST OF CHAIN - WTR TAKES CHKPT
		...1		WTRSCHKT	"X'10'" WTR TAKES CHKPTS ONLY ON FIRST OF CHAIN
		.... ..1.		WTRSSDEV	"X'02'" WTR HAS SNA DEVICE
1720	(6B8)	BITSTRING	1	WTRSFLG3	SERVICE ROUTINE COMM. FLAG
		DEFINITION OF WTRSFLG3			
		1...		WTRSMSGM	"X'80'" MODIFY OSMP RESPONSE MSG
		.1..		WTRSPFCB	"X'40'" IATXOSP IS FOR FCB LOAD
		..1.		WTRSLDEN	"X'20'" LINE DENSITY REQUEST (SNA)
		...1		WTRSSUSP	"X'10'" SESS. WAS SUSPENDED (OSMP)
		.... 1...		WTRSDSOP	"X'08'" PDIR HAS BEEN SENT FOR DS
1724	(6BC)	SIGNED	4	(0)	
1724	(6BC)	SIGNED	4	WTRSRSV1(5)	RESERVED FOR SNA DEV
1744	(6D0)	SIGNED	4	WTRSRECN	SAVE AREA FOR JOB LINE CNT
1748	(6D4)	SIGNED	4	WTRSRSV2(4)	RESERVED FOR SNA SERVICE
1764	(6E4)	SIGNED	4	WTRSRSV3	RESERVED FOR USER

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1768	(6E8)	DBL WORD	8	WTRISYS(0)	START OF AREA ZEROED IN IATOSWD INITIALIZATION

		IATYWSP TYPE=F
		IATYEQU JES3 STANDARD EQUATES
		IATYEQU ALREADY GENERATED
		    OUTPUT SELECT PARAMETERS
		01 Change Activity:
		  $S5=SDSFASST HJS7760 080810 RD0RJ: z 1.11.0				

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1768	(6E8)	SIGNED	4	WSPSTART(0)	
1768	(6E8)	SIGNED	2	WSPTEJBC	Compatible with WSPTEJBI - see IATXJBNO macro
1770	(6EA)	CHARACTER	8	WSPTEUID	USER ID (SYSOUT)
1770	(6EA)	X'6EA'	0	WSPJOBID	"WSPTEUID" JOB ID (SYSOUT)
1768	(6E8)	ADDRESS	4	WSPCHAIN	WAIT FOR WORK CHAIN FIELD
1768	(6E8)	X'6E8'	0	WSPRECRD	"WSPCHAIN" TOTAL RECORDS PENDING JOB
1772	(6EC)	ADDRESS	4	WSPAECF	ECF ADDRESS, NEW WORK
1776	(6F0)	BITSTRING	1	WSPMASK	ECF MASK FIELD, NEW WORK
1777	(6F1)	BITSTRING	1	WSPHWCNT	COUNT OF OUTSERV FCT'S 0370 WAITING TO PROCESS THIS 0370 HOT WRITER 0370
1778	(6F2)	BITSTRING	1	WSPFLAG	FLAG BYTE

		DEFINITION OF WSPFLAG			

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		WSPOSELK	"X'80'" RQ OSE LOCK HELD
		.1..		WSPSSREQ	"X'40'" SUBSYSTEM REQUEST
		..1.		WSPSYSRQ	"X'20'" PROCESS SYSOUT REQUEST
		...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.				

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1778	(6F2)	X'10'	0	WSPFIRRQ	"WSPDEL" FIRST SYSOUT PSO REQUEST
1778	(6F2)	X'8'	0	WSPOKRET	"WSPREL" REQUEST ENDED SUCCESSFULLY
1778	(6F2)	X'1'	0	WSPRQCMP	"WSPSCHED" REQUEST IS COMPLETE
1779	(6F3)	BITSTRING	1	WSPFLG1	FLAG BYTE 1

		DEFINITION OF WSPFLG1 WSPPEND (Writer) and WSPTSO (PSO) doubly defined WSPCKPRQ (PSO) and WSPSAFFL (OUTSERV) doubly defined				

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		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
1779	(6F3)	X'8'	0	WSPTSO	"WSPPEND" TSO REQUEST FOR PSO WSP
		.... .1..		WSPCHNGE	"X'04'" CHANGE FOUND

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... ..1.		WSPFAILD	"X'02'" FAILURE HAS OCCURED.
		1		WSPCKPRQ	"X'01'" CHECKPOINT REQUIRED
1779	(6F3)	X'1'	0	WSPSAFFL	"WSPCKPRQ" SAF call failed during wait queue search
1780	(6F4)	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.			
1780	(6F4)	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).			
1780	(6F4)	BITSTRING	12	WSPFDBT	Temporary OSE
1792	(700)	SIGNED	2	WSPRSVS6	Reserved for IBM
1794	(702)	SIGNED	2	WSPLEN	Length of WSP
1796	(704)	BITSTRING	6	WSPJDS	JDS SPOOL ADDRESS SAVE AREA
1802	(70A)	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
		.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
1803	(70B)	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

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1804	(70C)	BITSTRING	12	WSPFDBSV	SAVE FDB FOR PREVIOUS OSE 7#
1816	(718)	SIGNED	4	WSPSSCWA	Work area for IATOSSC
1820	(71C)	BITSTRING	14	WSPRSVS5	Reserved for IBM
1834	(72A)	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.			
1836	(72C)	CHARACTER	2	WSPRSV01	' Reserved - do not use
1838	(72E)	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
		1		WSP4BOSD	"X'01'" PSO DSP supports four-byte OSE sequence number
1839	(72F)	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
1840	(730)	SIGNED	4	WSPSECPT	POINTER TO GETMAINED AREA FOR USE BY IATXSEC
1844	(734)	SIGNED	4	WSPSAVE	WORK SAVE AREA
1848	(738)	SIGNED	4	WSPPSCPT	PTR TO PSSC CONTROL BLOCK 0357 (The D.F.R. memorial PSSC 0049 pointer) 0049

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1852	(73C)	SIGNED	2	WSPBUFNC	OSE buffer number compati- ble value - see WSPBUFN4
1854	(73E)	SIGNED	2	WSPOFFST	OSE OFFSET VALUE
1856	(740)	CHARACTER	1	WSPCCNTL	OSE CARRIAGE CONTROL VALUE
1857	(741)	BITSTRING	4	WSPFFDBV	OSE FDB VALIDITY VALUE 05209SRA
1861	(745)	BITSTRING	1	WSPFLG11	Flag byte 11 05209SRA

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------------------------------------------------------------ 05209SRA
      Definition of WSPFLG11 05209SRA
------------------------------------------------------------ 05209SRA
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		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
1862	(746)	BITSTRING	2	WSPRSVDV	Reserved for IBM 05209SRC
1864	(748)	CHARACTER	80	WSPTOKEN	SECURITY TOKEN 0318 INBOUND-CALLER'S UTOKEN OUTBOUND-RETURNED DATA SET'S RTOKEN
1944	(798)	CHARACTER	4	WSPID	WSP eyecatcher 0075
1948	(79C)	ADDRESS	4	WSPYOSPC	IATYOSPC address 0075
1952	(7A0)	ADDRESS	4	WSPTEJBI	Extended jobid 0075
1956	(7A4)	ADDRESS	4	WSPCKJBI	Checkpoint jobid 0075
1960	(7A8)	ADDRESS	4	WSPOSTJI	Hot writer queue post 0075 jobid 0075
1964	(7AC)	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).

1968	(7B0)	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.

1972	(7B4)	BITSTRING	16	WSPRQFDB	Work FDB & sequence number
1988	(7C4)	CHARACTER	4	WSPOSEID	ID for OSE
1992	(7C8)	SIGNED	2	WSPOSEOF	Offset to 4-byte OSE field
1992	(7C8)	X'16'	0	WSPERCVL	"*-WSPRQFDB" Length of IATXERCV workarea
1992	(7C8)	X'7B4'	0	WSPERCVW	"WSPRQFDB,WSPERCVL" Workarea for IATXERCV macro
1994	(7CA)	BITSTRING	3	WSPRSVS4	Reserved for IBM
1997	(7CD)	BITSTRING	1	WSPFLG4	FLAG BYTE 4

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		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
1998	(7CE)	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
		.... .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
1999	(7CF)	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.			
2000	(7D0)	BITSTRING	1	WSPRTNIN	IATOSPC SUBROUTINE INDEX 0559
2000	(7D0)	X'0'	0	WSPOSERD	"0" OSE READ SUBROUTINE
2000	(7D0)	X'4'	0	WSPOSERL	"4" OSE ARELEASE SUBROUTINE

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2000	(7D0)	X'8'	0	WSPOSEWR	"8" OSE WRITE SUBROUTINE
2000	(7D0)	X'C'	0	WSPJOBCM	"12" JOB COMPLETION SUBROUTINE
2000	(7D0)	X'10'	0	WSPWTRSC	"16" WRITER SCHEDULE SUBROUTINE
2000	(7D0)	X'14'	0	WSPRTN20	"20" Reserved for IBM 0075
2000	(7D0)	X'18'	0	WSPCLSRT	"24" CLASS ROTATION SUBROUTINE
2001	(7D1)	BITSTRING	1	WSPPECF	ECF FOR PURGE
2004	(7D4)	ADDRESS	4	WSPRESQ	SAVE AREA FOR RESQ (OSPC)
2008	(7D8)	SIGNED	4	WSPOSA	ADDRESS OF IATODDR (OSA) 0681 USED FOR LOCAL TO SNA/NJE 0681
2012	(7DC)	SIGNED	4	WSPCDE	ADDRESS OF CDE (IATODDR) FOR0681 LOCAL TO SNA/NJE PROCESSING 0681
2016	(7E0)	SIGNED	4	WSPPENSA	PENDING STAGING AREA CHAIN
2020	(7E4)	SIGNED	4	WSPSTA	ADDR OF STAR FOR IATOSPC
2024	(7E8)	SIGNED	4	WSPSAVE2	2ND WORK SAVE AREA 0559
2028	(7EC)	SIGNED	4	WSPSAVE3	3RD WORK SAVE AREA 0559
2032	(7F0)	SIGNED	4	WSPSAVEA(9)	REGISTER SAVE AREA 0606
2068	(814)	CHARACTER	4	WSPUCSID	UCS ID 0439
2072	(818)	CHARACTER	4	WSPFCBID	FCB ID 0096
2076	(81C)	BITSTRING	8	WSPPSOTM	PSO CALL TIME (TOD) 0232
2084	(824)	ADDRESS	4	WSPCRJOB	Current job for PSO
2088	(828)	ADDRESS	2	WSPRSVD9	Reserved for IBM 0075 0075
2090	(82A)	BITSTRING	1	WSPIDENT	Type of WSP 0075
2090	(82A)	X'1'	0	WSPIBDCI	"1" IATBDCI - BDT communications0075
2090	(82A)	X'2'	0	WSPIDJOT	"2" IATDJOT - Dump Job 0075
2090	(82A)	X'3'	0	WSPIDMJA	"3" IATDMJA - PSO unallocation 0075
2090	(82A)	X'4'	0	WSPIIQOS	"4" IATIQOS - Outserv Inquiry 0075
2090	(82A)	X'5'	0	WSPIMOCP	"5" IATMOCP - Modify cancel 0075
2090	(82A)	X'6'	0	WSPIMOOS	"6" IATMOOS - Outserv Modify 0075
2090	(82A)	X'7'	0	WSPINTNR	"7" IATNTNR - NJERDR 0075
2090	(82A)	X'8'	0	WSPINTRS	"8" IATNTRS - NJE Reroute 0075
2090	(82A)	X'9'	0	WSPIOSB1	"9" IATOSBM - BDT cancel 0075
2090	(82A)	X'A'	0	WSPIOSB2	"10" IATOSBM - JSAM error 0075
2090	(82A)	X'B'	0	WSPIOSB3	"11" IATOSBM - BDT job hold 0075
2090	(82A)	X'C'	0	WSPIOSD1	"12" IATOSDR - Output Service 0075 (Primary FCT) 0075
2090	(82A)	X'D'	0	WSPIOSD2	"13" IATOSDR - Output Service 0075 (Secondary FCT) 0075
2090	(82A)	X'E'	0	WSPIOSF1	"14" IATOSFD - FSS writer 0075 (primary WSP) 0075
2090	(82A)	X'F'	0	WSPIOSF2	"15" IATOSFD - FSS writer 0075 (secondary WSP) 0075
2090	(82A)	X'10'	0	WSPIOSSD	"16" IATOSSD - SAPI 0075
2090	(82A)	X'11'	0	WSPIOSSO	"17" IATOSSO - SAPI JSAM error 0075
2090	(82A)	X'12'	0	WSPIOSW1	"18" IATOSWD - JES3 writer 0075 (primary WSP) 0075
2090	(82A)	X'13'	0	WSPIOSW2	"19" IATOSWD - JES3 writer 0075 (secondary WSP) 0075
2090	(82A)	X'14'	0	WSPIPURG	"20" IATPURG - Purge processing 0075

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2090	(82A) X'15'		0	WSPISIOP	"21" IATSIOP - Process SYSOUT 0075
2090	(82A) X'16'		0	WSPIOSTC	"22" IATOSOR - TCP/IP job 07032SVA processing 07032SVA
2090	(82A) X'17'		0	WSPIGR70	"23" IATGR70 - SJF driver
2090	(82A) X'18'		0	WSPIOSR2	"24" IATOSOR2 - Output service 0075
2091	(82B)	BITSTRING	1	WSPVER	Version number
		1		WSPVER01	"X'01'" Version number 1
2091	(82B) X'1'		0	WSPCVER	"WSPVER01" Current version
2092	(82C)	ADDRESS	4	WSPPSDRT	OSPCS100 return address 0075
2096	(830)	ADDRESS	4	WSPSAVE4	PSOSCHED return address 0075
2100	(834)	SIGNED	4	WSPSDWAD	Address of SAPI DSP Work Area
2104	(838)	SIGNED	4	WSPRSVD8(2)	Reserved for IBM
2112	(840)	ADDRESS	4	WSPRQADR	Current RQ address
2116	(844)	SIGNED	4	WSPACONS	ADDR OF CALLING CONSOLE CNDB IN IATYWTR, WTRDCCDB
2120	(848)	SIGNED	4	WSPRSVU1(2)	RESERVED FOR USER 0200
					End of version 0 PSO area.
2120	(848) X'850'		0	WSPTEEND_V0	"*" End of version 0 PSO area
2120	(848) X'168'		0	WSPTESIZ_V0	"WSPTEEND_V0-WSPSTART" Size of version 0 PSO area
2128	(850)	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.
2128	(850) X'850'		0	WSPTEEND	"*" End of version 1 PSO area
2128	(850) 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.
2128	(850)	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.
2128	(850)	SIGNED	4	WSPRSVS3(4)	RESERVED FOR SERVICE
2144	(860)	BITSTRING	8	WSPWSTME	WRITER START TIME (TOD) -- 0630 (I.E., WHEN IATOSWC WAS 0630 ENTERED FOR THIS WRITER) 0630
2152	(868)	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)
2172	(87C)	BITSTRING	12	WSPOCHN	SAVE AREA FOR CHAIN FDB
2184	(888)	SIGNED	4	WSPOCNT4	Save area for sequence num

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2188	(88C)	CHARACTER	8	WSPTPID	Current APPC TPID, JSAB job id, or JSAB job name
2196	(894)	BITSTRING	6	WSPOSSWB	SPOOL ADDR FOR CURR OUTPUT D015 DESCR IF XTNDD KEYWORDS D015
2202	(89A)	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.			
2204	(89C)	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
2205	(89D)	BITSTRING	3	WSPRSVD7	Reserved for IBM
2208	(8A0)	SIGNED	4	WSPPPAGE	TOTAL PAGES PENDING JOB
2212	(8A4)	ADDRESS	4	WSPASUP	SUPUNITS ADDRESS
2216	(8A8)	ADDRESS	4	WSPARQ	ADDRESS OF RESQUEUE ENTRY
2220	(8AC)	BITSTRING	0	WSPFDBS(0)	Scheduled OSE FDB & seq num
2220	(8AC)	BITSTRING	12	WSPFDB	WOSE FDB
2232	(8B8)	SIGNED	4	WSPOSEB4	Scheduled OSE sequence num
2236	(8BC)	ADDRESS	4	WSPOSE	ADDRESS OF MOSE
2240	(8C0)	ADDRESS	4	WSPOSS	ADDRESS OF OSS ENTRY
2244	(8C4)	SIGNED	4	WSPNJERC	BSC/NJE PENDING RECORD CNT 0126
2248	(8C8)	SIGNED	4	WSPOUTBN	OUTBIN ID (in writer WSP)
2248	(8C8)	ADDRESS	4	WSPHWWSP	Address of hot writer WSP (in OUTSERV WSP)
2252	(8CC)	SIGNED	4	WSPRSVD2(2)	RESERVED FOR DEVELOPMENT 0146
2260	(8D4)	BITSTRING	16	WSPSELD	SEL MASK OF DS SELECTED
2276	(8E4)	BITSTRING	16	WSPSELT	TEMP SEL MASK
2292	(8F4)	BITSTRING	16	WSPSELM	MASTER SELECTION MASK
		DEFINITION OF WSPSELM VALUES			
2292	(8F4)	X'0'	0	WSPNULL	"00" IGNORE THIS ENTRY
2292	(8F4)	X'4'	0	WSPPRTY	"04" CHECK PRIORITY OF ENTRY
2292	(8F4)	X'8'	0	WSPDEST	"08" CHECK DESTINATION OF ENTRY
2292	(8F4)	X'C'	0	WSPTYPE	"12" CHECK DEST. TYPE OF ENTRY
2292	(8F4)	X'10'	0	WSPFORM	"16" CHECK FORMS SETUP OF ENTRY
2292	(8F4)	X'14'	0	WSPCARR	"20" CHECK FCB/CTAPE SETUP
2292	(8F4)	X'18'	0	WSPUCS	"24" CHECK TRAIN SETUP OF ENTRY
2292	(8F4)	X'1C'	0	WSPLINE	"28" CHECK LINE, PAGE, AND RECORD LIMITS OF PRINTER
2292	(8F4)	X'20'	0	WSPCLAS	"32" CHECK CLASS OF ENTRY
2292	(8F4)	X'24'	0	WSPFLASH	"36" CHECK FORMS FLASH SETUP
2292	(8F4)	X'28'	0	WSPCPMOD	"40" CHECK COPY MODIFICATION

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2292	(8F4)	X'2C'	0	WSPSTACK	"44" CHECK STACKER SETUP
2292	(8F4)	X'30'	0	WSPPMODE	"48" CHECK PROCESS MODE OF PRINTER
2292	(8F4)	X'30'	0	WSPSELMX	"WSPPMODE" MAXIMUM VALUE FOR WSPSELM
2308	(904)	SIGNED	2	WSPSELC	LOGICAL LENGTH OF WSPSELM
2310	(906)	BITSTRING	1	WSPPTYSV	HIGHEST PRIORITY FOUND
2311	(907)	BITSTRING	1	WSPRSVFX	RESERVED FOR SERVICE
2312	(908)	SIGNED	2	WSPOFST	OFFSET TO OSEENTRY
2314	(90A)	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)
2315	(90B)	BITSTRING	1	WSPFLG3	FLAG BYTE 3
		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
2316	(90C)	BITSTRING	2	WSPFRSDD	FLAGS - RESERVED FOR DEV.
2318	(90E)	BITSTRING	1	WSPFLG10	FLAG BYTE 10
		DEFINITION OF WSPFLG10			
		1...		WSPDUMPT	"X'80'" DUMP WAS REQUESTED
		.1..		WSP206IS	"X'40'" DM206 PREVIOUSLY ISSUED

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..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
2319	(90F)	SIGNED	1	WSPCLSN	NUMBER OF CLASSES
2320	(910)	CHARACTER	36	WSPCLSS	SYSOUT CLASSES TO SELECT
2356	(934)	SIGNED	4	WSPEND(0)	END OF PARM LIST
2356	(934)	BITSTRING	1	WSPSIZE(0)	L' TOTAL SIZE OF WSP
		EIGHT LINE DELETED BY APAR OZ78951 FULL WORD SCRATCH AREAS			
2356	(934)	SIGNED	4	(0)	INSURE WORD ALIGNMENT
2356	(934)	BITSTRING	32	WTRIFDBI	FDB FOR CURRENT DATASET WHEN MVT/TSO WRITER, OR FIRST M.R ONLY FOR OTHER WRITERS
2388	(954)	BITSTRING	16	WTRIPTRA	OPEN/POINT/NOTE PARM LIST
2388	(954)	BITSTRING	6	WTRIPTK1	FIRST SPOOL M.R FOR DATASET
2394	(95A)	BITSTRING	6	WTRIPTK2	M.R SPOOL ADDRESS FOR POINT
2400	(960)	BITSTRING	2	WTRIPOFF	OFFSET TO RECORD FOR POINT
2402	(962)	BITSTRING	2	WTRINON	UNUSED, SHOULD BE ZERO
2388	(954)	BITSTRING	24	WTRFPURC	PURCHAIN WORK AREA
2412	(96C)	BITSTRING	80	WTRICTKN	CTOKEN
2492	(9BC)	CHARACTER	18	WTRIRSTX	Reason text field
2512	(9D0)	ADDRESS	4	WTROSEAR	OSE address
2516	(9D4)	SIGNED	4	WTRIRSV1(4)	Reserved for development
2532	(9E4)	SIGNED	4	WTRINPRO	RUN OUT INTERVAL FOR WRITER
2536	(9E8)	SIGNED	2	WTRICKIV	CHECKPOINT INTERVAL
2538	(9EA)	SIGNED	2	WTRIRSVD	RESERVED FOR DEVELOPMENT
2540	(9EC)	ADDRESS	4	WTRFJNWS	JESNEWS ADDRS FOR FSS WTR
2544	(9F0)	SIGNED	4	WTRIPFOR	NUMBER OF PAGES TO MAP (3800 ONLY)
2548	(9F4)	BITSTRING	24	WTRINOT1	NOTE 1
2572	(A0C)	BITSTRING	24	WTRINOT2	NOTE 2
2596	(A24)	ADDRESS	4	WTRINOTS	POINTER TO NEXT NOTE AREA
2600	(A28)	BITSTRING	24	WTRICKPT	SAVE AREA FOR THE CHECKPOINT.
2624	(A40)	ADDRESS	4	WTRIRQAD	SAVE AREA FOR CALLED WTR RQ ADDRESS OR 0 FOR DYNAMIC WTR
2628	(A44)	ADDRESS	4	WTRIJDSP	JDS POINTER FOR DATA SET IN PROGRESS AT THE CHANNEL
2632	(A48)	SIGNED	4	WTRIPARM	FREE/HOLD PARM
2636	(A4C)	BITSTRING	16	WTRIDBPM(0)	LENGTH/ADDRESS OF I/P RECORD
2636	(A4C)	SIGNED	4	WTRILEN1	SPLIT RECORD LENGTH ONE
2640	(A50)	SIGNED	4	WTRIADR1	SPLIT RECORD ADDRESS ONE
2644	(A54)	SIGNED	4	WTRILEN2	SPLIT RECORD LENGTH TWO
2648	(A58)	SIGNED	4	WTRIADR2	SPLIT RECORD ADDRESS TWO

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2652	(A5C)	SIGNED	4	WTRIRCDS	SAVE AREA FOR JOB AND DATA SET RECORD COUNT
2656	(A60)	SIGNED	4	WTRIPAGS	SAVE AREA FOR JOB AND DATA SET PAGE COUNT
2660	(A64)	SIGNED	4	WTRIRPOS	REPOSITION COUNT
2664	(A68)	SIGNED	4	WTRILNCT	CHECKPOINT RECORD COUNTER
2668	(A6C)	SIGNED	4	WTRISLEN	CMD SCAN SAVE AREA (OSMP)
2672	(A70)	SIGNED	4	WTRDECFL(5)	WAIT FOR WORK ECF LIST
2672	(A70)	SIGNED	4	WTRDECF1	FIRST ECF ADDRESS
2676	(A74)	BITSTRING	1	(3)	MUST BE ZERO
2679	(A77)	BITSTRING	1	WTRDMSK1	FIRST ECF MASK
2680	(A78)	SIGNED	4	WTRDECF2	SECOND ECF ADDRESS
2684	(A7C)	BITSTRING	1	(3)	MUST BE ZERO
2687	(A7F)	BITSTRING	1	WTRDMSK2	SECOND ECF MASK
2688	(A80)	BITSTRING	4	WTRDECFE	ECF LIST TERMINATOR
2672	(A70)	SIGNED	4	WTRPSM14	SAVE RETURN FOR SMF6
2676	(A74)	SIGNED	4	WTRPRD14	SAVE RETURN FOR WOSE READ
2680	(A78)	SIGNED	4	WTRPWT14	SAVE RETURN FOR WOSE WRITE
2684	(A7C)	SIGNED	4	WTRPRL14	SAVE RETURN FOR WOSE RELEASE
2688	(A80)	SIGNED	4	WTRPSV14	SAVE RETURN-COMPLETE,RESCHED
2692	(A84)	SIGNED	4	(3)	REVD FOR OSWP RETURN SAVE
2704	(A90)	SIGNED	4	WTRPREG2	REG 2 SAVE AREA (OSWP)
2708	(A94)	SIGNED	4	WTRPSAV1	REGISTER SAVE AREA (OSWP) 0357
2712	(A98)	SIGNED	4	WTRPSAV2	REGISTER SAVE AREA (OSWP) 0357
2716	(A9C)	SIGNED	4	WTRPSAV3	REGISTER SAVE AREA (OSWP) 0357
2720	(AA0)	SIGNED	4	WTRPSAV4	REGISTER SAVE AREA (OSWP) 0357
2724	(AA4)	BITSTRING	1	WTRPWTRC	LOCAL RETURN CODE (OSWP)

SEVEN LINES DELETED BY APAR OZ73227
       HALF WORD SCRATCH AREAS

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2726	(AA6)	SIGNED	2	WTRINLCN	LINE COUNT BETWEEN NOTES
2728	(AA8)	SIGNED	2	WTRINTCN	NUMBER OF NOTES TO BE TAKEN BETWEEN CHECKPOINTS
2730	(AAA)	SIGNED	2	WTRICPYT	COPIES TRANSMITTED

NEXT FIELD IS MEANINGFUL FOR 3800 ONLY

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2732	(AAC)	SIGNED	2	WTRILPOS	FCB LINE POSITION AT START

WTRIOSE DEFINES A PARAMETER OSE USED TO IDENTIFY SETUP
REQUIREMENTS TO IATOSPS.

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2736	(AB0)	SIGNED	4	(0)	INSURE FULLWORD ALIGNMENT
2736	(AB0)	BITSTRING	96	WTRIOSE	0483
2832	(B10)	BITSTRING	256		0483
3088	(C10)	BITSTRING	1		0483
3088	(C10)	X'240'	0	WTRIOSSZ	"L'OSEFSIZE+L'OSEVSIZE+L'OSEDSIZE"

BYTE ALIGNMENT

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
3312	(CF0)	BITSTRING	1	WTRIREST	RESET MASK FOR DS/OSE UPDATE
3313	(CF1)	BITSTRING	1	WTRISET	SET MASK FOR DS/OSE UPDATE
3314	(CF2)	BITSTRING	1	WTRIHTYP	HOLD TYPE FOR DATA SET
3315	(CF3)	BITSTRING	1	WTRIHRSN	HOLD REASON FOR DATA SET
3316	(CF4)	BITSTRING	2	WTRRSVDB	RESERVED FOR DEVELOPMENT
		FDB FOR DATASET OUTPUT INFORMATION BLOCK (DOI), CREATED FOR APPC TRANASACTION PROGRAMS.			
3318	(CF6)	BITSTRING	34	WTRIDOFD	DOI MRF FDB
3352	(D18)	SIGNED	4	WTRIFFDB(0)	FULL WORD BOUNDARY 2843
3352	(D18)	BITSTRING	1	WTRIFDBS	FDB
3352	(D18)	X'D18'	0	WTRIWRKM	"WTRIFDBS,17" WORK AREA FOR ROUTE CODE MASK
3352	(D18)	X'D18'	0	WTRIWRK	"WTRIFDBS,16" WORK AREA FOR OUTPUT SERVICE COMMAND WITH OPTION ',P'
3380	(D34)	CHARACTER	10	WTRIWORK	WORK AREA, REDEFINED 2843
3390	(D3E)	CHARACTER	1	WTRINAV	NAV OPTION
3391	(D3F)	ADDRESS	1	WTRICOPY	CURRENT COPY NUMBER(IF 3800, CURRENT STARTING COPY NUM)
3392	(D40)	ADDRESS	1	WTRICPYS	TOTAL COPIES (IF 3800, SUM OF COPY GROUPS)
3393	(D41)	ADDRESS	1	WTRIFLCN	FLASH COUNT
3394	(D42)	BITSTRING	8	WTRICPYE	COPY GROUP VALUES
3402	(D4A)	BITSTRING	3	WTRICNTR(0)	3800 COPY LOAD PARM LIST
3402	(D4A)	ADDRESS	1	WTRICPYN	STARTING COPY NUMBER
3403	(D4B)	ADDRESS	1	WTRICPYC	NUMBER OF COPIES TO PRINT
3404	(D4C)	ADDRESS	1	WTRICFLC	NUMBER OF COPIES TO FLASH
3405	(D4D)	BITSTRING	8	WTRISELP	COMMAND SELECTION PARAMETER
3413	(D55)	ADDRESS	1	WTRICNTP	COMMAND CLASS COUNT
3414	(D56)	CHARACTER	36	WTRICLSP	COMMAND CLASSES
		FLAG BYTES			
3450	(D7A)	BITSTRING	8	WTRIMFLS(0)	INPUT MESSAGE FLAGS
3450	(D7A)	BITSTRING	2	WTRIMFLA(0)	NON KEYWORD PARAMS
3450	(D7A)	BITSTRING	1	WTRIMFL1	FLAG BYTE
		DEFINITION OF WTRIMFL1			
		1...		WTRIA	"X'80'" AUTO OPTION
		.1..		WTRIC	"X'40'" CHECKPOINT OPTION
		..1.		WTRID	"X'20'" DIAGNOSTIC OPTION
		...1		WTRIG	"X'10'" GROUP OPTION
		.... 1...		WTRIJ	"X'08'" JOB OPTION
		.... .1..		WTRIL	"X'04'" LOAD OPTION
		.... ..1.		WTRIM	"X'02'" MANUAL OPTION
		1		WTRIN	"X'01'" NOTE OPTION
3450	(D7A)	X'5D'	0	WTRIMPM1	"FF-WTRIA-WTRID-WTRIM" NO FSS SYNCH REQ. OPTIONS
3451	(D7B)	BITSTRING	1	WTRIMFL2	FLAG BYTE

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF WTRIMFL2			
		1...		WTRIP	"X'80'" PENDING RECS. OPTION
		.1..		WTRIR	"X'40'" RELEASE OPTION
		..1.		WTRIS	"X'20'" SINGLE OPTION
		...1		WTRIT	"X'10'" TERMINATE OPTION
		.... 1...		WTRIHLD	"X'08'" HOLD OPTION
		.... .1..		WTRIRCD	"X'04'" RESCHEDULE OPTION
		.... ..1.		WTRIM202	"X'02'" RESERVED
		1		WTRIM201	"X'01'" RESERVED
3451	(D7B)	X'7F'	0	WTRIMPM2	"FF-WTRIP" NO FSS SYNCH REQUIRED OPTION
3452	(D7C)	BITSTRING	3	WTRIMFLB(0)	FLAGS FOR PARAMS. W/EQUALS
3452	(D7C)	BITSTRING	1	WTRIMFL3	FLAG BYTE
		DEFINITION OF WTRIMFL3			
		1...		WTRIBEQ	"X'80'" BURST OPTION (BURST=Y/N)
		.1..		WTRICBEQ	"X'40'" CLEAR BUFFER OPTION (CB=)
		..1.		WTRICHEQ	"X'20'" CHARS OPTION
		...1		WTRICMEQ	"X'10'" COPYMOD OPTION (MODIFY=)
		.... 1...		WTRICPEQ	"X'08'" COPIES OPTION
		.... .1..		WTRICTEQ	"X'04'" CARRIAGE TAPE OPTION (FCB)
		.... ..1.		WTRIDEQ	"X'02'" DEST OPTION
		1		WTRIFEQ	"X'01'" FORMS OPTION
3452	(D7C)	X'FF'	0	WTRIMPM3	"FF" NO FSS SYNCH REQUIRED OPTIONS
3453	(D7D)	BITSTRING	1	WTRIMFL4	FLAG BYTE
		DEFINITION OF WTRIMFL4			
		1...		WTRIFLEQ	"X'80'" FLASH OPTION
		.1..		WTRIHEQ	"X'40'" HEADER OPTION
		..1.		WTRIJEQ	"X'20'" JOB EQUALS OPTION
		...1		WTRILEQ	"X'10'" LINE LIMIT OPTION
		.... 1...		WTRINVEQ	"X'08'" NAVAIL OPTION
		.... .1..		WTRIOTEQ	"X'04'" OUT OPTION
		.... ..1.		WTRIREQ	"X'02'" REPOSITION OPTION
		1		WTRISTEQ	"X'01'" STACKER OPTION
3453	(D7D)	X'FF'	0	WTRIMPM4	"FF" NO FSS SYNCH REQUIRED OPTIONS
3454	(D7E)	BITSTRING	1	WTRIMFL5	
		DEFINITION OF WTRIMFL5			
		1...		WTRISZEQ	"X'80'" SIZE OPTION
		.1..		WTRIWCEQ	"X'40'" WC OPTION
		..1.		WTRIWSEQ	"X'20'" WS OPTION
		...1		WTRIUEQ	"X'10'" UCS OPTION
		.... 1...		WTRIPMEQ	"X'08'" PROCESSING MODE OPTION
		.... .1..		WTRIROEQ	"X'04'" RUN OUT INTERVAL OPTION

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... ..1.		WTRIPGEQ	"X'02'" PAGE LIMIT OPTION #103
		1		WTRICKEQ	"X'01'" CHECKPOINT INTERVAL OPTION
3454	(D7E)	X'FB'	0	WTRIMPM5	"FF-WTRIROEQ" NO FSS SYNCH REQUIRED OPTIONS
3455	(D7F)	BITSTRING	1	WTRIMFL6	
		DEFINITION OF WTRIMFL6			
		1...		WTRIWSP	"X'80'" WS = P FOUND
		.1..		WTRIWSD	"X'40'" WS = D FOUND
		..1.		WTRIWST	"X'20'" WS = T FOUND
		...1		WTRIWSF	"X'10'" WS = F FOUND
		.... 1...		WTRIWSC	"X'08'" WS = C FOUND
		.... .1..		WTRIWSU	"X'04'" WS = U FOUND
		.... ..1.		WTRIWSL	"X'02'" WS = L FOUND
		1		WTRIWSCL	"X'01'" WS = CL FOUND
3455	(D7F)	X'FF'	0	WTRIMPM6	"FF" NO FSS SYNCH REQUIRED OPTIONS
3456	(D80)	BITSTRING	1	WTRIMFL7	
		DEFINITION OF WTRIMFL7			
		1...		WTRIWSFL	"X'80'" WS = FL FOUND
		.1..		WTRIWSCM	"X'40'" WS = CM FOUND
		..1.		WTRIWSST	"X'20'" WS = ST FOUND
		...1		WTRIWSPM	"X'10'" WS = PM FOUND
		.... 1...		WTRICEQ	"X'08'" COPYMARK OPTION
		.... .1..		WTRIM704	"X'04'" RESERVED
		.... ..1.		WTRIM702	"X'02'" RESERVED
		1		WTRIM701	"X'01'" RESERVED
3456	(D80)	X'FF'	0	WTRIMPM7	"FF" NO FSS SYNCH REQUIRED OPTIONS
3457	(D81)	BITSTRING	1	WTRIMFL8	RESERVED
3457	(D81)	X'FF'	0	WTRIMPM8	"FF" NO FSS SYNCH REQUIRED OPTIONS
		BEGINNING OF AREA DUMPED IN MESSAGE IAT7060 BY SPECIFYING THE D PARAMETER ON A X, S, R OR C COMMAND.			
3458	(D82)	BITSTRING	1	WTRIMFLP	FLAG BYTE
		DEFINITION OF WTRIMFLP			
		1...		WTRISTRT	"X'80'" COMMAND IS START
		.1..		WTRIRSTR	"X'40'" COMMAND IS RESTART
		..1.		WTRICNCL	"X'20'" COMMAND IS CANCEL
		...1		WTRICALL	"X'10'" COMMAND IS CALL
		.... 1...		WTRISYND	"X'08'" WTR SYNC HAS BEEN DONE
		.... .1..		WTRIJOBS	"X'04'" JOB SELECTED
		.... ..1.		WTRIDSS	"X'02'" DATA SET SELECTED
		1		WTRIMNT	"X'01'" MOUNT CONDITION
3459	(D83)	BITSTRING	1	WTRIFLG1	SAVE AREA FOR OSEDFLG1
3460	(D84)	BITSTRING	1	WTRIFLG2	FLAGS

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF WTRIFLG2			
		1...		WTRIOS	"X'80'" WTR WILL SELECT NEW OSE
		.1..		WTRISTUP	"X'40'" COMMAND IMPLEMENTATION IN #096 SETUP PROCESSING. #096
		..1.		WTRINNPR	"X'20'" NO NPRO VALUE SPECIFIED 3013
		...1		WTRIREOF	"X'10'" EOF ON REPOSITIONING FWD
		.... 1...		WTRISTER	"X'08'" SYNTAX ERROR DETECTED
		.... .1..		WTRIERIN	"X'04'" PARAMETER ERROR DETECTED
		.... ..1.		WTRINEGV	"X'02'" NOT ATTRIBUTE
		1		WTRIPFOK	"X'01'" WTRIPFOR HAS A VALID VALUE
3461	(D85)	BITSTRING	1	WTRIFLG3	FLAG BYTE
		DEFINITION OF WTRIFLG3			
		1...		WTRIDSBG	"X'80'" DATA STARTED
		.1..		WTRIDSDN	"X'40'" DATA COMPLETED
		..1.		WTRIPAGE	"X'20'" REPOSITION BY PAGES
		...1		WTRIDSLD	"X'10'" DATA SET LABEL EXIT CALLED
		.... 1...		WTRITRNC	"X'08'" SHORT OUTPUT REQUIRED
		.... .1..		WTRIRSCD	"X'04'" JOB RESCHEDULE REQUIRED
		.... ..1.		WTRIRJPE	"X'02'" TERMINATE BY RJP CANCEL
		1		WTRIKPJS	"X'01'" KEEP JOB START PPQ/PDQ
3462	(D86)	BITSTRING	1	WTRIFLG4	FLAG BYTE
		DEFINITION OF WTRIFLG4			
		1...		WTRIEND	"X'80'" TERMINATION FLAG
		.1..		WTRIHOT	"X'40'" HOT WRITER FLAG
		..1.		WTRIRSCH	"X'20'" JOB RESCHEDULE REQUIRED
		...1		WTRIDLE	"X'10'" HOT WRITER GOING IDLE
		.... 1...		WTRICHNG	"X'08'" OSE RESCHEDULE REQUIRED
		.... .1..		WTRINDSR	"X'04'" DATA SET RESCHEDULE REQUIRED
		.... ..1.		WTRICPPL	"X'02'" PLUS COPIES OPTION
		1		WTRICPMI	"X'01'" MINUS COPIES OPTION
3463	(D87)	BITSTRING	1	WTRIFLG5	FLAG BYTE
		DEFINITION OF WTRIFLG5			
		1...		WTRISREQ	"X'80'" SETUP REQUIRED
		.1..		WTRIJOB	"X'40'" JOB SELECTED FLAG
		..1.		WTRIDS	"X'20'" DATASET SELECTED FLAG
		...1		WTRIMANM	"X'10'" DYNAMIC MANUAL MODE
		.... 1...		WTRINONE	"X'08'" OPEN LABEL=NONE REQUIRED
		.... .1..		WTRIDSOP	"X'04'" DATA SET HAS BEEN OPENED
		.... ..1.		WTRIWMSG	"X'02'" WAIT MSG QUEUED
		1		WTRIVLOR	"X'01'" VOL LABEL OPEN REQUIRED
3464	(D88)	BITSTRING	1	WTRIFLG6	FLAG BYTE

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF WTRIFLG6			
		1...		WTRIJDSH	"X'80'" JDS HELD - RELEASE REQUIRED WHEN SETTING THIS BIT, 0712 ALSO STORE THE OWNING RSQ 0712 ADDRESS IN FIELD WTRWPRSQ 0712
		.1..		WTRIKDSI	"X'40'" KEEP DSISO DS, DO NOT PURGE
		..1.		WTRIPRAG	"X'20'" AGETMAIN ISSUED FOR PRMODE OPTION PARM BUFFER
		...1		WTRICCWB	"X'10'" CCW BUILT FOR IATXOSP
		.... 1...		WTRIPAGF	"X'08'" PAGE FOR IATODPX IS FIXED
		.... .1..		WTRIOSL	"X'04'" IATOSXX HAS BEEN LOADED
		.... ..1.		WTRIINL	"X'02'" INPUT MOD HAS BEEN LOADED
		1		WTRI7072	"X'01'" REQUEST MSG IAT7072 ISSUED
		DEFINITION OF WTRIFLG8			
3465	(D89)	BITSTRING	1	WTRIFLG8	Flag byte 8
		1...		WTRIOPNS	"X'80'" Open with LABEL=SETUP issued in IATOSWD
		.1..		WTRIOSEN	"X'40'" WTRIOSE has been changed during RELDS incomplete.
3466	(D8A)	BITSTRING	1	WTRINDX	RETURN INDEX FOR INPUT MSG
		DEFINITION OF WTRINDX			
3466	(D8A)	X'0'	0	WTRIJS	"0" JOB SELECT
3466	(D8A)	X'4'	0	WTRISU	"WTRIJS+4" DEVICE SETUP
3466	(D8A)	X'8'	0	WTRIVO	"WTRISU+4" VOLUME OPEN
3466	(D8A)	X'C'	0	WTRIRM	"WTRIVO+4" READY MESSAGE
3466	(D8A)	X'10'	0	WTRIDSO	"WTRIRM+4" DATA SET OPEN
3466	(D8A)	X'14'	0	WTRIDSR	"WTRIDSO+4" DATA SET REPOSITIONING
3466	(D8A)	X'18'	0	WTRIDL	"WTRIDSR+4" DEBLOCK LOOP
3466	(D8A)	X'1C'	0	WTRIEP	"WTRIDL+4" EOD PUT
3466	(D8A)	X'20'	0	WTRIPT	"WTRIEP+4" PUT TRUNCATE
3466	(D8A)	X'24'	0	WTRIPO	"WTRIPT+4" PUT OUTPUT
3466	(D8A)	X'28'	0	WTRIDSD	"WTRIPO+4" DATA SET DONE
3466	(D8A)	X'2C'	0	WTRIDSC	"WTRIDSD+4" DATA SET COMPLETE
3466	(D8A)	X'30'	0	WTRIGNO	"WTRIDSC+4" GET NEXT OSE
3466	(D8A)	X'34'	0	WTRITLC	"WTRIGNO+4" TRAILER LABEL CLOSE
		END OF AREA DUMPED BY SPECIFYING D ON THE X, S, R OR C COMMAND FOR NON-FSS MODE WRITERS. FOR WRITERS IN FSS MODE SEE WTRFFLG1.			
3467	(D8B)	BITSTRING	1	WTRIFLG7	FLAG BYTE
		DEFINITION OF WTRIFLG7			
		1...		WTRISMFT	"X'80'" DO NOT CLEAR SMF6WST (WTR START TIME)
		.1..		WTRISMFL	"X'40'" RESET SMF6 LINE AND PAGE COUNTS BECAUSE DATA SET END PPQ WAS RESCHEDULED

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		WTRFBUSY	"X'20'" FSS DRIVER (OSFD) HAS GIVEN CONTROL TO THE COMMAND PROCESSOR
3468	(D8C)	BITSTRING	1	WTRIRSFL	RESERVED FOR FLAG
3472	(D90)	SIGNED	4	WTRWPRSQ	Pointer to JDS-owning RQ
3476	(D94)	ADDRESS	4	WTRIJMRD	If non-zero, pointer to the OSE data set section used for IATXJMR
3480	(D98)	ADDRESS	4	WTRIJMRQ	Pointer to the JMR-owning RQ
3484	(D9C)	SIGNED	4	WTRIRSV2(2)	Reserved for development
3492	(DA4)	CHARACTER	8	WTRLOGNM	Job name for login message of restored PPQ entry
3500	(DAC)	CHARACTER	8	WTRLOGID	Job id for login message of restored PPQ entry
3508	(DB4)	SIGNED	4	WTRIREPO	REPOSITION COUNT FROM CKPNT
3512	(DB8)	SIGNED	4	WTRIRSV4	RESERVED FOR USER
					THE FOLLOWING WSP ADDRESS IS USED IN MODULE IATOSWP FOR IATXOSWS REQUESTS TO INSURE THE VALIDITY OF THE WRITER DRIVER WSP FOR NON CHANNEL ORIENTED OUTPUT DEVICES. (I.E. 3800)
3516	(DBC)	ADDRESS	4	WTRWSPAA	POINT TO WSP IN SECOND PAGE -- OF YWTR EXPANSION
3520	(DC0)	BITSTRING	1	WTRISYSE(0)	END OF AREA ZEROED DURING IATOSWD INITIALIZATION
3520	(DC0)	BITSTRING	1	WTRIZLEN(0)	L' IS SIZE TO ZERO
0	(0)	X'4'	0	WTRDQRTN	"4" CONS SERVICES QUEUE RETURN
0	(0)	X'8'	0	WTRDRRTN	"8" CONS SERVICES REJECT RETURN
3612	(E1C)	BITSTRING	16	WTRDRSVD	RESERVED FOR DEVELOPMENT
					IFASMFR 6 THIS LINE DELETED BY APAR OZ84504 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) IN JES2, THIS RECORD IS WRITTEN FOR EACH JOB OUTPUT ELEMENT, WHICH REPRESENTS A GROUP OF DS DIFFERENTIATED BY PUNCH OR PRINTER SETUP & TYPE OF OUTPUT(EG HELD VS NON-HELD). FOR JES3, WRITTEN FOR EACH COPY OF A DATA SET
3628	(E2C)	SIGNED	4	(0)	ALIGN TO FULL WORD BOUNDARY
3628	(E2C)	X'E2C'	0	SMFRCD6	"*" HEADER SEGMENT
3628	(E2C)	BITSTRING	2	SMF6LEN	RECORD LENGTH
3630	(E2E)	BITSTRING	2	SMF6SEG	SEGMENT DESCRIPTOR
3632	(E30)	BITSTRING	1	SMF6FLG	HEADER FLAG BYTE
3633	(E31)	BITSTRING	1	SMF6RTY	RECORD TYPE 6
3633	(E31)	X'6'	0	SMFJ6	"6" PRINT/PUNCH RECORD TYPE
3634	(E32)	BITSTRING	4	SMF6TME	TOD, USING FORMAT FROM TIME MACRO W/ BIN. INTVL
3638	(E36)		4	SMF6DTE	DATE IN PACKED DECIMAL FORM: 00YYDDDF
3642	(E3A)	CHARACTER	4	SMF6SID	SYSTEM IDENTIFICATION Y02901
3646	(E3E)	CHARACTER	8	SMF6JBN	JOB NAME
3654	(E46)	BITSTRING	4	SMF6RST	RDR START TIME, TIME JOB CARD 1ST READ
3658	(E4A)		4	SMF6RSD	READER START DATE 00YYDDDF
3662	(E4E)	CHARACTER	8	SMF6UIF	USER ID FIELD

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
3670	(E56)	CHARACTER	1	SMF6OWC	OUTPUT WTR CLASS, BLANK FOR NON-SYSOUT
3671	(E57)	BITSTRING	4	SMF6WST	WRITER START TIME
3675	(E5B)		4	SMF6WSD	WRITER START DATE
3679	(E5F)	BITSTRING	4	SMF6NLR	# OF LOGICAL RECORDS HANDLED BY WRITER PER FORM # PER CLASS, INCLUDES REPEATS AND RESTARTS.
3683	(E63)	BITSTRING	1	SMF6IOE	IO ERROR INDICATOR: BITS 0-4 RESERVED Y02120
		.... .1..		SMF6DIE	"X'04'" 5 - DATA INPUT ERROR 6 - RESV Y02120
		1		SMFCBIE	"X'01'" 7 - CONTROL BLOCK INPUT ERROR
3684	(E64)	BITSTRING	1	SMF6NDS	# OF DATA SETS PROCESSED BY THE OUTPUT Y02120 WRITER AND INCLUDED IN THIS RECORD. Y02120 (COUNT FOR EACH TIME A DS IS PRINTED) Y02120 DOES NOT INCLUDE RESTARTS.
3685	(E65)	CHARACTER	4	SMF6FMN	FORM NUMBER
3689	(E69)	BITSTRING	1	SMF6PAD1	STATUS INDICATORS - THE SECTIONS WILL BE IN THE ORDER LISTED BELOW WHEN THE BIT IS TURNED ON BIT MEANING
		1...		SMF6FEXT	"X'80'" 0 1 - FIRST EXTENSION PRESENT
		.1..		SMF6REXT	"X'40'" 1 1 - COMMON SECTION PRESENT
		..1.		SMF6SEXT	"X'20'" 2 1 - SECOND EXTENSION PRESENT
		...1		SMF6ESS1	"X'10'" 3 1 - ENHANCED SYSOUT SECTION PRESENT
		.... 1...		SMF6FTFR	"X'08'" 4 1 - FILE TRANSFER SECTION PRESENT 5-7 RESERVED
3690	(E6A)	BITSTRING	2	SMF6SBS	SUBSYSTEM GENERATING ID EXTWTR=0, JES2=2, JES3=5, PSF=7, IP PrintWay = 9
3692	(E6C)	BITSTRING	2	SMF6LN1	LENGTH OF SECTION INCLUDING THIS FIELD
3694	(E6E)	BITSTRING	1	SMF6DCI	DS CONTROL INDICATORS FOR DATA GROUP
		1...		SMF6DCRV	"X'80'" 0 - RESERVED
		.1..		SMF6SDS	"X'40'" 1 - SPUN OFF DS
		..1.		SMF6OCN	"X'20'" 2 - TERMINATED BY OPERATOR
		...1		SMF6ORD	"X'10'" 3 - INTERRUPTED BY OPERATOR (JES2) OPERATOR RESTARTED DATA SET WITH DESTINATION (JES3)
		.... 1...		SMF6OR	"X'08'" 4 - RESTARTED BY OPERATOR
		.... .1..		SMF6ROR	"X'04'" 5 - CONT OF INTERRUPTED GROUP (JES2) RECEIVED OP RESTARTED DS(JES3)
		.... ..1.		SMF6OSS	"X'02'" 6 - CARRIAGE OVERRIDEN BY OPER(JES2) OPERATOR STARTED WITH SINGLE SPACE(JES3)
		1		SMF6INT	"X'01'" 7 - PUNCH WAS INTERPRETED
3695	(E6F)	BITSTRING	1	SMF6INDC	INDICATOR BITS BITS 0-3 ARE RESERVED FOR FUTURE EXPANSION OF DATASET CONTROL INDICATORS BITS 4-7 ARE RECORD LEVEL INDICATORS IN BIT VALUE FORMAT. EXAMPLE: LEVEL 1=X'01' LEVEL 12=X'0C' LEVEL 15=X'0F' THIS NUMBER WILL BE INCREMENTED BY 1 EACH TIME A NEW RELEASE CHANGES THE RECORD
		1		SMF6LEV2	"X'01'" THIS VARIABLE IS FOR JES2 TO SET THE LEVEL INDICATOR BITS.

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		11		SMF6J2L3	"X'03'" THIS VARIABLE IS FOR JES2 TO SET THE LEVEL INDICATOR BITS.
		.... .1..		SMF6J2L4	"X'04'" THIS VARIABLE IS FOR JES2 TO SET THE LEVEL INDICATOR BITS FOR SECURITY SUPPORT
		1		SMF6LEV3	"X'01'" THIS VARIABLE IS FOR JES3 TO SET THE LEVEL INDICATOR BITS.
		11		SMF6J3L3	"X'03'" THIS VARIABLE IS FOR JES3 TO SET THE LEVEL INDICATOR BITS.
		.... .1..		SMF6J3L4	"X'04'" THIS VARIABLE IS FOR JES3 TO SET THE LEVEL INDICATOR BITS FOR SECURITY SUPPORT INDICATOR BITS.
		.... .1.1		SMF6LEV4	"X'05'" MVS/JES2 RELEASE 4.1.0
		.... .11.		SMF6LEV6	"X'06'" PSF/MVS RELEASE 3.1.0
		.... .111		SMF6LEV7	"X'07'" Z/OS RELEASE V1R5
3696	(E70)	CHARACTER	4	SMF6JNM	WHEN SMF6INDC CONTAINS A X'1', THIS FIELD CONTAINS A FOUR-DIGIT EBCDIC JOB NUMBER. WHEN SMF6INDC CONTAINS A X'3' OR GREATER, AND THE JOB NUMBER HAS MORE THAN 4 DIGITS, THIS FIELD CONTAINS ZEROS. IF THE JOB NUMBER IS < OR = TO 9999, THIS FIELD CONTAINS THE JOB NUMBER. FOR AN APPC TRANSACTION, THIS FIELD CONTAINS ZEROES. THE CORRECT JOB NUMBER OR APPC TRANSACTION ID IS FOUND IN SMF6JBID.
3700	(E74)	CHARACTER	8	SMF6OUT	LOGICAL OUTPUT DEVICE NAME FOR THE 3820, ACF/VTAM LOGICAL UNIT NAME
3708	(E7C)	CHARACTER	4	SMF6FCB	FCB ID Y02120
3712	(E80)	CHARACTER	4	SMF6UCS	UCS ID Y02120 END OF RECORD FOR EXTERNAL WTR
3716	(E84)	BITSTRING	4	SMF6PGE	APPROXIMATE PHYSICAL PAGE COUNT
3716	(E84)	X'E88'	0	SMF6J2S	"*" BEGIN JES2 ONLY SECTION
3720	(E88)	BITSTRING	2	SMF6RTE	OUTPUT ROUTE CODE OR ZERO
3722	(E8A)	BITSTRING	1	SMF6END2(0)	END OF JES2 RECORD
3722	(E8A)	BITSTRING	0	SMF6SIZ2(0)	SIZE OF JES2 SMF6 RECORD EXCLUDING OPTIONAL EXTENSIONS
3722	(E8A)	BITSTRING	0	SMF6SIZ3(0)	SIZE OF JES2 SMF6 RECORD FROM SMF6LN1 TO HERE
3720	(E88)	X'E88'	0	SMF6J3S	"*" BEGIN JES3 ONLY SECTION
3720	(E88)	BITSTRING	2	SMF6DFE	DATA FORMAT ERROR INDICATORS BITS 0-5 RESV
		.... ..1.		SMF6CCE	"X'02'" 6 - SOME 1ST CHAR CONTROL DATA BAD, DEFAULT USED
		1		SMF6RBE	"X'01'" 7 - BAD RECORD LENGTH(TRUNCATE OR PAD) 8-15 RESV
3722	(E8A)	BITSTRING	2	SMF6OPR	OUTPUT PRIORITY
3724	(E8C)	CHARACTER	8	SMF6GRP	LOGICAL OUTPUT DEVICE GROUP NAME
3732	(E94)	CHARACTER	8	SMF6RSVJ	RESERVED FOR JES3
3740	(E9C)	CHARACTER	4	SMF6RSVU	RESERVED FOR USER
3744	(EA0)	BITSTRING	1	SMF6END(0)	END OF JES3 RECORD
3744	(EA0)	BITSTRING	0	SMF6SIZ(0)	SIZE OF JES3 SMF6 RECORD EXCLUDING OPTIONAL EXTENSIONS
3744	(EA0)	BITSTRING	1	SMF6LSIZ(0)	SIZE OF JES3 SMF6 RECORD FROM SMF6LN1 TO HERE

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		FIRST EXTENSION - NON-IMPACT PRINTING SUBSYSTEM SECTION THIS SECTION WILL ONLY BE PRESENT WHEN SMF6SBS IS SET TO 2, 5 OR 7 INDICATING THAT JES2, JES3 OR PSF HAS GENERATED THIS RECORD			
3692	(E6C)	BITSTRING	2	SMF6LN2	LENGTH FIRST EXTENSION INCLUDING THIS FLD
3694	(E6E)	CHARACTER	1	SMF6CPS(8)	COPIES DISTRIBUTION
3702	(E76)	CHARACTER	4	SMF6CHR(4)	TRANSLATE TABLE NAMES FRO CHARS PARM
3718	(E86)	CHARACTER	4	SMF6MID	COPY MODIFICATION MODULE NAME
3722	(E8A)	CHARACTER	4	SMF6FLI	FLASH OVERLAY NAME
3726	(E8E)	BITSTRING	1	SMF6FLC	NUMBER OF COPIES FLASHED
3727	(E8F)	BITSTRING	1	SMF6BID	FLAG BYTE
		1...		SMF6BTS	"X'80'" THE BTSS WAS USED FOR OUTPUT
		.1..		SMF6OPJ	"X'40'" OPTCD=J WAS USED FOR OUTPUT
		..1.		SMF6CSP	"X'20'" CUT SHEET PRINTER
3728	(E90)	BITSTRING	1	SMF6FEND(0)	END OF FIRST EXTENSION
3728	(E90)	BITSTRING	1	SMF6FSIZ(0)	SIZE OF FIRST EXTENSION
		COMMON SECTION - THIS SECTION IS AN EXTENSION OF THE FIXED HEADER SECTION AND WILL BE WRITTEN BY ALL GENERATORS OF THE TYPE 6 RECORD. THIS WAS PREVIOUSLY CALLED THE ROUTING SECTION.			
3692	(E6C)	BITSTRING	2	SMF6LN3	LENGTH OF SECTION INCLUDING THIS FIELD
3694	(E6E)	CHARACTER	4	SMF6ROUT	OUTPUT ROUTE CODE
3698	(E72)	CHARACTER	8	SMF6EFMN	OUTPUT FORM NUMBER
3706	(E7A)	BITSTRING	1	SMF6REND(0)	END OF OLD ROUTING SECTION
3706	(E7A)	BITSTRING	0	SMF6RSIZ(0)	SIZE OF OLD ROUTING SECTION
3706	(E7A)	CHARACTER	16		RESERVED
3722	(E8A)	CHARACTER	8	SMF6JBID	JOB ID
3730	(E92)	CHARACTER	8	SMF6STNM	STEPNAME
3738	(E9A)	CHARACTER	8	SMF6PRNM	PROCEDURE STEP NAME
3746	(EA2)	CHARACTER	8	SMF6DDNM	DD NAME
3754	(EAA)	CHARACTER	8	SMF6USID	USER ID
3762	(EB2)	CHARACTER	8	SMF6SECS	SECURITY LABEL (SECLABEL)
3770	(EBA)	CHARACTER	8	SMF6PRMD	PROCESSING MODE
3778	(EC2)	CHARACTER	53	SMF6DSNM	DATA SET RESOURCE NAME
3831	(EF7)	CHARACTER	3		RESERVED
3834	(EFA)	CHARACTER	20	SMF6OTOK	OUTPUT GROUP TOKEN
3854	(F0E)	BITSTRING	1	SMF6DEND(0)	END OF ROUTING SECTION
3854	(F0E)	BITSTRING	1	SMF6DSIZ(0)	SIZE OF ROUTING SECTION
		ENHANCED SYSOUT SECTION			
3692	(E6C)	BITSTRING	2	SMF6LN5	LENGTH ENHANCED SYSOUT SECTION INCLUDING THIS FIELD
3694	(E6E)	BITSTRING	4	SMF6SGID	SEGMENT IDENTIFIER
3698	(E72)	BITSTRING	1	SMF6IND	SECTION INDICATOR
		1...		SMF6SJF	"X'80'" ERROR OBTAINING SWBTU - SWBTU DATA AREA NOT PRESENT

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
3699	(E73)	BITSTRING	1	SMF6RSV	RESERVED
3700	(E74)	CHARACTER	8	SMF6JDVT	JDVTNAME
3708	(E7C)	BITSTRING	2	SMF6TUL	SWBTU DATA AREA LENGTH
3710	(E7E)	CHARACTER	1	SMF6TU(0)	SWBTU DATA AREA - DATA AREA CAN BE PROCESSED USING SWBTUREQ MACRO
3710	(E7E)	BITSTRING	1	SMF6EEND(0)	END OF ENHANCED SYSOUT SECTION
3710	(E7E)	BITSTRING	1	SMF6ESIZ(0)	SIZE OF ENHANCED SYSOUT SEC. MOVED SMF6LN4 TO AOPSMF6 2 MOVED SMF6BNLN TO AOPSMF6 2 MOVED SMF6BNNO TO AOPSMF6 4 MOVED SMF6LN6 TO AOPSMF6 11

```
    METHOD OF ACCESS
    PLAS: %INCLUDE SYSLIB(AOPSMF6)
    ASSEMBLER: AOPSMF6
  NOTES:
             PL/AS - INCLUDED BY IFASMFR
             BAL - CALLED FROM IFASMFR
  THIS IS AN SMF MACRO WHICH CONTROLS THE BUILDING OF PORTIONS OF
  THE SMF TYPE 6 RECORD. THE SECTIONS ARE:
     SECOND EXTENSION - APA SECTION - WRITTEN BY PSF (SMF6SBS=7)
     MULTI-BINS HEADER SECTION - WRITTEN BY PSF (SMF6SBS=7)
     MULTI-BINS COUNTER SECTION - WRITTEN BY PSF (SMF6SBS=7)
     FILE TRANSFER SECTION - WRITTEN BY IP PRINTWAY (SMF6SBS=9)
     SECOND EXTENSION - APA (ALL POINTS ADDRESSABLE) PRINTING
                   SUBSYSTEM SECTION
                   THIS SECTION WILL ONLY BE PRESENT WHEN
                   SMF6SBS IS SET TO 7 INDICATING THAT
                   PSF HAS GENERATED THIS RECORD
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Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
3692	(E6C)	BITSTRING	2	SMF6LN4	LENGTH SECOND EXTENSION INCLUDING THIS FLD
3694	(E6E)	BITSTRING	2	SMF6BNOF	OFFSET TO BIN SECTION
3694	(E6E)	BITSTRING	2	SMF6RES	RESERVED - REDEFINES SMF6BNOF
3696	(E70)	BITSTRING	4	SMF6FONT	NUMBER OF FONTS USED
3700	(E74)	BITSTRING	4	SMF6LFNT	NUMBER OF FONTS LOADED
3704	(E78)	BITSTRING	4	SMF6OVLY	NUMBER OF OVERLAYS USED
3708	(E7C)	BITSTRING	4	SMF6LOLY	NUMBER OF OVERLAYS LOADED
3712	(E80)	BITSTRING	4	SMF6PGSG	NUMBER OF PAGE SEGMENTS USED
3716	(E84)	BITSTRING	4	SMF6LPSG	NUMBER OF PAGE SEGMENTS LOADED
3720	(E88)	BITSTRING	4	SMF6IMPS	COUNT OF LOGICAL IMPRESSIONS PROCESSED
3724	(E8C)	BITSTRING	4	SMF6FEET	NUMBER OF FEET OF DOCUMENT PRINTED (ZERO FOR THE 3820)
3728	(E90)	BITSTRING	4	SMF6PGDF	NUMBER OF PAGEDEFS USED
3732	(E94)	BITSTRING	4	SMF6FMDF	NUMBER OF FORMDEFS USED
3736	(E98)	BITSTRING	1	SMF6BIN	FLAG BYTE
		1...		SMF6BIN1	"X'80'" BIN1 WAS USED FOR ANY PART OF THE DATA SET
		.1..		SMF6BIN2	"X'40'" BIN2 WAS USED FOR ANY PART OF THE DATA SET
		..1.		SMF6BIN3	"X'20'" BIN3 WAS USED FOR ANY PART OF THE DATA SET
		...1		SMF6BIN4	"X'10'" BIN4 WAS USED FOR ANY PART OF THE DATA SET
3737	(E99)	BITSTRING	1	SMF6PGOP	FLAG BYTE
		1...		SMF6DUPS	"X'80'" STNDARD DUPLEX WAS USED FOR ANY PART OF DS
		.1..		SMF6DUPT	"X'40'" TUMBLE DUPLEX WAS USED FOR ANY PART OF DS

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		SMF6SYSA	"X'20'" KEYWORD SYSAREA=Y
		...1		SMF6DPGL	"X'10'" KEYWORD DPAGELBL=Y
		.... 1...		SMF6SUCC	"X'08'" PRINT OPERATION WAS SUCCESSFUL
		.... .1..		SMF6SPGL	"X'04'" KEYWORD SPAGELBL=Y
		.... ..1.		SMF6SOER	"X'02'" ERROR OCCURRED PROCESSING SECURITY OVERLAY
		1		SMF6IGER	"X'01'" IMAGE GENERATOR OVERRUN ERROR OCCURRED
3738	(E9A)	BITSTRING	1	SMF6FLG3	FLAG BYTE
		1...		SMF6SLIG	"X'80'" SECURITY LABEL INTEGRITY GUARANTEED
		.1..		SMF6JHPP	"X'40'" THE JOB HEADER PAGE WAS PRINTED
		..1.		SMF6JTPP	"X'20'" THE JOB TRAILER PAGE WAS PRINTED
		...1		SMF6DPLS	"X'10'" DATA PAGE LABELING WAS SUPPRESSED
		.... 1...		SMF6UPAS	"X'08'" USER PRINTABLE AREA WAS SUPPRESSED
3739	(E9B)	BITSTRING	1	SMF6APAL	LEVEL INDICATOR FOR APA SECTION
		1		SMF6APA1	"X'01'" INITIAL LEVEL OF APA SECTION
3740	(E9C)	BITSTRING	4	SMF6NSOL	NUMBER OF SECURITY OVERLAYS USED
3744	(EA0)	BITSTRING	4	SMF6NSFO	NUMBER OF SECURITY FONTS USED
3748	(EA4)	BITSTRING	4	SMF6NSPS	NUMBER OF SECURITY PAGE SEGMENTS USED
3752	(EA8)	CHARACTER	8	SMF6FDNM	FORMDEF NAME
3760	(EB0)	CHARACTER	8	SMF6PDNM	PAGEDEF NAME
3768	(EB8)	CHARACTER	8	SMF6PTDV	PRINTDEV NAME
3776	(EC0)	CHARACTER	32	SMF6OCNM	OBJECT CONTAINER NAME(S)
3776	(EC0)	CHARACTER	8	SMF6SETU	COMSETUP OBJECT CONTAINER NAME
3784	(EC8)	CHARACTER	8		RESERVED OBJECT CONTAINER NAME
3792	(ED0)	CHARACTER	8		RESERVED OBJECT CONTAINER NAME
3800	(ED8)	CHARACTER	8		RESERVED OBJECT CONTAINER NAME
3808	(EE0)	BITSTRING	4	SMF6LPGE	Count of logical pages processed
3812	(EE4)	BITSTRING	1	SMF6SEND(0)	END OF SECOND EXTENSION
3812	(EE4)	BITSTRING	1	SMF6SSIZ(0)	SIZE OF SECOND EXTENSION
				MULTI-BINS HEADER SECTION (OFFSET DEFINED BY SMF6BNOF)	
3628	(E2C)	BITSTRING	2	SMF6BNLN	LENGTH BINS SECTION INCLUDING THIS FLD
3630	(E2E)	BITSTRING	2	SMF6BNUM	NUMBER OF COUNTERS ENTRIES
				MULTI-BINS COUNTER SECTION - FOLLOWS "MULTI-BIN" HEADER SECTION	
3628	(E2C)	BITSTRING	1	SMF6BNNO	BIN NUMBER
3629	(E2D)	BITSTRING	3	SMF6BNCT	BIN COUNTER
3632	(E30)	BITSTRING	2	SMF6BNLE	Paper length in millimeters
3634	(E32)	BITSTRING	2	SMF6BNWI	Paper width in millimeters

Table 144. Structure IATODWD (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		FILE TRANSFER SECTION			
3692	(E6C)	BITSTRING	2	SMF6LN6	LENGTH OF FILE TRANSFER SECTION INCLUDING THIS FIELD
3694	(E6E)	BITSTRING	4	SMF6BYTE	TOTAL NUMBER OF BYTES SENT
3698	(E72)	BITSTRING	1	SMF6IP1	1ST SEGMENT OF TARGET ADDRESS
3699	(E73)	BITSTRING	1	SMF6IP2	2ND SEGMENT OF TARGET ADDRESS
3700	(E74)	BITSTRING	1	SMF6IP3	3RD SEGMENT OF TARGET ADDRESS
3701	(E75)	BITSTRING	1	SMF6IP4	4TH SEGMENT OF TARGET ADDRESS
3702	(E76)	BITSTRING	1	SMF6FTL	LEVEL INDICATOR FOR FILE TRANSFER SECTION
		1		SMF6FTL1	"X'01'" Z/OS V1R5
3703	(E77)	CHARACTER	9		RESERVED
3712	(E80)	BITSTRING	2	SMF6URIL	Length of Host URI
3714	(E82)	BITSTRING	2	SMF6PQLN	Length of Print Queue Name
3716	(E84)	CHARACTER	24	SMF6PRTQ	Print Queue Name
3740	(E9C)	CHARACTER	1	SMF6URI(0)	Target Device URI
3740	(E9C)	BITSTRING	1	SMF6TEND(0)	END OF FILE TRANSFER SECTION
3740	(E9C)	BITSTRING	1	SMF6TSIZ(0)	SIZE OF FILE TRANSFER SECTION
		THIS LINE DELETED BY APAR OZ84504			
3628	(E2C)	BITSTRING	116	WTR06BSP	ALLOCATE SPACE - SMF6 BASE
3744	(EA0)	BITSTRING	216	WTR06XSP	ALLOW SPACE FOR SMF6 EXTENTIONS 0371 0371 0371
3960	(F78)	BITSTRING	1	WTR06TOT(0)	REC.SIZE.
		THIS LINE DELETED BY APAR OY45626 DATA ADDRESSABLE VIA PRIOR ADDRESS CONSTANTS			
4096	(1000)	SIGNED	4	WTRSTRT2(0)	
		THE FOLLOWING WSP IS USED IN MODULE IATOSWP FOR IATXOSWS REQUESTS TO INSURE THE VALIDITY OF THE WRITER DRIVER WSP FOR NON CHANNEL ORIENTED OUTPUT DEVICES. (I.E. 3800) POINTED TO BY WTRWSPAA.			
4096	(1000)	SIGNED	4	(0)	Alignment for the WSP
4096	(1000)	BITSTRING	0	WTRPWSPA(0)	
4096	(1000)	BITSTRING	1	(0)	
4456	(1168)	BITSTRING	1	(0)	
		END OF DATA CSECT			

Table 145. Cross Reference for IATYWTR1

Name	Offset	Hex Tag
IATODWD	0	
IATXOSCI	4D8	
IATXOSCO	4C8	
IATXOSG	4D4	
IATXOSOI	4D0	
IATXOSOO	4C0	

Table 145. Cross Reference for IATYWTR1 (continued)

Name	Offset	Hex Tag
IATXOSP	4C4	
M00M0056	0	280
SMFCBIE	E63	1
SMFJ6	E31	6
SMFRCD6	E2C	E2C
SMF6APAL	E9B	
SMF6APA1	E9B	1
SMF6BID	E8F	
SMF6BIN	E98	
SMF6BIN1	E98	80
SMF6BIN2	E98	40
SMF6BIN3	E98	20
SMF6BIN4	E98	10
SMF6BNCT	E2D	
SMF6BNLE	E30	
SMF6BNLN	E2C	
SMF6BNNO	E2C	
SMF6BNOF	E6E	
SMF6BNUM	E2E	
SMF6BNWI	E32	
SMF6BTS	E8F	80
SMF6BYTE	E6E	
SMF6CCE	E88	2
SMF6CHR	E76	
SMF6CPS	E6E	
SMF6CSP	E8F	20
SMF6DCI	E6E	
SMF6DCRV	E6E	80
SMF6DDNM	EA2	
SMF6DEND	F0E	
SMF6DFE	E88	
SMF6DIE	E63	4
SMF6DPGL	E99	10
SMF6DPLS	E9A	10
SMF6DSIZ	F0E	
SMF6DSNM	EC2	
SMF6DTE	E36	C
SMF6DUPS	E99	80
SMF6DUPT	E99	40
SMF6EEND	E7E	
SMF6EFMN	E72	
SMF6END	EA0	
SMF6END2	E8A	
SMF6ESIZ	E7E	
SMF6ESS1	E69	10
SMF6FCB	E7C	

Table 145. Cross Reference for IATYWTR1 (continued)

Name	Offset	Hex Tag
SMF6FDNM	EA8	
SMF6FEET	E8C	
SMF6FEND	E90	
SMF6FEXT	E69	80
SMF6FLC	E8E	
SMF6FLG	E30	0
SMF6FLG3	E9A	
SMF6FLI	E8A	
SMF6FMDF	E94	
SMF6FMN	E65	40404040
SMF6FONT	E70	
SMF6FSIZ	E90	
SMF6FTFR	E69	8
SMF6FTL	E76	
SMF6FTL1	E76	1
SMF6GRP	E8C	
SMF6IGER	E99	1
SMF6IMPS	E88	
SMF6IND	E72	
SMF6INDC	E6F	
SMF6INT	E6E	1
SMF6IOE	E63	0
SMF6IP1	E72	
SMF6IP2	E73	
SMF6IP3	E74	
SMF6IP4	E75	
SMF6JBID	E8A	
SMF6JBN	E3E	40404040
SMF6JDVT	E74	
SMF6JHPP	E9A	40
SMF6JNM	E70	
SMF6JTPP	E9A	20
SMF6J2L3	E6F	3
SMF6J2L4	E6F	4
SMF6J2S	E84	E88
SMF6J3L3	E6F	3
SMF6J3L4	E6F	4
SMF6J3S	E88	E88
SMF6LEN	E2C	
SMF6LEV2	E6F	1
SMF6LEV3	E6F	1
SMF6LEV4	E6F	5
SMF6LEV6	E6F	6
SMF6LEV7	E6F	7
SMF6LFNT	E74	
SMF6LN1	E6C	

Table 145. Cross Reference for IATYWTR1 (continued)

Name	Offset	Hex Tag
SMF6LN2	E6C	
SMF6LN3	E6C	
SMF6LN4	E6C	
SMF6LN5	E6C	
SMF6LN6	E6C	
SMF6LOLY	E7C	
SMF6LPGE	EE0	
SMF6LPSG	E84	
SMF6LSIZ	EA0	
SMF6MID	E86	
SMF6NDS	E64	0
SMF6NLR	E5F	0
SMF6NSFO	EA0	
SMF6NSOL	E9C	
SMF6NSPS	EA4	
SMF6OCN	E6E	20
SMF6OCNM	EC0	
SMF6OPJ	E8F	40
SMF6OPR	E8A	
SMF6OR	E6E	8
SMF6ORD	E6E	10
SMF6OSS	E6E	2
SMF6OTOK	EFA	
SMF6OUT	E74	
SMF6OVLY	E78	
SMF6OWC	E56	40
SMF6PAD1	E69	0
SMF6PDNM	EB0	
SMF6PGDF	E90	
SMF6PGE	E84	
SMF6PGOP	E99	
SMF6PGSG	E80	
SMF6PQLN	E82	
SMF6PRMD	EBA	
SMF6PRNM	E9A	
SMF6PRTQ	E84	
SMF6PTDV	EB8	
SMF6RBE	E88	1
SMF6REND	E7A	
SMF6RES	E6E	
SMF6REXT	E69	40
SMF6ROR	E6E	4
SMF6ROUT	E6E	
SMF6RSD	E4A	C
SMF6RSIZ	E7A	
SMF6RST	E46	0

Table 145. Cross Reference for IATYWTR1 (continued)

Name	Offset	Hex Tag
SMF6RSV	E73	
SMF6RSVJ	E94	
SMF6RSVU	E9C	
SMF6RTE	E88	
SMF6RTY	E31	0
SMF6SBS	E6A	
SMF6SDS	E6E	40
SMF6SECS	EB2	
SMF6SEG	E2E	
SMF6SEND	EE4	
SMF6SETU	EC0	
SMF6SEXT	E69	20
SMF6SGID	E6E	
SMF6SID	E3A	40404040
SMF6SIZ	EA0	
SMF6SIZ2	E8A	
SMF6SIZ3	E8A	
SMF6SJF	E72	80
SMF6SLIG	E9A	80
SMF6SOER	E99	2
SMF6SPGL	E99	4
SMF6SSIZ	EE4	
SMF6STNM	E92	
SMF6SUCC	E99	8
SMF6SYSA	E99	20
SMF6TEND	E9C	
SMF6TME	E32	0
SMF6TSIZ	E9C	
SMF6TU	E7E	
SMF6TUL	E7C	
SMF6UCS	E80	
SMF6UIF	E4E	40404040
SMF6UPAS	E9A	8
SMF6URI	E9C	
SMF6URIL	E80	
SMF6USID	EAA	
SMF6WSD	E5B	C
SMF6WST	E57	0
WSPACONS	844	0
WSPAECF	6EC	
WSPARQ	8A8	
WSPASUP	8A4	
WSPBCMPL	7CE	8
WSPBDTRQ	70A	40
WSPBHLDC	745	10
WSPBHOLD	7CD	40

Table 145. Cross Reference for IATYWTR1 (continued)

Name	Offset	Hex Tag
WSPBLBDT	745	40
WSPBLTCP	745	80
WSPBOTH	89C	10
WSPBUFNC	73C	0
WSPBUFN4	7AC	0
WSPCARR	8F4	14
WSPCCNTL	740	40
WSPCDE	7DC	0
WSPCDEST	72F	80
WSPCHAIN	6E8	
WSPCHNGE	6F3	4
WSPCKJBC	72A	0
WSPCKJBI	7A4	
WSPCKPRQ	6F3	1
WSPCKPT	6F3	80
WSPCLAS	8F4	20
WSPCLNUP	72F	10
WSPCLSN	90F	0
WSPCLSRT	7D0	18
WSPCLSS	910	40404040
WSPCMPL	6F3	40
WSPCPMOD	8F4	28
WSPCRJOB	824	
WSPCSBT	7CE	40
WSPCTRL1	7CD	10
WSPCTRL2	7CD	8
WSPCVER	82B	1
WSPDEL	6F2	10
WSPDEST	8F4	8
WSPDFDST	72E	20
WSPDFLNE	90A	40
WSPDM206	90B	80
WSPDSHLD	7CE	20
WSPDSPTY	90A	80
WSPDSRST	7CE	10
WSPDSTSK	7CF	20
WSPDUMPT	90E	80
WSPEND	934	
WSPENF58	72E	4
WSPERCVL	7C8	16
WSPERCVW	7C8	7B4
WSPEXTS	89C	80
WSPFAILD	6F3	2
WSPFCBID	818	40404040
WSPFDB	8AC	0
WSPFDBS	8AC	

Table 145. Cross Reference for IATYWTR1 (continued)

Name	Offset	Hex Tag
WSPFDBSV	70C	
WSPFDBT	6F4	0
WSPFDBTB	7B0	0
WSPFFDBV	741	0
WSPFIRRQ	6F2	10
WSPFLAG	6F2	0
WSPFLASH	8F4	24
WSPFLGS	89C	0
WSPFLG1	6F3	0
WSPFLG10	90E	0
WSPFLG11	745	0
WSPFLG2	90A	0
WSPFLG3	90B	0
WSPFLG4	7CD	0
WSPFLG5	7CE	0
WSPFLG6	7CF	0
WSPFLG7	72F	0
WSPFLG8	70A	0
WSPFLG9	72E	0
WSPFL708	72F	8
WSPFORM	8F4	10
WSPFRSDD	90C	0
WSPF1101	745	1
WSPF1102	745	2
WSPF1104	745	4
WSPF1108	745	8
WSPGET	6F2	2
WSPGETRL	90A	8
WSPGJNAM	90E	20
WSPGLOB1	7CF	2
WSPGTMND	7CF	80
WSPHWCNT	6F1	0
WSPHWLK	90B	4
WSPHWWQP	70A	2
WSPHWWSP	8C8	
WSPIBDCI	82A	1
WSPID	798	40404040
WSPIDENT	82A	
WSPIDJOT	82A	2
WSPIDMJA	82A	3
WSPIGR70	82A	17
WSPIIQOS	82A	4
WSPIMOCP	82A	5
WSPIMOOS	82A	6
WSPINTCP	745	20
WSPINTNR	82A	7

Table 145. Cross Reference for IATYWTR1 (continued)

Name	Offset	Hex Tag
WSPINTRS	82A	8
WSPIOSB1	82A	9
WSPIOSB2	82A	A
WSPIOSB3	82A	B
WSPIOSD1	82A	C
WSPIOSD2	82A	D
WSPIOSF1	82A	E
WSPIOSF2	82A	F
WSPIOSR2	82A	18
WSPIOSSD	82A	10
WSPIOSSO	82A	11
WSPIOSTC	82A	16
WSPIOSW1	82A	12
WSPIOSW2	82A	13
WSPIP	89C	20
WSPIPURG	82A	14
WSPISIOP	82A	15
WSPJBFND	70A	4
WSPJDS	704	0
WSPJOBCM	7D0	C
WSPJOBID	6EA	6EA
WSPJOBRP	72F	4
WSPLEN	702	
WSPLINE	8F4	1C
WSPLTOS	7CD	4
WSPLTSNO	7CE	2
WSPLTTCP	72F	2
WSPLTTNO	72F	1
WSPMASK	6F0	0
WSPMLREQ	7CE	4
WSPNDOPT	72E	8
WSPNJE	7CF	4
WSPNJERC	8C4	
WSPNJERD	70A	10
WSPNJERT	70A	20
WSPNOSAF	7CF	40
WSPNULL	8F4	0
WSPOCHN	87C	0
WSPOCNT4	888	0
WSPOFFST	73E	0
WSPOFST	908	0
WSPOKRET	6F2	8
WSPOSA	7D8	0
WSPOSE	8BC	
WSPOSEB4	8B8	0
WSPOSEID	7C4	D6E2C540

Table 145. Cross Reference for IATYWTR1 (continued)

Name	Offset	Hex Tag
WSPOSELK	6F2	80
WSPOSEOF	7C8	0
WSPOSERD	7D0	0
WSPOSERL	7D0	4
WSPOSEWR	7D0	8
WSPOSPC	70B	0
WSPOSPND	90B	2
WSPOSS	8C0	
WSPOSSWB	894	0
WSPOSTJC	6F4	
WSPOSTJI	7A8	
WSPOUTBN	8C8	0
WSPPAGE	8A0	0
WSPPBSKP	72F	20
WSPPECF	7D1	0
WSPPEND	6F3	8
WSPPENSA	7E0	0
WSPPGREL	90A	1
WSPPMODE	8F4	30
WSPPOSTD	6F3	20
WSPPRTY	8F4	4
WSPPSCPT	738	0
WSPPSDRT	82C	
WSPPSOSC	7CF	10
WSPPSOTM	81C	0
WSPPTYPF	90A	20
WSPPTYSV	906	0
WSPPUT	6F2	4
WSPQCHG	72E	40
WSPRCAWR	70B	7
WSPRCCL	70B	0
WSPRCDAC	70B	4
WSPRCDAT	70B	8
WSPRCDMP	70B	FF
WSPRCERR	7CD	80
WSPRCINV	70B	6
WSPRCJOB	70B	1
WSPRCOUT	70B	5
WSPRCPSO	70B	2
WSPRCRQ	70B	3
WSPRECRD	6E8	6E8
WSPREL	6F2	8
WSPRESQ	7D4	
WSPRQACC	70A	80
WSPRQADR	840	
WSPRQCMP	6F2	1

Table 145. Cross Reference for IATYWTR1 (continued)

Name	Offset	Hex Tag
WSPRQFDB	7B4	0
WSPRQINV	7CD	1
WSPRQPRM	70A	8
WSPRQRQD	90A	10
WSPRQWS	90B	8
WSPRSTD	90A	2
WSPRSTG	90A	4
WSPRSVDV	746	
WSPRSVD2	8CC	
WSPRSVD7	89D	0
WSPRSVD8	838	0
WSPRSVD9	828	
WSPRSVFX	907	0
WSPRSVS3	850	0
WSPRSVS4	7CA	0
WSPRSVS5	71C	0
WSPRSVS6	700	0
WSPRSVU1	848	0
WSPRSVU2	868	0
WSPRSV01	72C	
WSPRTNIN	7D0	0
WSPRTN20	7D0	14
WSPSADUM	7CE	1
WSPSAFFL	6F3	1
WSPSAPEN	7CE	80
WSPSAPRO	7CD	20
WSPSAVE	734	0
WSPSAVEA	7F0	0
WSPSAVE2	7E8	0
WSPSAVE3	7EC	0
WSPSAVE4	830	
WSPSCHED	6F2	1
WSPSDWAD	834	0
WSPSECPT	730	0
WSPSELC	904	10
WSPSELD	8D4	0
WSPSELM	8F4	0
WSPSELMX	8F4	30
WSPSELT	8E4	0
WSPSIZE	934	
WSPSKJOB	7CF	8
WSPSOTBN	89C	40
WSPSRCHP	72E	10
WSPSSCWA	718	
WSPSSREQ	6F2	40
WSPSTA	7E4	0

Table 145. Cross Reference for IATYWTR1 (continued)

Name	Offset	Hex Tag
WSPSTACK	8F4	2C
WSPSTART	6E8	
WSPSTRTD	6F3	10
WSPSWBID	89A	
WSPSWTR	90B	10
WSPSYSRQ	6F2	20
WSPTEEND	850	850
WSPTEEND_V0	848	850
WSPTEJBC	6E8	0
WSPTEJBI	7A0	
WSPTESIZ	850	168
WSPTESIZ_V0	848	168
WSPTESSO	850	
WSPTESSO_V0	850	
WSPTEUID	6EA	
WSPTOKEN	748	
WSPTPID	88C	40404040
WSPTSO	6F3	8
WSPTYPE	8F4	C
WSPUCS	8F4	18
WSPUCSID	814	40404040
WSPUNSCH	72F	40
WSPURSTA	7CD	2
WSPUSRID	7CF	1
WSPVER	82B	
WSPVER01	82B	1
WSPWOSP	90B	20
WSPWOSW	90B	40
WSPWSTME	860	0
WSPWTRSC	7D0	10
WSPWTSCH	90B	1
WSPXJMR	72E	80
WSPYOSPC	79C	
WSP10R01	90E	1
WSP10R02	90E	2
WSP10R04	90E	4
WSP10R08	90E	8
WSP10R10	90E	10
WSP206IS	90E	40
WSP4BOSD	72E	1
WSP4BOSE	72E	2
WSP8RSV3	70A	1
WTRCIMPL	F0	40404040
WTRCRDS	4B8	0
WTRDAREA	4E0	
WTRDATE	478	0

Table 145. Cross Reference for IATYWTR1 (continued)

Name	Offset	Hex Tag
WTRDCCDB	2C	
WTRDCDEP	4DC	
WTRDCFLG	EA	0
WTRDCLR	4CC	
WTRDCMDQ	628	80
WTRDCRVS	EA	80
WTRDCTAD	538	
WTRDCTPG	620	0
WTRDCUPG	61C	0
WTRDDCDB	8C	
WTRDDIAG	51C	
WTRDDSER	520	
WTRDDSN	5C4	40404040
WTRDDSNF	105	
WTRDDSNL	104	
WTRDECFE	A80	FFFFFFFF
WTRDECFL	A70	0
WTRDECF1	A70	0
WTRDECF2	A78	0
WTRDFAIL	4A4	
WTRDFDJN	528	
WTRDFLGI	49B	0
WTRDFLGO	45C	0
WTRDFSA	54E	0
WTRDFSID	54C	
WTRDFSS	54C	0
WTRDIARE	4F0	
WTRDICDE	4EC	
WTRDIDDN	488	40404040
WTRDIDEV	498	404040
WTRDIMOD	497	0
WTRDINAM	4F4	40404040
WTRDINTS	4B0	
WTRDINTV	EC	40
WTRDINVO	102	80
WTRDISTY	493	40404040
WTRDITYP	490	404040
WTRDJDST	62F	40
WTRDJFLG	62F	70
WTRDJFLS	62F	20
WTRDJFRM	62F	10
WTRDJID	5E4	40404040
WTRDJNAM	5DC	40404040
WTRDLDCM	102	20
WTRDLDST	102	10
WTRDLFCB	102	1

Table 145. Cross Reference for IATYWTR1 (continued)

Name	Offset	Hex Tag
WTRDLFLS	102	8
WTRDLFRM	102	4
WTRDLGCR	540	
WTRDLMRC	102	80
WTRDLMSG	102	40
WTRDLOCN	631	10
WTRDLUCS	102	2
WTRDMDDS	514	
WTRDMDD2	518	
WTRDMGAC	534	1
WTRDMGNA	534	0
WTRDMPRQ	680	B
WTRDMSAV	629	0
WTRDMSG	230	
WTRDMSGF	EC	0
WTRDMSGI	2C4	0
WTRDMSGO	3B0	40404040
WTRDMSGP	EC	80
WTRDMSGR	534	
WTRDMSK1	A77	0
WTRDMSK2	A7F	0
WTRDM731	ED	0
WTRDNAME	508	
WTRDODDN	428	40404040
WTRDODEV	438	40404040
WTRDODV3	438	439
WTRDOFLG	628	1
WTRDOMOD	437	0
WTRDONAM	4E4	40404040
WTRDOSTY	433	40404040
WTRDOTOK	18F	F0404040
WTRDOTYP	430	404040
WTRDPFLG	102	0
WTRDPGCT	4BC	0
WTRDPPSR	530	
WTRDPSTF	628	0
WTRDQMSG	504	
WTRDQRTN	0	4
WTRDRCDS	4B4	0
WTRDRCER	628	4
WTRDRFOR	500	
WTRDRLJN	52C	
WTRDRRTN	0	8
WTRDRSQ	5EC	
WTRDRSVD	E1C	0
WTRDRSV1	664	0

Table 145. Cross Reference for IATYWTR1 (continued)

Name	Offset	Hex Tag
WTRDRSV2	66C	0
WTRDRSV3	680	0
WTRDRSV5	4AC	0
WTRDRTOK	1DF	F0404040
WTRDSADD	628	8
WTRDSECA	24	
WTRDSNAM	524	
WTRDSPRT	628	40
WTRDSTQ1	680	14
WTRDSTQ2	680	15
WTRDSTQ3	680	16
WTRDSTQ4	680	17
WTRDSTUP	50C	
WTRDSUPI	4A8	
WTRDSUPO	484	
WTRDTMEX	EC	20
WTRDTMOT	628	2
WTRDTYPE	430	
WTRDUDST	62F	4
WTRDUFLG	62F	7
WTRDUFLS	62F	2
WTRDUFRM	62F	1
WTRDWAIT	510	
WTRDWSTM	634	0
WTRDXCDB	280	
WTRDXCDB_KEYUSED_CMDIND	2A7	80
WTRDXCDB_XABEND	289	
WTRDXCDB_XABEND_NO	289	40
WTRDXCDB_XABEND_YES	289	80
WTRDXCDB_XCART	2AC	
WTRDXCDB_XCMDIND_NO	2A6	40
WTRDXCDB_XCMDIND_YES	2A6	80
WTRDXCDB_XCNDB	28C	
WTRDXCDB_XCONSID	29C	
WTRDXCDB_XCONSNM	298	
WTRDXCDB_XEYECATCH	281	
WTRDXCDB_XFLAG1	287	
WTRDXCDB_XFLAG2	2A6	
WTRDXCDB_XINCNDB	294	
WTRDXCDB_XKEYS	2A7	
WTRDXCDB_XOPERATION_EXTRACTCART	0	10
WTRDXCDB_XOPERATION_EXTRACTCONSID	287	100
WTRDXCDB_XOPERATION_EXTRACTCONSNAME	287	80
WTRDXCDB_XOPERATION_EXTRACTCONSTYPE	0	40
WTRDXCDB_XOPERATION_EXTRACTROUT	0	20
WTRDXCDB_XOPERATION_INITIALIZE	287	8000

Table 145. Cross Reference for IATYWTR1 (continued)

Name	Offset	Hex Tag
WTRDXCDB_XOPERATION_RESET	287	1000
WTRDXCDB_XOPERATION_TRANSCONSID	287	400
WTRDXCDB_XOPERATION_TRANSFER	287	4000
WTRDXCDB_XOPERATION_TRANSROUT	287	200
WTRDXCDB_XOPERATION_UPDATE	287	2000
WTRDXCDB_XOPERATION_VERIFY	287	800
WTRDXCDB_XOUTCART	2BC	
WTRDXCDB_XOUTCNDB	290	
WTRDXCDB_XOUTCONSID	2A0	
WTRDXCDB_XOUTCONSNAME	2B0	
WTRDXCDB_XOUTCONSTYPE	2B4	
WTRDXCDB_XOUTROUT	2B8	
WTRDXCDB_XROUT	2A8	
WTRDXCDB_XRSV001	28B	
WTRDXCDB_XRSV002	2A4	
WTRDXCDB_XUSERADDR	28A	
WTRDXCDB_XVERSION	280	
WTRDXCDBL	2BC	40
WTRDYNAM	5F0	C4E8D5C1
WTRENFDS	49B	40
WTRENTNM	131	
WTRFBUSY	D8B	20
WTRFCKAL	631	20
WTRFCLPI	631	4
WTRFCLR	5C3	4
WTRFCPER	4CC	4CC
WTRFCPIP	631	2
WTRFDCPI	5C3	80
WTRFDOSU	5C3	1
WTRFDRET	5C2	8
WTRFDSAD	5F8	
WTRFDSUP	5C2	4
WTRFDUMP	5C1	2
WTRFDVRS	5C2	1
WTRFENQ	184	
WTRFENQW	680	1B
WTRFFAIL	5C3	2
WTRFFIT	631	80
WTRFFLGA	633	0
WTRFFLG1	5C0	0
WTRFFLG2	5C1	0
WTRFFLG3	5C2	0
WTRFFLG4	5C3	0
WTRFFLG5	62E	0
WTRFFLG6	62F	0
WTRFFLG7	630	0

Table 145. Cross Reference for IATYWTR1 (continued)

Name	Offset	Hex Tag
WTRFFLG8	631	0
WTRFFLG9	632	0
WTRFFRIP	62E	10
WTRFFSA	5C0	20
WTRFFSAA	5C0	8
WTRFFSRC	5C1	20
WTRFFSS	5C0	40
WTRFFSSA	5C0	10
WTRFGDEP	4EC	
WTRFGDRN	574	0
WTRFGDSF	680	E
WTRFGRCM	630	40
WTRFGTRL	5C2	80
WTRFINEP	4E4	
WTRFINZ0	631	40
WTRFISET	5C1	40
WTRFIWTO	631	8
WTRFJMRA	660	0
WTRFJNDS	5C3	10
WTRFJNNX	5C3	8
WTRFJNWS	9EC	
WTRFJOSL	62E	8
WTRFJTRL	5C3	20
WTRFMANU	630	80
WTRFMFSS	5C0	80
WTRFMID	558	40404040
WTRFMPAD	568	
WTRFMPDL	5C1	80
WTRFMPER	5C0	2
WTRFNCKP	5C0	1
WTRFNDMP	632	4
WTRFNEWS	633	40
WTRFOSDP	631	1
WTRFPDQC	604	
WTRFPDQF	5FC	
WTRFPDQL	600	
WTRFPDQS	60C	
WTRFPORQ	5C1	4
WTRFPRIM	630	10
WTRFPURC	954	0
WTRFQREQ	62E	2
WTRFQUET	632	40
WTRFRCFM	575	0
WTRFRCUR	5C1	1
WTRFRDEP	4F0	
WTRFRECL	576	0

Table 145. Cross Reference for IATYWTR1 (continued)

Name	Offset	Hex Tag
WTRFRESP	5C0	4
WTRFRLTM	633	20
WTRFRSCD	5C3	40
WTRFRSTR	62E	80
WTRFRSVD	590	
WTRFRSVS	59C	
WTRFRSVU	5AC	
WTRFRSVX	608	
WTRFRSV1	4DC	
WTRFRTMI	633	10
WTRFRVA3	633	8
WTRFRVA4	633	4
WTRFRVA5	633	2
WTRFRVA6	633	1
WTRFSAAC	680	1
WTRFSAAD	564	
WTRFSABN	630	4
WTRFSAFL	53C	
WTRFSARS	5C2	2
WTRFSASA	680	5
WTRFSATM	630	8
WTRFSDDN	62E	1
WTRFSEET	632	80
WTRFSETE	4E0	
WTRFSMSG	5C2	10
WTRFSNUM	680	13
WTRFSRS	62E	4
WTRFSSAD	560	
WTRFSSNM	550	40404040
WTRFSSSA	680	4
WTRFSTAR	56C	0
WTRFSTAT	EC	1
WTRFSTRS	62E	40
WTRFSVAL	5C2	20
WTRFSV10	570	0
WTRFSWRK	58C	
WTRFSYET	632	20
WTRFSYWM	588	
WTRFSYWT	62E	20
WTRFTEEP	4F4	
WTRFTREQ	5C2	40
WTRFUIR	5C1	10
WTRFUX45	63C	0
WTRFVOFF	630	20
WTRFWOSU	62B	0
WTRFWUAL	632	1

Table 145. Cross Reference for IATYWTR1 (continued)

Name	Offset	Hex Tag
WTRF0FDB	633	80
WTRF3MSG	598	
WTRGDPDQ	680	1E
WTRGDSST	680	12
WTRIA	D7A	80
WTRIADR1	A50	0
WTRIADR2	A58	0
WTRIBEQ	D7C	80
WTRIC	D7A	40
WTRICALL	D82	10
WTRICBEQ	D7C	40
WTRICCWB	D88	10
WTRICEQ	D80	8
WTRICFLC	D4C	
WTRICHEQ	D7C	20
WTRICHNG	D86	8
WTRICKEQ	D7E	1
WTRICKIV	9E8	0
WTRICKPG	630	2
WTRICKPT	A28	0
WTRICKSC	630	1
WTRICLSP	D56	40404040
WTRICMEQ	D7C	10
WTRICNCL	D82	20
WTRICNTP	D55	
WTRICNTR	D4A	
WTRICOPY	D3F	
WTRICPEQ	D7C	8
WTRICPMI	D86	1
WTRICPPL	D86	2
WTRICPYC	D4B	
WTRICPYE	D42	0
WTRICPYN	D4A	
WTRICPYS	D40	
WTRICPYT	AAA	0
WTRICTEQ	D7C	4
WTRICTKN	96C	0
WTRICURR	624	0
WTRID	D7A	20
WTRIDBPM	A4C	
WTRIDEQ	D7C	2
WTRIDL	D8A	18
WTRIDLE	D86	10
WTRIDLES	188	0
WTRIDOFD	CF6	
WTRIDS	D87	20

Table 145. Cross Reference for IATYWTR1 (continued)

Name	Offset	Hex Tag
WTRIDSBG	D85	80
WTRIDSC	D8A	2C
WTRIDSD	D8A	28
WTRIDSDN	D85	40
WTRIDSLD	D85	10
WTRIDSO	D8A	10
WTRIDSOP	D87	4
WTRIDSR	D8A	14
WTRIDSS	D82	2
WTRIEND	D86	80
WTRIEP	D8A	1C
WTRIERIN	D84	4
WTRIFDBI	934	0
WTRIFDBS	D18	0
WTRIFEQ	D7C	1
WTRIFFDB	D18	
WTRIFLCN	D41	
WTRIFLEQ	D7D	80
WTRIFLG1	D83	0
WTRIFLG2	D84	0
WTRIFLG3	D85	0
WTRIFLG4	D86	0
WTRIFLG5	D87	0
WTRIFLG6	D88	0
WTRIFLG7	D8B	0
WTRIFLG8	D89	0
WTRIG	D7A	10
WTRIGNO	D8A	30
WTRIHEQ	D7D	40
WTRIHLD	D7B	8
WTRIHOT	D86	40
WTRIHRSN	CF3	0
WTRIHTYP	CF2	0
WTRIINL	D88	2
WTRIJ	D7A	8
WTRIJDSH	D88	80
WTRIJDSP	A44	
WTRIJEQ	D7D	20
WTRIJMRD	D94	
WTRIJMRQ	D98	
WTRIJOB	D87	40
WTRIJOBS	D82	4
WTRIJS	D8A	0
WTRIKDSI	D88	40
WTRIKPJS	D85	1
WTRIL	D7A	4

Table 145. Cross Reference for IATYWTR1 (continued)

Name	Offset	Hex Tag
WTRILEN1	A4C	0
WTRILEN2	A54	0
WTRILEQ	D7D	10
WTRILNCT	A68	0
WTRILPOS	AAC	0
WTRIM	D7A	2
WTRIMANM	D87	10
WTRIMFLA	D7A	
WTRIMFLB	D7C	
WTRIMFLP	D82	0
WTRIMFLS	D7A	
WTRIMFL1	D7A	0
WTRIMFL2	D7B	0
WTRIMFL3	D7C	0
WTRIMFL4	D7D	0
WTRIMFL5	D7E	0
WTRIMFL6	D7F	0
WTRIMFL7	D80	0
WTRIMFL8	D81	0
WTRIMNT	D82	1
WTRIMPM1	D7A	5D
WTRIMPM2	D7B	7F
WTRIMPM3	D7C	FF
WTRIMPM4	D7D	FF
WTRIMPM5	D7E	FB
WTRIMPM6	D7F	FF
WTRIMPM7	D80	FF
WTRIMPM8	D81	FF
WTRIM201	D7B	1
WTRIM202	D7B	2
WTRIM701	D80	1
WTRIM702	D80	2
WTRIM704	D80	4
WTRIN	D7A	1
WTRINAV	D3E	40
WTRINDSR	D86	4
WTRINDX	D8A	0
WTRINEGV	D84	2
WTRINLCN	AA6	0
WTRINNPR	D84	20
WTRINON	962	0
WTRINONE	D87	8
WTRINOTS	A24	
WTRINOT1	9F4	0
WTRINOT2	A0C	0
WTRINPRO	9E4	0

Table 145. Cross Reference for IATYWTR1 (continued)

Name	Offset	Hex Tag
WTRINTCN	AA8	0
WTRINVEQ	D7D	8
WTRIOPNS	D89	80
WTRIOS	D84	80
WTRIOSE	AB0	
WTRIOSEN	D89	40
WTRIOSL	D88	4
WTRIOSSZ	C10	240
WTRIOTEQ	D7D	4
WTRIP	D7B	80
WTRIPAGE	D85	20
WTRIPAGF	D88	8
WTRIPAGS	A60	0
WTRIPARM	A48	0
WTRIPFOK	D84	1
WTRIPFOR	9F0	0
WTRIPGEQ	D7E	2
WTRIPMEQ	D7E	8
WTRIPO	D8A	24
WTRIPOFF	960	0
WTRIPRAG	D88	20
WTRIPT	D8A	20
WTRIPTK1	954	0
WTRIPTK2	95A	0
WTRIPTRA	954	0
WTRIR	D7B	40
WTRIRCD	D7B	4
WTRIRCDS	A5C	0
WTRIRCUR	EC	10
WTRIREOF	D84	10
WTRIREPO	DB4	0
WTRIREQ	D7D	2
WTRIREST	CF0	0
WTRIRJPE	D85	2
WTRIRM	D8A	C
WTRIROEQ	D7E	4
WTRIRPOS	A64	0
WTRIRQAD	A40	
WTRIRSCD	D85	4
WTRIRSCH	D86	20
WTRIRSFL	D8C	0
WTRIRSTR	D82	40
WTRIRSTX	9BC	40404040
WTRIRSVD	9EA	0
WTRIRSV1	9D4	0
WTRIRSV2	D9C	0

Table 145. Cross Reference for IATYWTR1 (continued)

Name	Offset	Hex Tag
WTRIRSV4	DB8	0
WTRIS	D7B	20
WTRISELP	D4D	0
WTRISET	CF1	0
WTRISLEN	A6C	0
WTRISMFL	D8B	40
WTRISMFT	D8B	80
WTRISREQ	D87	80
WTRISTAR	628	10
WTRISTEQ	D7D	1
WTRISTER	D84	8
WTRISTRT	D82	80
WTRISTUP	D84	40
WTRISU	D8A	4
WTRISYND	D82	8
WTRISYS	6E8	
WTRISYSE	DC0	
WTRISZEQ	D7E	80
WTRIT	D7B	10
WTRITLC	D8A	34
WTRITRNC	D85	8
WTRIUEQ	D7E	10
WTRIVLOR	D87	1
WTRIVO	D8A	8
WTRIWCEQ	D7E	40
WTRIWFIT	680	F
WTRIWMSG	D87	2
WTRIWORK	D34	40404040
WTRIWRK	D18	D18
WTRIWRKM	D18	D18
WTRIWSC	D7F	8
WTRIWSCL	D7F	1
WTRIWSCM	D80	40
WTRIWSD	D7F	40
WTRIWSEQ	D7E	20
WTRIWSF	D7F	10
WTRIWSFL	D80	80
WTRIWSL	D7F	2
WTRIWSP	D7F	80
WTRIWSPM	D80	10
WTRIWSST	D80	20
WTRIWST	D7F	20
WTRIWSU	D7F	4
WTRIZLEN	DC0	
WTRI7030	628	20
WTRI7072	D88	1

Table 145. Cross Reference for IATYWTR1 (continued)

Name	Offset	Hex Tag
WTRJPDV	EC	4
WTRJTRNX	632	8
WTRLNTRN	EC	2
WTRLOGID	DAC	40404040
WTRLOGNM	DA4	40404040
WTRMPEPT	4FC	
WTRNOACT	632	10
WTRNOSPN	62A	0
WTRNSTAR	680	1C
WTRNZIOR	680	10
WTROCDEP	548	
WTROCHK	450	
WTROCHOR	EC	8
WTROCLOS	45C	40
WTROCONS	45C	8
WTROCOPY	450	0
WTRODS	45C	4
WTROLBL	45C	10
WTROLGSL	166	
WTROLGST	167	
WTROLIST	45C	1
WTROLRCL	626	0
WTRONNP	45C	1
WTROPAGE	458	0
WTROPPQF	610	
WTROPPQL	618	
WTROPPQN	614	
WTROREAL	45C	20
WTROREC	454	0
WTROREG	45C	2
WTRORJCT	45C	80
WTROSEAR	9D0	
WTROTRUN	45C	20
WTROVOL	45C	8
WTROVSTP	680	1D
WTROWTRX	544	
WTRPDIRN	6B6	8
WTRPDQER	680	2
WTRPRD14	A74	0
WTRPREG2	A90	
WTRPRL14	A7C	0
WTRPSAV1	A94	
WTRPSAV2	A98	
WTRPSAV3	A9C	
WTRPSAV4	AA0	
WTRPSM14	A70	0

Table 145. Cross Reference for IATYWTR1 (continued)

Name	Offset	Hex Tag
WTRPSSCA	180	
WTRPSV14	A80	0
WTRPWSPA	1000	
WTRPWTRC	AA4	
WTRPWT14	A78	0
WTRP0FDB	680	1A
WTRQURYF	680	11
WTRRSVDB	CF4	
WTRRSVD0	EB	0
WTRRSVD1	4A2	0
WTRRSVD6	578	
WTRRSVD8	18C	
WTRRSVD9	45D	
WTRRSVS0	EE	0
WTRRSVS1	2C0	0
WTRRSVS2	22F	0
WTRSAFOK	103	40
WTRSCFLG	103	0
WTRSCGMN	103	80
WTRSCHFL	694	694
WTRSCHKT	6B7	10
WTRSCHLN	694	696
WTRSCHPG	694	695
WTRSCHSZ	694	0
WTRSCOPY	6B4	0
WTRSCTAB	6AC	0
WTRSDSOP	6B8	8
WTRSECPT	28	
WTRSETDV	680	D
WTRSFCBO	6A4	40404040
WTRSFLG1	6B6	0
WTRSFLG2	6B7	0
WTRSFLG3	6B8	0
WTRSFMH2	6B6	80
WTRSFOCO	6B7	20
WTRSFRMS	698	40404040
WTRSLDEN	6B8	20
WTRSMSGM	6B8	80
WTRSNREC	684	0
WTRSNXDS	6B7	80
WTRSPAN	62A	80
WTRSPDEV	680	A
WTRSPERR	6B6	20
WTRSPFCB	6B8	40
WTRSPFIR	62A	C0
WTRSPFLG	62A	0

Table 145. Cross Reference for IATYWTR1 (continued)

Name	Offset	Hex Tag
WTRSPFSA	680	8
WTRSPFSS	680	6
WTRSPLST	62A	A0
WTRSPNTH	62A	80
WTRSPPAD	5A8	
WTRSRECN	6D0	0
WTRSRERR	6B6	10
WTRSRLN	62C	0
WTRSRSRT	6B7	40
WTRSRSVD	6B5	0
WTRSRSV1	6BC	0
WTRSRSV2	6D4	0
WTRSRSV3	6E4	0
WTRSSDEV	6B7	2
WTRSSEND	6B6	40
WTRSSUSP	6B8	10
WTRSTACC	49B	80
WTRSTART	0	
WTRSTDEV	680	9
WTRSTFSA	680	7
WTRSTRT2	1000	
WTRSUCSO	6A0	40404040
WTRSWBF	460	0
WTRSWBN	46C	0
WTRSWBP	468	0
WTRSWBSZ	46E	0
WTRSYNDV	680	C
WTRTIME	470	40404040
WTRTUSID	47C	40404040
WTRT7008	F8	C4E240C9
WTRWOSER	49B	20
WTRWPRSQ	D90	0
WTRWSPAA	DBC	
WTRWSPUP	632	2
WTRXCPDS	580	
WTRXFSER	680	3
WTRXLMSD	584	
WTRXOSEN	43C	
WTR06BSP	E2C	
WTR06TOT	F78	
WTR06XSP	EA0	

IATYWTR2 information

IATYWTR2 programming interface information

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

- IATXOSCI
- IATXOSCO
- IATXOSG
- IATXOSOI
- IATXOSOO
- IATXOSP
- WTRDCLR
- WTRDCTAD
- WTRDDIAG
- WTRDDSER
- WTRDFAIL
- WTRDFDJN
- WTRDLGCR
- WTRDMDDS
- WTRDMDD2
- WTRDMSAV
- WTRDMSGR
- WTRDNAME
- WTRDPPSR
- WTRDQMSG
- WTRDRFOR
- WTRDRLJN
- WTRDSNAM
- WTRDSTUP
- WTRDWAIT
- WTRFCPER
- WTRFGDEP
- WTRFINEP
- WTRFPDQC
- WTRFPDQF
- WTRFPDQL
- WTRFPDQS
- WTRFRDEP
- WTRFSAFL
- WTRFSETE
- WTRFSV10
- WTRFTEEP
- WTRIFDBI
- WTRIFLG1

- WTRIPTK1
- WTRIPTK2
- WTRIRCDS
- WTRISLEN
- WTRMPEPT
- WTROCDEP
- WTROPPQF
- WTROPPQL
- WTROPPQN
- WTROWTRX
- WTRPRD14
- WTRPREG2
- WTRPRL14
- WTRPSAV1
- WTRPSAV2
- WTRPSAV3
- WTRPSAV4
- WTRPSM14
- WTRPSSCA
- WTRPSV14
- WTRPWT14
- WTRSNREC
- WTRSRECN
- WTRWPRSQ

IATYWTR2 heading information

Common name:	WRITER WORK/CONTROL AREA
Macro ID:	IATYWTR
DSECT name:	WTRDSECT, IOSB
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	IATODFD, IATODPN, IATODPR, IATODSI, IATODSN, or IATODWD Offset: 0 Length: 8 Note: The Eye-Catcher will be the name of the module that expands it as a CSECT.
Storage attributes:	Auxiliary Storage: N/A Subpool: 251
Size:	WTRDSECT - 0.2K IOSB - WTROODSZ
Created by:	N/A
Pointed to by:	R13 WHILE IN THE DRIVER OR SUPPORT MODULE WHICH IS REFERENCING IT ALSO: WTRDIARE --> INPUT AREA WTRDAREA --> OUTPUT AREA

	Serialization:	FIELDS WHICH HAVE SERIALIZED ACCESS

Serialization: FIELDS WHICH HAVE SERIALIZED ACCESS
                   WSPFDBS - BETWEEN THE WRITER AND
                   PPQ MANAGER (I.E. ONLY ONE
                   USER OF THE WOSE FDB)
                   WTRODIEF & WTROFLGS - THE ODIEF FLAG
                   IS USED BY THE DIE ROUTINE
                   (IATOSDI) TO POST (VIA CS)
                   THE SUPPORT ROUTINE (E.G.
                   IATOSPR) WHEN AN EVENT HAS
                   OCCURRED. THE OFLGS FIELD
                   IS EQUATED TO THE SAME
                   BYTE AS ODIEF.

Function: PROVIDE DATA CSECTS NEEDED BY OUTPUT
                   SERVICE DRIVERS AND SUPPORT ROUTINES
                   FOR OUTPUT WRITER PROCESSING

IATYWTR2 mapping

Table 146. Structure WTRDSECT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	WTRDSECT	
0	(0)	SIGNED	4	WTRSTART(0)	DATA AREA START
		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
		OUTPUT SERVICE WRITER DATA AREA THE SECURITY PARAMETER LIST FOR WRITERS IS ANCHORED IN WTRDSECA BELOW. IT IS AGETMAINED IN IATOSWC.			
36	(24)	ADDRESS	4	WTRDSECA	SECURITY DATA PARM LIST FOR IATXSEC SECURITY MACRO
40	(28)	SIGNED	4	WTRSECPT	IATYSEC PTR FOR WTRPWSPA

Table 146. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description

```
TRDCCDB IATYCNDB DSECT=NO CALLING CONSOLE INFORMATION
   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
44	(2C)	SIGNED	4	WTRDCCDB(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

Table 146. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
TRDDCDB IATYCNDB DSECT=NO DEVICE RELATED CONSOLE INFORMATION					
IATYCNDB_1:;					
140	(8C)	SIGNED	4	WTRDDCDB(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 INFORMATION
		DEFINITION OF WTRDCFLG			
234	(EA)	BITSTRING	1	WTRDCFLG	OUTPUT SERVICE WRITER FLAG
		1...		WTRDCRVS	"X'80'" Reserved for service
		THIS LINE DELETED BY APAR OW22430			
235	(EB)	BITSTRING	1	WTRRSVD0	RESERVED FOR DEVELOPMENT
236	(EC)	BITSTRING	1	WTRDMSGF	MESSAGE FLAGS
		DEFINITION OF WTRDMSGF			
		1...		WTRDMSGP	"X'80'" COMMAND PENDING IN WTRDMSGI
		.1..		WTRDINTV	"X'40'" INTERVENTION REQUIRED PEND.
		..1.		WTRDTMEX	"X'20'" TIMER HAS EXPIRED
		...1		WTRIRCUR	"X'10'" FAILSOFT RECURSION
		.... 1...		WTROCHOR	"X'08'" OUTPUT DEV IS CHAN-ORIENTED
		.... .1..		WTRJPDV	"X'04'" RJP DEVICE
		.... ..1.		WTRLNTRN	"X'02'" RJP LINE TURNAROUND
		1		WTRFSTAT	"X'01'" FSS CONTROLLER POST REQUEST
237	(ED)	BITSTRING	1	WTRDM731	IATOSSI DM731 footprint
238	(EE)	SIGNED	2	WTRRSVS0	RESERVED FOR SERVICE
240	(F0)	CHARACTER	8	WTRCIMPL	COMMAND IMPLEMENTATION MOD
248	(F8)	CHARACTER	10	WTRT7008	TEXT FOR IAT7008
258	(102)	BITSTRING	1	WTRDPFLG	PARAMETER FLAGS
		DEFINITION OF WTRDPFLG			
		1...		WTRDINVO	"X'80'" INVALID CONTROL CHARACTER.
		.1..		WTRDLMSG	"X'40'" LOAD MESSAGE REQUIRED
		..1.		WTRDLDCM	"X'20'" COPY MOD MUST BE LOADED
		...1		WTRDLDST	"X'10'" STACKER MUST BE CHANGED
		.... 1...		WTRDLFLS	"X'08'" FLASH MUST BE CHANGED
		.... .1..		WTRDLFRM	"X'04'" FORMS MUST BE LOADED
		.... ..1.		WTRDLUCS	"X'02'" UCS MUST BE LOADED

Table 146. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1		WTRDLFCB	"X'01'" FCB/CTAPE MUST BE LOADED
258	(102)	X'80'	0	WTRDLMRC	"WTRDINVO" REF CHAR MUST BE LOADED
		FIELDS FOR SECURITY INFORMATION FOR WRITERS			
259	(103)	BITSTRING	1	WTRSCFLG	SECURITY FLAG BYTE
		1...		WTRSCGMN	"X'80'" AGETMAIN FOR YSEC PERFORMED
		.1..		WTRSAFOK	"X'40'" SAF AUTHORIZATION RECEIVED- 0546 DO NOT BYPASS IATOSNT 0546
		FULL DATA SET NAME AND SAF ENTITY NAME			
260	(104)	BITSTRING	1	WTRDDSNL	LENGTH OF WTRDDSNF
261	(105)	BITSTRING	44	WTRDDSNF	MAX DATASET NAME SIZE
305	(131)	BITSTRING	1	WTRENTNM	SAF ENTITY NAME
		LOGSTR FOR IATXSEC CALLS			
358	(166)	BITSTRING	1	WTROLGSL	LENGTH OF WTROLGST
359	(167)	CHARACTER	24	WTROLGST	MAX LOGSTRING SIZE
384	(180)	ADDRESS	4	WTRPSSCA	PTR TO YPSSC CONTROL BLOCK 0357
388	(184)	SIGNED	4	WTRFENQ	AENQ COUNT FOR FSS WRITERS
392	(188)	SIGNED	4	WTRIDLES	Start of idle period
396	(18C)	BITSTRING	3	WTRRSVD8	RESERVED FOR DEVELOPMENT
399	(18F)	CHARACTER	80	WTRDOTOK	SECURITY TOKN OF OWNING JOB
479	(1DF)	CHARACTER	80	WTRDRTOK	DATA SET SECURITY TOKEN 0094
559	(22F)	BITSTRING	1	WTRRSVS2	Reserved for Service

```
WTRDMSG MESSAGE TEXT=WTRDMSGO,MF=L
      $T6=z1.13.0 HJS7780 110309 PD0TN: z 1.13.0
```

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
560	(230)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
560	(230)	ADDRESS	4	WTRDMSG	Text Address
564	(234)	BITSTRING	2		Destination Disp and Mask
566	(236)	BITSTRING	1		ACTION flag
567	(237)	ADDRESS	1		Options Flag
568	(238)	BITSTRING	2		Descriptor Codes
570	(23A)	SIGNED	2		Reserved 2 Bytes
572	(23C)	BITSTRING	17		Routing Codes
589	(24D)	BITSTRING	1	(3)	Reserved
592	(250)	BITSTRING	1	(8)	Jobid
600	(258)	BITSTRING	1	(8)	Jobname
608	(260)	BITSTRING	1	(8)	Key
616	(268)	ADDRESS	4		CNDB Address 1
620	(26C)	ADDRESS	4		CNDB Address 2
624	(270)	ADDRESS	4		CNDB Address 3
628	(274)	ADDRESS	4		CNDB Address 4
632	(278)	ADDRESS	4		CNDB Address 5
636	(27C)	ADDRESS	4		MLWO Address

Table 146. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		IATXCNDB MF=(L,WTRDXCDB) MACDATE -94/10/04-<3>			
0	(0)	X'280'	0	M00M0006	"WTRDXCDB" ++ IATXCNDB NAME
640	(280)	DBL WORD	8	WTRDXCDB(0)	++ IATXCNDB PARM LIST
640	(280)	BITSTRING	1	WTRDXCDB_XVERSION	++ INPUT XVERSION
641	(281)	CHARACTER	6	WTRDXCDB_XEYECATCH	++ CONSTANT
647	(287)	BITSTRING	2	WTRDXCDB_XFLAG1	++ FIELD_LABEL
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_INITIALIZE	"B'1000000000000000'" ++ XOPERATION.INITIALIZE KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_TRANSFER	"B'0100000000000000'" ++ XOPERATION.TRANSFER KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_UPDATE	"B'0010000000000000'" ++ XOPERATION.UPDATE KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_RESET	"B'0001000000000000'" ++ XOPERATION.RESET KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_VERIFY	"B'0000100000000000'" ++ XOPERATION.VERIFY KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_TRANSCONSID	"B'0000010000000000'" ++ XOPERATION.TRANSCONSID KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_TRANSROUT	"B'0000001000000000'" ++ XOPERATION.TRANSROUT KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_EXTRACTCONSID	"B'0000000100000000'" ++ XOPERATION.EXTRACTCONSID KEYWORD
		1...		WTRDXCDB_XOPERATION_EXTRACTCONSNAME	"B'0000000010000000'" ++ XOPERATION.EXTRACTCONSNAME KEYWOR
		.1..		WTRDXCDB_XOPERATION_EXTRACTCONSTYPE	"B'0000000001000000'" ++ XOPERATION.EXTRACTCONSTYPE KEYWOR
		..1.		WTRDXCDB_XOPERATION_EXTRACTROUT	"B'0000000000100000'" ++ XOPERATION.EXTRACTROUT KEYWORD
		...1		WTRDXCDB_XOPERATION_EXTRACTCART	"B'0000000000010000'" ++ XOPERATION.EXTRACTCART KEYWORD
649	(289)	BITSTRING	1	WTRDXCDB_XABEND	++ INPUT
		1...		WTRDXCDB_XABEND_YES	"B'10000000'" ++ XABEND.YES KEYWORD
		.1..		WTRDXCDB_XABEND_NO	"B'01000000'" ++ XABEND.NO KEYWORD
650	(28A)	BITSTRING	1	WTRDXCDB_XUSERADDR	++ FIELD_LABEL
651	(28B)	CHARACTER	1	WTRDXCDB_XRSV001	++ RESERVED
652	(28C)	ADDRESS	4	WTRDXCDB_XCNDB	++
656	(290)	ADDRESS	4	WTRDXCDB_XOUTCNDB	++
660	(294)	ADDRESS	4	WTRDXCDB_XINCNDB	++
664	(298)	ADDRESS	4	WTRDXCDB_XCONSNM	++
668	(29C)	ADDRESS	4	WTRDXCDB_XCONSID	++

Table 146. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
672	(2A0)	ADDRESS	4	WTRDXCDB_XOUTCONSID	++
676	(2A4)	CHARACTER	2	WTRDXCDB_XRSV002	++ RESERVED
678	(2A6)	BITSTRING	1	WTRDXCDB_XFLAG2	++ FIELD_LABEL
		1...		WTRDXCDB_XCMDIND_YES	"B'10000000'" ++ XCMDIND.YES KEYWORD
		.1..		WTRDXCDB_XCMDIND_NO	"B'01000000'" ++ XCMDIND.NO KEYWORD
679	(2A7)	BITSTRING	1	WTRDXCDB_XKEYS	++ FIELD_LABEL
		1...		WTRDXCDB_KEYUSED_CMDIND	"B'10000000'" ++ KEYUSED.CMDIND KEYWORD
680	(2A8)	ADDRESS	4	WTRDXCDB_XROUT	++
684	(2AC)	ADDRESS	4	WTRDXCDB_XCART	++
688	(2B0)	ADDRESS	4	WTRDXCDB_XOUTCONSNAME	++
692	(2B4)	ADDRESS	4	WTRDXCDB_XOUTCONSTYPE	++
696	(2B8)	ADDRESS	4	WTRDXCDB_XOUTROUT	++
700	(2BC)	ADDRESS	4	WTRDXCDB_XOUTCART	++
700	(2BC)	X'40'	0	WTRDXCDBL	"*-WTRDXCDB" ++ LENGTH OF PLIST
				IATXCNDB-3	
704	(2C0)	SIGNED	2	WTRRSVS1	RESERVED FOR SERVICE
708	(2C4)	SIGNED	4	(0)	
708	(2C4)	BITSTRING	1	WTRDMSGI	
944	(3B0)	CHARACTER	120	WTRDMSGO	OUTPUT MESSAGE AREA
				THESE LINES DELETED BY PAR0301	
1064	(428)	CHARACTER	8	WTRDODDN	OUTPUT COMPONENT DDNAME
				THE FOLLOWING FOUR FIELDS MUST REMAIN TOGETHER	
1072	(430)	CHARACTER	8	WTRDTYPE(0)	OUTPUT TYPE - FROM SUPTYPE 0053
1072	(430)	CHARACTER	3	WTRDOTYP	OUTPUT COMPONENT GTYPE
1075	(433)	CHARACTER	4	WTRDOSTY	OUTPUT COMPONENT STYPE
1079	(437)	BITSTRING	1	WTRDOMOD	OUTPUT COMPONENT MODEL
				END OF RELATION FOR FIELDS WTRDTYPE -> WTRDOMOD 0	
1080	(438)	CHARACTER	4	WTRDODEV	OUTPUT DEVICE NUMBER
1080	(438)	X'439'	0	WTRDODV3	"WTRDODEV+1,3" 3 DIGIT PORTION OF DEVICE NUMBER WTRDODEV
				$SK = ENF58CK HJS7708 020916 ID1RS: z 1.5.0 IATXOSEN MF=L	
1084	(43C)	SIGNED	4	WTRXOSEN(0)	List form
1084	(43C)	ADDRESS	4		CTOKEN address
1088	(440)	ADDRESS	4		New client token address
1092	(444)	ADDRESS	4		Address of system hold reason
1096	(448)	ADDRESS	4		Address of reason text
1100	(44C)	ADDRESS	4		Address of checkpoint data

Table 146. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		When ENF58 signal is issued for non-FSS writers, the following fields will have the checkpointed copy, record and page counts. The following three fields must always be together. The 12 byte area will be passed in the CHK= parameter on the IATXOSEN macro while issuing the checkpoint ENF58 signal.			
1104	(450)	BITSTRING	12	WTROCHK(0)	
1104	(450)	SIGNED	4	WTROCOPY	Copy count
1108	(454)	SIGNED	4	WTROREC	Record count
1112	(458)	SIGNED	4	WTROPAGE	Page count (not used for line mode printers)
1116	(45C)	BITSTRING	1	WTRDFLGO	OUTPUT COMPONENT FLAG BYTE
		DEFINITION OF WTRDFLGO			
		1...		WTRORJCT	"X'80'" ONLY ALLOW ONE OPER COMMAND
		.1..		WTROCLOS	"X'40'" PERFORM JESCLOSE ONLY $$$$
		..1.		WTROREAL	"X'20'" LABEL=REAL ON IATXOSOO LABEL=FINAL ON IATXOSCO
		..1.		WTROTRUN	"X'20'" TRUNC=YES ON IATXOSP
		...1		WTROLBL	"X'10'" SETUP CALL
		.... 1...		WTROVOL	"X'08'" GENERATE VOL LABEL
1116	(45C)	X'8'	0	WTROCONS	"WTROVOL" SUSPEND FOR CONSOLE OUT
		.... .1..		WTRODS	"X'04'" GENERATE DS LABEL
		.... ..1.		WTROREG	"X'02'" PARMS ARE IN REG
		1		WTRONNP	"X'01'" NEWPAGE=NO ON IATXOSOO
		1		WTROLIST	"X'01'" PARMS ARE IN LIST (IATXOSP)
1117	(45D)	BITSTRING	3	WTRRSVD9	RESERVED FOR DEVELOPMENT
1120	(460)	BITSTRING	6	WTRSWBF	M.R FOR SWB IN STG- WTRSWBP
1128	(468)	SIGNED	4	WTRSWBP	ADDRESS OF SWB POINTER LIST D015 FOR SMF6 MAPPED BY IEFSJTRP D015
1132	(46C)	SIGNED	2	WTRSWBN	NUMBER OF SWB POINTERS IN D015 WTRSWBP LIST D015
1134	(46E)	SIGNED	2	WTRSWBSZ	TOTAL SIZE OF SWBTU POINTED D015 TO BY WTRSWBP LIST D015
1136	(470)	CHARACTER	8	WTRTIME	PRINTER START TIME IN EBCDIC
1144	(478)	SIGNED	4	WTRDATE	PRINTER START DATE IN JULIAN
1148	(47C)	CHARACTER	8	WTRTUSID	TSO USERID
1156	(484)	ADDRESS	4	WTRDSUPO	OUTPUT SUPUNITS ADDRESS
1160	(488)	CHARACTER	8	WTRDIDDN	INPUT COMPONENT DDNAME
1168	(490)	CHARACTER	3	WTRDITYP	INPUT COMPONENT GTYPE
1171	(493)	CHARACTER	4	WTRDISTY	INPUT COMPONENT STYPE
1175	(497)	BITSTRING	1	WTRDIMOD	INPUT COMPONENT MODEL
1176	(498)	CHARACTER	3	WTRDIDEV	INPUT DEVICE ADDRESS
1179	(49B)	BITSTRING	1	WTRDFLGI	INPUT COMPONENT FLAG BYTE
		DEFINITION OF WTRDFLGI			
		1...		WTRSTACC	"X'80'" IATXOSG CALLER ACCEPTS STREAM MODE/SPANNED RECORDS TWO BUFFERS

Table 146. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.1..		WTRENFDS	"X'40'" Issue ENF signal for non-FSS writer data set selection
		..1.		WTRWOSER	"X'20'" Need to release WOSE
1186	(4A2)	SIGNED	2	WTRRSVD1	RESERVED FOR DEVELOPMENT
1188	(4A4)	ADDRESS	4	WTRDFAIL	DUMP/RETURN ROUTINE ADDRESS
1192	(4A8)	ADDRESS	4	WTRDSUPI	INPUT SUPUNITS ADDRESS
1196	(4AC)	SIGNED	4	WTRDRSV5	RESERVED FOR SERVICE
1200	(4B0)	ADDRESS	4	WTRDINTS	INTERVENTION REQ. SUPUNITS
1204	(4B4)	SIGNED	4	WTRDRCDS	OUTPUT RECORD COUNT
1208	(4B8)	SIGNED	4	WTRCRDS	OUTPUT RECD CONT FOR INQUIRY
1212	(4BC)	SIGNED	4	WTRDPGCT	OUTPUT PAGE COUNT
1216	(4C0)	ADDRESS	4	IATXOSOO	OUTPUT COMPONENT OPEN ADDR.
1220	(4C4)	ADDRESS	4	IATXOSP	OUTPUT COMPONENT PUT ADDR.
1224	(4C8)	ADDRESS	4	IATXOSCO	OUTPUT COMPONENT CLOSE ADDR.
1228	(4CC)	ADDRESS	4	WTRDCLR	OUTPUT BUFFER-CLEARING RTN.
1228	(4CC)	X'4CC'	0	WTRFCPER	"WTRDCLR" FSS WTR CHKPOINT ERROR RTN.
1232	(4D0)	ADDRESS	4	IATXOSOI	INPUT COMPONENT OPEN ADDR.
1236	(4D4)	ADDRESS	4	IATXOSG	INPUT COMPONENT GET ADDR.
1240	(4D8)	ADDRESS	4	IATXOSCI	INPUT COMPONENT CLOSE ADDR.
1244	(4DC)	ADDRESS	4	WTRDCDEP	OUTPUT COMPONENT CDE
1248	(4E0)	ADDRESS	4	WTRDAREA	OUTPUT COMPONENT AREA
1252	(4E4)	CHARACTER	8	WTRDONAM	OUTPUT COMPONENT MODULE NAM
1244	(4DC)	ADDRESS	4	WTRFRSV1	RESERVED FOR FSS DEVELOPMNT
1248	(4E0)	ADDRESS	4	WTRFSETE	IATOSFD MSG RTN FOR DEVICE FAILURE WITH ETE BIT SET ADDRESS (LABEL: OFDFE000)
1252	(4E4)	ADDRESS	4	WTRFINEP	FSS WTR INIT ENTRY POINT
1260	(4EC)	ADDRESS	4	WTRDICDE	INPUT COMPONENT CDE ADDR.
1264	(4F0)	ADDRESS	4	WTRDIARE	INPUT COMPONENT AREA
1268	(4F4)	CHARACTER	8	WTRDINAM	INPUT COMPONENT NAME
1260	(4EC)	ADDRESS	4	WTRFGDEP	FSS WTR GETDS ENTRY POINT
1264	(4F0)	ADDRESS	4	WTRFRDEP	FSS WTR RELDS ENTRY POINT
1268	(4F4)	ADDRESS	4	WTRFTEEP	FSS WTR TERM ENTRY POINT
1276	(4FC)	ADDRESS	4	WTRMPEPT	IATOSMP MODULE ENTRY POINT
1280	(500)	ADDRESS	4	WTRDRFOR	IATOSMP FCB MAPPING ROUTINE ADDRESS (LABEL: OSMPRFOR)
1284	(504)	ADDRESS	4	WTRDQMSG	IATOSFD DEQUE ACTIVE MSG RTN#587 ADDRESS (LABEL: OFDDQMSG) #587
1288	(508)	ADDRESS	4	WTRDNAME	IATOSWC DDNAME RETRVAL RTN ADDRESS (LABEL: OSDPOINT)
1292	(50C)	ADDRESS	4	WTRDSTUP	IATOSWC SETUP CHECK ROUTINE ADDRESS (LABEL: OSWCSTUP)
1296	(510)	ADDRESS	4	WTRDWAIT	IATOSWC WAITING WORK MSG RTN ADDRESS (LABEL: OSWCWAIT)
1300	(514)	ADDRESS	4	WTRDMDDS	IATOSWC MAN/DIAG MODE MSG RTN ADDRESS (LABEL: OSWCMDDS)
1304	(518)	ADDRESS	4	WTRDMDD2	IATOSWC MAN/DIAG MODE MSG RTN 2 (LABEL: OSWCMDD2)
1308	(51C)	ADDRESS	4	WTRDDIAG	IATOSWC DIAGNOSTIC MSG ROUTN ADDRESS (LABEL: OSWCDIAG)

Table 146. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1312	(520)	ADDRESS	4	WTRDDSER	IATOSWC DIAGNOSTIC MSG ROUTN ADDRESS (LABEL: OSWCDSER)
1316	(524)	ADDRESS	4	WTRDSNAM	IATOSWC DSNAME CREATE RTN ADDRESS (LABEL: OSWCDSNM)
1320	(528)	ADDRESS	4	WTRDFDJN	FIND JESNEWS SUBROUTINE 2633
1324	(52C)	ADDRESS	4	WTRDRLJN	RELEASE JESNEWS SUBROUTINE 2633
1328	(530)	ADDRESS	4	WTRDPPSR	COMMAND PROCESSOR PPQ SYNCH ROUTINE ADDRESS (LABEL: OSMPSYNC)
1332	(534)	ADDRESS	4	WTRDMSGR	COMMAND PROCESSOR MESSAGE ROUTINE ADDRESS (LABEL: OSMPPMSG) 0084
1332	(534)	X'0'	0	WTRDMGNA	"0" NON-ACTION MESSAGE (R1 VALUE TO OSMPPMSG ABOVE 0084
1332	(534)	X'1'	0	WTRDMGAC	"1" ACTION MESSAGE (R1 VALUE TO OSMPPMSG ABOVE 0084
1336	(538)	ADDRESS	4	WTRDCTAD	COMMAND PROCESSOR PARAMETER TABLE ADDRESS (LABEL: OSMPTBL1)
1340	(53C)	ADDRESS	4	WTRFSAFL	IATOSFD FSA FAILURE MSG RTN ADDRESS (LABEL: OFDFS000)
1344	(540)	ADDRESS	4	WTRDLGCR	LOGSTR CREATE ROUTINE ADDR 0391 (LABEL: OSWCLGCR) 0391
1348	(544)	ADDRESS	4	WTROWTRX	WRITER EXTENSION ADDRESS
1352	(548)	ADDRESS	4	WTROCDEP	JDE ADDRESS FOR IATODPX
1356	(54C)	SIGNED	4	WTRDFSID(0)	FUNCTIONAL SUBSYSTEM ID
1356	(54C)	SIGNED	2	WTRDFSS	FSS PORTION OF FSID
1358	(54E)	SIGNED	2	WTRDFSA	FSA PORTION OF FSID
1360	(550)	CHARACTER	8	WTRFSSNM	FSS NAME FOR THIS FSS
1368	(558)	CHARACTER	8	WTRFMID	FSS RELDS INCOMPLETE/DATA- SET UNPRINTABLE MSG TEXT

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          FIRST BYTE OF WTRFMID = X'00' - NO MSG TEXT AVAIL
                        NOT X'00' - FSA RELDS INCOM/UNPRT
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Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1376	(560)	ADDRESS	4	WTRFSSAD	FSS TABLE ENTRY ADDRESS
1380	(564)	ADDRESS	4	WTRFSAAD	FSA TABLE ENTRY ADDRESS
1384	(568)	ADDRESS	4	WTRFMPAD	FSS PROCESSOR MPC ENTRY AD
1388	(56C)	SIGNED	4	WTRFSTAR	CURRENT FSS/FSA STAGING AREA
1392	(570)	SIGNED	4	WTRFSV10	SAVE AREA USED BY IATXPDQ ON INTERNAL CALLS
1396	(574)	BITSTRING	1	WTRFGDRN	HOLD REASON IF WTRFDSUP ON
1397	(575)	BITSTRING	1	WTRFRCFM	Data set record format (Bit definitions same as JFCRECFM in the JFCB)
1398	(576)	SIGNED	2	WTRFRECL	Maximum data set record length
1400	(578)	SIGNED	4	WTRRSVD6(2)	RESRVD FOR NON-FSS DEVLPMNT
1408	(580)	SIGNED	4	WTRXCPDS	NUMBER OF SKIPPED CPDS RECORDS FOR THIS DATA SET
1412	(584)	SIGNED	4	WTRXLMSD	NUMBER OF TRUNCATED LINE MODE SPANNED RECORDS FOR THIS DATA SET
1416	(588)	SIGNED	4	WTRFSYWM	DOMID FOR DATASET SYNCHRONIZATION
1420	(58C)	SIGNED	4	WTRFSWRK	FSS WORK AREA
1424	(590)	SIGNED	4	WTRFRSVD(2)	RESERVED FOR DEVELOPMENT
1432	(598)	SIGNED	4	WTRF3MSG	DOMID FOR MESSAGE IAT4730
1436	(59C)	SIGNED	4	WTRFRSVS(3)	RESERVED FOR SERVICE

Table 146. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1448	(5A8)	ADDRESS	4	WTRSPPAD	SET PRINT PARM ADDRESS
1452	(5AC)	SIGNED	4	WTRFRSVU(5)	RESERVED FOR USER
		BEGINNING OF AREA DUMPED IN MESSAGE IAT7060 AFTER WTRINDX BY SPECIFYING THE 'D' PARAMETER ON AN X, R, OR C COMMAND FOR WRITERS IN FSS MODE.			
1472	(5C0)	BITSTRING	1	WTRFFLG1	FSS WTR FLAG
		DEFINITION OF WTRFFLG1			
		1...		WTRFMFSS	"X'80'" THIS IS A FSS WRITER
		.1..		WTRFFSS	"X'40'" THIS WTR SUPPORTS A FSS
		..1.		WTRFFSA	"X'20'" THIS WTR SUPPORTS A FSA
		...1		WTRFFSSA	"X'10'" FSS IS ACTIVE
		.... 1...		WTRFFSAA	"X'08'" FSA IS ACTIVE
		.... .1..		WTRFRESP	"X'04'" ORDER RESPONSE PENDING
		.... ..1.		WTRFMPER	"X'02'" OSMP IN CMD ERROR PROCESSING
		1		WTRFNCKP	"X'01'" NEW CHECKPOINT BUFFER W/O SPOOL ADDRESS
1473	(5C1)	BITSTRING	1	WTRFFLG2	FSS WTR FLAG
		DEFINITION OF WTRFFLG2			
		1...		WTRFMPDL	"X'80'" ADELETE MODULE IATOSMP
		.1..		WTRFISET	"X'40'" SETUP TO COMPLTE PROCESSING (I.E. FSI INTRVENTION ORDER SENT TO FSA BY IATOSFS AND RESPONSE HAS NOT BEEN RECEIVED OR PROCESSED)
		..1.		WTRFFSRC	"X'20'" OSFS RECEIVED REJECT COMMAND
		...1		WTRFUIR	"X'10'" UPDATE INTERVENTION REQUIRED
		EQU X'08' RESERVED FOR DEVELOPMENT			
		.... .1..		WTRFPORQ	"X'04'" POST FOR GETDS REQUIRED
		.... ..1.		WTRFDUMP	"X'02'" OPERATOR REQUESTED DUMP DURING FAILSOFT - ABEND FSS ADDRESS SPACE WITH DUMP
		1		WTRFRCUR	"X'01'" FAILSOFT RECURSION
1474	(5C2)	BITSTRING	1	WTRFFLG3	FSS WTR FLAG
		DEFINITION OF WTRFFLG3			
		1...		WTRFGTRL	"X'80'" RELEASE WTR'S PENDING OSES
		.1..		WTRFTREQ	"X'40'" SET ORDER REQUIRED
		..1.		WTRFSVAL	"X'20'" DS VALIDATION ON SYNC REQ'D
		...1		WTRFSMSG	"X'10'" WTRIOSE has job name and number for IAT7089 msg
		.... 1...		WTRFDRET	"X'08'" OSMP RETURN W/OUT CMD IMPL
		.... .1..		WTRFDSUP	"X'04'" WTRFDSAD DS UNPRINTABLE BY FSS
		.... ..1.		WTRFSARS	"X'02'" FSA RESTART REQUESTED
		1		WTRFDVRS	"X'01'" DEVICE IS TO BE RESTARTED
1475	(5C3)	BITSTRING	1	WTRFFLG4	FSS WTR FLAG

Table 146. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF WTRFFLG4			
		1...		WTRFDCPI	"X'80'" WTRFDSAD DS CHKPOINT INVALID
		.1..		WTRFRSCD	"X'40'" RELDS INCOMPLETE RECEIVED
		..1.		WTRFJTRL	"X'20'" JOB TRAILER WAS SPECIFIED ON SYNCH ORDER TO DEVICE
		...1		WTRFJNDS	"X'10'" JESNEWS BEING SELECTED 2633
		.... 1...		WTRFJNNX	"X'08'" JESNEWS TO BE SENT NEXT 2633
		.... .1..		WTRFCLR	"X'04'" PDQ CLEAR IN PROGRESS
		.... ..1.		WTRFFAIL	"X'02'" FSS AND WRITER TO TERMINATE #245
		1		WTRFDOSU	"X'01'" UPDATE DOSE ON PDQWOSWR 3339
		END OF THIS AREA DUMPED BY SPECIFYING THE D PARAMETER ON AN X, S, R, OR C COMMAND FOR FSS MODE WRITERS. (SEE WTRFFLG5) THE FOLLOWING FIVE FIELDS IDENTIFY THE JOB IN PROGRESS AT THE CHANNEL INTERFACE. FOR NON-CHANNEL-ORIENTED OUTPUT DEVICE (E.G. 3800) OR A DEVICE DRIVEN BY AN FSS, THEY MAY NOT PERTAIN TO THE SAME JOB AT THE TRANSFER STATION OR STACKER AS IDENTIFIED BY THE ACTIVE RESQUEUE IN FCTRQAD. INITIALLY, WE COULD HAVE BOTH THE FCTRQAD AND THE FOLLOWING FIVE FIELDS IDENTIFYING THE SAME JOB. AS THE JOB PROGRESSES THROUGH THE CHANNEL THE WRITER COULD START TO BRING IN THE NEXT JOB AND UPDATE THE VALUES OF THE FOLLOWING FIVE FIELDS. THE FIELD FCTRQAD DIDN'T GET UPDATED UNTIL THE FIRST UNIT OF THE NEXT JOB IS READY TO BE STACKED. THUS, WE HAVE A SMALL WINDOW HERE WHERE WE HAVE THE FCTRQAD AND THE FOLLOWING FIELDS POINTING TO DIFFERENT JOBS.			
1476	(5C4)	CHARACTER	24	WTRDDSN	DATASET NAME IN PROGRESS
1500	(5DC)	CHARACTER	8	WTRDJNAM	JOB NAME IN PROGRESS
1508	(5E4)	CHARACTER	8	WTRDJID	JOB ID IN PROGRESS
1516	(5EC)	ADDRESS	4	WTRDRSQ	RQ ADDR FOR CURRENT JOB
1520	(5F0)	CHARACTER	8	WTRDYNAM	JOB ID FOR DYNAMIC WTR
		FIELDS USED BY THE PENDING DATA SET QUEUE MANAGER (IATOSFP)			
1528	(5F8)	ADDRESS	4	WTRFDSAD	DATA SET ID ADDRESS FOR AN FSS WRITER
1532	(5FC)	ADDRESS	4	WTRFPDQF	ADDR OF FIRST (OLDEST) PDQ ENTRY (0 IF QUEUE EMPTY) MAINTAINED BY OSFP
1536	(600)	ADDRESS	4	WTRFPDQL	ADDR OF LAST (NEWEST) PDQ ENTRY (0 IF QUEUE EMPTY) MAINTAINED BY OSFP
1540	(604)	ADDRESS	4	WTRFPDQC	ADDR OF CURRENT (CHANNEL) PDQ. ZERO IF NO DS SELECTD MAINTAINED BY OSFP
1544	(608)	ADDRESS	4	WTRFRSVX	RESERVED FOR DEVELOPMENT
1548	(60C)	ADDRESS	4	WTRFPDQS	ADDR OF 'SYNCHED TO' PDQ IATXPDQ TYPE=PDQSYNCH SETS MAINTAINED BY OSMP+OSFM
		FIELDS USED BY PENDING PAGE QUEUE MANAGER (IATOSWP)			
1552	(610)	ADDRESS	4	WTROPPQF	ADDR OF FIRST (OLDEST) PPQ ENTRY (0 IF QUEUE EMPTY)
1556	(614)	ADDRESS	4	WTROPPQN	ADDR OF PPQ ENTRY FOR NEXT PAGE EXPECTED TO BE STACKED (0 IF NO EXPECTED PAGE IS IN PRINTER)
1560	(618)	ADDRESS	4	WTROPPQL	ADDR OF LAST (NEWEST) PPQ ENTRY (0 IF QUEUE EMPTY)

Table 146. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1564	(61C)	SIGNED	4	WTRDCUPG	NUM OF PAGES INTO CURRENT TRANSMISSION. DECREASED FOR BACKSP, INCREASED FOR PRINTING & FORWARD SPACE
1568	(620)	SIGNED	4	WTRDCTPG	NUMBER OF PAGES IN A COMPLETE TRANSMISSION OF THE CURRENT DATA SET. ZERO WHEN THE FIRST TRANSMISSION HAS NOT COMPLETED.
1572	(624)	SIGNED	2	WTRICURR	OFFSET WITHIN WOSE BUFFER TO CURRENT DATA SET BEING PROCESSED AT THE CHANNEL
1574	(626)	SIGNED	2	WTROLRCL	Original logical record length of a record
1576	(628)	BITSTRING	1	WTRDPSTF	WRITER POST FLAG BYTE
		DEFINITION OF WTRDPSTF FLAGS SHOULD BE UPDATED UNDER NUC TASK ONLY			
		1...		WTRDCMDQ	"X'80'" OPERATOR COMMAND QUEUED FOR FCT
		.1..		WTRDSPRT	"X'40'" SETPRINT COMPLETE
		..1.		WTRI7030	"X'20'" MSG IAT7030 REPLIED TO BY OP
		...1		WTRISTAR	"X'10'" COMMAND IS A START COMMAND
		.... 1...		WTRDSADD	"X'08'" SETPRT TYPE=ADD ISSUED
		.... .1..		WTRDRCER	"X'04'" SETPRT RECURSIVE ERROR IND
		.... ..1.		WTRDTMOT	"X'02'" Writer timed out while waiting for work
		1		WTRDOFLG	"X'01'" WORK AVAILABLE
1577	(629)	BITSTRING	1	WTRDMSAV	SAVE AREA FOR TASK MODE
1578	(62A)	BITSTRING	1	WTRSPFLG	SPANNED DATA FLAGS
		DEFINITION OF WTRSPFLG THE FLAGS ARE USED TO INDICATE THE TYPE OF DATA PASSED TO NETWORKING MODULE IATOSNJ			
1578	(62A)	X'0'	0	WTRNOSPN	"FCTNOSPN" LOGICAL RECRD IS NOT SPANNED
1578	(62A)	X'80'	0	WTRSPAN	"FCTSPAN" SPANNED DATA PRESENT
1578	(62A)	X'C0'	0	WTRSPFIR	"FCTSPFIR" FIRST 'RECORD SECTION'
1578	(62A)	X'80'	0	WTRSPNTH	"FCTSPNTH" NTH 'RECORD SECTION'
1578	(62A)	X'A0'	0	WTRSPLST	"FCTSPLST" LAST 'RECORD SECTION'
1579	(62B)	BITSTRING	1	WTRFWOSU	OSFP WOSE UPDATE RTN FLAG
1580	(62C)	SIGNED	2	WTRSRLN	SPANNED RECORD LENGTH
		BEGINNING OF AREA DUMPED IN MESSAGE IAT7060 AFTER WTRFFLG1 THROUGH WTRFFLG4 BY SPECIFYING THE 'D' PARAMETER ON AN X, S, R OR C COMMAND FOR WRITERS IN FSS MODE.			
1582	(62E)	BITSTRING	1	WTRFFLG5	FSS WRITER FLAG BYTE 5
		DEFINITION OF WTRFFLG5			
		1...		WTRFRSTR	"X'80'" FSS WRITER TO BE RESTARTED FOLLOWING IPL OF FSS MAIN
		.1..		WTRFSTRS	"X'40'" STAGING AREA RECEIVED RESENT OVER RESTART (STARSNT)

Table 146. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		WTRFSYWT	"X'20'" WAITING FOR DATASET SYNCHRONIZATION MSG ISSUED
		...1		WTRFFRIP	"X'10'" FSA RESTART IN PROGRESS
		.... 1...		WTRFJOSL	"X'08'" JOB/OSE SELECTED STATUS LOCK
		.... .1..		WTRFSRS	"X'04'" SPECIALIZED RESCHEDULE HAS RETURNED NAVAIL-DYNAMIC WTR
		.... ..1.		WTRFQREQ	"X'02'" QUERY ORDER REQUIRED
		1		WTRFSDDN	"X'01'" DDNAME TO BE FOUND IN PDQ
		END OF AREA DUMPED BY SPECIFYING THE D PARAMETER ON AN X, S, R, OR C COMMAND FOR FSS MODE WRITERS.			
1583	(62F)	BITSTRING	1	WTRFFLG6	FSS WRITER FLAG BYTE 6
		DEFINITION OF WTRFFLG6 THE FOLLOWING 3 BITS INDICATE THAT JES REQUESTED SETUP, BUT THE DEVICE DOES NOT SUPPORT THAT PARTICULAR INTERV.			
		.1..		WTRDJDST	"X'40'" STACKER SETUP REQUESTED(JES)
		..1.		WTRDJFLS	"X'20'" FLASH SETUP REQUESTED(JES)
		...1		WTRDJFRM	"X'10'" FORMS SETUP REQUESTED(JES)
1583	(62F)	X'70'	0	WTRDJFLG	"WTRDJDST+WTRDJFLS+WTRDJFRM"
		.... .1..		WTRDUDST	"X'04'" STACKER UPDATE INTERV. REQ.
		.... ..1.		WTRDUFLS	"X'02'" FLASH UPDATE INTERV. REQ.
		1		WTRDUFRM	"X'01'" FORMS UPDATE INTERV. REQ.
1583	(62F)	X'7'	0	WTRDUFLG	"WTRDUDST+WTRDUFLS+WTRDUFRM"
1584	(630)	BITSTRING	1	WTRFFLG7	FSS WRITER FLAG BYTE 7
		DEFINITION OF WTRFFLG7			
		1...		WTRFMANU	"X'80'" MANUAL MODE PRINT BUFFER PROCESSING IN PROGRESS
		.1..		WTRFGRCM	"X'40'" MANUAL MODE COMMAND PROCESSING IN PROGRESS
		..1.		WTRFVOFF	"X'20'" SUPUNIT VARY OFFLINE SCHEDULED
		...1		WTRFPRIM	"X'10'" PARM OSE IS FOR PRIME PDQ
		.... 1...		WTRFSATM	"X'08'" FSA TO TERMINATE
		.... .1..		WTRFSABN	"X'04'" STOP FSA ABNORMAL FOR *FAIL 0207 OR WTR ABEND IN PROGRESS 0207
		.... ..1.		WTRICKPG	"X'02'" CHECKPOINT INTERVAL IS IN PAGES
		1		WTRICKSC	"X'01'" CHECKPOINT INTERVAL IS IN SECONDS
1585	(631)	BITSTRING	1	WTRFFLG8	FSS WRITER FLAG BYTE 8
		DEFINITION OF WTRFFLG8			
		1...		WTRFFIT	"X'80'" FSA INITIATED TERMINATION 0046
		.1..		WTRFINZ0	"X'40'" NON-0 NON-TERMINAL RETURN IN INTERVENTION ORDER RESP
		..1.		WTRFCKAL	"X'20'" FSS checkpoint allocated
		...1		WTRDLOCN	"X'10'" WHEN ON, INDICATES DLOCON HAS BEEN ISSUED; WHEN OFF DLOCOFF IS NOT REQUIRED

Table 146. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		WTRFIWTO	"X'08'" WTO MESSAGE HAS BEEN ISSUED
		.... .1..		WTRFCLPI	"X'04'" CLEAR PRINT ISSUED FOR DYNAMIC WRITER
		.... ..1.		WTRFCPIP	"X'02'" CLEAR PRINT IN PROGRESS
		1		WTRFOSDP	"X'01'" A DATASET IN THIS OSE HAS BEEN MARKED PENDING
1586	(632)	BITSTRING	1	WTRFFLG9	FSS FLAG BYTE 9
		DEFINITION OF WTRFFLG9			
		1...		WTRFSEET	"X'80'" AN ENVIRONMENTAL TYPE ERROR (BIT RESP2ETE WAS SET IN RESPFL2) WAS RECEIVED IN RESPONSE TO A SET ORDER.
		.1..		WTRFQUET	"X'40'" AN ENVIRONMENTAL TYPE ERROR WAS RECEIVED IN RESPONSE TO A QUERY ORDER.
		..1.		WTRFSYET	"X'20'" AN ENVIRONMENTAL TYPE ERROR WAS RECEIVED IN RESPONSE TO A SYNCH ORDER.
		...1		WTRNOACT	"X'10'" NO ACTION REQUIRED FOR THIS COMMAND
		.... 1...		WTRJTRNX	"X'08'" Job trailer to go next
		.... .1..		WTRFNDMP	"X'04'" No dump of FSS required on FAILDSP
		.... ..1.		WTRWSPUP	"X'02'" IATOSFP did an IATXOSWS GET/REL call for RQ saved in the primary WSP
		1		WTRFWUAL	"X'01'" Waiting for FSS to get unallocated
1587	(633)	BITSTRING	1	WTRFFLGA	FSS FLAG BYTE 10
		DEFINITION OF WTRFFLGA			
		1...		WTRF0FDB	"X'80'" A DM656 ABEND IS NOT NEEDED FOR A ZERO WOSE FDB. THE ROUTINE CALLING PDQWOSRD WILL HANDLE IT.
		.1..		WTRFNEWS	"X'40'" PDQDSSEL CALL WAS MADE FOR JESNEWS DATASET
		..1.		WTRFRLTM	"X'20'" RELDS timer outstanding
		...1		WTRFRTMI	"X'10'" RELDS timer cancelled, may need to be reissued
		.... 1...		WTRFRVA3	"X'08'" BIT RESERVED FOR SERVICE
		.... .1..		WTRFRVA4	"X'04'" BIT RESERVED FOR SERVICE
		.... ..1.		WTRFRVA5	"X'02'" BIT RESERVED FOR SERVICE
		1		WTRFRVA6	"X'01'" BIT RESERVED FOR SERVICE
1588	(634)	BITSTRING	8	WTRDWSTM	WRITER START TIME (TOD)
		DEFINE THE PARAMETER LIST SPACE FOR IATUX45 0 THIS AREA IS MAPPED VIA IATYUX45. 0 2 lines deleted by PQK0002 0			
1596	(63C)	BITSTRING	1	WTRFUX45	UX45 PARAMETER LIST
		FIELD WTRFJMRA POINTS TO THE JMR AREA THAT IS GET- 0 MAINED IN IATOSFD. IT POINTS TO A BUFFER FOR THE 0 COPIED JMR. UX45JMRA IS USED TO POINT TO THE JMR 0 FOR A PARTICULAR IATUX45 CALL, OR IS 0 IF NOT AVAIL. 0			
1632	(660)	SIGNED	4	WTRFJMRA	JMR BUFFER POINTER FOR UX45 0635

Table 146. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1636	(664)	SIGNED	4	WTRDRSV1(2)	RESERVED FOR DEVELOPMENT 0002
1644	(66C)	SIGNED	4	WTRDRSV2(5)	RESERVED FOR SERVICE
1664	(680)	SIGNED	4	WTRDRSV3	RESERVED FOR USER
		REASON CODES FOR FSS WRITER ABEND DM656 FAILURES			
		1		WTRFSAAC	"X'01'" FSA ALREADY ACTIVE WITH A DIFFERENT WRITER FCT
		.... ..1.		WTRPDQER	"X'02'" ERROR RECREATING THE PDQ FOLLOWING HOTSTART
		11		WTRXFSER	"X'03'" ERROR RETURN CODE FROM IATXFSS TYPE=FSSSTART 0546
		.... .1..		WTRFSSSA	"X'04'" INVALID STAGING AREA RECEIVED FROM FSS
		.... .1.1		WTRFSASA	"X'05'" INVALID STAGING AREA RECEIVED FROM FSA
		.... .11.		WTRSPFSS	"X'06'" ERROR RETURN FROM STOP FSS ORDER
		.... .111		WTRSTFSA	"X'07'" ERROR RETURN FROM START FSA ORDER
		.... 1...		WTRSPFSA	"X'08'" ERROR RETURN FROM STOP FSA ORDER
		.... 1..1		WTRSTDEV	"X'09'" ERROR RETURN FROM START DEVICE ORDER
		.... 1.1.		WTRSPDEV	"X'0A'" ERROR RETURN FROM STOP DEVICE ORDER
		.... 1.11		WTRDMPRQ	"X'0B'" DUMP REQUESTED BY JES3 IN FSS ADDRESS SPACE
		.... 11..		WTRSYNDV	"X'0C'" ERROR RETURN FROM SYNCH #096 ORDER #096
		.... 11.1		WTRSETDV	"X'0D'" ERROR RETURN FROM SET #096 ORDER #096
		.... 111.		WTRFGDSF	"X'0E'" ERROR FOUND BY THE GETDS PROCESSOR DURING PDQ PROCESSING
		 1111		WTRIWFIT	"X'0F'" INVALID WRITER STATE FOR FSA REQUESTED TERMINATION
		...1		WTRNZIOR	"X'10'" NON-ZERO RETURN CODE FOUND IN THE INTERVENTION ORDER RESPONSE AREA BY IATOSFS
		...1 ...1		WTRQURYF	"X'11'" ERROR RETURN FROM QUERY ORDER
		...1 ..1.		WTRGDSST	"X'12'" UNEXPECTED RETURN BY SETUP PROCESSOR DURING GETDS
		...1 ..11		WTRFSNUM	"X'13'" Num of GETDS extensions 0073 is null 0073
		...1 .1..		WTRDSTQ1	"X'14'" UNABLE TO PROCESS STAR - DSTQ NOT AVAILABLE (OSFD)
		...1 .1.1		WTRDSTQ2	"X'15'" UNABLE TO PROCESS STAR - DSTQ NOT AVAILABLE (OSFD)
		...1 .11.		WTRDSTQ3	"X'16'" UNABLE TO DLOCON AFTER RESTART - (OSFD) DSTQ NOT AVAILABLE
		...1 .111		WTRDSTQ4	"X'17'" FSA UNABLE TO DLOCON ON DSTQ NOT AVAILABLE (OSFI)

Table 146. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		THE FOLLOWING REASONS CODES HAVE BEEN USED BY APAR OY38190 FOR RELEASES SP1.3.4 - SP2.2.1 FOR FSS PROCESSING (WHICH TAKES PLACE IN THE ESA RELEASES IN MODULE IATGRFC) AND ARE THEREFORE UNAVAILABLE FOR USE IN ANY FUTURE RELEASES. WTRDSTQ5 EQU X'18' DLOCON FAILURE WTRDSTQ6 EQU X'19' DSQ UNAVAILABLE				
		...1 1.1.		WTRP0FDB	"X'1A'" A ZERO WOSE FDB IN A PDQ HAS BEEN DETECTED WHEN TRYING TO DO A WOSE READ.
		...1 1.11		WTRFENQW	"X'1B'" JESNEWS AENQ count wrong
		...1 11..		WTRNSTAR	"X'1C'" WTRFISET BUT NO STAR PASSED TO OSFS IN WTRFSTAR
		...1 11.1		WTROVSTP	"X'1D'" FSI extn end addr points 0073 beyond the end of SRL 0073
		...1 111.		WTRGDPDQ	"X'1E'" WTRDRSQ zero during PDQ GETDS processing
		SNARJP COMMUNICATION AREA			
1668	(684)	SIGNED	4	WTRSNREC(4)	CURRENT RECORD CHKPT INFO -- THIS INCLUDES TWO M.R SPOOL ADDRESSES & AN OFFSET FIELD (CHNSZ)
1684	(694)	SIGNED	4	WTRSCHSZ	CHAIN SIZE FOR CURR DS
1684	(694)	X'694'	0	WTRSCHFL	"WTRSCHSZ,1" CHAIN SIZE SPEC. FLAG
1684	(694)	X'695'	0	WTRSCHPG	"WTRSCHSZ+1,1" NUM OF 'PAGES' IN SNA CHAIN
1684	(694)	X'696'	0	WTRSCHLN	"WTRSCHSZ+2,1" NUMBER OF LINES IN 'PAGE'
1688	(698)	CHARACTER	8	WTRSFRMS	FORMS REQ'D
1696	(6A0)	CHARACTER	4	WTRSUCSO	TRAIN REQ'D
1700	(6A4)	CHARACTER	8	WTRSFCBO	FCB REQ'D
1708	(6AC)	BITSTRING	8	WTRSCTAB	COMPACTION TBL REQ'D
1716	(6B4)	BITSTRING	1	WTRSCOPY	COPIES REQ'D
1717	(6B5)	BITSTRING	1	WTRSRSVD	RESERVED FOR SNA
1718	(6B6)	BITSTRING	1	WTRSFLG1	PDIR /ERR FLAG
		DEFINITION OF WTRSFLG1			
		1...		WTRSFMH2	"X'80'" WORK STATION SUPPORTS PDIR
		.1..		WTRSSEND	"X'40'" SEND PDIR
		..1.		WTRSPERR	"X'20'" PERMANENT SNA ERROR
		...1		WTRSRERR	"X'10'" RECOVERABLE TRANS. ERROR
		.... 1...		WTRPDIRN	"X'08'" NEED TO SEND PDIR
1719	(6B7)	BITSTRING	1	WTRSFLG2	OSWD SNA FLAG
		DEFINITION OF WTRSFLG2			
		1...		WTRSNXDS	"X'80'" NEW DS DETECTED
		.1..		WTRSRSRT	"X'40'" DS IS BEING RESTARTED
		..1.		WTRSFOCO	"X'20'" FIRST OF CHAIN - WTR TAKES CHKPT
		...1		WTRSCHKT	"X'10'" WTR TAKES CHKPTS ONLY ON FIRST OF CHAIN
		.... ..1.		WTRSSDEV	"X'02'" WTR HAS SNA DEVICE

Table 146. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1720	(6B8)	BITSTRING	1	WTRSFLG3	SERVICE ROUTINE COMM. FLAG
		DEFINITION OF WTRSFLG3			
		1...		WTRSMSGM	"X'80'" MODIFY OSMP RESPONSE MSG
		.1..		WTRSPFCB	"X'40'" IATXOSP IS FOR FCB LOAD
		..1.		WTRSLDEN	"X'20'" LINE DENSITY REQUEST (SNA)
		...1		WTRSSUSP	"X'10'" SESS. WAS SUSPENDED (OSMP)
		.... 1...		WTRSDSOP	"X'08'" PDIR HAS BEEN SENT FOR DS
1724	(6BC)	SIGNED	4	(0)	
1724	(6BC)	SIGNED	4	WTRSRSV1(5)	RESERVED FOR SNA DEV
1744	(6D0)	SIGNED	4	WTRSRECN	SAVE AREA FOR JOB LINE CNT
1748	(6D4)	SIGNED	4	WTRSRSV2(4)	RESERVED FOR SNA SERVICE
1764	(6E4)	SIGNED	4	WTRSRSV3	RESERVED FOR USER

Table 147. Structure IATODSI

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

		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
36	(24)	SIGNED	2		PAD
		FULL WORD AREAS			
40	(28)	SIGNED	4	WTRIFDMC	FIRST DMC PASSED ON IATXOSG AND STILL IN USE BY CALLER
44	(2C)	SIGNED	4	WTRICDMC	CURRENT DMC IN USE BY OSSI AND/OR BY IATXOSG CALLER
48	(30)	SIGNED	4	WTRILDMC	LAST DATA DMC VALIDITY CHECKED BY OSSI
52	(34)	SIGNED	4	WTRIEDMC	END DMC - LAST DMC USED FOR A READ BY OSSI
56	(38)	SIGNED	4	WTRICRNO	CURRENT RECORD NUMBER
60	(3C)	SIGNED	4	WTRICREC	CURRENT RECORD ADDRESS
64	(40)	SIGNED	4	WTRIDATA	ADDRESS OF DAT AREA
68	(44)	SIGNED	4	WTRICLNO	Current true record number It does not include records with only immediate machine control character as a completed record
72	(48)	SIGNED	4	WTRIDATL	LENGTH OF DAT AREA
76	(4C)	SIGNED	4	WTRIDMCS	START OF DMC CHAIN USED TO FIND ALL DMCS FOR RELEASING CELLS DURING WRITER CLOSE

Table 147. Structure IATODSI (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
80	(50)	SIGNED	4	WTRIPFEC	PAGE FIX ECB
84	(54)	SIGNED	4	WTRIFDBI	ADDRESS OF FDB
88	(58)	SIGNED	4	WTRIVLID	VALIDATION VALUE
92	(5C)	SIGNED	4	WTRIREG0	REGISTER 0
96	(60)	SIGNED	4	WTRIREG1	REGISTER 1
100	(64)	SIGNED	4	WTRIREG2	REGISTER 2
104	(68)	SIGNED	4	WTRIREG3	REGISTER 3
108	(6C)	SIGNED	4	WTRIREGS(5)	REGISTER SAVE AREA
128	(80)	SIGNED	4	WTRIREG9	REGISTER 9
132	(84)	SIGNED	4	WTRIREGA	REGISTER 10
136	(88)	SIGNED	4	WTRIRTN	RETURN ADDRESS
140	(8C)	SIGNED	4	WTRIDEBC	DEBLOCK PARAMETERS
		SPOOL ADDRESSES			
144	(90)	BITSTRING	6	WTRIFSTR	FIRST SPOOL ADDRESS
150	(96)	BITSTRING	6	WTRINXTR	NEXT SPOOL ADDRESS
156	(9C)	BITSTRING	1	WTRISNTR	SPANNED RECORD NOTE ADDRESS
		HALF WORD AREAS			
162	(A2)	SIGNED	2	WTRISNTO	SPANNED RECORD NOTE OFFSET
164	(A4)	SIGNED	2	WTRIDATN	TOTAL DAT COUNT
166	(A6)	SIGNED	2	WTRINDAT	NUMBER OF FREE DATS
168	(A8)	SIGNED	2	WTRIRSET	REMAINING OUTPUT RECORDS/GRP
170	(AA)	SIGNED	2	WTRIOSET	OUTPUT RECORD GROUP SIZE
172	(AC)	SIGNED	2	WTRIISET	INPUT RECORDS/GROUP
174	(AE)	SIGNED	2	WTRIRLFT	ROOM LEFT
		FLAG BYTES			
176	(B0)	BITSTRING	1	WTRIFLG1	FLAG BYTE 1
		DEFINITION OF WTRIFLG1			
		1...		WTRIRDER	"X'80'" READ ERROR
		.1..		WTRIRDSU	"X'40'" SUPRESS READ AHEAD
		..1.		WTRIRPOS	"X'20'" REPOSITION IN PROGRESS
		...1		WTRIPERR	"X'10'" PERMANENT READ ERROR
		.... 1...		WTRIKTRK	"X'08'" KNOWN GOOD SPOOL ADDRESS
		.... .1..		WTRISPLT	"X'04'" SPLIT RECORD TWICE $$$$
		.... ..1.		WTRILINC	"X'02'" SPANNED REC LENGTH INCOMPLTE
		1		WTRINAVR	"X'01'" NAVAIL RETURN ON LAST GET
177	(B1)	BITSTRING	1	WTRCURMK	FREE MASK PASSED TO IATOSSI FROM IATOSWD.
178	(B2)	BITSTRING	1	WTRPREMK	PREVIOUS FREE MASK PASSED TO IATOSSI FROM IATOSWD.
179	(B3)	BITSTRING	1	WTRRSVD2	RESERVED FOR DEVELOPMENT
180	(B4)	BITSTRING	1	WTRDCSED(0)	END OF WORK AREA
180	(B4)	X'8C'	0	WTRDCSIZ	"WTRDCSED-WTRIFDMC" SIZE OF WORK AREA

Table 147. Structure IATODSI (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description

		IATOSSI Trace
		The entries are one byte each and are arranged
		from left to right with the rightmost entry being
		the most current.
		Each byte represents the return offset upon return
		to the caller:
		  00 - End of data return
		  04 - End of file return (last record from a
		      buffer)
		  08 - NAVAIL return
		  0C - Error exit
		  10 - Normal exit
		The NAVAIL return is a special case: consecutive
		entries are not traced. Rather, a count is kept
		of how many times the NAVAIL return has been taken.
		Another field (WTRINVMX) keeps track of the maximum
		value ever reached for a data set.
		To prevent infinite loops, a timer is set for the
		first NAVAIL return. On each subsequent return,
		the timer is compared to the current timer value.
		See IATOSSI for the complete logic.			

180	(B4)	CHARACTER	4	WTRITRCI	Trace ID
184	(B8)	BITSTRING	27	WTRITRCE	Trace area
211	(D3)	BITSTRING	1	WTRITRCL	Last trace entry
212	(D4)	SIGNED	4	WTRRSVS5	Reserved for service
216	(D8)	SIGNED	2	WTRINVCT	Consecutive NAVAIL count
218	(DA)	SIGNED	2	WTRINVMX	High watermark of consecutive NAVAIL count
220	(DC)	SIGNED	4	WTRRSVS3(2)	RESERVED FOR SERVICE
228	(E4)	SIGNED	4	WTRRSVD3(2)	RESERVED FOR DEVELOPMENT
236	(EC)	SIGNED	4	WTRRSVU3(2)	RESERVED FOR USER

Table 148. Cross Reference for IATYWTR2

Name	Offset	Hex Tag
IATODSI	0	
IATXOSCI	4D8	
IATXOSCO	4C8	
IATXOSG	4D4	
IATXOSOI	4D0	
IATXOSOO	4C0	
IATXOSP	4C4	
M00M0006	0	280
WTRCIMPL	F0	40404040
WTRCRDS	4B8	0
WTRCURMK	B1	0
WTRDAREA	4E0	
WTRDATE	478	0
WTRDCCDB	2C	
WTRDCDEP	4DC	
WTRDCFLG	EA	0
WTRDCLR	4CC	
WTRDCMDQ	628	80
WTRDCRVS	EA	80
WTRDCSED	B4	

Table 148. Cross Reference for IATYWTR2 (continued)

Name	Offset	Hex Tag
WTRDCSIZ	B4	8C
WTRDCTAD	538	
WTRDCTPG	620	0
WTRDCUPG	61C	0
WTRDDCDB	8C	
WTRDDIAG	51C	
WTRDDSER	520	
WTRDDSN	5C4	40404040
WTRDDSNF	105	
WTRDDSNL	104	
WTRDFAIL	4A4	
WTRDFDJN	528	
WTRDFLGI	49B	0
WTRDFLGO	45C	0
WTRDFSA	54E	0
WTRDFSID	54C	
WTRDFSS	54C	0
WTRDIARE	4F0	
WTRDICDE	4EC	
WTRDIDDN	488	40404040
WTRDIDEV	498	404040
WTRDIMOD	497	0
WTRDINAM	4F4	40404040
WTRDINTS	4B0	
WTRDINTV	EC	40
WTRDINVO	102	80
WTRDISTY	493	40404040
WTRDITYP	490	404040
WTRDJDST	62F	40
WTRDJFLG	62F	70
WTRDJFLS	62F	20
WTRDJFRM	62F	10
WTRDJID	5E4	40404040
WTRDJNAM	5DC	40404040
WTRDLDCM	102	20
WTRDLDST	102	10
WTRDLFCB	102	1
WTRDLFLS	102	8
WTRDLFRM	102	4
WTRDLGCR	540	
WTRDLMRC	102	80
WTRDLMSG	102	40
WTRDLOCN	631	10
WTRDLUCS	102	2
WTRDMDDS	514	
WTRDMDD2	518	

Table 148. Cross Reference for IATYWTR2 (continued)

Name	Offset	Hex Tag
WTRDMGAC	534	1
WTRDMGNA	534	0
WTRDMPRQ	680	B
WTRDMSAV	629	0
WTRDMSG	230	
WTRDMSGF	EC	0
WTRDMSGI	2C4	0
WTRDMSGO	3B0	40404040
WTRDMSGP	EC	80
WTRDMSGR	534	
WTRDM731	ED	0
WTRDNAME	508	
WTRDODDN	428	40404040
WTRDODEV	438	40404040
WTRDODV3	438	439
WTRDOFLG	628	1
WTRDOMOD	437	0
WTRDONAM	4E4	40404040
WTRDOSTY	433	40404040
WTRDOTOK	18F	F0404040
WTRDOTYP	430	404040
WTRDPFLG	102	0
WTRDPGCT	4BC	0
WTRDPPSR	530	
WTRDPSTF	628	0
WTRDQMSG	504	
WTRDRCDS	4B4	0
WTRDRCER	628	4
WTRDRFOR	500	
WTRDRLJN	52C	
WTRDRSQ	5EC	
WTRDRSV1	664	0
WTRDRSV2	66C	0
WTRDRSV3	680	0
WTRDRSV5	4AC	0
WTRDRTOK	1DF	F0404040
WTRDSADD	628	8
WTRDSECA	24	
WTRDSECT	0	
WTRDSNAM	524	
WTRDSPRT	628	40
WTRDSTQ1	680	14
WTRDSTQ2	680	15
WTRDSTQ3	680	16
WTRDSTQ4	680	17
WTRDSTUP	50C	

Table 148. Cross Reference for IATYWTR2 (continued)

Name	Offset	Hex Tag
WTRDSUPI	4A8	
WTRDSUPO	484	
WTRDTMEX	EC	20
WTRDTMOT	628	2
WTRDTYPE	430	
WTRDUDST	62F	4
WTRDUFLG	62F	7
WTRDUFLS	62F	2
WTRDUFRM	62F	1
WTRDWAIT	510	
WTRDWSTM	634	0
WTRDXCDB	280	
WTRDXCDB_KEYUSED_CMDIND	2A7	80
WTRDXCDB_XABEND	289	
WTRDXCDB_XABEND_NO	289	40
WTRDXCDB_XABEND_YES	289	80
WTRDXCDB_XCART	2AC	
WTRDXCDB_XCMDIND_NO	2A6	40
WTRDXCDB_XCMDIND_YES	2A6	80
WTRDXCDB_XCNDB	28C	
WTRDXCDB_XCONSID	29C	
WTRDXCDB_XCONSNM	298	
WTRDXCDB_XEYECATCH	281	
WTRDXCDB_XFLAG1	287	
WTRDXCDB_XFLAG2	2A6	
WTRDXCDB_XINCNDB	294	
WTRDXCDB_XKEYS	2A7	
WTRDXCDB_XOPERATION_EXTRACTCART	0	10
WTRDXCDB_XOPERATION_EXTRACTCONSID	287	100
WTRDXCDB_XOPERATION_EXTRACTCONSNAME	287	80
WTRDXCDB_XOPERATION_EXTRACTCONSTYPE	0	40
WTRDXCDB_XOPERATION_EXTRACTROUT	0	20
WTRDXCDB_XOPERATION_INITIALIZE	287	8000
WTRDXCDB_XOPERATION_RESET	287	1000
WTRDXCDB_XOPERATION_TRANSCONSID	287	400
WTRDXCDB_XOPERATION_TRANSFER	287	4000
WTRDXCDB_XOPERATION_TRANSROUT	287	200
WTRDXCDB_XOPERATION_UPDATE	287	2000
WTRDXCDB_XOPERATION_VERIFY	287	800
WTRDXCDB_XOUTCART	2BC	
WTRDXCDB_XOUTCNDB	290	
WTRDXCDB_XOUTCONSID	2A0	
WTRDXCDB_XOUTCONSNAME	2B0	
WTRDXCDB_XOUTCONSTYPE	2B4	
WTRDXCDB_XOUTROUT	2B8	
WTRDXCDB_XROUT	2A8	

Table 148. Cross Reference for IATYWTR2 (continued)

Name	Offset	Hex Tag
WTRDXCDB_XRSV001	28B	
WTRDXCDB_XRSV002	2A4	
WTRDXCDB_XUSERADDR	28A	
WTRDXCDB_XVERSION	280	
WTRDXCDBL	2BC	40
WTRDYNAM	5F0	C4E8D5C1
WTRENFDS	49B	40
WTRENTNM	131	
WTRFCKAL	631	20
WTRFCLPI	631	4
WTRFCLR	5C3	4
WTRFCPER	4CC	4CC
WTRFCPIP	631	2
WTRFDCPI	5C3	80
WTRFDOSU	5C3	1
WTRFDRET	5C2	8
WTRFDSAD	5F8	
WTRFDSUP	5C2	4
WTRFDUMP	5C1	2
WTRFDVRS	5C2	1
WTRFENQ	184	
WTRFENQW	680	1B
WTRFFAIL	5C3	2
WTRFFIT	631	80
WTRFFLGA	633	0
WTRFFLG1	5C0	0
WTRFFLG2	5C1	0
WTRFFLG3	5C2	0
WTRFFLG4	5C3	0
WTRFFLG5	62E	0
WTRFFLG6	62F	0
WTRFFLG7	630	0
WTRFFLG8	631	0
WTRFFLG9	632	0
WTRFFRIP	62E	10
WTRFFSA	5C0	20
WTRFFSAA	5C0	8
WTRFFSRC	5C1	20
WTRFFSS	5C0	40
WTRFFSSA	5C0	10
WTRFGDEP	4EC	
WTRFGDRN	574	0
WTRFGDSF	680	E
WTRFGRCM	630	40
WTRFGTRL	5C2	80
WTRFINEP	4E4	

Table 148. Cross Reference for IATYWTR2 (continued)

Name	Offset	Hex Tag
WTRFINZ0	631	40
WTRFISET	5C1	40
WTRFIWTO	631	8
WTRFJMRA	660	0
WTRFJNDS	5C3	10
WTRFJNNX	5C3	8
WTRFJOSL	62E	8
WTRFJTRL	5C3	20
WTRFMANU	630	80
WTRFMFSS	5C0	80
WTRFMID	558	40404040
WTRFMPAD	568	
WTRFMPDL	5C1	80
WTRFMPER	5C0	2
WTRFNCKP	5C0	1
WTRFNDMP	632	4
WTRFNEWS	633	40
WTRFOSDP	631	1
WTRFPDQC	604	
WTRFPDQF	5FC	
WTRFPDQL	600	
WTRFPDQS	60C	
WTRFPORQ	5C1	4
WTRFPRIM	630	10
WTRFQREQ	62E	2
WTRFQUET	632	40
WTRFRCFM	575	0
WTRFRCUR	5C1	1
WTRFRDEP	4F0	
WTRFRECL	576	0
WTRFRESP	5C0	4
WTRFRLTM	633	20
WTRFRSCD	5C3	40
WTRFRSTR	62E	80
WTRFRSVD	590	
WTRFRSVS	59C	
WTRFRSVU	5AC	
WTRFRSVX	608	
WTRFRSV1	4DC	
WTRFRTMI	633	10
WTRFRVA3	633	8
WTRFRVA4	633	4
WTRFRVA5	633	2
WTRFRVA6	633	1
WTRFSAAC	680	1
WTRFSAAD	564	

Table 148. Cross Reference for IATYWTR2 (continued)

Name	Offset	Hex Tag
WTRFSABN	630	4
WTRFSAFL	53C	
WTRFSARS	5C2	2
WTRFSASA	680	5
WTRFSATM	630	8
WTRFSDDN	62E	1
WTRFSEET	632	80
WTRFSETE	4E0	
WTRFSMSG	5C2	10
WTRFSNUM	680	13
WTRFSRS	62E	4
WTRFSSAD	560	
WTRFSSNM	550	40404040
WTRFSSSA	680	4
WTRFSTAR	56C	0
WTRFSTAT	EC	1
WTRFSTRS	62E	40
WTRFSVAL	5C2	20
WTRFSV10	570	0
WTRFSWRK	58C	
WTRFSYET	632	20
WTRFSYWM	588	
WTRFSYWT	62E	20
WTRFTEEP	4F4	
WTRFTREQ	5C2	40
WTRFUIR	5C1	10
WTRFUX45	63C	0
WTRFVOFF	630	20
WTRFWOSU	62B	0
WTRFWUAL	632	1
WTRF0FDB	633	80
WTRF3MSG	598	
WTRGDPDQ	680	1E
WTRGDSST	680	12
WTRICDMC	2C	0
WTRICKPG	630	2
WTRICKSC	630	1
WTRICLNO	44	0
WTRICREC	3C	0
WTRICRNO	38	0
WTRICURR	624	0
WTRIDATA	40	0
WTRIDATL	48	0
WTRIDATN	A4	0
WTRIDEBC	8C	0
WTRIDLES	188	0

Table 148. Cross Reference for IATYWTR2 (continued)

Name	Offset	Hex Tag
WTRIDMCS	4C	0
WTRIEDMC	34	0
WTRIFDBI	54	0
WTRIFDMC	28	0
WTRIFLG1	B0	0
WTRIFSTR	90	0
WTRIISET	AC	0
WTRIKTRK	B0	8
WTRILDMC	30	0
WTRILINC	B0	2
WTRINAVR	B0	1
WTRINDAT	A6	0
WTRINVCT	D8	0
WTRINVMX	DA	0
WTRINXTR	96	0
WTRIOSET	AA	0
WTRIPERR	B0	10
WTRIPFEC	50	0
WTRIRCUR	EC	10
WTRIRDER	B0	80
WTRIRDSU	B0	40
WTRIREGA	84	0
WTRIREGS	6C	0
WTRIREG0	5C	0
WTRIREG1	60	0
WTRIREG2	64	0
WTRIREG3	68	0
WTRIREG9	80	0
WTRIRLFT	AE	0
WTRIRPOS	B0	20
WTRIRSET	A8	0
WTRIRTN	88	0
WTRISNTO	A2	0
WTRISNTR	9C	0
WTRISPLT	B0	4
WTRISTAR	628	10
WTRITRCE	B8	0
WTRITRCI	B4	E3D9C3C5
WTRITRCL	D3	0
WTRIVLID	58	0
WTRIWFIT	680	F
WTRI7030	628	20
WTRJPDV	EC	4
WTRJTRNX	632	8
WTRLNTRN	EC	2
WTRMPEPT	4FC	

Table 148. Cross Reference for IATYWTR2 (continued)

Name	Offset	Hex Tag
WTRNOACT	632	10
WTRNOSPN	62A	0
WTRNSTAR	680	1C
WTRNZIOR	680	10
WTROCDEP	548	
WTROCHK	450	
WTROCHOR	EC	8
WTROCLOS	45C	40
WTROCONS	45C	8
WTROCOPY	450	0
WTRODS	45C	4
WTROLBL	45C	10
WTROLGSL	166	
WTROLGST	167	
WTROLIST	45C	1
WTROLRCL	626	0
WTRONNP	45C	1
WTROPAGE	458	0
WTROPPQF	610	
WTROPPQL	618	
WTROPPQN	614	
WTROREAL	45C	20
WTROREC	454	0
WTROREG	45C	2
WTRORJCT	45C	80
WTROTRUN	45C	20
WTROVOL	45C	8
WTROVSTP	680	1D
WTROWTRX	544	
WTRPDIRN	6B6	8
WTRPDQER	680	2
WTRPREMK	B2	0
WTRPSSCA	180	
WTRP0FDB	680	1A
WTRQURYF	680	11
WTRRSVD0	EB	0
WTRRSVD1	4A2	0
WTRRSVD2	B3	0
WTRRSVD3	E4	0
WTRRSVD6	578	
WTRRSVD8	18C	
WTRRSVD9	45D	
WTRRSVS0	EE	0
WTRRSVS1	2C0	0
WTRRSVS2	22F	0
WTRRSVS3	DC	0

Table 148. Cross Reference for IATYWTR2 (continued)

Name	Offset	Hex Tag
WTRRSVS5	D4	0
WTRRSVU3	EC	0
WTRSAFOK	103	40
WTRSCFLG	103	0
WTRSCGMN	103	80
WTRSCHFL	694	694
WTRSCHKT	6B7	10
WTRSCHLN	694	696
WTRSCHPG	694	695
WTRSCHSZ	694	0
WTRSCOPY	6B4	0
WTRSCTAB	6AC	0
WTRSDSOP	6B8	8
WTRSECPT	28	
WTRSETDV	680	D
WTRSFCBO	6A4	40404040
WTRSFLG1	6B6	0
WTRSFLG2	6B7	0
WTRSFLG3	6B8	0
WTRSFMH2	6B6	80
WTRSFOCO	6B7	20
WTRSFRMS	698	40404040
WTRSLDEN	6B8	20
WTRSMSGM	6B8	80
WTRSNREC	684	0
WTRSNXDS	6B7	80
WTRSPAN	62A	80
WTRSPDEV	680	A
WTRSPERR	6B6	20
WTRSPFCB	6B8	40
WTRSPFIR	62A	C0
WTRSPFLG	62A	0
WTRSPFSA	680	8
WTRSPFSS	680	6
WTRSPLST	62A	A0
WTRSPNTH	62A	80
WTRSPPAD	5A8	
WTRSRECN	6D0	0
WTRSRERR	6B6	10
WTRSRLN	62C	0
WTRSRSRT	6B7	40
WTRSRSVD	6B5	0
WTRSRSV1	6BC	0
WTRSRSV2	6D4	0
WTRSRSV3	6E4	0
WTRSSDEV	6B7	2

Table 148. Cross Reference for IATYWTR2 (continued)

Name	Offset	Hex Tag
WTRSSEND	6B6	40
WTRSSUSP	6B8	10
WTRSTACC	49B	80
WTRSTART	0	
WTRSTDEV	680	9
WTRSTFSA	680	7
WTRSUCSO	6A0	40404040
WTRSWBF	460	0
WTRSWBN	46C	0
WTRSWBP	468	0
WTRSWBSZ	46E	0
WTRSYNDV	680	C
WTRTIME	470	40404040
WTRTUSID	47C	40404040
WTRT7008	F8	C4E240C9
WTRWOSER	49B	20
WTRWSPUP	632	2
WTRXCPDS	580	
WTRXFSER	680	3
WTRXLMSD	584	
WTRXOSEN	43C	

IATYWTR3 information

IATYWTR3 programming interface information

The following fields are **<u>NOT</u>** programming interface information:

- IATXOSCI
- IATXOSCO
- IATXOSG
- IATXOSOI
- IATXOSOO
- IATXOSP
- WTRDCLR
- WTRDCTAD
- WTRDDIAG
- WTRDDSER
- WTRDFAIL
- WTRDFDJN
- WTRDLGCR
- WTRDMDDS
- WTRDMDD2
- WTRDMSAV
- WTRDMSGR

- WTRDNAME
- WTRDPPSR
- WTRDQMSG
- WTRDRFOR
- WTRDRLJN
- WTRDSNAM
- WTRDSTUP
- WTRDWAIT
- WTRFCPER
- WTRFGDEP
- WTRFINEP
- WTRFPDQC
- WTRFPDQF
- WTRFPDQL
- WTRFPDQS
- WTRFRDEP
- WTRFSAFL
- WTRFSETE
- WTRFSV10
- WTRFTEEP
- WTRIFDBI
- WTRIFLG1
- WTRIPTK1
- WTRIPTK2
- WTRIRCDS
- WTRISLEN
- WTRMPEPT
- WTROCDEP
- WTROPPQF
- WTROPPQL
- WTROPPQN
- WTROWTRX
- WTRPRD14
- WTRPREG2
- WTRPRL14
- WTRPSAV1
- WTRPSAV2
- WTRPSAV3
- WTRPSAV4
- WTRPSM14
- WTRPSSCA
- WTRPSV14
- WTRPWT14

- WTRSNREC
- WTRSRECN
- WTRWPRSQ

IATYWTR3 heading information

Common name:	WRITER WORK/CONTROL AREA
Macro ID:	IATYWTR
DSECT name:	WTRDSECT, IOSB
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	IATODFD, IATODPN, IATODPR, IATODSI, IATODSN, or IATODWD Offset: 0 Length: 8 Note: The Eye-Catcher will be the name of the module that expands it as a CSECT.
Storage attributes:	Auxiliary Storage: N/A Subpool: 251
Size:	WTRDSECT - 0.2K IOSB - WTROODSZ
Created by:	N/A
Pointed to by:	R13 WHILE IN THE DRIVER OR SUPPORT MODULE WHICH IS REFERENCING IT ALSO: WTRDIARE --> INPUT AREA WTRDAREA --> OUTPUT AREA
Serialization:	FIELDS WHICH HAVE SERIALIZED ACCESS WSPFDBS - BETWEEN THE WRITER AND PPQ MANAGER (I.E. ONLY ONE USER OF THE WOSE FDB) WTRODIEF & WTROFLGS - THE ODIEF FLAG IS USED BY THE DIE ROUTINE (IATOSDI) TO POST (VIA CS) THE SUPPORT ROUTINE (E.G. IATOSPR) WHEN AN EVENT HAS OCCURRED. THE OFLGS FIELD IS EQUATED TO THE SAME BYTE AS ODIEF.
Function:	PROVIDE DATA CSECTS NEEDED BY OUTPUT SERVICE DRIVERS AND SUPPORT ROUTINES FOR OUTPUT WRITER PROCESSING

IATYWTR3 mapping

Table 149. Structure WTRDSECT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	WTRDSECT	
0	(0)	SIGNED	4	WTRSTART(0)	DATA AREA START

```
       IATYMOD BR=NO
               JES3 MODULE ENTRY POINT IDENTIFIER
  01 Change Activity:
     $SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0
```

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		OUTPUT SERVICE WRITER DATA AREA THE SECURITY PARAMETER LIST FOR WRITERS IS ANCHORED IN WTRDSECA BELOW. IT IS AGETMAINED IN IATOSWC.			
36	(24)	ADDRESS	4	WTRDSECA	SECURITY DATA PARM LIST FOR IATXSEC SECURITY MACRO
40	(28)	SIGNED	4	WTRSECPT	IATYSEC PTR FOR WTRPWSPA

TRDCCDB IATYCNDB DSECT=NO CALLING CONSOLE INFORMATION
  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
44	(2C)	SIGNED	4	WTRDCCDB(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

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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

```
TRDDCDB IATYCNDB DSECT=NO DEVICE RELATED CONSOLE
                          INFORMATION
  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
140	(8C)	SIGNED	4	WTRDDCDB(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

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
168	(A8)	BITSTRING	24		Reserved for development
192	(C0)	SIGNED	2		Reserved for development
194	(C2)	BITSTRING	40		Reserved for development INFORMATION
		DEFINITION OF WTRDCFLG			
234	(EA)	BITSTRING	1	WTRDCFLG	OUTPUT SERVICE WRITER FLAG
		1...		WTRDCRVS	"X'80'" Reserved for service
		THIS LINE DELETED BY APAR OW22430			
235	(EB)	BITSTRING	1	WTRRSVD0	RESERVED FOR DEVELOPMENT
236	(EC)	BITSTRING	1	WTRDMSGF	MESSAGE FLAGS
		DEFINITION OF WTRDMSGF			
		1...		WTRDMSGP	"X'80'" COMMAND PENDING IN WTRDMSGI
		.1..		WTRDINTV	"X'40'" INTERVENTION REQUIRED PEND.
		..1.		WTRDTMEX	"X'20'" TIMER HAS EXPIRED
		...1		WTRIRCUR	"X'10'" FAILSOFT RECURSION
		.... 1...		WTROCHOR	"X'08'" OUTPUT DEV IS CHAN-ORIENTED
		.... .1..		WTRJPDV	"X'04'" RJP DEVICE
		.... ..1.		WTRLNTRN	"X'02'" RJP LINE TURNAROUND
		1		WTRFSTAT	"X'01'" FSS CONTROLLER POST REQUEST
237	(ED)	BITSTRING	1	WTRDM731	IATOSSI DM731 footprint
238	(EE)	SIGNED	2	WTRRSVS0	RESERVED FOR SERVICE
240	(F0)	CHARACTER	8	WTRCIMPL	COMMAND IMPLEMENTATION MOD
248	(F8)	CHARACTER	10	WTRT7008	TEXT FOR IAT7008
258	(102)	BITSTRING	1	WTRDPFLG	PARAMETER FLAGS
		DEFINITION OF WTRDPFLG			
		1...		WTRDINVO	"X'80'" INVALID CONTROL CHARACTER.
		.1..		WTRDLMSG	"X'40'" LOAD MESSAGE REQUIRED
		..1.		WTRDLDCM	"X'20'" COPY MOD MUST BE LOADED
		...1		WTRDLDST	"X'10'" STACKER MUST BE CHANGED
		.... 1...		WTRDLFLS	"X'08'" FLASH MUST BE CHANGED
		.... .1..		WTRDLFRM	"X'04'" FORMS MUST BE LOADED
		.... ..1.		WTRDLUCS	"X'02'" UCS MUST BE LOADED
		1		WTRDLFCB	"X'01'" FCB/CTAPE MUST BE LOADED
258	(102)	X'80'	0	WTRDLMRC	"WTRDINVO" REF CHAR MUST BE LOADED
		FIELDS FOR SECURITY INFORMATION FOR WRITERS			
259	(103)	BITSTRING	1	WTRSCFLG	SECURITY FLAG BYTE
		1...		WTRSCGMN	"X'80'" AGETMAIN FOR YSEC PERFORMED
		.1..		WTRSAFOK	"X'40'" SAF AUTHORIZATION RECEIVED-0546 DO NOT BYPASS IATOSNT 0546
		FULL DATA SET NAME AND SAF ENTITY NAME			
260	(104)	BITSTRING	1	WTRDDSNL	LENGTH OF WTRDDSNF

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
261	(105)	BITSTRING	44	WTRDDSNF	MAX DATASET NAME SIZE
305	(131)	BITSTRING	1	WTRENTNM	SAF ENTITY NAME
		LOGSTR FOR IATXSEC CALLS			
358	(166)	BITSTRING	1	WTROLGSL	LENGTH OF WTROLGST
359	(167)	CHARACTER	24	WTROLGST	MAX LOGSTRING SIZE
384	(180)	ADDRESS	4	WTRPSSCA	PTR TO YPSSC CONTROL BLOCK 0357
388	(184)	SIGNED	4	WTRFENQ	AENQ COUNT FOR FSS WRITERS
392	(188)	SIGNED	4	WTRIDLES	Start of idle period
396	(18C)	BITSTRING	3	WTRRSVD8	RESERVED FOR DEVELOPMENT
399	(18F)	CHARACTER	80	WTRDOTOK	SECURITY TOKN OF OWNING JOB
479	(1DF)	CHARACTER	80	WTRDRTOK	DATA SET SECURITY TOKEN 0094
559	(22F)	BITSTRING	1	WTRRSVS2	Reserved for Service
WTRDMSG MESSAGE TEXT=WTRDMSGO,MF=L $T6=z1.13.0 HJS7780 110309 PD0TN: z 1.13.0					
560	(230)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
560	(230)	ADDRESS	4	WTRDMSG	Text Address
564	(234)	BITSTRING	2		Destination Disp and Mask
566	(236)	BITSTRING	1		ACTION flag
567	(237)	ADDRESS	1		Options Flag
568	(238)	BITSTRING	2		Descriptor Codes
570	(23A)	SIGNED	2		Reserved 2 Bytes
572	(23C)	BITSTRING	17		Routing Codes
589	(24D)	BITSTRING	1	(3)	Reserved
592	(250)	BITSTRING	1	(8)	Jobid
600	(258)	BITSTRING	1	(8)	Jobname
608	(260)	BITSTRING	1	(8)	Key
616	(268)	ADDRESS	4		CNDB Address 1
620	(26C)	ADDRESS	4		CNDB Address 2
624	(270)	ADDRESS	4		CNDB Address 3
628	(274)	ADDRESS	4		CNDB Address 4
632	(278)	ADDRESS	4		CNDB Address 5
636	(27C)	ADDRESS	4		MLWO Address
IATXCNDB MF=(L,WTRDXCDB) MACDATE -94/10/04-<3>					
0	(0)	X'280'	0	M00M0055	"WTRDXCDB" ++ IATXCNDB NAME
640	(280)	DBL WORD	8	WTRDXCDB(0)	++ IATXCNDB PARM LIST
640	(280)	BITSTRING	1	WTRDXCDB_XVERSION	++ INPUT XVERSION
641	(281)	CHARACTER	6	WTRDXCDB_XEYECATCH	++ CONSTANT
647	(287)	BITSTRING	2	WTRDXCDB_XFLAG1	++ FIELD_LABEL
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_INITIALIZE	
					"B'1000000000000000'" ++ XOPERATION.INITIALIZE KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_TRANSFER	

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
					"B'0100000000000000'" ++ XOPERATION.TRANSFER KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_UPDATE	"B'0010000000000000'" ++ XOPERATION.UPDATE KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_RESET	"B'0001000000000000'" ++ XOPERATION.RESET KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_VERIFY	"B'0000100000000000'" ++ XOPERATION.VERIFY KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_TRANSCONSID	
					"B'0000010000000000'" ++ XOPERATION.TRANSCONSID KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_TRANSROUT	
					"B'0000001000000000'" ++ XOPERATION.TRANSROUT KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_EXTRACTCONSID	
					"B'0000000100000000'" ++ XOPERATION.EXTRACTCONSID KEYWORD
		1...		WTRDXCDB_XOPERATION_EXTRACTCONSNAME	
					"B'0000000010000000'" ++ XOPERATION.EXTRACTCONSNAME KEYWOR
		.1..		WTRDXCDB_XOPERATION_EXTRACTCONSTYPE	
					"B'0000000001000000'" ++ XOPERATION.EXTRACTCONSTYPE KEYWOR
		..1.		WTRDXCDB_XOPERATION_EXTRACTROUT	
					"B'0000000000100000'" ++ XOPERATION.EXTRACTROUT KEYWORD
		...1		WTRDXCDB_XOPERATION_EXTRACTCART	
					"B'0000000000010000'" ++ XOPERATION.EXTRACTCART KEYWORD
649	(289)	BITSTRING	1	WTRDXCDB_XABEND	++ INPUT
		1...		WTRDXCDB_XABEND_YES	"B'10000000'" ++ XABEND.YES KEYWORD
		.1..		WTRDXCDB_XABEND_NO	"B'01000000'" ++ XABEND.NO KEYWORD
650	(28A)	BITSTRING	1	WTRDXCDB_XUSERADDR	++ FIELD_LABEL
651	(28B)	CHARACTER	1	WTRDXCDB_XRSV001	++ RESERVED
652	(28C)	ADDRESS	4	WTRDXCDB_XCNDB	++
656	(290)	ADDRESS	4	WTRDXCDB_XOUTCNDB	++
660	(294)	ADDRESS	4	WTRDXCDB_XINCNDB	++
664	(298)	ADDRESS	4	WTRDXCDB_XCONSNM	++
668	(29C)	ADDRESS	4	WTRDXCDB_XCONSID	++
672	(2A0)	ADDRESS	4	WTRDXCDB_XOUTCONSID	++
676	(2A4)	CHARACTER	2	WTRDXCDB_XRSV002	++ RESERVED
678	(2A6)	BITSTRING	1	WTRDXCDB_XFLAG2	++ FIELD_LABEL
		1...		WTRDXCDB_XCMDIND_YES	"B'10000000'" ++ XCMDIND.YES KEYWORD
		.1..		WTRDXCDB_XCMDIND_NO	"B'01000000'" ++ XCMDIND.NO KEYWORD
679	(2A7)	BITSTRING	1	WTRDXCDB_XKEYS	++ FIELD_LABEL
		1...		WTRDXCDB_KEYUSED_CMDIND	"B'10000000'" ++ KEYUSED.CMDIND KEYWORD
680	(2A8)	ADDRESS	4	WTRDXCDB_XROUT	++
684	(2AC)	ADDRESS	4	WTRDXCDB_XCART	++
688	(2B0)	ADDRESS	4	WTRDXCDB_XOUTCONSNAME	++

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
692	(2B4)	ADDRESS	4	WTRDXCDB_XOUTCONSTYPE	++
696	(2B8)	ADDRESS	4	WTRDXCDB_XOUTROUT	++
700	(2BC)	ADDRESS	4	WTRDXCDB_XOUTCART	++
700	(2BC)	X'40'	0	WTRDXCDBL	"*-WTRDXCDB" ++ LENGTH OF PLIST
				IATXCNDB-3	
704	(2C0)	SIGNED	2	WTRRSVS1	RESERVED FOR SERVICE
708	(2C4)	SIGNED	4	(0)	
708	(2C4)	BITSTRING	1	WTRDMSGI	
944	(3B0)	CHARACTER	120	WTRDMSGO	OUTPUT MESSAGE AREA
THESE LINES DELETED BY PAR0301					
1064	(428)	CHARACTER	8	WTRDODDN	OUTPUT COMPONENT DDNAME
THE FOLLOWING FOUR FIELDS MUST REMAIN TOGETHER					
1072	(430)	CHARACTER	8	WTRDTYPE(0)	OUTPUT TYPE - FROM SUPTYPE 0053
1072	(430)	CHARACTER	3	WTRDOTYP	OUTPUT COMPONENT GTYPE
1075	(433)	CHARACTER	4	WTRDOSTY	OUTPUT COMPONENT STYPE
1079	(437)	BITSTRING	1	WTRDOMOD	OUTPUT COMPONENT MODEL
END OF RELATION FOR FIELDS WTRDTYPE -> WTRDOMOD 0					
1080	(438)	CHARACTER	4	WTRDODEV	OUTPUT DEVICE NUMBER
1080	(438)	X'439'	0	WTRDODV3	"WTRDODEV+1,3" 3 DIGIT PORTION OF DEVICE NUMBER WTRDODEV
$SK = ENF58CK HJS7708 020916 ID1RS: z 1.5.0 IATXOSEN MF=L					
1084	(43C)	SIGNED	4	WTRXOSEN(0)	List form
1084	(43C)	ADDRESS	4		CTOKEN address
1088	(440)	ADDRESS	4		New client token address
1092	(444)	ADDRESS	4		Address of system hold reason
1096	(448)	ADDRESS	4		Address of reason text
1100	(44C)	ADDRESS	4		Address of checkpoint data
When ENF58 signal is issued for non-FSS writers, the following fields will have the checkpointed copy, record and page counts. The following three fields must always be together. The 12 byte area will be passed in the CHK= parameter on the IATXOSEN macro while issuing the checkpoint ENF58 signal.					
1104	(450)	BITSTRING	12	WTROCHK(0)	
1104	(450)	SIGNED	4	WTROCOPY	Copy count
1108	(454)	SIGNED	4	WTROREC	Record count
1112	(458)	SIGNED	4	WTROPAGE	Page count (not used for line mode printers)
1116	(45C)	BITSTRING	1	WTRDFLGO	OUTPUT COMPONENT FLAG BYTE
DEFINITION OF WTRDFLGO					

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1...		WTRORJCT	"X'80'" ONLY ALLOW ONE OPER COMMAND
		.1..		WTROCLOS	"X'40'" PERFORM JESCLOSE ONLY $$$$
		..1.		WTROREAL	"X'20'" LABEL=REAL ON IATXOSOO LABEL=FINAL ON IATXOSCO
		..1.		WTROTRUN	"X'20'" TRUNC=YES ON IATXOSP
		...1		WTROLBL	"X'10'" SETUP CALL
		.... 1...		WTROVOL	"X'08'" GENERATE VOL LABEL
1116	(45C)	X'8'	0	WTROCONS	"WTROVOL" SUSPEND FOR CONSOLE OUT
		.... .1..		WTRODS	"X'04'" GENERATE DS LABEL
		.... ..1.		WTROREG	"X'02'" PARMS ARE IN REG
		1		WTRONNP	"X'01'" NEWPAGE=NO ON IATXOSOO
		1		WTROLIST	"X'01'" PARMS ARE IN LIST (IATXOSP)
1117	(45D)	BITSTRING	3	WTRRSVD9	RESERVED FOR DEVELOPMENT
1120	(460)	BITSTRING	6	WTRSWBF	M.R FOR SWB IN STG- WTRSWBP
1128	(468)	SIGNED	4	WTRSWBP	ADDRESS OF SWB POINTER LIST D015 FOR SMF6 MAPPED BY IEFSJTRP D015
1132	(46C)	SIGNED	2	WTRSWBN	NUMBER OF SWB POINTERS IN D015 WTRSWBP LIST D015
1134	(46E)	SIGNED	2	WTRSWBSZ	TOTAL SIZE OF SWBTU POINTED D015 TO BY WTRSWBP LIST D015
1136	(470)	CHARACTER	8	WTRTIME	PRINTER START TIME IN EBCDIC
1144	(478)	SIGNED	4	WTRDATE	PRINTER START DATE IN JULIAN
1148	(47C)	CHARACTER	8	WTRTUSID	TSO USERID
1156	(484)	ADDRESS	4	WTRDSUPO	OUTPUT SUPUNITS ADDRESS
1160	(488)	CHARACTER	8	WTRDIDDN	INPUT COMPONENT DDNAME
1168	(490)	CHARACTER	3	WTRDITYP	INPUT COMPONENT GTYPE
1171	(493)	CHARACTER	4	WTRDISTY	INPUT COMPONENT STYPE
1175	(497)	BITSTRING	1	WTRDIMOD	INPUT COMPONENT MODEL
1176	(498)	CHARACTER	3	WTRDIDEV	INPUT DEVICE ADDRESS
1179	(49B)	BITSTRING	1	WTRDFLGI	INPUT COMPONENT FLAG BYTE
		DEFINITION OF WTRDFLGI			
		1...		WTRSTACC	"X'80'" IATXOSG CALLER ACCEPTS STREAM MODE/SPANNED RECORDS TWO BUFFERS
		.1..		WTRENFDS	"X'40'" Issue ENF signal for non-FSS writer data set selection
		..1.		WTRWOSER	"X'20'" Need to release WOSE
1186	(4A2)	SIGNED	2	WTRRSVD1	RESERVED FOR DEVELOPMENT
1188	(4A4)	ADDRESS	4	WTRDFAIL	DUMP/RETURN ROUTINE ADDRESS
1192	(4A8)	ADDRESS	4	WTRDSUPI	INPUT SUPUNITS ADDRESS
1196	(4AC)	SIGNED	4	WTRDRSV5	RESERVED FOR SERVICE
1200	(4B0)	ADDRESS	4	WTRDINTS	INTERVENTION REQ. SUPUNITS
1204	(4B4)	SIGNED	4	WTRDRCDS	OUTPUT RECORD COUNT
1208	(4B8)	SIGNED	4	WTRCRDS	OUTPUT RECD CONT FOR INQUIRY
1212	(4BC)	SIGNED	4	WTRDPGCT	OUTPUT PAGE COUNT
1216	(4C0)	ADDRESS	4	IATXOSOO	OUTPUT COMPONENT OPEN ADDR.
1220	(4C4)	ADDRESS	4	IATXOSP	OUTPUT COMPONENT PUT ADDR.
1224	(4C8)	ADDRESS	4	IATXOSCO	OUTPUT COMPONENT CLOSE ADDR.

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1228	(4CC)	ADDRESS	4	WTRDCLR	OUTPUT BUFFER-CLEARING RTN.
1228	(4CC)	X'4CC'	0	WTRFCPER	"WTRDCLR" FSS WTR CHKPOINT ERROR RTN.
1232	(4D0)	ADDRESS	4	IATXOSOI	INPUT COMPONENT OPEN ADDR.
1236	(4D4)	ADDRESS	4	IATXOSG	INPUT COMPONENT GET ADDR.
1240	(4D8)	ADDRESS	4	IATXOSCI	INPUT COMPONENT CLOSE ADDR.
1244	(4DC)	ADDRESS	4	WTRDCDEP	OUTPUT COMPONENT CDE
1248	(4E0)	ADDRESS	4	WTRDAREA	OUTPUT COMPONENT AREA
1252	(4E4)	CHARACTER	8	WTRDONAM	OUTPUT COMPONENT MODULE NAM
1244	(4DC)	ADDRESS	4	WTRFRSV1	RESERVED FOR FSS DEVELOPMNT
1248	(4E0)	ADDRESS	4	WTRFSETE	IATOSFD MSG RTN FOR DEVICE FAILURE WITH ETE BIT SET ADDRESS (LABEL: OFDFE000)
1252	(4E4)	ADDRESS	4	WTRFINEP	FSS WTR INIT ENTRY POINT
1260	(4EC)	ADDRESS	4	WTRDICDE	INPUT COMPONENT CDE ADDR.
1264	(4F0)	ADDRESS	4	WTRDIARE	INPUT COMPONENT AREA
1268	(4F4)	CHARACTER	8	WTRDINAM	INPUT COMPONENT NAME
1260	(4EC)	ADDRESS	4	WTRFGDEP	FSS WTR GETDS ENTRY POINT
1264	(4F0)	ADDRESS	4	WTRFRDEP	FSS WTR RELDS ENTRY POINT
1268	(4F4)	ADDRESS	4	WTRFTEEP	FSS WTR TERM ENTRY POINT
1276	(4FC)	ADDRESS	4	WTRMPEPT	IATOSMP MODULE ENTRY POINT
1280	(500)	ADDRESS	4	WTRDRFOR	IATOSMP FCB MAPPING ROUTINE ADDRESS (LABEL: OSMPRFOR)
1284	(504)	ADDRESS	4	WTRDQMSG	IATOSFD DEQUE ACTIVE MSG RTN#587 ADDRESS (LABEL: OFDDQMSG) #587
1288	(508)	ADDRESS	4	WTRDNAME	IATOSWC DDNAME RETRVAL RTN ADDRESS (LABEL: OSDPOINT)
1292	(50C)	ADDRESS	4	WTRDSTUP	IATOSWC SETUP CHECK ROUTINE ADDRESS (LABEL: OSWCSTUP)
1296	(510)	ADDRESS	4	WTRDWAIT	IATOSWC WAITING WORK MSG RTN ADDRESS (LABEL: OSWCWAIT)
1300	(514)	ADDRESS	4	WTRDMDDS	IATOSWC MAN/DIAG MODE MSG RTN ADDRESS (LABEL: OSWCMDDS)
1304	(518)	ADDRESS	4	WTRDMDD2	IATOSWC MAN/DIAG MODE MSG RTN 2 (LABEL: OSWCMDD2)
1308	(51C)	ADDRESS	4	WTRDDIAG	IATOSWC DIAGNOSTIC MSG ROUTN ADDRESS (LABEL: OSWCDIAG)
1312	(520)	ADDRESS	4	WTRDDSER	IATOSWC DIAGNOSTIC MSG ROUTN ADDRESS (LABEL: OSWCDSER)
1316	(524)	ADDRESS	4	WTRDSNAM	IATOSWC DSNAME CREATE RTN ADDRESS (LABEL: OSWCDSNM)
1320	(528)	ADDRESS	4	WTRDFDJN	FIND JESNEWS SUBROUTINE 2633
1324	(52C)	ADDRESS	4	WTRDRLJN	RELEASE JESNEWS SUBROUTINE 2633
1328	(530)	ADDRESS	4	WTRDPPSR	COMMAND PROCESSOR PPQ SYNCH ROUTINE ADDRESS (LABEL: OSMPSYNC)
1332	(534)	ADDRESS	4	WTRDMSGR	COMMAND PROCESSOR MESSAGE ROUTINE ADDRESS (LABEL: OSMPPMSG) 0084
1332	(534)	X'0'	0	WTRDMGNA	"0" NON-ACTION MESSAGE (R1 VALUE TO OSMPPMSG ABOVE 0084
1332	(534)	X'1'	0	WTRDMGAC	"1" ACTION MESSAGE (R1 VALUE TO OSMPPMSG ABOVE 0084
1336	(538)	ADDRESS	4	WTRDCTAD	COMMAND PROCESSOR PARAMETER TABLE ADDRESS (LABEL: OSMPTBL1)

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1340	(53C)	ADDRESS	4	WTRFSAFL	IATOSFD FSA FAILURE MSG RTN ADDRESS (LABEL: OFDFS000)
1344	(540)	ADDRESS	4	WTRDLGCR	LOGSTR CREATE ROUTINE ADDR 0391 (LABEL: OSWCLGCR) 0391
1348	(544)	ADDRESS	4	WTROWTRX	WRITER EXTENSION ADDRESS
1352	(548)	ADDRESS	4	WTROCDEP	JDE ADDRESS FOR IATODPX
1356	(54C)	SIGNED	4	WTRDFSID(0)	FUNCTIONAL SUBSYSTEM ID
1356	(54C)	SIGNED	2	WTRDFSS	FSS PORTION OF FSID
1358	(54E)	SIGNED	2	WTRDFSA	FSA PORTION OF FSID
1360	(550)	CHARACTER	8	WTRFSSNM	FSS NAME FOR THIS FSS
1368	(558)	CHARACTER	8	WTRFMID	FSS RELDS INCOMPLETE/DATA- SET UNPRINTABLE MSG TEXT

| | FIRST BYTE OF WTRFMID = X'00' - NO MSG TEXT AVAIL
            NOT X'00' - FSA RELDS INCOM/UNPRT | | | | |

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1376	(560)	ADDRESS	4	WTRFSSAD	FSS TABLE ENTRY ADDRESS
1380	(564)	ADDRESS	4	WTRFSAAD	FSA TABLE ENTRY ADDRESS
1384	(568)	ADDRESS	4	WTRFMPAD	FSS PROCESSOR MPC ENTRY AD
1388	(56C)	SIGNED	4	WTRFSTAR	CURRENT FSS/FSA STAGING AREA
1392	(570)	SIGNED	4	WTRFSV10	SAVE AREA USED BY IATXPDQ ON INTERNAL CALLS
1396	(574)	BITSTRING	1	WTRFGDRN	HOLD REASON IF WTRFDSUP ON
1397	(575)	BITSTRING	1	WTRFRCFM	Data set record format (Bit definitions same as JFCRECFM in the JFCB)
1398	(576)	SIGNED	2	WTRFRECL	Maximum data set record length
1400	(578)	SIGNED	4	WTRRSVD6(2)	RESRVD FOR NON-FSS DEVLPMNT
1408	(580)	SIGNED	4	WTRXCPDS	NUMBER OF SKIPPED CPDS RECORDS FOR THIS DATA SET
1412	(584)	SIGNED	4	WTRXLMSD	NUMBER OF TRUNCATED LINE MODE SPANNED RECORDS FOR THIS DATA SET
1416	(588)	SIGNED	4	WTRFSYWM	DOMID FOR DATASET SYNCHRONIZATION
1420	(58C)	SIGNED	4	WTRFSWRK	FSS WORK AREA
1424	(590)	SIGNED	4	WTRFRSVD(2)	RESERVED FOR DEVELOPMENT
1432	(598)	SIGNED	4	WTRF3MSG	DOMID FOR MESSAGE IAT4730
1436	(59C)	SIGNED	4	WTRFRSVS(3)	RESERVED FOR SERVICE
1448	(5A8)	ADDRESS	4	WTRSPPAD	SET PRINT PARM ADDRESS
1452	(5AC)	SIGNED	4	WTRFRSVU(5)	RESERVED FOR USER

| | BEGINNING OF AREA DUMPED IN MESSAGE IAT7060 AFTER
WTRINDX BY SPECIFYING THE 'D' PARAMETER ON AN X,
R, OR C COMMAND FOR WRITERS IN FSS MODE. | | | | |

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1472	(5C0)	BITSTRING	1	WTRFFLG1	FSS WTR FLAG

| | DEFINITION OF WTRFFLG1 | | | | |

				Name(Dim)	Description
	1...			WTRFMFSS	"X'80'" THIS IS A FSS WRITER
	.1..			WTRFFSS	"X'40'" THIS WTR SUPPORTS A FSS
	..1.			WTRFFSA	"X'20'" THIS WTR SUPPORTS A FSA
	...1			WTRFFSSA	"X'10'" FSS IS ACTIVE
	.... 1...			WTRFFSAA	"X'08'" FSA IS ACTIVE

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... .1..		WTRFRESP	"X'04'" ORDER RESPONSE PENDING
		.... ..1.		WTRFMPER	"X'02'" OSMP IN CMD ERROR PROCESSING
		1		WTRFNCKP	"X'01'" NEW CHECKPOINT BUFFER W/O SPOOL ADDRESS
1473	(5C1)	BITSTRING	1	WTRFFLG2	FSS WTR FLAG
		DEFINITION OF WTRFFLG2			
		1...		WTRFMPDL	"X'80'" ADELETE MODULE IATOSMP
		.1..		WTRFISET	"X'40'" SETUP TO COMPLTE PROCESSING (I.E. FSI INTRVENTION ORDER SENT TO FSA BY IATOSFS AND RESPONSE HAS NOT BEEN RECEIVED OR PROCESSED)
		..1.		WTRFFSRC	"X'20'" OSFS RECEIVED REJECT COMMAND
		...1		WTRFUIR	"X'10'" UPDATE INTERVENTION REQUIRED
		EQU X'08' RESERVED FOR DEVELOPMENT			
		.... .1..		WTRFPORQ	"X'04'" POST FOR GETDS REQUIRED
		.... ..1.		WTRFDUMP	"X'02'" OPERATOR REQUESTED DUMP DURING FAILSOFT - ABEND FSS ADDRESS SPACE WITH DUMP
		1		WTRFRCUR	"X'01'" FAILSOFT RECURSION
1474	(5C2)	BITSTRING	1	WTRFFLG3	FSS WTR FLAG
		DEFINITION OF WTRFFLG3			
		1...		WTRFGTRL	"X'80'" RELEASE WTR'S PENDING OSES
		.1..		WTRFTREQ	"X'40'" SET ORDER REQUIRED
		..1.		WTRFSVAL	"X'20'" DS VALIDATION ON SYNC REQ'D
		...1		WTRFSMSG	"X'10'" WTRIOSE has job name and number for IAT7089 msg
		.... 1...		WTRFDRET	"X'08'" OSMP RETURN W/OUT CMD IMPL
		.... .1..		WTRFDSUP	"X'04'" WTRFDSAD DS UNPRINTABLE BY FSS
		.... ..1.		WTRFSARS	"X'02'" FSA RESTART REQUESTED
		1		WTRFDVRS	"X'01'" DEVICE IS TO BE RESTARTED
1475	(5C3)	BITSTRING	1	WTRFFLG4	FSS WTR FLAG
		DEFINITION OF WTRFFLG4			
		1...		WTRFDCPI	"X'80'" WTRFDSAD DS CHKPOINT INVALID
		.1..		WTRFRSCD	"X'40'" RELDS INCOMPLETE RECEIVED
		..1.		WTRFJTRL	"X'20'" JOB TRAILER WAS SPECIFIED ON SYNCH ORDER TO DEVICE
		...1		WTRFJNDS	"X'10'" JESNEWS BEING SELECTED 2633
		.... 1...		WTRFJNNX	"X'08'" JESNEWS TO BE SENT NEXT 2633
		.... .1..		WTRFCLR	"X'04'" PDQ CLEAR IN PROGRESS
		.... ..1.		WTRFFAIL	"X'02'" FSS AND WRITER TO TERMINATE #245
		1		WTRFDOSU	"X'01'" UPDATE DOSE ON PDQWOSWR 3339

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		END OF THIS AREA DUMPED BY SPECIFYING THE D PARAMETER ON AN X, S, R, OR C COMMAND FOR FSS MODE WRITERS. (SEE WTRFFLG5) THE FOLLOWING FIVE FIELDS IDENTIFY THE JOB IN PROGRESS AT THE CHANNEL INTERFACE. FOR NON-CHANNEL-ORIENTED OUTPUT DEVICE (E.G. 3800) OR A DEVICE DRIVEN BY AN FSS, THEY MAY NOT PERTAIN TO THE SAME JOB AT THE TRANSFER STATION OR STACKER AS IDENTIFIED BY THE ACTIVE RESQUEUE IN FCTRQAD. INITIALLY, WE COULD HAVE BOTH THE FCTRQAD AND THE FOLLOWING FIVE FIELDS IDENTIFYING THE SAME JOB. AS THE JOB PROGRESSES THROUGH THE CHANNEL THE WRITER COULD START TO BRING IN THE NEXT JOB AND UPDATE THE VALUES OF THE FOLLOWING FIVE FIELDS. THE FIELD FCTRQAD DIDN'T GET UPDATED UNTIL THE FIRST UNIT OF THE NEXT JOB IS READY TO BE STACKED. THUS, WE HAVE A SMALL WINDOW HERE WHERE WE HAVE THE FCTRQAD AND THE FOLLOWING FIELDS POINTING TO DIFFERENT JOBS.				
1476	(5C4)	CHARACTER	24	WTRDDSN	DATASET NAME IN PROGRESS
1500	(5DC)	CHARACTER	8	WTRDJNAM	JOB NAME IN PROGRESS
1508	(5E4)	CHARACTER	8	WTRDJID	JOB ID IN PROGRESS
1516	(5EC)	ADDRESS	4	WTRDRSQ	RQ ADDR FOR CURRENT JOB
1520	(5F0)	CHARACTER	8	WTRDYNAM	JOB ID FOR DYNAMIC WTR
		FIELDS USED BY THE PENDING DATA SET QUEUE MANAGER (IATOSFP)			
1528	(5F8)	ADDRESS	4	WTRFDSAD	DATA SET ID ADDRESS FOR AN FSS WRITER
1532	(5FC)	ADDRESS	4	WTRFPDQF	ADDR OF FIRST (OLDEST) PDQ ENTRY (0 IF QUEUE EMPTY) MAINTAINED BY OSFP
1536	(600)	ADDRESS	4	WTRFPDQL	ADDR OF LAST (NEWEST) PDQ ENTRY (0 IF QUEUE EMPTY) MAINTAINED BY OSFP
1540	(604)	ADDRESS	4	WTRFPDQC	ADDR OF CURRENT (CHANNEL) PDQ. ZERO IF NO DS SELECTD MAINTAINED BY OSFP
1544	(608)	ADDRESS	4	WTRFRSVX	RESERVED FOR DEVELOPMENT
1548	(60C)	ADDRESS	4	WTRFPDQS	ADDR OF 'SYNCHED TO' PDQ IATXPDQ TYPE=PDQSYNCH SETS MAINTAINED BY OSMP+OSFM
		FIELDS USED BY PENDING PAGE QUEUE MANAGER (IATOSWP)			
1552	(610)	ADDRESS	4	WTROPPQF	ADDR OF FIRST (OLDEST) PPQ ENTRY (0 IF QUEUE EMPTY)
1556	(614)	ADDRESS	4	WTROPPQN	ADDR OF PPQ ENTRY FOR NEXT PAGE EXPECTED TO BE STACKED (0 IF NO EXPECTED PAGE IS IN PRINTER)
1560	(618)	ADDRESS	4	WTROPPQL	ADDR OF LAST (NEWEST) PPQ ENTRY (0 IF QUEUE EMPTY)
1564	(61C)	SIGNED	4	WTRDCUPG	NUM OF PAGES INTO CURRENT TRANSMISSION. DECREASED FOR BACKSP, INCREASED FOR PRINTING & FORWARD SPACE
1568	(620)	SIGNED	4	WTRDCTPG	NUMBER OF PAGES IN A COMPLETE TRANSMISSION OF THE CURRENT DATA SET. ZERO WHEN THE FIRST TRANSMISSION HAS NOT COMPLETED.
1572	(624)	SIGNED	2	WTRICURR	OFFSET WITHIN WOSE BUFFER TO CURRENT DATA SET BEING PROCESSED AT THE CHANNEL
1574	(626)	SIGNED	2	WTROLRCL	Original logical record length of a record
1576	(628)	BITSTRING	1	WTRDPSTF	WRITER POST FLAG BYTE

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF WTRDPSTF FLAGS SHOULD BE UPDATED UNDER NUC TASK ONLY			
		1...		WTRDCMDQ	"X'80'" OPERATOR COMMAND QUEUED FOR FCT
		.1..		WTRDSPRT	"X'40'" SETPRINT COMPLETE
		..1.		WTRI7030	"X'20'" MSG IAT7030 REPLIED TO BY OP
		...1		WTRISTAR	"X'10'" COMMAND IS A START COMMAND
		.... 1...		WTRDSADD	"X'08'" SETPRT TYPE=ADD ISSUED
		.... .1..		WTRDRCER	"X'04'" SETPRT RECURSIVE ERROR IND
		.... ..1.		WTRDTMOT	"X'02'" Writer timed out while waiting for work
		1		WTRDOFLG	"X'01'" WORK AVAILABLE
1577	(629)	BITSTRING	1	WTRDMSAV	SAVE AREA FOR TASK MODE
1578	(62A)	BITSTRING	1	WTRSPFLG	SPANNED DATA FLAGS
		DEFINITION OF WTRSPFLG THE FLAGS ARE USED TO INDICATE THE TYPE OF DATA PASSED TO NETWORKING MODULE IATOSNJ			
1578	(62A)	X'0'	0	WTRNOSPN	"FCTNOSPN" LOGICAL RECRD IS NOT SPANNED
1578	(62A)	X'80'	0	WTRSPAN	"FCTSPAN" SPANNED DATA PRESENT
1578	(62A)	X'C0'	0	WTRSPFIR	"FCTSPFIR" FIRST 'RECORD SECTION'
1578	(62A)	X'80'	0	WTRSPNTH	"FCTSPNTH" NTH 'RECORD SECTION'
1578	(62A)	X'A0'	0	WTRSPLST	"FCTSPLST" LAST 'RECORD SECTION'
1579	(62B)	BITSTRING	1	WTRFWOSU	OSFP WOSE UPDATE RTN FLAG
1580	(62C)	SIGNED	2	WTRSRLN	SPANNED RECORD LENGTH
		BEGINNING OF AREA DUMPED IN MESSAGE IAT7060 AFTER WTRFFLG1 THROUGH WTRFFLG4 BY SPECIFYING THE 'D' PARAMETER ON AN X, S, R OR C COMMAND FOR WRITERS IN FSS MODE.			
1582	(62E)	BITSTRING	1	WTRFFLG5	FSS WRITER FLAG BYTE 5
		DEFINITION OF WTRFFLG5			
		1...		WTRFRSTR	"X'80'" FSS WRITER TO BE RESTARTED FOLLOWING IPL OF FSS MAIN
		.1..		WTRFSTRS	"X'40'" STAGING AREA RECEIVED RESENT OVER RESTART (STARSNT)
		..1.		WTRFSYWT	"X'20'" WAITING FOR DATASET SYNCHRONIZATION MSG ISSUED
		...1		WTRFFRIP	"X'10'" FSA RESTART IN PROGRESS
		.... 1...		WTRFJOSL	"X'08'" JOB/OSE SELECTED STATUS LOCK
		.... .1..		WTRFSRS	"X'04'" SPECIALIZED RESCHEDULE HAS RETURNED NAVAIL-DYNAMIC WTR
		.... ..1.		WTRFQREQ	"X'02'" QUERY ORDER REQUIRED
		1		WTRFSDDN	"X'01'" DDNAME TO BE FOUND IN PDQ
		END OF AREA DUMPED BY SPECIFYING THE D PARAMETER ON AN X, S, R, OR C COMMAND FOR FSS MODE WRITERS.			
1583	(62F)	BITSTRING	1	WTRFFLG6	FSS WRITER FLAG BYTE 6

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF WTRFFLG6 THE FOLLOWING 3 BITS INDICATE THAT JES REQUESTED SETUP, BUT THE DEVICE DOES NOT SUPPORT THAT PARTICULAR INTERV.			
		.1..		WTRDJDST	"X'40'" STACKER SETUP REQUESTED(JES)
		..1.		WTRDJFLS	"X'20'" FLASH SETUP REQUESTED(JES)
		...1		WTRDJFRM	"X'10'" FORMS SETUP REQUESTED(JES)
1583	(62F)	X'70'	0	WTRDJFLG	"WTRDJDST+WTRDJFLS+WTRDJFRM"
		.... .1..		WTRDUDST	"X'04'" STACKER UPDATE INTERV. REQ.
		.... ..1.		WTRDUFLS	"X'02'" FLASH UPDATE INTERV. REQ.
		1		WTRDUFRM	"X'01'" FORMS UPDATE INTERV. REQ.
1583	(62F)	X'7'	0	WTRDUFLG	"WTRDUDST+WTRDUFLS+WTRDUFRM"
1584	(630)	BITSTRING	1	WTRFFLG7	FSS WRITER FLAG BYTE 7
		DEFINITION OF WTRFFLG7			
		1...		WTRFMANU	"X'80'" MANUAL MODE PRINT BUFFER PROCESSING IN PROGRESS
		.1..		WTRFGRCM	"X'40'" MANUAL MODE COMMAND PROCESSING IN PROGRESS
		..1.		WTRFVOFF	"X'20'" SUPUNIT VARY OFFLINE SCHEDULED
		...1		WTRFPRIM	"X'10'" PARM OSE IS FOR PRIME PDQ
		.... 1...		WTRFSATM	"X'08'" FSA TO TERMINATE
		.... .1..		WTRFSABN	"X'04'" STOP FSA ABNORMAL FOR *FAIL 0207 OR WTR ABEND IN PROGRESS 0207
		.... ..1.		WTRICKPG	"X'02'" CHECKPOINT INTERVAL IS IN PAGES
		1		WTRICKSC	"X'01'" CHECKPOINT INTERVAL IS IN SECONDS
1585	(631)	BITSTRING	1	WTRFFLG8	FSS WRITER FLAG BYTE 8
		DEFINITION OF WTRFFLG8			
		1...		WTRFFIT	"X'80'" FSA INITIATED TERMINATION 0046
		.1..		WTRFINZ0	"X'40'" NON-0 NON-TERMINAL RETURN IN INTERVENTION ORDER RESP
		..1.		WTRFCKAL	"X'20'" FSS checkpoint allocated
		...1		WTRDLOCN	"X'10'" WHEN ON, INDICATES DLOCON HAS BEEN ISSUED; WHEN OFF DLOCOFF IS NOT REQUIRED
		.... 1...		WTRFIWTO	"X'08'" WTO MESSAGE HAS BEEN ISSUED
		.... .1..		WTRFCLPI	"X'04'" CLEAR PRINT ISSUED FOR DYNAMIC WRITER
		.... ..1.		WTRFCPIP	"X'02'" CLEAR PRINT IN PROGRESS
		1		WTRFOSDP	"X'01'" A DATASET IN THIS OSE HAS BEEN MARKED PENDING
1586	(632)	BITSTRING	1	WTRFFLG9	FSS FLAG BYTE 9
		DEFINITION OF WTRFFLG9			
		1...		WTRFSEET	"X'80'" AN ENVIRONMENTAL TYPE ERROR (BIT RESP2ETE WAS SET IN RESPFL2) WAS RECEIVED IN RESPONSE TO A SET ORDER.

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.1..		WTRFQUET	"X'40'" AN ENVIRONMENTAL TYPE ERROR WAS RECEIVED IN RESPONSE TO A QUERY ORDER.
		..1.		WTRFSYET	"X'20'" AN ENVIRONMENTAL TYPE ERROR WAS RECEIVED IN RESPONSE TO A SYNCH ORDER.
		...1		WTRNOACT	"X'10'" NO ACTION REQUIRED FOR THIS COMMAND
		.... 1...		WTRJTRNX	"X'08'" Job trailer to go next
		.... .1..		WTRFNDMP	"X'04'" No dump of FSS required on FAILDSP
		.... ..1.		WTRWSPUP	"X'02'" IATOSFP did an IATXOSWS GET/REL call for RQ saved in the primary WSP
		1		WTRFWUAL	"X'01'" Waiting for FSS to get unallocated
1587	(633)	BITSTRING	1	WTRFFLGA	FSS FLAG BYTE 10
		DEFINITION OF WTRFFLGA			
		1...		WTRF0FDB	"X'80'" A DM656 ABEND IS NOT NEEDED FOR A ZERO WOSE FDB. THE ROUTINE CALLING PDQWOSRD WILL HANDLE IT.
		.1..		WTRFNEWS	"X'40'" PDQDSSEL CALL WAS MADE FOR JESNEWS DATASET
		..1.		WTRFRLTM	"X'20'" RELDS timer outstanding
		...1		WTRFRTMI	"X'10'" RELDS timer cancelled, may need to be reissued
		.... 1...		WTRFRVA3	"X'08'" BIT RESERVED FOR SERVICE
		.... .1..		WTRFRVA4	"X'04'" BIT RESERVED FOR SERVICE
		.... ..1.		WTRFRVA5	"X'02'" BIT RESERVED FOR SERVICE
		1		WTRFRVA6	"X'01'" BIT RESERVED FOR SERVICE
1588	(634)	BITSTRING	8	WTRDWSTM	WRITER START TIME (TOD)
		DEFINE THE PARAMETER LIST SPACE FOR IATUX45 0 THIS AREA IS MAPPED VIA IATYUX45. 0 2 lines deleted by PQK0002 0			
1596	(63C)	BITSTRING	1	WTRFUX45	UX45 PARAMETER LIST
		FIELD WTRFJMRA POINTS TO THE JMR AREA THAT IS GET- 0 MAINED IN IATOSFD. IT POINTS TO A BUFFER FOR THE 0 COPIED JMR. UX45JMRA IS USED TO POINT TO THE JMR 0 FOR A PARTICULAR IATUX45 CALL, OR IS 0 IF NOT AVAIL. 0			
1632	(660)	SIGNED	4	WTRFJMRA	JMR BUFFER POINTER FOR UX45 0635
1636	(664)	SIGNED	4	WTRDRSV1(2)	RESERVED FOR DEVELOPMENT 0002
1644	(66C)	SIGNED	4	WTRDRSV2(5)	RESERVED FOR SERVICE
1664	(680)	SIGNED	4	WTRDRSV3	RESERVED FOR USER
		REASON CODES FOR FSS WRITER ABEND DM656 FAILURES			
		1		WTRFSAAC	"X'01'" FSA ALREADY ACTIVE WITH A DIFFERENT WRITER FCT
		.... ..1.		WTRPDQER	"X'02'" ERROR RECREATING THE PDQ FOLLOWING HOTSTART
		11		WTRXFSER	"X'03'" ERROR RETURN CODE FROM IATXFSS TYPE=FSSSTART 0546

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... .1..		WTRFSSSA	"X'04'" INVALID STAGING AREA RECEIVED FROM FSS
		.... .1.1		WTRFSASA	"X'05'" INVALID STAGING AREA RECEIVED FROM FSA
		.... .11.		WTRSPFSS	"X'06'" ERROR RETURN FROM STOP FSS ORDER
		.... .111		WTRSTFSA	"X'07'" ERROR RETURN FROM START FSA ORDER
		.... 1...		WTRSPFSA	"X'08'" ERROR RETURN FROM STOP FSA ORDER
		.... 1..1		WTRSTDEV	"X'09'" ERROR RETURN FROM START DEVICE ORDER
		.... 1.1.		WTRSPDEV	"X'0A'" ERROR RETURN FROM STOP DEVICE ORDER
		.... 1.11		WTRDMPRQ	"X'0B'" DUMP REQUESTED BY JES3 IN FSS ADDRESS SPACE
		.... 11..		WTRSYNDV	"X'0C'" ERROR RETURN FROM SYNCH #096 ORDER #096
		.... 11.1		WTRSETDV	"X'0D'" ERROR RETURN FROM SET #096 ORDER #096
		.... 111.		WTRFGDSF	"X'0E'" ERROR FOUND BY THE GETDS PROCESSOR DURING PDQ PROCESSING
		 1111		WTRIWFIT	"X'0F'" INVALID WRITER STATE FOR FSA REQUESTED TERMINATION
		...1		WTRNZIOR	"X'10'" NON-ZERO RETURN CODE FOUND IN THE INTERVENTION ORDER RESPONSE AREA BY IATOSFS
		...1 ...1		WTRQURYF	"X'11'" ERROR RETURN FROM QUERY ORDER
		...1 ..1.		WTRGDSST	"X'12'" UNEXPECTED RETURN BY SETUP PROCESSOR DURING GETDS
		...1 ..11		WTRFSNUM	"X'13'" Num of GETDS extensions 0073 is null 0073
		...1 .1..		WTRDSTQ1	"X'14'" UNABLE TO PROCESS STAR - DSTQ NOT AVAILABLE (OSFD)
		...1 .1.1		WTRDSTQ2	"X'15'" UNABLE TO PROCESS STAR - DSTQ NOT AVAILABLE (OSFD)
		...1 .11.		WTRDSTQ3	"X'16'" UNABLE TO DLOCON AFTER RESTART - (OSFD) DSTQ NOT AVAILABLE
		...1 .111		WTRDSTQ4	"X'17'" FSA UNABLE TO DLOCON ON DSTQ NOT AVAILABLE (OSFI)
	THE FOLLOWING REASONS CODES HAVE BEEN USED BY APAR OY38190 FOR RELEASES SP1.3.4 - SP2.2.1 FOR FSS PROCESSING (WHICH TAKES PLACE IN THE ESA RELEASES IN MODULE IATGRFC) AND ARE THEREFORE UNAVAILABLE FOR USE IN ANY FUTURE RELEASES. WTRDSTQ5 EQU X'18' DLOCON FAILURE WTRDSTQ6 EQU X'19' DSQ UNAVAILABLE				
		...1 1.1.		WTRP0FDB	"X'1A'" A ZERO WOSE FDB IN A PDQ HAS BEEN DETECTED WHEN TRYING TO DO A WOSE READ.
		...1 1.11		WTRFENQW	"X'1B'" JESNEWS AENQ count wrong
		...1 11..		WTRNSTAR	"X'1C'" WTRFISET BUT NO STAR PASSED TO OSFS IN WTRFSTAR
		...1 11.1		WTROVSTP	"X'1D'" FSI extn end addr points 0073 beyond the end of SRL 0073
		...1 111.		WTRGDPDQ	"X'1E'" WTRDRSQ zero during PDQ GETDS processing

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		SNARJP COMMUNICATION AREA			
1668	(684)	SIGNED	4	WTRSNREC(4)	CURRENT RECORD CHKPT INFO -- THIS INCLUDES TWO M.R SPOOL ADDRESSES & AN OFFSET FIELD (CHNSZ)
1684	(694)	SIGNED	4	WTRSCHSZ	CHAIN SIZE FOR CURR DS
1684	(694)	X'694'	0	WTRSCHFL	"WTRSCHSZ,1" CHAIN SIZE SPEC. FLAG
1684	(694)	X'695'	0	WTRSCHPG	"WTRSCHSZ+1,1" NUM OF 'PAGES' IN SNA CHAIN
1684	(694)	X'696'	0	WTRSCHLN	"WTRSCHSZ+2,1" NUMBER OF LINES IN 'PAGE'
1688	(698)	CHARACTER	8	WTRSFRMS	FORMS REQ'D
1696	(6A0)	CHARACTER	4	WTRSUCSO	TRAIN REQ'D
1700	(6A4)	CHARACTER	8	WTRSFCBO	FCB REQ'D
1708	(6AC)	BITSTRING	8	WTRSCTAB	COMPACTION TBL REQ'D
1716	(6B4)	BITSTRING	1	WTRSCOPY	COPIES REQ'D
1717	(6B5)	BITSTRING	1	WTRSRSVD	RESERVED FOR SNA
1718	(6B6)	BITSTRING	1	WTRSFLG1	PDIR /ERR FLAG
		DEFINITION OF WTRSFLG1			
		1...		WTRSFMH2	"X'80'" WORK STATION SUPPORTS PDIR
		.1..		WTRSSEND	"X'40'" SEND PDIR
		..1.		WTRSPERR	"X'20'" PERMANENT SNA ERROR
		...1		WTRSRERR	"X'10'" RECOVERABLE TRANS. ERROR
		.... 1...		WTRPDIRN	"X'08'" NEED TO SEND PDIR
1719	(6B7)	BITSTRING	1	WTRSFLG2	OSWD SNA FLAG
		DEFINITION OF WTRSFLG2			
		1...		WTRSNXDS	"X'80'" NEW DS DETECTED
		.1..		WTRSRSRT	"X'40'" DS IS BEING RESTARTED
		..1.		WTRSFOCO	"X'20'" FIRST OF CHAIN - WTR TAKES CHKPT
		...1		WTRSCHKT	"X'10'" WTR TAKES CHKPTS ONLY ON FIRST OF CHAIN
		.... ..1.		WTRSSDEV	"X'02'" WTR HAS SNA DEVICE
1720	(6B8)	BITSTRING	1	WTRSFLG3	SERVICE ROUTINE COMM. FLAG
		DEFINITION OF WTRSFLG3			
		1...		WTRSMSGM	"X'80'" MODIFY OSMP RESPONSE MSG
		.1..		WTRSPFCB	"X'40'" IATXOSP IS FOR FCB LOAD
		..1.		WTRSLDEN	"X'20'" LINE DENSITY REQUEST (SNA)
		...1		WTRSSUSP	"X'10'" SESS. WAS SUSPENDED (OSMP)
		.... 1...		WTRSDSOP	"X'08'" PDIR HAS BEEN SENT FOR DS
1724	(6BC)	SIGNED	4	(0)	
1724	(6BC)	SIGNED	4	WTRSRSV1(5)	RESERVED FOR SNA DEV
1744	(6D0)	SIGNED	4	WTRSRECN	SAVE AREA FOR JOB LINE CNT
1748	(6D4)	SIGNED	4	WTRSRSV2(4)	RESERVED FOR SNA SERVICE
1764	(6E4)	SIGNED	4	WTRSRSV3	RESERVED FOR USER

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1768	(6E8)	DBL WORD	8	WTRISYS(0)	START OF AREA ZEROED IN IATOSWD INITIALIZATION

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1768	(6E8)	SIGNED	4	WSPSTART(0)	
1768	(6E8)	SIGNED	2	WSPTEJBC	Compatible with WSPTEJBI - see IATXJBNO macro
1770	(6EA)	CHARACTER	8	WSPTEUID	USER ID (SYSOUT)
1770	(6EA)	X'6EA'	0	WSPJOBID	"WSPTEUID" JOB ID (SYSOUT)
1768	(6E8)	ADDRESS	4	WSPCHAIN	WAIT FOR WORK CHAIN FIELD
1768	(6E8)	X'6E8'	0	WSPRECRD	"WSPCHAIN" TOTAL RECORDS PENDING JOB
1772	(6EC)	ADDRESS	4	WSPAECF	ECF ADDRESS, NEW WORK
1776	(6F0)	BITSTRING	1	WSPMASK	ECF MASK FIELD, NEW WORK
1777	(6F1)	BITSTRING	1	WSPHWCNT	COUNT OF OUTSERV FCT'S 0370 WAITING TO PROCESS THIS 0370 HOT WRITER 0370
1778	(6F2)	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
		...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.			
1778	(6F2)	X'10'	0	WSPFIRRQ	"WSPDEL" FIRST SYSOUT PSO REQUEST
1778	(6F2)	X'8'	0	WSPOKRET	"WSPREL" REQUEST ENDED SUCCESSFULLY
1778	(6F2)	X'1'	0	WSPRQCMP	"WSPSCHED" REQUEST IS COMPLETE
1779	(6F3)	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
1779	(6F3)	X'8'	0	WSPTSO	"WSPPEND" TSO REQUEST FOR PSO WSP
		.... .1..		WSPCHNGE	"X'04'" CHANGE FOUND

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... ..1.		WSPFAILD	"X'02'" FAILURE HAS OCCURED.
		1		WSPCKPRQ	"X'01'" CHECKPOINT REQUIRED
1779	(6F3)	X'1'	0	WSPSAFFL	"WSPCKPRQ" SAF call failed during wait queue search
1780	(6F4)	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.			
1780	(6F4)	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).			
1780	(6F4)	BITSTRING	12	WSPFDBT	Temporary OSE
1792	(700)	SIGNED	2	WSPRSVS6	Reserved for IBM
1794	(702)	SIGNED	2	WSPLEN	Length of WSP
1796	(704)	BITSTRING	6	WSPJDS	JDS SPOOL ADDRESS SAVE AREA
1802	(70A)	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
		.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
1803	(70B)	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

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1804	(70C)	BITSTRING	12	WSPFDBSV	SAVE FDB FOR PREVIOUS OSE 7#
1816	(718)	SIGNED	4	WSPSSCWA	Work area for IATOSSC
1820	(71C)	BITSTRING	14	WSPRSVS5	Reserved for IBM
1834	(72A)	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.			
1836	(72C)	CHARACTER	2	WSPRSV01	' Reserved - do not use
1838	(72E)	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
		1		WSP4BOSD	"X'01'" PSO DSP supports four-byte OSE sequence number
1839	(72F)	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
1840	(730)	SIGNED	4	WSPSECPT	POINTER TO GETMAINED AREA FOR USE BY IATXSEC
1844	(734)	SIGNED	4	WSPSAVE	WORK SAVE AREA
1848	(738)	SIGNED	4	WSPPSCPT	PTR TO PSSC CONTROL BLOCK 0357 (The D.F.R. memorial PSSC 0049 pointer) 0049

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1852	(73C)	SIGNED	2	WSPBUFNC	OSE buffer number compati- ble value - see WSPBUFN4
1854	(73E)	SIGNED	2	WSPOFFST	OSE OFFSET VALUE
1856	(740)	CHARACTER	1	WSPCCNTL	OSE CARRIAGE CONTROL VALUE
1857	(741)	BITSTRING	4	WSPFFDBV	OSE FDB VALIDITY VALUE 05209SRA
1861	(745)	BITSTRING	1	WSPFLG11	Flag byte 11 05209SRA

-- 05209SRA
     Definition of WSPFLG11 05209SRA
-- 05209SRA

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		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
1862	(746)	BITSTRING	2	WSPRSVDV	Reserved for IBM 05209SRC
1864	(748)	CHARACTER	80	WSPTOKEN	SECURITY TOKEN 0318 INBOUND-CALLER'S UTOKEN OUTBOUND-RETURNED DATA SET'S RTOKEN
1944	(798)	CHARACTER	4	WSPID	WSP eyecatcher 0075
1948	(79C)	ADDRESS	4	WSPYOSPC	IATYOSPC address 0075
1952	(7A0)	ADDRESS	4	WSPTEJBI	Extended jobid 0075
1956	(7A4)	ADDRESS	4	WSPCKJBI	Checkpoint jobid 0075
1960	(7A8)	ADDRESS	4	WSPOSTJI	Hot writer queue post 0075 jobid 0075
1964	(7AC)	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).

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1968	(7B0)	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.

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1972	(7B4)	BITSTRING	16	WSPRQFDB	Work FDB & sequence number
1988	(7C4)	CHARACTER	4	WSPOSEID	ID for OSE
1992	(7C8)	SIGNED	2	WSPOSEOF	Offset to 4-byte OSE field
1992	(7C8)	X'16'	0	WSPERCVL	"*-WSPRQFDB" Length of IATXERCV workarea
1992	(7C8)	X'7B4'	0	WSPERCVW	"WSPRQFDB,WSPERCVL" Workarea for IATXERCV macro
1994	(7CA)	BITSTRING	3	WSPRSVS4	Reserved for IBM
1997	(7CD)	BITSTRING	1	WSPFLG4	FLAG BYTE 4

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		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
1998	(7CE)	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
		.... .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
1999	(7CF)	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.			
2000	(7D0)	BITSTRING	1	WSPRTNIN	IATOSPC SUBROUTINE INDEX 0559
2000	(7D0)	X'0'	0	WSPOSERD	"0" OSE READ SUBROUTINE
2000	(7D0)	X'4'	0	WSPOSERL	"4" OSE ARELEASE SUBROUTINE

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2000	(7D0)	X'8'	0	WSPOSEWR	"8" OSE WRITE SUBROUTINE
2000	(7D0)	X'C'	0	WSPJOBCM	"12" JOB COMPLETION SUBROUTINE
2000	(7D0)	X'10'	0	WSPWTRSC	"16" WRITER SCHEDULE SUBROUTINE
2000	(7D0)	X'14'	0	WSPRTN20	"20" Reserved for IBM 0075
2000	(7D0)	X'18'	0	WSPCLSRT	"24" CLASS ROTATION SUBROUTINE
2001	(7D1)	BITSTRING	1	WSPPECF	ECF FOR PURGE
2004	(7D4)	ADDRESS	4	WSPRESQ	SAVE AREA FOR RESQ (OSPC)
2008	(7D8)	SIGNED	4	WSPOSA	ADDRESS OF IATODDR (OSA) 0681 USED FOR LOCAL TO SNA/NJE 0681
2012	(7DC)	SIGNED	4	WSPCDE	ADDRESS OF CDE (IATODDR) FOR0681 LOCAL TO SNA/NJE PROCESSING 0681
2016	(7E0)	SIGNED	4	WSPPENSA	PENDING STAGING AREA CHAIN
2020	(7E4)	SIGNED	4	WSPSTA	ADDR OF STAR FOR IATOSPC
2024	(7E8)	SIGNED	4	WSPSAVE2	2ND WORK SAVE AREA 0559
2028	(7EC)	SIGNED	4	WSPSAVE3	3RD WORK SAVE AREA 0559
2032	(7F0)	SIGNED	4	WSPSAVEA(9)	REGISTER SAVE AREA 0606
2068	(814)	CHARACTER	4	WSPUCSID	UCS ID 0439
2072	(818)	CHARACTER	4	WSPFCBID	FCB ID 0096
2076	(81C)	BITSTRING	8	WSPPSOTM	PSO CALL TIME (TOD) 0232
2084	(824)	ADDRESS	4	WSPCRJOB	Current job for PSO
2088	(828)	ADDRESS	2	WSPRSVD9	Reserved for IBM 0075 0075
2090	(82A)	BITSTRING	1	WSPIDENT	Type of WSP 0075
2090	(82A)	X'1'	0	WSPIBDCI	"1" IATBDCI - BDT communications0075
2090	(82A)	X'2'	0	WSPIDJOT	"2" IATDJOT - Dump Job 0075
2090	(82A)	X'3'	0	WSPIDMJA	"3" IATDMJA - PSO unallocation 0075
2090	(82A)	X'4'	0	WSPIIQOS	"4" IATIQOS - Outserv Inquiry 0075
2090	(82A)	X'5'	0	WSPIMOCP	"5" IATMOCP - Modify cancel 0075
2090	(82A)	X'6'	0	WSPIMOOS	"6" IATMOOS - Outserv Modify 0075
2090	(82A)	X'7'	0	WSPINTNR	"7" IATNTNR - NJERDR 0075
2090	(82A)	X'8'	0	WSPINTRS	"8" IATNTRS - NJE Reroute 0075
2090	(82A)	X'9'	0	WSPIOSB1	"9" IATOSBM - BDT cancel 0075
2090	(82A)	X'A'	0	WSPIOSB2	"10" IATOSBM - JSAM error 0075
2090	(82A)	X'B'	0	WSPIOSB3	"11" IATOSBM - BDT job hold 0075
2090	(82A)	X'C'	0	WSPIOSD1	"12" IATOSDR - Output Service 0075 (Primary FCT) 0075
2090	(82A)	X'D'	0	WSPIOSD2	"13" IATOSDR - Output Service 0075 (Secondary FCT) 0075
2090	(82A)	X'E'	0	WSPIOSF1	"14" IATOSFD - FSS writer 0075 (primary WSP) 0075
2090	(82A)	X'F'	0	WSPIOSF2	"15" IATOSFD - FSS writer 0075 (secondary WSP) 0075
2090	(82A)	X'10'	0	WSPIOSSD	"16" IATOSSD - SAPI 0075
2090	(82A)	X'11'	0	WSPIOSSO	"17" IATOSSO - SAPI JSAM error 0075
2090	(82A)	X'12'	0	WSPIOSW1	"18" IATOSWD - JES3 writer 0075 (primary WSP) 0075
2090	(82A)	X'13'	0	WSPIOSW2	"19" IATOSWD - JES3 writer 0075 (secondary WSP) 0075
2090	(82A)	X'14'	0	WSPIPURG	"20" IATPURG - Purge processing 0075

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2090	(82A)	X'15'	0	WSPISIOP	"21" IATSIOP - Process SYSOUT 0075
2090	(82A)	X'16'	0	WSPIOSTC	"22" IATOSOR - TCP/IP job 07032SVA processing 07032SVA
2090	(82A)	X'17'	0	WSPIGR70	"23" IATGR70 - SJF driver
2090	(82A)	X'18'	0	WSPIOSR2	"24" IATOSOR2 - Output service 0075
2091	(82B)	BITSTRING	1	WSPVER	Version number
		1		WSPVER01	"X'01'" Version number 1
2091	(82B)	X'1'	0	WSPCVER	"WSPVER01" Current version
2092	(82C)	ADDRESS	4	WSPPSDRT	OSPCS100 return address 0075
2096	(830)	ADDRESS	4	WSPSAVE4	PSOSCHED return address 0075
2100	(834)	SIGNED	4	WSPSDWAD	Address of SAPI DSP Work Area
2104	(838)	SIGNED	4	WSPRSVD8(2)	Reserved for IBM
2112	(840)	ADDRESS	4	WSPRQADR	Current RQ address
2116	(844)	SIGNED	4	WSPACONS	ADDR OF CALLING CONSOLE CNDB IN IATYWTR, WTRDCCDB
2120	(848)	SIGNED	4	WSPRSVU1(2)	RESERVED FOR USER 0200
				End of version 0 PSO area.	
2120	(848)	X'850'	0	WSPTEEND_V0	"*" End of version 0 PSO area
2120	(848)	X'168'	0	WSPTESIZ_V0	"WSPTEEND_V0-WSPSTART" Size of version 0 PSO area
2128	(850)	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.	
2128	(850)	X'850'	0	WSPTEEND	"*" End of version 1 PSO area
2128	(850)	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.	
2128	(850)	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.	
2128	(850)	SIGNED	4	WSPRSVS3(4)	RESERVED FOR SERVICE
2144	(860)	BITSTRING	8	WSPWSTME	WRITER START TIME (TOD) -- 0630 (I.E., WHEN IATOSWC WAS 0630 ENTERED FOR THIS WRITER) 0630
2152	(868)	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)	
2172	(87C)	BITSTRING	12	WSPOCHN	SAVE AREA FOR CHAIN FDB
2184	(888)	SIGNED	4	WSPOCNT4	Save area for sequence num

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2188	(88C)	CHARACTER	8	WSPTPID	Current APPC TPID, JSAB job id, or JSAB job name
2196	(894)	BITSTRING	6	WSPOSSWB	SPOOL ADDR FOR CURR OUTPUT D015 DESCR IF XTNDD KEYWORDS D015
2202	(89A)	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.			
2204	(89C)	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
2205	(89D)	BITSTRING	3	WSPRSVD7	Reserved for IBM
2208	(8A0)	SIGNED	4	WSPPPAGE	TOTAL PAGES PENDING JOB
2212	(8A4)	ADDRESS	4	WSPASUP	SUPUNITS ADDRESS
2216	(8A8)	ADDRESS	4	WSPARQ	ADDRESS OF RESQUEUE ENTRY
2220	(8AC)	BITSTRING	0	WSPFDBS(0)	Scheduled OSE FDB & seq num
2220	(8AC)	BITSTRING	12	WSPFDB	WOSE FDB
2232	(8B8)	SIGNED	4	WSPOSEB4	Scheduled OSE sequence num
2236	(8BC)	ADDRESS	4	WSPOSE	ADDRESS OF MOSE
2240	(8C0)	ADDRESS	4	WSPOSS	ADDRESS OF OSS ENTRY
2244	(8C4)	SIGNED	4	WSPNJERC	BSC/NJE PENDING RECORD CNT 0126
2248	(8C8)	SIGNED	4	WSPOUTBN	OUTBIN ID (in writer WSP)
2248	(8C8)	ADDRESS	4	WSPHWWSP	Address of hot writer WSP (in OUTSERV WSP)
2252	(8CC)	SIGNED	4	WSPRSVD2(2)	RESERVED FOR DEVELOPMENT 0146
2260	(8D4)	BITSTRING	16	WSPSELD	SEL MASK OF DS SELECTED
2276	(8E4)	BITSTRING	16	WSPSELT	TEMP SEL MASK
2292	(8F4)	BITSTRING	16	WSPSELM	MASTER SELECTION MASK
		DEFINITION OF WSPSELM VALUES			
2292	(8F4)	X'0'	0	WSPNULL	"00" IGNORE THIS ENTRY
2292	(8F4)	X'4'	0	WSPPRTY	"04" CHECK PRIORITY OF ENTRY
2292	(8F4)	X'8'	0	WSPDEST	"08" CHECK DESTINATION OF ENTRY
2292	(8F4)	X'C'	0	WSPTYPE	"12" CHECK DEST. TYPE OF ENTRY
2292	(8F4)	X'10'	0	WSPFORM	"16" CHECK FORMS SETUP OF ENTRY
2292	(8F4)	X'14'	0	WSPCARR	"20" CHECK FCB/CTAPE SETUP
2292	(8F4)	X'18'	0	WSPUCS	"24" CHECK TRAIN SETUP OF ENTRY
2292	(8F4)	X'1C'	0	WSPLINE	"28" CHECK LINE, PAGE, AND RECORD LIMITS OF PRINTER
2292	(8F4)	X'20'	0	WSPCLAS	"32" CHECK CLASS OF ENTRY
2292	(8F4)	X'24'	0	WSPFLASH	"36" CHECK FORMS FLASH SETUP
2292	(8F4)	X'28'	0	WSPCPMOD	"40" CHECK COPY MODIFICATION

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2292	(8F4)	X'2C'	0	WSPSTACK	"44" CHECK STACKER SETUP
2292	(8F4)	X'30'	0	WSPPMODE	"48" CHECK PROCESS MODE OF PRINTER
2292	(8F4)	X'30'	0	WSPSELMX	"WSPPMODE" MAXIMUM VALUE FOR WSPSELM
2308	(904)	SIGNED	2	WSPSELC	LOGICAL LENGTH OF WSPSELM
2310	(906)	BITSTRING	1	WSPPTYSV	HIGHEST PRIORITY FOUND
2311	(907)	BITSTRING	1	WSPRSVFX	RESERVED FOR SERVICE
2312	(908)	SIGNED	2	WSPOFST	OFFSET TO OSEENTRY
2314	(90A)	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)
2315	(90B)	BITSTRING	1	WSPFLG3	FLAG BYTE 3
		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
2316	(90C)	BITSTRING	2	WSPFRSDD	FLAGS - RESERVED FOR DEV.
2318	(90E)	BITSTRING	1	WSPFLG10	FLAG BYTE 10
		DEFINITION OF WSPFLG10			
		1...		WSPDUMPT	"X'80'" DUMP WAS REQUESTED
		.1..		WSP206IS	"X'40'" DM206 PREVIOUSLY ISSUED

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..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
2319	(90F)	SIGNED	1	WSPCLSN	NUMBER OF CLASSES
2320	(910)	CHARACTER	36	WSPCLSS	SYSOUT CLASSES TO SELECT
2356	(934)	SIGNED	4	WSPEND(0)	END OF PARM LIST
2356	(934)	BITSTRING	1	WSPSIZE(0)	L' TOTAL SIZE OF WSP
		EIGHT LINE DELETED BY APAR OZ78951 FULL WORD SCRATCH AREAS			
2356	(934)	SIGNED	4	(0)	INSURE WORD ALIGNMENT
2356	(934)	BITSTRING	32	WTRIFDBI	FDB FOR CURRENT DATASET WHEN MVT/TSO WRITER, OR FIRST M.R ONLY FOR OTHER WRITERS
2388	(954)	BITSTRING	16	WTRIPTRA	OPEN/POINT/NOTE PARM LIST
2388	(954)	BITSTRING	6	WTRIPTK1	FIRST SPOOL M.R FOR DATASET
2394	(95A)	BITSTRING	6	WTRIPTK2	M.R SPOOL ADDRESS FOR POINT
2400	(960)	BITSTRING	2	WTRIPOFF	OFFSET TO RECORD FOR POINT
2402	(962)	BITSTRING	2	WTRINON	UNUSED, SHOULD BE ZERO
2388	(954)	BITSTRING	24	WTRFPURC	PURCHAIN WORK AREA
2412	(96C)	BITSTRING	80	WTRICTKN	CTOKEN
2492	(9BC)	CHARACTER	18	WTRIRSTX	Reason text field
2512	(9D0)	ADDRESS	4	WTROSEAR	OSE address
2516	(9D4)	SIGNED	4	WTRIRSV1(4)	Reserved for development
2532	(9E4)	SIGNED	4	WTRINPRO	RUN OUT INTERVAL FOR WRITER
2536	(9E8)	SIGNED	2	WTRICKIV	CHECKPOINT INTERVAL
2538	(9EA)	SIGNED	2	WTRIRSVD	RESERVED FOR DEVELOPMENT
2540	(9EC)	ADDRESS	4	WTRFJNWS	JESNEWS ADDRS FOR FSS WTR
2544	(9F0)	SIGNED	4	WTRIPFOR	NUMBER OF PAGES TO MAP (3800 ONLY)
2548	(9F4)	BITSTRING	24	WTRINOT1	NOTE 1
2572	(A0C)	BITSTRING	24	WTRINOT2	NOTE 2
2596	(A24)	ADDRESS	4	WTRINOTS	POINTER TO NEXT NOTE AREA
2600	(A28)	BITSTRING	24	WTRICKPT	SAVE AREA FOR THE CHECKPOINT.
2624	(A40)	ADDRESS	4	WTRIRQAD	SAVE AREA FOR CALLED WTR RQ ADDRESS OR 0 FOR DYNAMIC WTR
2628	(A44)	ADDRESS	4	WTRIJDSP	JDS POINTER FOR DATA SET IN PROGRESS AT THE CHANNEL
2632	(A48)	SIGNED	4	WTRIPARM	FREE/HOLD PARM
2636	(A4C)	BITSTRING	16	WTRIDBPM(0)	LENGTH/ADDRESS OF I/P RECORD
2636	(A4C)	SIGNED	4	WTRILEN1	SPLIT RECORD LENGTH ONE
2640	(A50)	SIGNED	4	WTRIADR1	SPLIT RECORD ADDRESS ONE
2644	(A54)	SIGNED	4	WTRILEN2	SPLIT RECORD LENGTH TWO
2648	(A58)	SIGNED	4	WTRIADR2	SPLIT RECORD ADDRESS TWO

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
2652	(A5C)	SIGNED	4	WTRIRCDS	SAVE AREA FOR JOB AND DATA SET RECORD COUNT
2656	(A60)	SIGNED	4	WTRIPAGS	SAVE AREA FOR JOB AND DATA SET PAGE COUNT
2660	(A64)	SIGNED	4	WTRIRPOS	REPOSITION COUNT
2664	(A68)	SIGNED	4	WTRILNCT	CHECKPOINT RECORD COUNTER
2668	(A6C)	SIGNED	4	WTRISLEN	CMD SCAN SAVE AREA (OSMP)
2672	(A70)	SIGNED	4	WTRDECFL(5)	WAIT FOR WORK ECF LIST
2672	(A70)	SIGNED	4	WTRDECF1	FIRST ECF ADDRESS
2676	(A74)	BITSTRING	1	(3)	MUST BE ZERO
2679	(A77)	BITSTRING	1	WTRDMSK1	FIRST ECF MASK
2680	(A78)	SIGNED	4	WTRDECF2	SECOND ECF ADDRESS
2684	(A7C)	BITSTRING	1	(3)	MUST BE ZERO
2687	(A7F)	BITSTRING	1	WTRDMSK2	SECOND ECF MASK
2688	(A80)	BITSTRING	4	WTRDECFE	ECF LIST TERMINATOR
2672	(A70)	SIGNED	4	WTRPSM14	SAVE RETURN FOR SMF6
2676	(A74)	SIGNED	4	WTRPRD14	SAVE RETURN FOR WOSE READ
2680	(A78)	SIGNED	4	WTRPWT14	SAVE RETURN FOR WOSE WRITE
2684	(A7C)	SIGNED	4	WTRPRL14	SAVE RETURN FOR WOSE RELEASE
2688	(A80)	SIGNED	4	WTRPSV14	SAVE RETURN-COMPLETE,RESCHED
2692	(A84)	SIGNED	4	(3)	REVD FOR OSWP RETURN SAVE
2704	(A90)	SIGNED	4	WTRPREG2	REG 2 SAVE AREA (OSWP)
2708	(A94)	SIGNED	4	WTRPSAV1	REGISTER SAVE AREA (OSWP) 0357
2712	(A98)	SIGNED	4	WTRPSAV2	REGISTER SAVE AREA (OSWP) 0357
2716	(A9C)	SIGNED	4	WTRPSAV3	REGISTER SAVE AREA (OSWP) 0357
2720	(AA0)	SIGNED	4	WTRPSAV4	REGISTER SAVE AREA (OSWP) 0357
2724	(AA4)	BITSTRING	1	WTRPWTRC	LOCAL RETURN CODE (OSWP)
				SEVEN LINES DELETED BY APAR OZ73227 HALF WORD SCRATCH AREAS	
2726	(AA6)	SIGNED	2	WTRINLCN	LINE COUNT BETWEEN NOTES
2728	(AA8)	SIGNED	2	WTRINTCN	NUMBER OF NOTES TO BE TAKEN BETWEEN CHECKPOINTS
2730	(AAA)	SIGNED	2	WTRICPYT	COPIES TRANSMITTED
				NEXT FIELD IS MEANINGFUL FOR 3800 ONLY	
2732	(AAC)	SIGNED	2	WTRILPOS	FCB LINE POSITION AT START
				WTRIOSE DEFINES A PARAMETER OSE USED TO IDENTIFY SETUP REQUIREMENTS TO IATOSPS.	
2736	(AB0)	SIGNED	4	(0)	INSURE FULLWORD ALIGNMENT
2736	(AB0)	BITSTRING	96	WTRIOSE	0483
2832	(B10)	BITSTRING	256		0483
3088	(C10)	BITSTRING	1		0483
3088	(C10)	X'240'	0	WTRIOSSZ	"L'OSEFSIZE+L'OSEVSIZE+L'OSEDSIZE"
				BYTE ALIGNMENT	

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
3312	(CF0)	BITSTRING	1	WTRIREST	RESET MASK FOR DS/OSE UPDATE
3313	(CF1)	BITSTRING	1	WTRISET	SET MASK FOR DS/OSE UPDATE
3314	(CF2)	BITSTRING	1	WTRIHTYP	HOLD TYPE FOR DATA SET
3315	(CF3)	BITSTRING	1	WTRIHRSN	HOLD REASON FOR DATA SET
3316	(CF4)	BITSTRING	2	WTRRSVDB	RESERVED FOR DEVELOPMENT
		FDB FOR DATASET OUTPUT INFORMATION BLOCK (DOI), CREATED FOR APPC TRANASACTION PROGRAMS.			
3318	(CF6)	BITSTRING	34	WTRIDOFD	DOI MRF FDB
3352	(D18)	SIGNED	4	WTRIFFDB(0)	FULL WORD BOUNDARY 2843
3352	(D18)	BITSTRING	1	WTRIFDBS	FDB
3352	(D18)	X'D18'	0	WTRIWRKM	"WTRIFDBS,17" WORK AREA FOR ROUTE CODE MASK
3352	(D18)	X'D18'	0	WTRIWRK	"WTRIFDBS,16" WORK AREA FOR OUTPUT SERVICE COMMAND WITH OPTION ',P'
3380	(D34)	CHARACTER	10	WTRIWORK	WORK AREA, REDEFINED 2843
3390	(D3E)	CHARACTER	1	WTRINAV	NAV OPTION
3391	(D3F)	ADDRESS	1	WTRICOPY	CURRENT COPY NUMBER(IF 3800, CURRENT STARTING COPY NUM)
3392	(D40)	ADDRESS	1	WTRICPYS	TOTAL COPIES (IF 3800, SUM OF COPY GROUPS)
3393	(D41)	ADDRESS	1	WTRIFLCN	FLASH COUNT
3394	(D42)	BITSTRING	8	WTRICPYE	COPY GROUP VALUES
3402	(D4A)	BITSTRING	3	WTRICNTR(0)	3800 COPY LOAD PARM LIST
3402	(D4A)	ADDRESS	1	WTRICPYN	STARTING COPY NUMBER
3403	(D4B)	ADDRESS	1	WTRICPYC	NUMBER OF COPIES TO PRINT
3404	(D4C)	ADDRESS	1	WTRICFLC	NUMBER OF COPIES TO FLASH
3405	(D4D)	BITSTRING	8	WTRISELP	COMMAND SELECTION PARAMETER
3413	(D55)	ADDRESS	1	WTRICNTP	COMMAND CLASS COUNT
3414	(D56)	CHARACTER	36	WTRICLSP	COMMAND CLASSES
		FLAG BYTES			
3450	(D7A)	BITSTRING	8	WTRIMFLS(0)	INPUT MESSAGE FLAGS
3450	(D7A)	BITSTRING	2	WTRIMFLA(0)	NON KEYWORD PARAMS
3450	(D7A)	BITSTRING	1	WTRIMFL1	FLAG BYTE
		DEFINITION OF WTRIMFL1			
		1...		WTRIA	"X'80'" AUTO OPTION
		.1..		WTRIC	"X'40'" CHECKPOINT OPTION
		..1.		WTRID	"X'20'" DIAGNOSTIC OPTION
		...1		WTRIG	"X'10'" GROUP OPTION
		.... 1...		WTRIJ	"X'08'" JOB OPTION
		.... .1..		WTRIL	"X'04'" LOAD OPTION
		.... ..1.		WTRIM	"X'02'" MANUAL OPTION
		1		WTRIN	"X'01'" NOTE OPTION
3450	(D7A)	X'5D'	0	WTRIMPM1	"FF-WTRIA-WTRID-WTRIM" NO FSS SYNCH REQ. OPTIONS
3451	(D7B)	BITSTRING	1	WTRIMFL2	FLAG BYTE

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF WTRIMFL2			
		1...		WTRIP	"X'80'" PENDING RECS. OPTION
		.1..		WTRIR	"X'40'" RELEASE OPTION
		..1.		WTRIS	"X'20'" SINGLE OPTION
		...1		WTRIT	"X'10'" TERMINATE OPTION
		.... 1...		WTRIHLD	"X'08'" HOLD OPTION
		.... .1..		WTRIRCD	"X'04'" RESCHEDULE OPTION
		.... ..1.		WTRIM202	"X'02'" RESERVED
		1		WTRIM201	"X'01'" RESERVED
3451	(D7B)	X'7F'	0	WTRIMPM2	"FF-WTRIP" NO FSS SYNCH REQUIRED OPTION
3452	(D7C)	BITSTRING	3	WTRIMFLB(0)	FLAGS FOR PARAMS. W/EQUALS
3452	(D7C)	BITSTRING	1	WTRIMFL3	FLAG BYTE
		DEFINITION OF WTRIMFL3			
		1...		WTRIBEQ	"X'80'" BURST OPTION (BURST=Y/N)
		.1..		WTRICBEQ	"X'40'" CLEAR BUFFER OPTION (CB=)
		..1.		WTRICHEQ	"X'20'" CHARS OPTION
		...1		WTRICMEQ	"X'10'" COPYMOD OPTION (MODIFY=)
		.... 1...		WTRICPEQ	"X'08'" COPIES OPTION
		.... .1..		WTRICTEQ	"X'04'" CARRIAGE TAPE OPTION (FCB)
		.... ..1.		WTRIDEQ	"X'02'" DEST OPTION
		1		WTRIFEQ	"X'01'" FORMS OPTION
3452	(D7C)	X'FF'	0	WTRIMPM3	"FF" NO FSS SYNCH REQUIRED OPTIONS
3453	(D7D)	BITSTRING	1	WTRIMFL4	FLAG BYTE
		DEFINITION OF WTRIMFL4			
		1...		WTRIFLEQ	"X'80'" FLASH OPTION
		.1..		WTRIHEQ	"X'40'" HEADER OPTION
		..1.		WTRIJEQ	"X'20'" JOB EQUALS OPTION
		...1		WTRILEQ	"X'10'" LINE LIMIT OPTION
		.... 1...		WTRINVEQ	"X'08'" NAVAIL OPTION
		.... .1..		WTRIOTEQ	"X'04'" OUT OPTION
		.... ..1.		WTRIREQ	"X'02'" REPOSITION OPTION
		1		WTRISTEQ	"X'01'" STACKER OPTION
3453	(D7D)	X'FF'	0	WTRIMPM4	"FF" NO FSS SYNCH REQUIRED OPTIONS
3454	(D7E)	BITSTRING	1	WTRIMFL5	
		DEFINITION OF WTRIMFL5			
		1...		WTRISZEQ	"X'80'" SIZE OPTION
		.1..		WTRIWCEQ	"X'40'" WC OPTION
		..1.		WTRIWSEQ	"X'20'" WS OPTION
		...1		WTRIUEQ	"X'10'" UCS OPTION
		.... 1...		WTRIPMEQ	"X'08'" PROCESSING MODE OPTION
		.... .1..		WTRIROEQ	"X'04'" RUN OUT INTERVAL OPTION

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... ..1.		WTRIPGEQ	"X'02'" PAGE LIMIT OPTION #103
		1		WTRICKEQ	"X'01'" CHECKPOINT INTERVAL OPTION
3454	(D7E)	X'FB'	0	WTRIMPM5	"FF-WTRIROEQ" NO FSS SYNCH REQUIRED OPTIONS
3455	(D7F)	BITSTRING	1	WTRIMFL6	
		DEFINITION OF WTRIMFL6			
		1...		WTRIWSP	"X'80'" WS = P FOUND
		.1..		WTRIWSD	"X'40'" WS = D FOUND
		..1.		WTRIWST	"X'20'" WS = T FOUND
		...1		WTRIWSF	"X'10'" WS = F FOUND
		.... 1...		WTRIWSC	"X'08'" WS = C FOUND
		.... .1..		WTRIWSU	"X'04'" WS = U FOUND
		.... ..1.		WTRIWSL	"X'02'" WS = L FOUND
		1		WTRIWSCL	"X'01'" WS = CL FOUND
3455	(D7F)	X'FF'	0	WTRIMPM6	"FF" NO FSS SYNCH REQUIRED OPTIONS
3456	(D80)	BITSTRING	1	WTRIMFL7	
		DEFINITION OF WTRIMFL7			
		1...		WTRIWSFL	"X'80'" WS = FL FOUND
		.1..		WTRIWSCM	"X'40'" WS = CM FOUND
		..1.		WTRIWSST	"X'20'" WS = ST FOUND
		...1		WTRIWSPM	"X'10'" WS = PM FOUND
		.... 1...		WTRICEQ	"X'08'" COPYMARK OPTION
		.... .1..		WTRIM704	"X'04'" RESERVED
		.... ..1.		WTRIM702	"X'02'" RESERVED
		1		WTRIM701	"X'01'" RESERVED
3456	(D80)	X'FF'	0	WTRIMPM7	"FF" NO FSS SYNCH REQUIRED OPTIONS
3457	(D81)	BITSTRING	1	WTRIMFL8	RESERVED
3457	(D81)	X'FF'	0	WTRIMPM8	"FF" NO FSS SYNCH REQUIRED OPTIONS
		BEGINNING OF AREA DUMPED IN MESSAGE IAT7060 BY SPECIFYING THE D PARAMETER ON A X, S, R OR C COMMAND.			
3458	(D82)	BITSTRING	1	WTRIMFLP	FLAG BYTE
		DEFINITION OF WTRIMFLP			
		1...		WTRISTRT	"X'80'" COMMAND IS START
		.1..		WTRIRSTR	"X'40'" COMMAND IS RESTART
		..1.		WTRICNCL	"X'20'" COMMAND IS CANCEL
		...1		WTRICALL	"X'10'" COMMAND IS CALL
		.... 1...		WTRISYND	"X'08'" WTR SYNC HAS BEEN DONE
		.... .1..		WTRIJOBS	"X'04'" JOB SELECTED
		.... ..1.		WTRIDSS	"X'02'" DATA SET SELECTED
		1		WTRIMNT	"X'01'" MOUNT CONDITION
3459	(D83)	BITSTRING	1	WTRIFLG1	SAVE AREA FOR OSEDFLG1
3460	(D84)	BITSTRING	1	WTRIFLG2	FLAGS

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF WTRIFLG2			
		1...		WTRIOS	"X'80'" WTR WILL SELECT NEW OSE
		.1..		WTRISTUP	"X'40'" COMMAND IMPLEMENTATION IN #096 SETUP PROCESSING. #096
		..1.		WTRINNPR	"X'20'" NO NPRO VALUE SPECIFIED 3013
		...1		WTRIREOF	"X'10'" EOF ON REPOSITIONING FWD
		.... 1...		WTRISTER	"X'08'" SYNTAX ERROR DETECTED
		.... .1..		WTRIERIN	"X'04'" PARAMETER ERROR DETECTED
		.... ..1.		WTRINEGV	"X'02'" NOT ATTRIBUTE
		1		WTRIPFOK	"X'01'" WTRIPFOR HAS A VALID VALUE
3461	(D85)	BITSTRING	1	WTRIFLG3	FLAG BYTE
		DEFINITION OF WTRIFLG3			
		1...		WTRIDSBG	"X'80'" DATA STARTED
		.1..		WTRIDSDN	"X'40'" DATA COMPLETED
		..1.		WTRIPAGE	"X'20'" REPOSITION BY PAGES
		...1		WTRIDSLD	"X'10'" DATA SET LABEL EXIT CALLED
		.... 1...		WTRITRNC	"X'08'" SHORT OUTPUT REQUIRED
		.... .1..		WTRIRSCD	"X'04'" JOB RESCHEDULE REQUIRED
		.... ..1.		WTRIRJPE	"X'02'" TERMINATE BY RJP CANCEL
		1		WTRIKPJS	"X'01'" KEEP JOB START PPQ/PDQ
3462	(D86)	BITSTRING	1	WTRIFLG4	FLAG BYTE
		DEFINITION OF WTRIFLG4			
		1...		WTRIEND	"X'80'" TERMINATION FLAG
		.1..		WTRIHOT	"X'40'" HOT WRITER FLAG
		..1.		WTRIRSCH	"X'20'" JOB RESCHEDULE REQUIRED
		...1		WTRIDLE	"X'10'" HOT WRITER GOING IDLE
		.... 1...		WTRICHNG	"X'08'" OSE RESCHEDULE REQUIRED
		.... .1..		WTRINDSR	"X'04'" DATA SET RESCHEDULE REQUIRED
		.... ..1.		WTRICPPL	"X'02'" PLUS COPIES OPTION
		1		WTRICPMI	"X'01'" MINUS COPIES OPTION
3463	(D87)	BITSTRING	1	WTRIFLG5	FLAG BYTE
		DEFINITION OF WTRIFLG5			
		1...		WTRISREQ	"X'80'" SETUP REQUIRED
		.1..		WTRIJOB	"X'40'" JOB SELECTED FLAG
		..1.		WTRIDS	"X'20'" DATASET SELECTED FLAG
		...1		WTRIMANM	"X'10'" DYNAMIC MANUAL MODE
		.... 1...		WTRINONE	"X'08'" OPEN LABEL=NONE REQUIRED
		.... .1..		WTRIDSOP	"X'04'" DATA SET HAS BEEN OPENED
		.... ..1.		WTRIWMSG	"X'02'" WAIT MSG QUEUED
		1		WTRIVLOR	"X'01'" VOL LABEL OPEN REQUIRED
3464	(D88)	BITSTRING	1	WTRIFLG6	FLAG BYTE

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF WTRIFLG6			
		1...		WTRIJDSH	"X'80'" JDS HELD - RELEASE REQUIRED WHEN SETTING THIS BIT, 0712 ALSO STORE THE OWNING RSQ 0712 ADDRESS IN FIELD WTRWPRSQ 0712
		.1..		WTRIKDSI	"X'40'" KEEP DSISO DS, DO NOT PURGE
		..1.		WTRIPRAG	"X'20'" AGETMAIN ISSUED FOR PRMODE OPTION PARM BUFFER
		...1		WTRICCWB	"X'10'" CCW BUILT FOR IATXOSP
		.... 1...		WTRIPAGF	"X'08'" PAGE FOR IATODPX IS FIXED
		.... .1..		WTRIOSL	"X'04'" IATOSXX HAS BEEN LOADED
		.... ..1.		WTRIINL	"X'02'" INPUT MOD HAS BEEN LOADED
		1		WTRI7072	"X'01'" REQUEST MSG IAT7072 ISSUED
		DEFINITION OF WTRIFLG8			
3465	(D89)	BITSTRING	1	WTRIFLG8	Flag byte 8
		1...		WTRIOPNS	"X'80'" Open with LABEL=SETUP issued in IATOSWD
		.1..		WTRIOSEN	"X'40'" WTRIOSE has been changed during RELDS incomplete.
3466	(D8A)	BITSTRING	1	WTRINDX	RETURN INDEX FOR INPUT MSG
		DEFINITION OF WTRINDX			
3466	(D8A)	X'0'	0	WTRIJS	"0" JOB SELECT
3466	(D8A)	X'4'	0	WTRISU	"WTRIJS+4" DEVICE SETUP
3466	(D8A)	X'8'	0	WTRIVO	"WTRISU+4" VOLUME OPEN
3466	(D8A)	X'C'	0	WTRIRM	"WTRIVO+4" READY MESSAGE
3466	(D8A)	X'10'	0	WTRIDSO	"WTRIRM+4" DATA SET OPEN
3466	(D8A)	X'14'	0	WTRIDSR	"WTRIDSO+4" DATA SET REPOSITIONING
3466	(D8A)	X'18'	0	WTRIDL	"WTRIDSR+4" DEBLOCK LOOP
3466	(D8A)	X'1C'	0	WTRIEP	"WTRIDL+4" EOD PUT
3466	(D8A)	X'20'	0	WTRIPT	"WTRIEP+4" PUT TRUNCATE
3466	(D8A)	X'24'	0	WTRIPO	"WTRIPT+4" PUT OUTPUT
3466	(D8A)	X'28'	0	WTRIDSD	"WTRIPO+4" DATA SET DONE
3466	(D8A)	X'2C'	0	WTRIDSC	"WTRIDSD+4" DATA SET COMPLETE
3466	(D8A)	X'30'	0	WTRIGNO	"WTRIDSC+4" GET NEXT OSE
3466	(D8A)	X'34'	0	WTRITLC	"WTRIGNO+4" TRAILER LABEL CLOSE
		END OF AREA DUMPED BY SPECIFYING D ON THE X, S, R OR C COMMAND FOR NON-FSS MODE WRITERS. FOR WRITERS IN FSS MODE SEE WTRFFLG1.			
3467	(D8B)	BITSTRING	1	WTRIFLG7	FLAG BYTE
		DEFINITION OF WTRIFLG7			
		1...		WTRISMFT	"X'80'" DO NOT CLEAR SMF6WST (WTR START TIME)
		.1..		WTRISMFL	"X'40'" RESET SMF6 LINE AND PAGE COUNTS BECAUSE DATA SET END PPQ WAS RESCHEDULED

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		WTRFBUSY	"X'20'" FSS DRIVER (OSFD) HAS GIVEN CONTROL TO THE COMMAND PROCESSOR
3468	(D8C)	BITSTRING	1	WTRIRSFL	RESERVED FOR FLAG
3472	(D90)	SIGNED	4	WTRWPRSQ	Pointer to JDS-owning RQ
3476	(D94)	ADDRESS	4	WTRIJMRD	If non-zero, pointer to the OSE data set section used for IATXJMR
3480	(D98)	ADDRESS	4	WTRIJMRQ	Pointer to the JMR-owning RQ
3484	(D9C)	SIGNED	4	WTRIRSV2(2)	Reserved for development
3492	(DA4)	CHARACTER	8	WTRLOGNM	Job name for login message of restored PPQ entry
3500	(DAC)	CHARACTER	8	WTRLOGID	Job id for login message of restored PPQ entry
3508	(DB4)	SIGNED	4	WTRIREPO	REPOSITION COUNT FROM CKPNT
3512	(DB8)	SIGNED	4	WTRIRSV4	RESERVED FOR USER
				THE FOLLOWING WSP ADDRESS IS USED IN MODULE IATOSWP FOR IATXOSWS REQUESTS TO INSURE THE VALIDITY OF THE WRITER DRIVER WSP FOR NON CHANNEL ORIENTED OUTPUT DEVICES. (I.E. 3800)	
3516	(DBC)	ADDRESS	4	WTRWSPAA	POINT TO WSP IN SECOND PAGE -- OF YWTR EXPANSION
3520	(DC0)	BITSTRING	1	WTRISYSE(0)	END OF AREA ZEROED DURING IATOSWD INITIALIZATION
3520	(DC0)	BITSTRING	1	WTRIZLEN(0)	L' IS SIZE TO ZERO
0	(0)	X'4'	0	WTRDQRTN	"4" CONS SERVICES QUEUE RETURN
0	(0)	X'8'	0	WTRDRRTN	"8" CONS SERVICES REJECT RETURN
3612	(E1C)	BITSTRING	16	WTRDRSVD	RESERVED FOR DEVELOPMENT
				IFASMFR 6 THIS LINE DELETED BY APAR OZ84504 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) IN JES2, THIS RECORD IS WRITTEN FOR EACH JOB OUTPUT ELEMENT, WHICH REPRESENTS A GROUP OF DS DIFFERENTIATED BY PUNCH OR PRINTER SETUP & TYPE OF OUTPUT(EG HELD VS NON-HELD). FOR JES3, WRITTEN FOR EACH COPY OF A DATA SET	
3628	(E2C)	SIGNED	4	(0)	ALIGN TO FULL WORD BOUNDARY
3628	(E2C)	X'E2C'	0	SMFRCD6	"*" HEADER SEGMENT
3628	(E2C)	BITSTRING	2	SMF6LEN	RECORD LENGTH
3630	(E2E)	BITSTRING	2	SMF6SEG	SEGMENT DESCRIPTOR
3632	(E30)	BITSTRING	1	SMF6FLG	HEADER FLAG BYTE
3633	(E31)	BITSTRING	1	SMF6RTY	RECORD TYPE 6
3633	(E31)	X'6'	0	SMFJ6	"6" PRINT/PUNCH RECORD TYPE
3634	(E32)	BITSTRING	4	SMF6TME	TOD, USING FORMAT FROM TIME MACRO W/ BIN. INTVL
3638	(E36)		4	SMF6DTE	DATE IN PACKED DECIMAL FORM: 00YYDDDF
3642	(E3A)	CHARACTER	4	SMF6SID	SYSTEM IDENTIFICATION Y02901
3646	(E3E)	CHARACTER	8	SMF6JBN	JOB NAME
3654	(E46)	BITSTRING	4	SMF6RST	RDR START TIME, TIME JOB CARD 1ST READ
3658	(E4A)		4	SMF6RSD	READER START DATE 00YYDDDF
3662	(E4E)	CHARACTER	8	SMF6UIF	USER ID FIELD

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
3670	(E56)	CHARACTER	1	SMF6OWC	OUTPUT WTR CLASS, BLANK FOR NON-SYSOUT
3671	(E57)	BITSTRING	4	SMF6WST	WRITER START TIME
3675	(E5B)		4	SMF6WSD	WRITER START DATE
3679	(E5F)	BITSTRING	4	SMF6NLR	# OF LOGICAL RECORDS HANDLED BY WRITER PER FORM # PER CLASS, INCLUDES REPEATS AND RESTARTS.
3683	(E63)	BITSTRING	1	SMF6IOE	IO ERROR INDICATOR: BITS 0-4 RESERVED Y02120
		.... .1..		SMF6DIE	"X'04'" 5 - DATA INPUT ERROR 6 - RESV Y02120
		1		SMFCBIE	"X'01'" 7 - CONTROL BLOCK INPUT ERROR
3684	(E64)	BITSTRING	1	SMF6NDS	# OF DATA SETS PROCESSED BY THE OUTPUT Y02120 WRITER AND INCLUDED IN THIS RECORD. Y02120 (COUNT FOR EACH TIME A DS IS PRINTED) Y02120 DOES NOT INCLUDE RESTARTS.
3685	(E65)	CHARACTER	4	SMF6FMN	FORM NUMBER
3689	(E69)	BITSTRING	1	SMF6PAD1	STATUS INDICATORS - THE SECTIONS WILL BE IN THE ORDER LISTED BELOW WHEN THE BIT IS TURNED ON BIT MEANING
		1...		SMF6FEXT	"X'80'" 0 1 - FIRST EXTENSION PRESENT
		.1..		SMF6REXT	"X'40'" 1 1 - COMMON SECTION PRESENT
		..1.		SMF6SEXT	"X'20'" 2 1 - SECOND EXTENSION PRESENT
		...1		SMF6ESS1	"X'10'" 3 1 - ENHANCED SYSOUT SECTION PRESENT
		.... 1...		SMF6FTFR	"X'08'" 4 1 - FILE TRANSFER SECTION PRESENT 5-7 RESERVED
3690	(E6A)	BITSTRING	2	SMF6SBS	SUBSYSTEM GENERATING ID EXTWTR=0, JES2=2, JES3=5, PSF=7, IP PrintWay = 9
3692	(E6C)	BITSTRING	2	SMF6LN1	LENGTH OF SECTION INCLUDING THIS FIELD
3694	(E6E)	BITSTRING	1	SMF6DCI	DS CONTROL INDICATORS FOR DATA GROUP
		1...		SMF6DCRV	"X'80'" 0 - RESERVED
		.1..		SMF6SDS	"X'40'" 1 - SPUN OFF DS
		..1.		SMF6OCN	"X'20'" 2 - TERMINATED BY OPERATOR
		...1		SMF6ORD	"X'10'" 3 - INTERRUPTED BY OPERATOR (JES2) OPERATOR RESTARTED DATA SET WITH DESTINATION (JES3)
		.... 1...		SMF6OR	"X'08'" 4 - RESTARTED BY OPERATOR
		.... .1..		SMF6ROR	"X'04'" 5 - CONT OF INTERRUPTED GROUP (JES2) RECEIVED OP RESTARTED DS(JES3)
		.... ..1.		SMF6OSS	"X'02'" 6 - CARRIAGE OVERRIDEN BY OPER(JES2) OPERATOR STARTED WITH SINGLE SPACE(JES3)
		1		SMF6INT	"X'01'" 7 - PUNCH WAS INTERPRETED
3695	(E6F)	BITSTRING	1	SMF6INDC	INDICATOR BITS BITS 0-3 ARE RESERVED FOR FUTURE EXPANSION OF DATASET CONTROL INDICATORS BITS 4-7 ARE RECORD LEVEL INDICATORS IN BIT VALUE FORMAT. EXAMPLE: LEVEL 1=X'01' LEVEL 12=X'0C' LEVEL 15=X'0F' THIS NUMBER WILL BE INCREMENTED BY 1 EACH TIME A NEW RELEASE CHANGES THE RECORD
		1		SMF6LEV2	"X'01'" THIS VARIABLE IS FOR JES2 TO SET THE LEVEL INDICATOR BITS.

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		11		SMF6J2L3	"X'03'" THIS VARIABLE IS FOR JES2 TO SET THE LEVEL INDICATOR BITS.
		.... .1..		SMF6J2L4	"X'04'" THIS VARIABLE IS FOR JES2 TO SET THE LEVEL INDICATOR BITS FOR SECURITY SUPPORT
		1		SMF6LEV3	"X'01'" THIS VARIABLE IS FOR JES3 TO SET THE LEVEL INDICATOR BITS.
		11		SMF6J3L3	"X'03'" THIS VARIABLE IS FOR JES3 TO SET THE LEVEL INDICATOR BITS.
		.... .1..		SMF6J3L4	"X'04'" THIS VARIABLE IS FOR JES3 TO SET THE LEVEL INDICATOR BITS FOR SECURITY SUPPORT INDICATOR BITS.
		.... .1.1		SMF6LEV4	"X'05'" MVS/JES2 RELEASE 4.1.0
		.... .11.		SMF6LEV6	"X'06'" PSF/MVS RELEASE 3.1.0
		.... .111		SMF6LEV7	"X'07'" Z/OS RELEASE V1R5
3696	(E70)	CHARACTER	4	SMF6JNM	WHEN SMF6INDC CONTAINS A X'1', THIS FIELD CONTAINS A FOUR-DIGIT EBCDIC JOB NUMBER. WHEN SMF6INDC CONTAINS A X'3' OR GREATER, AND THE JOB NUMBER HAS MORE THAN 4 DIGITS, THIS FIELD CONTAINS ZEROS. IF THE JOB NUMBER IS < OR = TO 9999, THIS FIELD CONTAINS THE JOB NUMBER. FOR AN APPC TRANSACTION, THIS FIELD CONTAINS ZEROES. THE CORRECT JOB NUMBER OR APPC TRANSACTION ID IS FOUND IN SMF6JBID.
3700	(E74)	CHARACTER	8	SMF6OUT	LOGICAL OUTPUT DEVICE NAME FOR THE 3820, ACF/VTAM LOGICAL UNIT NAME
3708	(E7C)	CHARACTER	4	SMF6FCB	FCB ID Y02120
3712	(E80)	CHARACTER	4	SMF6UCS	UCS ID Y02120 END OF RECORD FOR EXTERNAL WTR
3716	(E84)	BITSTRING	4	SMF6PGE	APPROXIMATE PHYSICAL PAGE COUNT
3716	(E84)	X'E88'	0	SMF6J2S	"*" BEGIN JES2 ONLY SECTION
3720	(E88)	BITSTRING	2	SMF6RTE	OUTPUT ROUTE CODE OR ZERO
3722	(E8A)	BITSTRING	1	SMF6END2(0)	END OF JES2 RECORD
3722	(E8A)	BITSTRING	0	SMF6SIZ2(0)	SIZE OF JES2 SMF6 RECORD EXCLUDING OPTIONAL EXTENSIONS
3722	(E8A)	BITSTRING	0	SMF6SIZ3(0)	SIZE OF JES2 SMF6 RECORD FROM SMF6LN1 TO HERE
3720	(E88)	X'E88'	0	SMF6J3S	"*" BEGIN JES3 ONLY SECTION
3720	(E88)	BITSTRING	2	SMF6DFE	DATA FORMAT ERROR INDICATORS BITS 0-5 RESV
		.... ..1.		SMF6CCE	"X'02'" 6 - SOME 1ST CHAR CONTROL DATA BAD, DEFAULT USED
		1		SMF6RBE	"X'01'" 7 - BAD RECORD LENGTH(TRUNCATE OR PAD) 8-15 RESV
3722	(E8A)	BITSTRING	2	SMF6OPR	OUTPUT PRIORITY
3724	(E8C)	CHARACTER	8	SMF6GRP	LOGICAL OUTPUT DEVICE GROUP NAME
3732	(E94)	CHARACTER	8	SMF6RSVJ	RESERVED FOR JES3
3740	(E9C)	CHARACTER	4	SMF6RSVU	RESERVED FOR USER
3744	(EA0)	BITSTRING	1	SMF6END(0)	END OF JES3 RECORD
3744	(EA0)	BITSTRING	0	SMF6SIZ(0)	SIZE OF JES3 SMF6 RECORD EXCLUDING OPTIONAL EXTENSIONS
3744	(EA0)	BITSTRING	1	SMF6LSIZ(0)	SIZE OF JES3 SMF6 RECORD FROM SMF6LN1 TO HERE

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		FIRST EXTENSION - NON-IMPACT PRINTING SUBSYSTEM SECTION THIS SECTION WILL ONLY BE PRESENT WHEN SMF6SBS IS SET TO 2, 5 OR 7 INDICATING THAT JES2, JES3 OR PSF HAS GENERATED THIS RECORD			
3692	(E6C)	BITSTRING	2	SMF6LN2	LENGTH FIRST EXTENSION INCLUDING THIS FLD
3694	(E6E)	CHARACTER	1	SMF6CPS(8)	COPIES DISTRIBUTION
3702	(E76)	CHARACTER	4	SMF6CHR(4)	TRANSLATE TABLE NAMES FRO CHARS PARM
3718	(E86)	CHARACTER	4	SMF6MID	COPY MODIFICATION MODULE NAME
3722	(E8A)	CHARACTER	4	SMF6FLI	FLASH OVERLAY NAME
3726	(E8E)	BITSTRING	1	SMF6FLC	NUMBER OF COPIES FLASHED
3727	(E8F)	BITSTRING	1	SMF6BID	FLAG BYTE
		1...		SMF6BTS	"X'80'" THE BTSS WAS USED FOR OUTPUT
		.1..		SMF6OPJ	"X'40'" OPTCD=J WAS USED FOR OUTPUT
		..1.		SMF6CSP	"X'20'" CUT SHEET PRINTER
3728	(E90)	BITSTRING	1	SMF6FEND(0)	END OF FIRST EXTENSION
3728	(E90)	BITSTRING	1	SMF6FSIZ(0)	SIZE OF FIRST EXTENSION
		COMMON SECTION - THIS SECTION IS AN EXTENSION OF THE FIXED HEADER SECTION AND WILL BE WRITTEN BY ALL GENERATORS OF THE TYPE 6 RECORD. THIS WAS PREVIOUSLY CALLED THE ROUTING SECTION.			
3692	(E6C)	BITSTRING	2	SMF6LN3	LENGTH OF SECTION INCLUDING THIS FIELD
3694	(E6E)	CHARACTER	4	SMF6ROUT	OUTPUT ROUTE CODE
3698	(E72)	CHARACTER	8	SMF6EFMN	OUTPUT FORM NUMBER
3706	(E7A)	BITSTRING	1	SMF6REND(0)	END OF OLD ROUTING SECTION
3706	(E7A)	BITSTRING	0	SMF6RSIZ(0)	SIZE OF OLD ROUTING SECTION
3706	(E7A)	CHARACTER	16		RESERVED
3722	(E8A)	CHARACTER	8	SMF6JBID	JOB ID
3730	(E92)	CHARACTER	8	SMF6STNM	STEPNAME
3738	(E9A)	CHARACTER	8	SMF6PRNM	PROCEDURE STEP NAME
3746	(EA2)	CHARACTER	8	SMF6DDNM	DD NAME
3754	(EAA)	CHARACTER	8	SMF6USID	USER ID
3762	(EB2)	CHARACTER	8	SMF6SECS	SECURITY LABEL (SECLABEL)
3770	(EBA)	CHARACTER	8	SMF6PRMD	PROCESSING MODE
3778	(EC2)	CHARACTER	53	SMF6DSNM	DATA SET RESOURCE NAME
3831	(EF7)	CHARACTER	3		RESERVED
3834	(EFA)	CHARACTER	20	SMF6OTOK	OUTPUT GROUP TOKEN
3854	(F0E)	BITSTRING	1	SMF6DEND(0)	END OF ROUTING SECTION
3854	(F0E)	BITSTRING	1	SMF6DSIZ(0)	SIZE OF ROUTING SECTION
		ENHANCED SYSOUT SECTION			
3692	(E6C)	BITSTRING	2	SMF6LN5	LENGTH ENHANCED SYSOUT SECTION INCLUDING THIS FIELD
3694	(E6E)	BITSTRING	4	SMF6SGID	SEGMENT IDENTIFIER
3698	(E72)	BITSTRING	1	SMF6IND	SECTION INDICATOR
		1...		SMF6SJF	"X'80'" ERROR OBTAINING SWBTU - SWBTU DATA AREA NOT PRESENT

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
3699	(E73)	BITSTRING	1	SMF6RSV	RESERVED
3700	(E74)	CHARACTER	8	SMF6JDVT	JDVTNAME
3708	(E7C)	BITSTRING	2	SMF6TUL	SWBTU DATA AREA LENGTH
3710	(E7E)	CHARACTER	1	SMF6TU(0)	SWBTU DATA AREA - DATA AREA CAN BE PROCESSED USING SWBTUREQ MACRO
3710	(E7E)	BITSTRING	1	SMF6EEND(0)	END OF ENHANCED SYSOUT SECTION
3710	(E7E)	BITSTRING	1	SMF6ESIZ(0)	SIZE OF ENHANCED SYSOUT SEC. MOVED SMF6LN4 TO AOPSMF6 2 MOVED SMF6BNLN TO AOPSMF6 2 MOVED SMF6BNNO TO AOPSMF6 4 MOVED SMF6LN6 TO AOPSMF6 11

```
   METHOD OF ACCESS
   PLAS: %INCLUDE SYSLIB(AOPSMF6)
   ASSEMBLER: AOPSMF6
  NOTES:
            PL/AS - INCLUDED BY IFASMFR
            BAL - CALLED FROM IFASMFR
THIS IS AN SMF MACRO WHICH CONTROLS THE BUILDING OF PORTIONS OF
THE SMF TYPE 6 RECORD. THE SECTIONS ARE:
    SECOND EXTENSION - APA SECTION - WRITTEN BY PSF (SMF6SBS=7)
    MULTI-BINS HEADER SECTION - WRITTEN BY PSF (SMF6SBS=7)
    MULTI-BINS COUNTER SECTION - WRITTEN BY PSF (SMF6SBS=7)
    FILE TRANSFER SECTION - WRITTEN BY IP PRINTWAY (SMF6SBS=9)
    SECOND EXTENSION - APA (ALL POINTS ADDRESSABLE) PRINTING
                      SUBSYSTEM SECTION
                      THIS SECTION WILL ONLY BE PRESENT WHEN
                      SMF6SBS IS SET TO 7 INDICATING THAT
                      PSF HAS GENERATED THIS RECORD
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Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
3692	(E6C)	BITSTRING	2	SMF6LN4	LENGTH SECOND EXTENSION INCLUDING THIS FLD
3694	(E6E)	BITSTRING	2	SMF6BNOF	OFFSET TO BIN SECTION
3694	(E6E)	BITSTRING	2	SMF6RES	RESERVED - REDEFINES SMF6BNOF
3696	(E70)	BITSTRING	4	SMF6FONT	NUMBER OF FONTS USED
3700	(E74)	BITSTRING	4	SMF6LFNT	NUMBER OF FONTS LOADED
3704	(E78)	BITSTRING	4	SMF6OVLY	NUMBER OF OVERLAYS USED
3708	(E7C)	BITSTRING	4	SMF6LOLY	NUMBER OF OVERLAYS LOADED
3712	(E80)	BITSTRING	4	SMF6PGSG	NUMBER OF PAGE SEGMENTS USED
3716	(E84)	BITSTRING	4	SMF6LPSG	NUMBER OF PAGE SEGMENTS LOADED
3720	(E88)	BITSTRING	4	SMF6IMPS	COUNT OF LOGICAL IMPRESSIONS PROCESSED
3724	(E8C)	BITSTRING	4	SMF6FEET	NUMBER OF FEET OF DOCUMENT PRINTED (ZERO FOR THE 3820)
3728	(E90)	BITSTRING	4	SMF6PGDF	NUMBER OF PAGEDEFS USED
3732	(E94)	BITSTRING	4	SMF6FMDF	NUMBER OF FORMDEFS USED
3736	(E98)	BITSTRING	1	SMF6BIN	FLAG BYTE
		1...		SMF6BIN1	"X'80'" BIN1 WAS USED FOR ANY PART OF THE DATA SET
		.1..		SMF6BIN2	"X'40'" BIN2 WAS USED FOR ANY PART OF THE DATA SET
		..1.		SMF6BIN3	"X'20'" BIN3 WAS USED FOR ANY PART OF THE DATA SET
		...1		SMF6BIN4	"X'10'" BIN4 WAS USED FOR ANY PART OF THE DATA SET
3737	(E99)	BITSTRING	1	SMF6PGOP	FLAG BYTE
		1...		SMF6DUPS	"X'80'" STNDARD DUPLEX WAS USED FOR ANY PART OF DS
		.1..		SMF6DUPT	"X'40'" TUMBLE DUPLEX WAS USED FOR ANY PART OF DS

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		SMF6SYSA	"X'20'" KEYWORD SYSAREA=Y
		...1		SMF6DPGL	"X'10'" KEYWORD DPAGELBL=Y
		.... 1...		SMF6SUCC	"X'08'" PRINT OPERATION WAS SUCCESSFUL
		.... .1..		SMF6SPGL	"X'04'" KEYWORD SPAGELBL=Y
		.... ..1.		SMF6SOER	"X'02'" ERROR OCCURRED PROCESSING SECURITY OVERLAY
		1		SMF6IGER	"X'01'" IMAGE GENERATOR OVERRUN ERROR OCCURRED
3738	(E9A)	BITSTRING	1	SMF6FLG3	FLAG BYTE
		1...		SMF6SLIG	"X'80'" SECURITY LABEL INTEGRITY GUARANTEED
		.1..		SMF6JHPP	"X'40'" THE JOB HEADER PAGE WAS PRINTED
		..1.		SMF6JTPP	"X'20'" THE JOB TRAILER PAGE WAS PRINTED
		...1		SMF6DPLS	"X'10'" DATA PAGE LABELING WAS SUPPRESSED
		.... 1...		SMF6UPAS	"X'08'" USER PRINTABLE AREA WAS SUPPRESSED
3739	(E9B)	BITSTRING	1	SMF6APAL	LEVEL INDICATOR FOR APA SECTION
		1		SMF6APA1	"X'01'" INITIAL LEVEL OF APA SECTION
3740	(E9C)	BITSTRING	4	SMF6NSOL	NUMBER OF SECURITY OVERLAYS USED
3744	(EA0)	BITSTRING	4	SMF6NSFO	NUMBER OF SECURITY FONTS USED
3748	(EA4)	BITSTRING	4	SMF6NSPS	NUMBER OF SECURITY PAGE SEGMENTS USED
3752	(EA8)	CHARACTER	8	SMF6FDNM	FORMDEF NAME
3760	(EB0)	CHARACTER	8	SMF6PDNM	PAGEDEF NAME
3768	(EB8)	CHARACTER	8	SMF6PTDV	PRINTDEV NAME
3776	(EC0)	CHARACTER	32	SMF6OCNM	OBJECT CONTAINER NAME(S)
3776	(EC0)	CHARACTER	8	SMF6SETU	COMSETUP OBJECT CONTAINER NAME
3784	(EC8)	CHARACTER	8		RESERVED OBJECT CONTAINER NAME
3792	(ED0)	CHARACTER	8		RESERVED OBJECT CONTAINER NAME
3800	(ED8)	CHARACTER	8		RESERVED OBJECT CONTAINER NAME
3808	(EE0)	BITSTRING	4	SMF6LPGE	Count of logical pages processed
3812	(EE4)	BITSTRING	1	SMF6SEND(0)	END OF SECOND EXTENSION
3812	(EE4)	BITSTRING	1	SMF6SSIZ(0)	SIZE OF SECOND EXTENSION
		MULTI-BINS HEADER SECTION (OFFSET DEFINED BY SMF6BNOF)			
3628	(E2C)	BITSTRING	2	SMF6BNLN	LENGTH BINS SECTION INCLUDING THIS FLD
3630	(E2E)	BITSTRING	2	SMF6BNUM	NUMBER OF COUNTERS ENTRIES
		MULTI-BINS COUNTER SECTION - FOLLOWS "MULTI-BIN" HEADER SECTION			
3628	(E2C)	BITSTRING	1	SMF6BNNO	BIN NUMBER
3629	(E2D)	BITSTRING	3	SMF6BNCT	BIN COUNTER
3632	(E30)	BITSTRING	2	SMF6BNLE	Paper length in millimeters
3634	(E32)	BITSTRING	2	SMF6BNWI	Paper width in millimeters

Table 149. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		FILE TRANSFER SECTION			
3692	(E6C)	BITSTRING	2	SMF6LN6	LENGTH OF FILE TRANSFER SECTION INCLUDING THIS FIELD
3694	(E6E)	BITSTRING	4	SMF6BYTE	TOTAL NUMBER OF BYTES SENT
3698	(E72)	BITSTRING	1	SMF6IP1	1ST SEGMENT OF TARGET ADDRESS
3699	(E73)	BITSTRING	1	SMF6IP2	2ND SEGMENT OF TARGET ADDRESS
3700	(E74)	BITSTRING	1	SMF6IP3	3RD SEGMENT OF TARGET ADDRESS
3701	(E75)	BITSTRING	1	SMF6IP4	4TH SEGMENT OF TARGET ADDRESS
3702	(E76)	BITSTRING	1	SMF6FTL	LEVEL INDICATOR FOR FILE TRANSFER SECTION
		1		SMF6FTL1	"X'01'" Z/OS V1R5
3703	(E77)	CHARACTER	9		RESERVED
3712	(E80)	BITSTRING	2	SMF6URIL	Length of Host URI
3714	(E82)	BITSTRING	2	SMF6PQLN	Length of Print Queue Name
3716	(E84)	CHARACTER	24	SMF6PRTQ	Print Queue Name
3740	(E9C)	CHARACTER	1	SMF6URI(0)	Target Device URI
3740	(E9C)	BITSTRING	1	SMF6TEND(0)	END OF FILE TRANSFER SECTION
3740	(E9C)	BITSTRING	1	SMF6TSIZ(0)	SIZE OF FILE TRANSFER SECTION
		THIS LINE DELETED BY APAR OZ84504			
3628	(E2C)	BITSTRING	116	WTR06BSP	ALLOCATE SPACE - SMF6 BASE
3744	(EA0)	BITSTRING	216	WTR06XSP	ALLOW SPACE FOR SMF6 EXTENTIONS 0371 0371 0371
3960	(F78)	BITSTRING	1	WTR06TOT(0)	REC.SIZE.
		THIS LINE DELETED BY APAR OY45626 DATA ADDRESSABLE VIA PRIOR ADDRESS CONSTANTS			
4096	(1000)	SIGNED	4	WTRSTRT2(0)	
		THE FOLLOWING WSP IS USED IN MODULE IATOSWP FOR IATXOSWS REQUESTS TO INSURE THE VALIDITY OF THE WRITER DRIVER WSP FOR NON CHANNEL ORIENTED OUTPUT DEVICES. (I.E. 3800) POINTED TO BY WTRWSPAA.			
4096	(1000)	SIGNED	4	(0)	Alignment for the WSP
4096	(1000)	BITSTRING	0	WTRPWSPA(0)	
4096	(1000)	BITSTRING	1	(0)	
4456	(1168)	BITSTRING	1	(0)	

Table 150. Structure IATODSN

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

Table 150. Structure IATODSN (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)	SIGNED	2		PAD
38	(26)	BITSTRING	1	WTROFLG1	FLAG BYTE 1
		DEFINITION OF WTROFLG1			
		1...		WTROOVER	"X'80'" OVERFLOW ON CHANNEL 12
		.1..		WTROINT	"X'40'" INTERPRET PUNCH OUTPUT
		..1.		WTROINTP	"X'20'" PUNCH HAS PRINT FEATURE
		...1		WTROINTM	"X'10'" MULTI-LINE PR OR EJECT REQ
		.... 1...		WTROASA	"X'08'" ASA CONTROL CHARACTERS
		.... .1..		WTROMCH	"X'04'" MACHINE CONTROL CHARS
		.... ..1.		WTROSPC2	"X'02'" FORCE DOUBLE SPACE
		1		WTROSPC1	"X'01'" FORCE SINGLE SPACE
39	(27)	BITSTRING	1	WTROFLG2	FLAG BYTE 2
		DEFINITION OF WTROFLG2			
		1...		WTROEJRQ	"X'80'" EJECT REQUIRED
		.1..		WTROEJDN	"X'40'" EJECT DONE
		..1.		WTROSREC	"X'20'" SHORT RECORD FLAG
		...1		WTROSPLT	"X'10'" SPLIT RECORD FLAG
		.... 1...		WTROTRNC	"X'08'" TRUNCATE CCW STRING
		.... .1..		WTRODVOP	"X'04'" OUTPUT DEVICE OPEN
		.... ..1.		WTROEXCP	"X'02'" EXCP LEVEL OUTPUT
		1		WTROERSE	"X'01'" ERROR ROUTINE SECOND ENTRY
		SNARJP FULLWORD VALUES			
40	(28)	SIGNED	4	WTRSXLAT	PRINT TRANS TBL ADDR
44	(2C)	SIGNED	4	WTROSERR	ADDR OF SNA ERR RTN
48	(30)	SIGNED	4	WTRSRETN	RETN ADDR FOR IATXOSP
52	(34)	SIGNED	4	WTROER14	RETN ADDR FOR OSSNERR
56	(38)	SIGNED	4	WTROEC14	RETN ADDR FOR OSSNEOCH
60	(3C)	SIGNED	4	WTRSREGS(16)	REG SAVE FOR IATXOSP
124	(7C)	SIGNED	4	WTROERSV(16)	REG SAVE FOR OSSNERR
188	(BC)	SIGNED	4	WTRSRTR1	HOLD/FREE BYTES
188	(BC)	X'BD'	0	WTRSMASK	"WTRSRTR1+1,1" HOLD BYTE
188	(BC)	X'BF'	0	WTRSCMPL	"WTRSRTR1+3,1" FREE BYTE
192	(C0)	SIGNED	4	WTROMLST(4)	DATA,COUNT LIST FOR IATXLRPT
208	(D0)	DBL WORD	8	WTROLCTB	CUR. COMPACTION TBL ON SESS.
		WORK AREA			
216	(D8)	DBL WORD	8	WTROWRK1	WORK AREA 1
224	(E0)	DBL WORD	8	WTROWRK2	WORK AREA 2

Table 150. Structure IATODSN (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
232	(E8)	DBL WORD	8	WTROWRK3	WORK AREA 3
		BYTE VALUES			
240	(F0)	BITSTRING	1	WTROEJCC	EJECT CC
241	(F1)	BITSTRING	1	WTROLCPY	COPIES IN LAST PDIR SENT
242	(F2)	BITSTRING	1	WTROLRCT	CURRENT REC CNT (CHNSIZE)
243	(F3)	BITSTRING	1	WTROPGCT	CURRENT PAGE CNT (CHAINSIZE)
244	(F4)	BITSTRING	1	WTROPTCC	TRANSLATED OR DEFAULT CARRIAGE CNTRL
245	(F5)	BITSTRING	1	WTROPCC1	CARRIAGE CNTRL TO PASS ON IATXLRPT
		FLAG VALUES			
246	(F6)	BITSTRING	1	WTROMCFL	INDICATOR FLG FOR IATXLRPT
		DEFINITION OF WTROMCFL			
		1...		WTROFMCC	"X'80'" IF ON CARRIAGE CTL IS ASA ELSE MACHINE
		.1..		WTROFMFC	"X'40'" THIS LRPUT IS FOR FCB
		..1.		WTROFMEC	"X'20'" SEND END OF CHAIN
		...1		WTROFMTN	"X'10'" USE TRN
		.... 1...		WTROLDEN	"X'08'" LINE DENSITY REQUEST (SNA)
247	(F7)	BITSTRING	1	WTROSNA1	OPEN FLAGS
		DEFINITION OF WTROSNA1			
		1...		WTROUX21	"X'80'" DS HEADER EXIT IN CTL
		.1..		WTROOPEN	"X'40'" OPEN NONE,REAL IS ACTIVE
		..1.		WTROMCRJ	"X'20'" MUL. COPY REJ ON CURRENT DS
		...1		WTROSEDS	"X'10'" EDS SENT,WSOPEN REQ'D
		.... 1...		WTROSUSP	"X'08'" WTR SESSION IS SUSPENDED WSOPEN REQ'D
		.... .1..		WTROUXIT	"X'04'" USR XIT IN CTL (FOR PUT)
		.... ..1.		WTROWOPN	"X'02'" WTR IS ACTIVE IN WSOPEN USED IN CASE INTV REQ'D IS RETURNED
		1		WTRORQOP	"X'01'" INTV. REQ'D RETURNED FROM WSOPEN,OR SESSION ERR: NEW WSOPEN REQ'D
248	(F8)	BITSTRING	1	WTROSNA2	IATXOSP FLAG
		DEFINITION OF WTROSNA2			
		1...		WTROEOCR	"X'80'" END OF CHAIN IS REQ'D
		.1..		WTRONXPG	"X'40'" NEW 'PAGE' DETECTED
		..1.		WTROREPO	"X'20'" SUSPENDED WTR REPOSITIONING
249	(F9)	BITSTRING	1	WTROSNA3	SNAERR FLAGS
		DEFINITION OF WTROSNA3			
		1...		WTROVOFF	"X'80'" DEV VARIED OFF,SEND MSG
		.1..		WTROAMSG	"X'40'" ERP MSG IS ACTION MSG
		..1.		WTROSESS	"X'20'" SESSION WAS LOST

Table 150. Structure IATODSN (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		...1		WTROINVR	"X'10'" INTERVENTION REQ'D DETECTED
252	(FC)	SIGNED	4	(0)	
252	(FC)	X'D6'	0	WTROODSN	"*-WTROFLG1" LENGTH OF AREA TO ZERO
252	(FC)	CHARACTER	1	WTROPDIR(0)	PDIR STORAGE AREA
349	(15D)	CHARACTER	1	WTROBLAN	BLANK CARD FOR PUNCH
350	(15E)	ADDRESS	1	WTROMSG1	
351	(15F)	CHARACTER	6		
357	(165)	CHARACTER	1	ERRID	
358	(166)	CHARACTER	5		
363	(16B)	CHARACTER	8	ERRJBN	
371	(173)	CHARACTER	2		
373	(175)	CHARACTER	8	ERRJBID	
381	(17D)	CHARACTER	9		
390	(186)	CHARACTER	8	ERRDD	
398	(18E)	CHARACTER	1		
399	(18F)	CHARACTER	71	ERRTYPE	START OF BUILD AREA
470	(1D6)	BITSTRING	1	OSSN26E(0)	
470	(1D6)	ADDRESS	1	WTROMSG2	
471	(1D7)	CHARACTER	15		
486	(1E6)	CHARACTER	8	MSG2DD	
494	(1EE)	CHARACTER	1		
495	(1EF)	CHARACTER	24		
519	(207)	BITSTRING	1	OSSN25E(0)	
520	(208)	SIGNED	4	WTRORSD5(5)	RESERVED FOR DEVELOPMENT
540	(21C)	SIGNED	4	WTRORSS5(5)	RESERVED FOR SERVICE
560	(230)	SIGNED	4	WTRORSU5(5)	RESERVED FOR USER
580	(244)	SIGNED	4	WTROPTCH(6)	PATCH AREA

Table 151. Cross Reference for IATYWTR3

Name	Offset	Hex Tag
ERRDD	186	40404040
ERRID	165	40
ERRJBID	175	40404040
ERRJBN	16B	40404040
ERRTYPE	18F	40404040
IATODSN	0	
IATXOSCI	4D8	
IATXOSCO	4C8	
IATXOSG	4D4	
IATXOSOI	4D0	
IATXOSOO	4C0	
IATXOSP	4C4	
MSG2DD	1E6	40404040
M00M0055	0	280
OSSN25E	207	

Table 151. Cross Reference for IATYWTR3 (continued)

Name	Offset	Hex Tag
OSSN26E	1D6	
SMFCBIE	E63	1
SMFJ6	E31	6
SMFRCD6	E2C	E2C
SMF6APAL	E9B	
SMF6APA1	E9B	1
SMF6BID	E8F	
SMF6BIN	E98	
SMF6BIN1	E98	80
SMF6BIN2	E98	40
SMF6BIN3	E98	20
SMF6BIN4	E98	10
SMF6BNCT	E2D	
SMF6BNLE	E30	
SMF6BNLN	E2C	
SMF6BNNO	E2C	
SMF6BNOF	E6E	
SMF6BNUM	E2E	
SMF6BNWI	E32	
SMF6BTS	E8F	80
SMF6BYTE	E6E	
SMF6CCE	E88	2
SMF6CHR	E76	
SMF6CPS	E6E	
SMF6CSP	E8F	20
SMF6DCI	E6E	
SMF6DCRV	E6E	80
SMF6DDNM	EA2	
SMF6DEND	F0E	
SMF6DFE	E88	
SMF6DIE	E63	4
SMF6DPGL	E99	10
SMF6DPLS	E9A	10
SMF6DSIZ	F0E	
SMF6DSNM	EC2	
SMF6DTE	E36	C
SMF6DUPS	E99	80
SMF6DUPT	E99	40
SMF6EEND	E7E	
SMF6EFMN	E72	
SMF6END	EA0	
SMF6END2	E8A	
SMF6ESIZ	E7E	
SMF6ESS1	E69	10
SMF6FCB	E7C	
SMF6FDNM	EA8	

Table 151. Cross Reference for IATYWTR3 (continued)

Name	Offset	Hex Tag
SMF6FEET	E8C	
SMF6FEND	E90	
SMF6FEXT	E69	80
SMF6FLC	E8E	
SMF6FLG	E30	0
SMF6FLG3	E9A	
SMF6FLI	E8A	
SMF6FMDF	E94	
SMF6FMN	E65	40404040
SMF6FONT	E70	
SMF6FSIZ	E90	
SMF6FTFR	E69	8
SMF6FTL	E76	
SMF6FTL1	E76	1
SMF6GRP	E8C	
SMF6IGER	E99	1
SMF6IMPS	E88	
SMF6IND	E72	
SMF6INDC	E6F	
SMF6INT	E6E	1
SMF6IOE	E63	0
SMF6IP1	E72	
SMF6IP2	E73	
SMF6IP3	E74	
SMF6IP4	E75	
SMF6JBID	E8A	
SMF6JBN	E3E	40404040
SMF6JDVT	E74	
SMF6JHPP	E9A	40
SMF6JNM	E70	
SMF6JTPP	E9A	20
SMF6J2L3	E6F	3
SMF6J2L4	E6F	4
SMF6J2S	E84	E88
SMF6J3L3	E6F	3
SMF6J3L4	E6F	4
SMF6J3S	E88	E88
SMF6LEN	E2C	
SMF6LEV2	E6F	1
SMF6LEV3	E6F	1
SMF6LEV4	E6F	5
SMF6LEV6	E6F	6
SMF6LEV7	E6F	7
SMF6LFNT	E74	
SMF6LN1	E6C	
SMF6LN2	E6C	

Table 151. Cross Reference for IATYWTR3 (continued)

Name	Offset	Hex Tag
SMF6LN3	E6C	
SMF6LN4	E6C	
SMF6LN5	E6C	
SMF6LN6	E6C	
SMF6LOLY	E7C	
SMF6LPGE	EE0	
SMF6LPSG	E84	
SMF6LSIZ	EA0	
SMF6MID	E86	
SMF6NDS	E64	0
SMF6NLR	E5F	0
SMF6NSFO	EA0	
SMF6NSOL	E9C	
SMF6NSPS	EA4	
SMF6OCN	E6E	20
SMF6OCNM	EC0	
SMF6OPJ	E8F	40
SMF6OPR	E8A	
SMF6OR	E6E	8
SMF6ORD	E6E	10
SMF6OSS	E6E	2
SMF6OTOK	EFA	
SMF6OUT	E74	
SMF6OVLY	E78	
SMF6OWC	E56	40
SMF6PAD1	E69	0
SMF6PDNM	EB0	
SMF6PGDF	E90	
SMF6PGE	E84	
SMF6PGOP	E99	
SMF6PGSG	E80	
SMF6PQLN	E82	
SMF6PRMD	EBA	
SMF6PRNM	E9A	
SMF6PRTQ	E84	
SMF6PTDV	EB8	
SMF6RBE	E88	1
SMF6REND	E7A	
SMF6RES	E6E	
SMF6REXT	E69	40
SMF6ROR	E6E	4
SMF6ROUT	E6E	
SMF6RSD	E4A	C
SMF6RSIZ	E7A	
SMF6RST	E46	0
SMF6RSV	E73	

Table 151. Cross Reference for IATYWTR3 (continued)

Name	Offset	Hex Tag
SMF6RSVJ	E94	
SMF6RSVU	E9C	
SMF6RTE	E88	
SMF6RTY	E31	0
SMF6SBS	E6A	
SMF6SDS	E6E	40
SMF6SECS	EB2	
SMF6SEG	E2E	
SMF6SEND	EE4	
SMF6SETU	EC0	
SMF6SEXT	E69	20
SMF6SGID	E6E	
SMF6SID	E3A	40404040
SMF6SIZ	EA0	
SMF6SIZ2	E8A	
SMF6SIZ3	E8A	
SMF6SJF	E72	80
SMF6SLIG	E9A	80
SMF6SOER	E99	2
SMF6SPGL	E99	4
SMF6SSIZ	EE4	
SMF6STNM	E92	
SMF6SUCC	E99	8
SMF6SYSA	E99	20
SMF6TEND	E9C	
SMF6TME	E32	0
SMF6TSIZ	E9C	
SMF6TU	E7E	
SMF6TUL	E7C	
SMF6UCS	E80	
SMF6UIF	E4E	40404040
SMF6UPAS	E9A	8
SMF6URI	E9C	
SMF6URIL	E80	
SMF6USID	EAA	
SMF6WSD	E5B	C
SMF6WST	E57	0
WSPACONS	844	0
WSPAECF	6EC	
WSPARQ	8A8	
WSPASUP	8A4	
WSPBCMPL	7CE	8
WSPBDTRQ	70A	40
WSPBHLDC	745	10
WSPBHOLD	7CD	40
WSPBLBDT	745	40

Table 151. Cross Reference for IATYWTR3 (continued)

Name	Offset	Hex Tag
WSPBLTCP	745	80
WSPBOTH	89C	10
WSPBUFNC	73C	0
WSPBUFN4	7AC	0
WSPCARR	8F4	14
WSPCCNTL	740	40
WSPCDE	7DC	0
WSPCDEST	72F	80
WSPCHAIN	6E8	
WSPCHNGE	6F3	4
WSPCKJBC	72A	0
WSPCKJBI	7A4	
WSPCKPRQ	6F3	1
WSPCKPT	6F3	80
WSPCLAS	8F4	20
WSPCLNUP	72F	10
WSPCLSN	90F	0
WSPCLSRT	7D0	18
WSPCLSS	910	40404040
WSPCMPL	6F3	40
WSPCPMOD	8F4	28
WSPCRJOB	824	
WSPCSBT	7CE	40
WSPCTRL1	7CD	10
WSPCTRL2	7CD	8
WSPCVER	82B	1
WSPDEL	6F2	10
WSPDEST	8F4	8
WSPDFDST	72E	20
WSPDFLNE	90A	40
WSPDM206	90B	80
WSPDSHLD	7CE	20
WSPDSPTY	90A	80
WSPDSRST	7CE	10
WSPDSTSK	7CF	20
WSPDUMPT	90E	80
WSPEND	934	
WSPENF58	72E	4
WSPERCVL	7C8	16
WSPERCVW	7C8	7B4
WSPEXTS	89C	80
WSPFAILD	6F3	2
WSPFCBID	818	40404040
WSPFDB	8AC	0
WSPFDBS	8AC	
WSPFDBSV	70C	

Table 151. Cross Reference for IATYWTR3 (continued)

Name	Offset	Hex Tag
WSPFDBT	6F4	0
WSPFDBTB	7B0	0
WSPFFDBV	741	0
WSPFIRRQ	6F2	10
WSPFLAG	6F2	0
WSPFLASH	8F4	24
WSPFLGS	89C	0
WSPFLG1	6F3	0
WSPFLG10	90E	0
WSPFLG11	745	0
WSPFLG2	90A	0
WSPFLG3	90B	0
WSPFLG4	7CD	0
WSPFLG5	7CE	0
WSPFLG6	7CF	0
WSPFLG7	72F	0
WSPFLG8	70A	0
WSPFLG9	72E	0
WSPFL708	72F	8
WSPFORM	8F4	10
WSPFRSDD	90C	0
WSPF1101	745	1
WSPF1102	745	2
WSPF1104	745	4
WSPF1108	745	8
WSPGET	6F2	2
WSPGETRL	90A	8
WSPGJNAM	90E	20
WSPGLOB1	7CF	2
WSPGTMND	7CF	80
WSPHWCNT	6F1	0
WSPHWLK	90B	4
WSPHWWQP	70A	2
WSPHWWSP	8C8	
WSPIBDCI	82A	1
WSPID	798	40404040
WSPIDENT	82A	
WSPIDJOT	82A	2
WSPIDMJA	82A	3
WSPIGR70	82A	17
WSPIIQOS	82A	4
WSPIMOCP	82A	5
WSPIMOOS	82A	6
WSPINTCP	745	20
WSPINTNR	82A	7
WSPINTRS	82A	8

Table 151. Cross Reference for IATYWTR3 (continued)

Name	Offset	Hex Tag
WSPIOSB1	82A	9
WSPIOSB2	82A	A
WSPIOSB3	82A	B
WSPIOSD1	82A	C
WSPIOSD2	82A	D
WSPIOSF1	82A	E
WSPIOSF2	82A	F
WSPIOSR2	82A	18
WSPIOSSD	82A	10
WSPIOSSO	82A	11
WSPIOSTC	82A	16
WSPIOSW1	82A	12
WSPIOSW2	82A	13
WSPIP	89C	20
WSPIPURG	82A	14
WSPISIOP	82A	15
WSPJBFND	70A	4
WSPJDS	704	0
WSPJOBCM	7D0	C
WSPJOBID	6EA	6EA
WSPJOBRP	72F	4
WSPLEN	702	
WSPLINE	8F4	1C
WSPLTOS	7CD	4
WSPLTSNO	7CE	2
WSPLTTCP	72F	2
WSPLTTNO	72F	1
WSPMASK	6F0	0
WSPMLREQ	7CE	4
WSPNDOPT	72E	8
WSPNJE	7CF	4
WSPNJERC	8C4	
WSPNJERD	70A	10
WSPNJERT	70A	20
WSPNOSAF	7CF	40
WSPNULL	8F4	0
WSPOCHN	87C	0
WSPOCNT4	888	0
WSPOFFST	73E	0
WSPOFST	908	0
WSPOKRET	6F2	8
WSPOSA	7D8	0
WSPOSE	8BC	
WSPOSEB4	8B8	0
WSPOSEID	7C4	D6E2C540
WSPOSELK	6F2	80

Table 151. Cross Reference for IATYWTR3 (continued)

Name	Offset	Hex Tag
WSPOSEOF	7C8	0
WSPOSERD	7D0	0
WSPOSERL	7D0	4
WSPOSEWR	7D0	8
WSPOSPC	70B	0
WSPOSPND	90B	2
WSPOSS	8C0	
WSPOSSWB	894	0
WSPOSTJC	6F4	
WSPOSTJI	7A8	
WSPOUTBN	8C8	0
WSPPAGE	8A0	0
WSPPBSKP	72F	20
WSPPECF	7D1	0
WSPPEND	6F3	8
WSPPENSA	7E0	0
WSPPGREL	90A	1
WSPPMODE	8F4	30
WSPPOSTD	6F3	20
WSPPRTY	8F4	4
WSPPSCPT	738	0
WSPPSDRT	82C	
WSPPSOSC	7CF	10
WSPPSOTM	81C	0
WSPPTYPF	90A	20
WSPPTYSV	906	0
WSPPUT	6F2	4
WSPQCHG	72E	40
WSPRCAWR	70B	7
WSPRCCL	70B	0
WSPRCDAC	70B	4
WSPRCDAT	70B	8
WSPRCDMP	70B	FF
WSPRCERR	7CD	80
WSPRCINV	70B	6
WSPRCJOB	70B	1
WSPRCOUT	70B	5
WSPRCPSO	70B	2
WSPRCRQ	70B	3
WSPRECRD	6E8	6E8
WSPREL	6F2	8
WSPRESQ	7D4	
WSPRQACC	70A	80
WSPRQADR	840	
WSPRQCMP	6F2	1
WSPRQFDB	7B4	0

Table 151. Cross Reference for IATYWTR3 (continued)

Name	Offset	Hex Tag
WSPRQINV	7CD	1
WSPRQPRM	70A	8
WSPRQRQD	90A	10
WSPRQWS	90B	8
WSPRSTD	90A	2
WSPRSTG	90A	4
WSPRSVDV	746	
WSPRSVD2	8CC	
WSPRSVD7	89D	0
WSPRSVD8	838	0
WSPRSVD9	828	
WSPRSVFX	907	0
WSPRSVS3	850	0
WSPRSVS4	7CA	0
WSPRSVS5	71C	0
WSPRSVS6	700	0
WSPRSVU1	848	0
WSPRSVU2	868	0
WSPRSV01	72C	
WSPRTNIN	7D0	0
WSPRTN20	7D0	14
WSPSADUM	7CE	1
WSPSAFFL	6F3	1
WSPSAPEN	7CE	80
WSPSAPRO	7CD	20
WSPSAVE	734	0
WSPSAVEA	7F0	0
WSPSAVE2	7E8	0
WSPSAVE3	7EC	0
WSPSAVE4	830	
WSPSCHED	6F2	1
WSPSDWAD	834	0
WSPSECPT	730	0
WSPSELC	904	10
WSPSELD	8D4	0
WSPSELM	8F4	0
WSPSELMX	8F4	30
WSPSELT	8E4	0
WSPSIZE	934	
WSPSKJOB	7CF	8
WSPSOTBN	89C	40
WSPSRCHP	72E	10
WSPSSCWA	718	
WSPSSREQ	6F2	40
WSPSTA	7E4	0
WSPSTACK	8F4	2C

Table 151. Cross Reference for IATYWTR3 (continued)

Name	Offset	Hex Tag
WSPSTART	6E8	
WSPSTRTD	6F3	10
WSPSWBID	89A	
WSPSWTR	90B	10
WSPSYSRQ	6F2	20
WSPTEEND	850	850
WSPTEEND_V0	848	850
WSPTEJBC	6E8	0
WSPTEJBI	7A0	
WSPTESIZ	850	168
WSPTESIZ_V0	848	168
WSPTESSO	850	
WSPTESSO_V0	850	
WSPTEUID	6EA	
WSPTOKEN	748	
WSPTPID	88C	40404040
WSPTSO	6F3	8
WSPTYPE	8F4	C
WSPUCS	8F4	18
WSPUCSID	814	40404040
WSPUNSCH	72F	40
WSPURSTA	7CD	2
WSPUSRID	7CF	1
WSPVER	82B	
WSPVER01	82B	1
WSPWOSP	90B	20
WSPWOSW	90B	40
WSPWSTME	860	0
WSPWTRSC	7D0	10
WSPWTSCH	90B	1
WSPXJMR	72E	80
WSPYOSPC	79C	
WSP10R01	90E	1
WSP10R02	90E	2
WSP10R04	90E	4
WSP10R08	90E	8
WSP10R10	90E	10
WSP206IS	90E	40
WSP4BOSD	72E	1
WSP4BOSE	72E	2
WSP8RSV3	70A	1
WTRCIMPL	F0	40404040
WTRCRDS	4B8	0
WTRDAREA	4E0	
WTRDATE	478	0
WTRDCCDB	2C	

Table 151. Cross Reference for IATYWTR3 (continued)

Name	Offset	Hex Tag
WTRDCDEP	4DC	
WTRDCFLG	EA	0
WTRDCLR	4CC	
WTRDCMDQ	628	80
WTRDCRVS	EA	80
WTRDCTAD	538	
WTRDCTPG	620	0
WTRDCUPG	61C	0
WTRDDCDB	8C	
WTRDDIAG	51C	
WTRDDSER	520	
WTRDDSN	5C4	40404040
WTRDDSNF	105	
WTRDDSNL	104	
WTRDECFE	A80	FFFFFFFF
WTRDECFL	A70	0
WTRDECF1	A70	0
WTRDECF2	A78	0
WTRDFAIL	4A4	
WTRDFDJN	528	
WTRDFLGI	49B	0
WTRDFLGO	45C	0
WTRDFSA	54E	0
WTRDFSID	54C	
WTRDFSS	54C	0
WTRDIARE	4F0	
WTRDICDE	4EC	
WTRDIDDN	488	40404040
WTRDIDEV	498	404040
WTRDIMOD	497	0
WTRDINAM	4F4	40404040
WTRDINTS	4B0	
WTRDINTV	EC	40
WTRDINVO	102	80
WTRDISTY	493	40404040
WTRDITYP	490	404040
WTRDJDST	62F	40
WTRDJFLG	62F	70
WTRDJFLS	62F	20
WTRDJFRM	62F	10
WTRDJID	5E4	40404040
WTRDJNAM	5DC	40404040
WTRDLDCM	102	20
WTRDLDST	102	10
WTRDLFCB	102	1
WTRDLFLS	102	8

Table 151. Cross Reference for IATYWTR3 (continued)

Name	Offset	Hex Tag
WTRDLFRM	102	4
WTRDLGCR	540	
WTRDLMRC	102	80
WTRDLMSG	102	40
WTRDLOCN	631	10
WTRDLUCS	102	2
WTRDMDDS	514	
WTRDMDD2	518	
WTRDMGAC	534	1
WTRDMGNA	534	0
WTRDMPRQ	680	B
WTRDMSAV	629	0
WTRDMSG	230	
WTRDMSGF	EC	0
WTRDMSGI	2C4	0
WTRDMSGO	3B0	40404040
WTRDMSGP	EC	80
WTRDMSGR	534	
WTRDMSK1	A77	0
WTRDMSK2	A7F	0
WTRDM731	ED	0
WTRDNAME	508	
WTRDODDN	428	40404040
WTRDODEV	438	40404040
WTRDODV3	438	439
WTRDOFLG	628	1
WTRDOMOD	437	0
WTRDONAM	4E4	40404040
WTRDOSTY	433	40404040
WTRDOTOK	18F	F0404040
WTRDOTYP	430	404040
WTRDPFLG	102	0
WTRDPGCT	4BC	0
WTRDPPSR	530	
WTRDPSTF	628	0
WTRDQMSG	504	
WTRDQRTN	0	4
WTRDRCDS	4B4	0
WTRDRCER	628	4
WTRDRFOR	500	
WTRDRLJN	52C	
WTRDRRTN	0	8
WTRDRSQ	5EC	
WTRDRSVD	E1C	0
WTRDRSV1	664	0
WTRDRSV2	66C	0

Table 151. Cross Reference for IATYWTR3 (continued)

Name	Offset	Hex Tag
WTRDRSV3	680	0
WTRDRSV5	4AC	0
WTRDRTOK	1DF	F0404040
WTRDSADD	628	8
WTRDSECA	24	
WTRDSECT	0	
WTRDSNAM	524	
WTRDSPRT	628	40
WTRDSTQ1	680	14
WTRDSTQ2	680	15
WTRDSTQ3	680	16
WTRDSTQ4	680	17
WTRDSTUP	50C	
WTRDSUPI	4A8	
WTRDSUPO	484	
WTRDTMEX	EC	20
WTRDTMOT	628	2
WTRDTYPE	430	
WTRDUDST	62F	4
WTRDUFLG	62F	7
WTRDUFLS	62F	2
WTRDUFRM	62F	1
WTRDWAIT	510	
WTRDWSTM	634	0
WTRDXCDB	280	
WTRDXCDB_KEYUSED_CMDIND	2A7	80
WTRDXCDB_XABEND	289	
WTRDXCDB_XABEND_NO	289	40
WTRDXCDB_XABEND_YES	289	80
WTRDXCDB_XCART	2AC	
WTRDXCDB_XCMDIND_NO	2A6	40
WTRDXCDB_XCMDIND_YES	2A6	80
WTRDXCDB_XCNDB	28C	
WTRDXCDB_XCONSID	29C	
WTRDXCDB_XCONSNM	298	
WTRDXCDB_XEYECATCH	281	
WTRDXCDB_XFLAG1	287	
WTRDXCDB_XFLAG2	2A6	
WTRDXCDB_XINCNDB	294	
WTRDXCDB_XKEYS	2A7	
WTRDXCDB_XOPERATION_EXTRACTCART	0	10
WTRDXCDB_XOPERATION_EXTRACTCONSID	287	100
WTRDXCDB_XOPERATION_EXTRACTCONSNAME	287	80
WTRDXCDB_XOPERATION_EXTRACTCONSTYPE	0	40
WTRDXCDB_XOPERATION_EXTRACTROUT	0	20
WTRDXCDB_XOPERATION_INITIALIZE	287	8000

Table 151. Cross Reference for IATYWTR3 (continued)

Name	Offset	Hex Tag
WTRDXCDB_XOPERATION_RESET	287	1000
WTRDXCDB_XOPERATION_TRANSCONSID	287	400
WTRDXCDB_XOPERATION_TRANSFER	287	4000
WTRDXCDB_XOPERATION_TRANSROUT	287	200
WTRDXCDB_XOPERATION_UPDATE	287	2000
WTRDXCDB_XOPERATION_VERIFY	287	800
WTRDXCDB_XOUTCART	2BC	
WTRDXCDB_XOUTCNDB	290	
WTRDXCDB_XOUTCONSID	2A0	
WTRDXCDB_XOUTCONSNAME	2B0	
WTRDXCDB_XOUTCONSTYPE	2B4	
WTRDXCDB_XOUTROUT	2B8	
WTRDXCDB_XROUT	2A8	
WTRDXCDB_XRSV001	28B	
WTRDXCDB_XRSV002	2A4	
WTRDXCDB_XUSERADDR	28A	
WTRDXCDB_XVERSION	280	
WTRDXCDBL	2BC	40
WTRDYNAM	5F0	C4E8D5C1
WTRENFDS	49B	40
WTRENTNM	131	
WTRFBUSY	D8B	20
WTRFCKAL	631	20
WTRFCLPI	631	4
WTRFCLR	5C3	4
WTRFCPER	4CC	4CC
WTRFCPIP	631	2
WTRFDCPI	5C3	80
WTRFDOSU	5C3	1
WTRFDRET	5C2	8
WTRFDSAD	5F8	
WTRFDSUP	5C2	4
WTRFDUMP	5C1	2
WTRFDVRS	5C2	1
WTRFENQ	184	
WTRFENQW	680	1B
WTRFFAIL	5C3	2
WTRFFIT	631	80
WTRFFLGA	633	0
WTRFFLG1	5C0	0
WTRFFLG2	5C1	0
WTRFFLG3	5C2	0
WTRFFLG4	5C3	0
WTRFFLG5	62E	0
WTRFFLG6	62F	0
WTRFFLG7	630	0

Table 151. Cross Reference for IATYWTR3 (continued)

Name	Offset	Hex Tag
WTRFFLG8	631	0
WTRFFLG9	632	0
WTRFFRIP	62E	10
WTRFFSA	5C0	20
WTRFFSAA	5C0	8
WTRFFSRC	5C1	20
WTRFFSS	5C0	40
WTRFFSSA	5C0	10
WTRFGDEP	4EC	
WTRFGDRN	574	0
WTRFGDSF	680	E
WTRFGRCM	630	40
WTRFGTRL	5C2	80
WTRFINEP	4E4	
WTRFINZ0	631	40
WTRFISET	5C1	40
WTRFIWTO	631	8
WTRFJMRA	660	0
WTRFJNDS	5C3	10
WTRFJNNX	5C3	8
WTRFJNWS	9EC	
WTRFJOSL	62E	8
WTRFJTRL	5C3	20
WTRFMANU	630	80
WTRFMFSS	5C0	80
WTRFMID	558	40404040
WTRFMPAD	568	
WTRFMPDL	5C1	80
WTRFMPER	5C0	2
WTRFNCKP	5C0	1
WTRFNDMP	632	4
WTRFNEWS	633	40
WTRFOSDP	631	1
WTRFPDQC	604	
WTRFPDQF	5FC	
WTRFPDQL	600	
WTRFPDQS	60C	
WTRFPORQ	5C1	4
WTRFPRIM	630	10
WTRFPURC	954	0
WTRFQREQ	62E	2
WTRFQUET	632	40
WTRFRCFM	575	0
WTRFRCUR	5C1	1
WTRFRDEP	4F0	
WTRFRECL	576	0

Table 151. Cross Reference for IATYWTR3 (continued)

Name	Offset	Hex Tag
WTRFRESP	5C0	4
WTRFRLTM	633	20
WTRFRSCD	5C3	40
WTRFRSTR	62E	80
WTRFRSVD	590	
WTRFRSVS	59C	
WTRFRSVU	5AC	
WTRFRSVX	608	
WTRFRSV1	4DC	
WTRFRTMI	633	10
WTRFRVA3	633	8
WTRFRVA4	633	4
WTRFRVA5	633	2
WTRFRVA6	633	1
WTRFSAAC	680	1
WTRFSAAD	564	
WTRFSABN	630	4
WTRFSAFL	53C	
WTRFSARS	5C2	2
WTRFSASA	680	5
WTRFSATM	630	8
WTRFSDDN	62E	1
WTRFSEET	632	80
WTRFSETE	4E0	
WTRFSMSG	5C2	10
WTRFSNUM	680	13
WTRFSRS	62E	4
WTRFSSAD	560	
WTRFSSNM	550	40404040
WTRFSSSA	680	4
WTRFSTAR	56C	0
WTRFSTAT	EC	1
WTRFSTRS	62E	40
WTRFSVAL	5C2	20
WTRFSV10	570	0
WTRFSWRK	58C	
WTRFSYET	632	20
WTRFSYWM	588	
WTRFSYWT	62E	20
WTRFTEEP	4F4	
WTRFTREQ	5C2	40
WTRFUIR	5C1	10
WTRFUX45	63C	0
WTRFVOFF	630	20
WTRFWOSU	62B	0
WTRFWUAL	632	1

Table 151. Cross Reference for IATYWTR3 (continued)

Name	Offset	Hex Tag
WTRF0FDB	633	80
WTRF3MSG	598	
WTRGDPDQ	680	1E
WTRGDSST	680	12
WTRIA	D7A	80
WTRIADR1	A50	0
WTRIADR2	A58	0
WTRIBEQ	D7C	80
WTRIC	D7A	40
WTRICALL	D82	10
WTRICBEQ	D7C	40
WTRICCWB	D88	10
WTRICEQ	D80	8
WTRICFLC	D4C	
WTRICHEQ	D7C	20
WTRICHNG	D86	8
WTRICKEQ	D7E	1
WTRICKIV	9E8	0
WTRICKPG	630	2
WTRICKPT	A28	0
WTRICKSC	630	1
WTRICLSP	D56	40404040
WTRICMEQ	D7C	10
WTRICNCL	D82	20
WTRICNTP	D55	
WTRICNTR	D4A	
WTRICOPY	D3F	
WTRICPEQ	D7C	8
WTRICPMI	D86	1
WTRICPPL	D86	2
WTRICPYC	D4B	
WTRICPYE	D42	0
WTRICPYN	D4A	
WTRICPYS	D40	
WTRICPYT	AAA	0
WTRICTEQ	D7C	4
WTRICTKN	96C	0
WTRICURR	624	0
WTRID	D7A	20
WTRIDBPM	A4C	
WTRIDEQ	D7C	2
WTRIDL	D8A	18
WTRIDLE	D86	10
WTRIDLES	188	0
WTRIDOFD	CF6	
WTRIDS	D87	20

Table 151. Cross Reference for IATYWTR3 (continued)

Name	Offset	Hex Tag
WTRIDSBG	D85	80
WTRIDSC	D8A	2C
WTRIDSD	D8A	28
WTRIDSDN	D85	40
WTRIDSLD	D85	10
WTRIDSO	D8A	10
WTRIDSOP	D87	4
WTRIDSR	D8A	14
WTRIDSS	D82	2
WTRIEND	D86	80
WTRIEP	D8A	1C
WTRIERIN	D84	4
WTRIFDBI	934	0
WTRIFDBS	D18	0
WTRIFEQ	D7C	1
WTRIFFDB	D18	
WTRIFLCN	D41	
WTRIFLEQ	D7D	80
WTRIFLG1	D83	0
WTRIFLG2	D84	0
WTRIFLG3	D85	0
WTRIFLG4	D86	0
WTRIFLG5	D87	0
WTRIFLG6	D88	0
WTRIFLG7	D8B	0
WTRIFLG8	D89	0
WTRIG	D7A	10
WTRIGNO	D8A	30
WTRIHEQ	D7D	40
WTRIHLD	D7B	8
WTRIHOT	D86	40
WTRIHRSN	CF3	0
WTRIHTYP	CF2	0
WTRIINL	D88	2
WTRIJ	D7A	8
WTRIJDSH	D88	80
WTRIJDSP	A44	
WTRIJEQ	D7D	20
WTRIJMRD	D94	
WTRIJMRQ	D98	
WTRIJOB	D87	40
WTRIJOBS	D82	4
WTRIJS	D8A	0
WTRIKDSI	D88	40
WTRIKPJS	D85	1
WTRIL	D7A	4

Table 151. Cross Reference for IATYWTR3 (continued)

Name	Offset	Hex Tag
WTRILEN1	A4C	0
WTRILEN2	A54	0
WTRILEQ	D7D	10
WTRILNCT	A68	0
WTRILPOS	AAC	0
WTRIM	D7A	2
WTRIMANM	D87	10
WTRIMFLA	D7A	
WTRIMFLB	D7C	
WTRIMFLP	D82	0
WTRIMFLS	D7A	
WTRIMFL1	D7A	0
WTRIMFL2	D7B	0
WTRIMFL3	D7C	0
WTRIMFL4	D7D	0
WTRIMFL5	D7E	0
WTRIMFL6	D7F	0
WTRIMFL7	D80	0
WTRIMFL8	D81	0
WTRIMNT	D82	1
WTRIMPM1	D7A	5D
WTRIMPM2	D7B	7F
WTRIMPM3	D7C	FF
WTRIMPM4	D7D	FF
WTRIMPM5	D7E	FB
WTRIMPM6	D7F	FF
WTRIMPM7	D80	FF
WTRIMPM8	D81	FF
WTRIM201	D7B	1
WTRIM202	D7B	2
WTRIM701	D80	1
WTRIM702	D80	2
WTRIM704	D80	4
WTRIN	D7A	1
WTRINAV	D3E	40
WTRINDSR	D86	4
WTRINDX	D8A	0
WTRINEGV	D84	2
WTRINLCN	AA6	0
WTRINNPR	D84	20
WTRINON	962	0
WTRINONE	D87	8
WTRINOTS	A24	
WTRINOT1	9F4	0
WTRINOT2	A0C	0
WTRINPRO	9E4	0

Table 151. Cross Reference for IATYWTR3 (continued)

Name	Offset	Hex Tag
WTRINTCN	AA8	0
WTRINVEQ	D7D	8
WTRIOPNS	D89	80
WTRIOS	D84	80
WTRIOSE	AB0	
WTRIOSEN	D89	40
WTRIOSL	D88	4
WTRIOSSZ	C10	240
WTRIOTEQ	D7D	4
WTRIP	D7B	80
WTRIPAGE	D85	20
WTRIPAGF	D88	8
WTRIPAGS	A60	0
WTRIPARM	A48	0
WTRIPFOK	D84	1
WTRIPFOR	9F0	0
WTRIPGEQ	D7E	2
WTRIPMEQ	D7E	8
WTRIPO	D8A	24
WTRIPOFF	960	0
WTRIPRAG	D88	20
WTRIPT	D8A	20
WTRIPTK1	954	0
WTRIPTK2	95A	0
WTRIPTRA	954	0
WTRIR	D7B	40
WTRIRCD	D7B	4
WTRIRCDS	A5C	0
WTRIRCUR	EC	10
WTRIREOF	D84	10
WTRIREPO	DB4	0
WTRIREQ	D7D	2
WTRIREST	CF0	0
WTRIRJPE	D85	2
WTRIRM	D8A	C
WTRIROEQ	D7E	4
WTRIRPOS	A64	0
WTRIRQAD	A40	
WTRIRSCD	D85	4
WTRIRSCH	D86	20
WTRIRSFL	D8C	0
WTRIRSTR	D82	40
WTRIRSTX	9BC	40404040
WTRIRSVD	9EA	0
WTRIRSV1	9D4	0
WTRIRSV2	D9C	0

Table 151. Cross Reference for IATYWTR3 (continued)

Name	Offset	Hex Tag
WTRIRSV4	DB8	0
WTRIS	D7B	20
WTRISELP	D4D	0
WTRISET	CF1	0
WTRISLEN	A6C	0
WTRISMFL	D8B	40
WTRISMFT	D8B	80
WTRISREQ	D87	80
WTRISTAR	628	10
WTRISTEQ	D7D	1
WTRISTER	D84	8
WTRISTRT	D82	80
WTRISTUP	D84	40
WTRISU	D8A	4
WTRISYND	D82	8
WTRISYS	6E8	
WTRISYSE	DC0	
WTRISZEQ	D7E	80
WTRIT	D7B	10
WTRITLC	D8A	34
WTRITRNC	D85	8
WTRIUEQ	D7E	10
WTRIVLOR	D87	1
WTRIVO	D8A	8
WTRIWCEQ	D7E	40
WTRIWFIT	680	F
WTRIWMSG	D87	2
WTRIWORK	D34	40404040
WTRIWRK	D18	D18
WTRIWRKM	D18	D18
WTRIWSC	D7F	8
WTRIWSCL	D7F	1
WTRIWSCM	D80	40
WTRIWSD	D7F	40
WTRIWSEQ	D7E	20
WTRIWSF	D7F	10
WTRIWSFL	D80	80
WTRIWSL	D7F	2
WTRIWSP	D7F	80
WTRIWSPM	D80	10
WTRIWSST	D80	20
WTRIWST	D7F	20
WTRIWSU	D7F	4
WTRIZLEN	DC0	
WTRI7030	628	20
WTRI7072	D88	1

Table 151. Cross Reference for IATYWTR3 (continued)

Name	Offset	Hex Tag
WTRJPDV	EC	4
WTRJTRNX	632	8
WTRLNTRN	EC	2
WTRLOGID	DAC	40404040
WTRLOGNM	DA4	40404040
WTRMPEPT	4FC	
WTRNOACT	632	10
WTRNOSPN	62A	0
WTRNSTAR	680	1C
WTRNZIOR	680	10
WTROAMSG	F9	40
WTROASA	26	8
WTROBLAN	15D	40
WTROCDEP	548	
WTROCHK	450	
WTROCHOR	EC	8
WTROCLOS	45C	40
WTROCONS	45C	8
WTROCOPY	450	0
WTRODS	45C	4
WTRODVOP	27	4
WTROEC14	38	0
WTROEJCC	F0	0
WTROEJDN	27	40
WTROEJRQ	27	80
WTROEOCR	F8	80
WTROERSE	27	1
WTROERSV	7C	0
WTROER14	34	0
WTROEXCP	27	2
WTROFLG1	26	0
WTROFLG2	27	0
WTROFMCC	F6	80
WTROFMEC	F6	20
WTROFMFC	F6	40
WTROFMTN	F6	10
WTROINT	26	40
WTROINTM	26	10
WTROINTP	26	20
WTROINVR	F9	10
WTROLBL	45C	10
WTROLCPY	F1	0
WTROLCTB	D0	0
WTROLDEN	F6	8
WTROLGSL	166	
WTROLGST	167	

Table 151. Cross Reference for IATYWTR3 (continued)

Name	Offset	Hex Tag
WTROLIST	45C	1
WTROLRCL	626	0
WTROLRCT	F2	0
WTROMCFL	F6	0
WTROMCH	26	4
WTROMCRJ	F7	20
WTROMLST	C0	0
WTROMSG1	15E	
WTROMSG2	1D6	
WTRONNP	45C	1
WTRONXPG	F8	40
WTROODSN	FC	D6
WTROOPEN	F7	40
WTROOVER	26	80
WTROPAGE	458	0
WTROPCC1	F5	0
WTROPDIR	FC	40404040
WTROPGCT	F3	0
WTROPPQF	610	
WTROPPQL	618	
WTROPPQN	614	
WTROPTCC	F4	0
WTROPTCH	244	0
WTROREAL	45C	20
WTROREC	454	0
WTROREG	45C	2
WTROREPO	F8	20
WTRORJCT	45C	80
WTRORQOP	F7	1
WTRORSD5	208	0
WTRORSS5	21C	0
WTRORSU5	230	0
WTROSEAR	9D0	
WTROSEDS	F7	10
WTROSERR	2C	0
WTROSESS	F9	20
WTROSNA1	F7	0
WTROSNA2	F8	0
WTROSNA3	F9	0
WTROSPC1	26	1
WTROSPC2	26	2
WTROSPLT	27	10
WTROSREC	27	20
WTROSUSP	F7	8
WTROTRNC	27	8
WTROTRUN	45C	20

Table 151. Cross Reference for IATYWTR3 (continued)

Name	Offset	Hex Tag
WTROUXIT	F7	4
WTROUX21	F7	80
WTROVOFF	F9	80
WTROVOL	45C	8
WTROVSTP	680	1D
WTROWOPN	F7	2
WTROWRK1	D8	0
WTROWRK2	E0	0
WTROWRK3	E8	0
WTROWTRX	544	
WTRPDIRN	6B6	8
WTRPDQER	680	2
WTRPRD14	A74	0
WTRPREG2	A90	
WTRPRL14	A7C	0
WTRPSAV1	A94	
WTRPSAV2	A98	
WTRPSAV3	A9C	
WTRPSAV4	AA0	
WTRPSM14	A70	0
WTRPSSCA	180	
WTRPSV14	A80	0
WTRPWSPA	1000	
WTRPWTRC	AA4	
WTRPWT14	A78	0
WTRP0FDB	680	1A
WTRQURYF	680	11
WTRRSVDB	CF4	
WTRRSVD0	EB	0
WTRRSVD1	4A2	0
WTRRSVD6	578	
WTRRSVD8	18C	
WTRRSVD9	45D	
WTRRSVS0	EE	0
WTRRSVS1	2C0	0
WTRRSVS2	22F	0
WTRSAFOK	103	40
WTRSCFLG	103	0
WTRSCGMN	103	80
WTRSCHFL	694	694
WTRSCHKT	6B7	10
WTRSCHLN	694	696
WTRSCHPG	694	695
WTRSCHSZ	694	0
WTRSCMPL	BC	BF
WTRSCOPY	6B4	0

Table 151. Cross Reference for IATYWTR3 (continued)

Name	Offset	Hex Tag
WTRSCTAB	6AC	0
WTRSDSOP	6B8	8
WTRSECPT	28	
WTRSETDV	680	D
WTRSFCBO	6A4	40404040
WTRSFLG1	6B6	0
WTRSFLG2	6B7	0
WTRSFLG3	6B8	0
WTRSFMH2	6B6	80
WTRSFOCO	6B7	20
WTRSFRMS	698	40404040
WTRSLDEN	6B8	20
WTRSMASK	BC	BD
WTRSMSGM	6B8	80
WTRSNREC	684	0
WTRSNXDS	6B7	80
WTRSPAN	62A	80
WTRSPDEV	680	A
WTRSPERR	6B6	20
WTRSPFCB	6B8	40
WTRSPFIR	62A	C0
WTRSPFLG	62A	0
WTRSPFSA	680	8
WTRSPFSS	680	6
WTRSPLST	62A	A0
WTRSPNTH	62A	80
WTRSPPAD	5A8	
WTRSRECN	6D0	0
WTRSREGS	3C	0
WTRSRERR	6B6	10
WTRSRETN	30	0
WTRSRLN	62C	0
WTRSRSRT	6B7	40
WTRSRSVD	6B5	0
WTRSRSV1	6BC	0
WTRSRSV2	6D4	0
WTRSRSV3	6E4	0
WTRSRTR1	BC	0
WTRSSDEV	6B7	2
WTRSSEND	6B6	40
WTRSSUSP	6B8	10
WTRSTACC	49B	80
WTRSTART	0	
WTRSTDEV	680	9
WTRSTFSA	680	7
WTRSTRT2	1000	

Table 151. Cross Reference for IATYWTR3 (continued)

Name	Offset	Hex Tag
WTRSUCSO	6A0	40404040
WTRSWBF	460	0
WTRSWBN	46C	0
WTRSWBP	468	0
WTRSWBSZ	46E	0
WTRSXLAT	28	0
WTRSYNDV	680	C
WTRTIME	470	40404040
WTRTUSID	47C	40404040
WTRT7008	F8	C4E240C9
WTRWOSER	49B	20
WTRWPRSQ	D90	0
WTRWSPAA	DBC	
WTRWSPUP	632	2
WTRXCPDS	580	
WTRXFSER	680	3
WTRXLMSD	584	
WTRXOSEN	43C	
WTR06BSP	E2C	
WTR06TOT	F78	
WTR06XSP	EA0	

IATYWTR4 information

IATYWTR4 programming interface information

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

- IATXOSCI
- IATXOSCO
- IATXOSG
- IATXOSOI
- IATXOSOO
- IATXOSP
- WTRDCLR
- WTRDCTAD
- WTRDDIAG
- WTRDDSER
- WTRDFAIL
- WTRDFDJN
- WTRDLGCR
- WTRDMDDS
- WTRDMDD2
- WTRDMSAV
- WTRDMSGR

- WTRDNAME
- WTRDPPSR
- WTRDQMSG
- WTRDRFOR
- WTRDRLJN
- WTRDSNAM
- WTRDSTUP
- WTRDWAIT
- WTRFCPER
- WTRFGDEP
- WTRFINEP
- WTRFPDQC
- WTRFPDQF
- WTRFPDQL
- WTRFPDQS
- WTRFRDEP
- WTRFSAFL
- WTRFSETE
- WTRFSV10
- WTRFTEEP
- WTRIFDBI
- WTRIFLG1
- WTRIPTK1
- WTRIPTK2
- WTRIRCDS
- WTRISLEN
- WTRMPEPT
- WTROCDEP
- WTROPPQF
- WTROPPQL
- WTROPPQN
- WTROWTRX
- WTRPRD14
- WTRPREG2
- WTRPRL14
- WTRPSAV1
- WTRPSAV2
- WTRPSAV3
- WTRPSAV4
- WTRPSM14
- WTRPSSCA
- WTRPSV14
- WTRPWT14

- WTRSNREC
- WTRSRECN
- WTRWPRSQ

IATYWTR4 heading information

Common name:	WRITER WORK/CONTROL AREA
Macro ID:	IATYWTR
DSECT name:	WTRDSECT, IOSB
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	IATODFD, IATODPN, IATODPR, IATODSI, IATODSN, or IATODWD Offset: 0 Length: 8 Note: The Eye-Catcher will be the name of the module that expands it as a CSECT.
Storage attributes:	Auxiliary Storage: N/A Subpool: 251
Size:	WTRDSECT - 0.2K IOSB - WTROODSZ
Created by:	N/A
Pointed to by:	R13 WHILE IN THE DRIVER OR SUPPORT MODULE WHICH IS REFERENCING IT ALSO: WTRDIARE --> INPUT AREA WTRDAREA --> OUTPUT AREA
Serialization:	FIELDS WHICH HAVE SERIALIZED ACCESS WSPFDBS - BETWEEN THE WRITER AND PPQ MANAGER (I.E. ONLY ONE USER OF THE WOSE FDB) WTRODIEF & WTROFLGS - THE ODIEF FLAG IS USED BY THE DIE ROUTINE (IATOSDI) TO POST (VIA CS) THE SUPPORT ROUTINE (E.G. IATOSPR) WHEN AN EVENT HAS OCCURRED. THE OFLGS FIELD IS EQUATED TO THE SAME BYTE AS ODIEF.
Function:	PROVIDE DATA CSECTS NEEDED BY OUTPUT SERVICE DRIVERS AND SUPPORT ROUTINES FOR OUTPUT WRITER PROCESSING

IATYWTR4 mapping

Table 152. Structure WTRDSECT

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	WTRDSECT	
0	(0)	SIGNED	4	WTRSTART(0)	DATA AREA START

```
      IATYMOD BR=NO
              JES3 MODULE ENTRY POINT IDENTIFIER
  01 Change Activity:
     $SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0
```

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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

Table 152. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		OUTPUT SERVICE WRITER DATA AREA THE SECURITY PARAMETER LIST FOR WRITERS IS ANCHORED IN WTRDSECA BELOW. IT IS AGETMAINED IN IATOSWC.			
36	(24)	ADDRESS	4	WTRDSECA	SECURITY DATA PARM LIST FOR IATXSEC SECURITY MACRO
40	(28)	SIGNED	4	WTRSECPT	IATYSEC PTR FOR WTRPWSPA

TRDCCDB IATYCNDB DSECT=NO CALLING CONSOLE INFORMATION
  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					

44	(2C)	SIGNED	4	WTRDCCDB(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

Table 152. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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
TRDDCDB IATYCNDB DSECT=NO DEVICE RELATED CONSOLE INFORMATION IATYCNDB_1:;					
140	(8C)	SIGNED	4	WTRDDCDB(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 INFORMATION
		DEFINITION OF WTRDCFLG			
234	(EA)	BITSTRING	1	WTRDCFLG	OUTPUT SERVICE WRITER FLAG
		1...		WTRDCRVS	"X'80'" Reserved for service
		THIS LINE DELETED BY APAR OW22430			
235	(EB)	BITSTRING	1	WTRRSVD0	RESERVED FOR DEVELOPMENT
236	(EC)	BITSTRING	1	WTRDMSGF	MESSAGE FLAGS
		DEFINITION OF WTRDMSGF			
		1...		WTRDMSGP	"X'80'" COMMAND PENDING IN WTRDMSGI
		.1..		WTRDINTV	"X'40'" INTERVENTION REQUIRED PEND.
		..1.		WTRDTMEX	"X'20'" TIMER HAS EXPIRED
		...1		WTRIRCUR	"X'10'" FAILSOFT RECURSION
		.... 1...		WTROCHOR	"X'08'" OUTPUT DEV IS CHAN-ORIENTED
		.... .1..		WTRJPDV	"X'04'" RJP DEVICE
		.... ..1.		WTRLNTRN	"X'02'" RJP LINE TURNAROUND
		1		WTRFSTAT	"X'01'" FSS CONTROLLER POST REQUEST
237	(ED)	BITSTRING	1	WTRDM731	IATOSSI DM731 footprint
238	(EE)	SIGNED	2	WTRRSVS0	RESERVED FOR SERVICE
240	(F0)	CHARACTER	8	WTRCIMPL	COMMAND IMPLEMENTATION MOD
248	(F8)	CHARACTER	10	WTRT7008	TEXT FOR IAT7008
258	(102)	BITSTRING	1	WTRDPFLG	PARAMETER FLAGS
		DEFINITION OF WTRDPFLG			
		1...		WTRDINVO	"X'80'" INVALID CONTROL CHARACTER.
		.1..		WTRDLMSG	"X'40'" LOAD MESSAGE REQUIRED
		..1.		WTRDLDCM	"X'20'" COPY MOD MUST BE LOADED

Table 152. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		...1		WTRDLDST	"X'10'" STACKER MUST BE CHANGED
		.... 1...		WTRDLFLS	"X'08'" FLASH MUST BE CHANGED
		.... .1..		WTRDLFRM	"X'04'" FORMS MUST BE LOADED
		.... ..1.		WTRDLUCS	"X'02'" UCS MUST BE LOADED
		1		WTRDLFCB	"X'01'" FCB/CTAPE MUST BE LOADED
258	(102)	X'80'	0	WTRDLMRC	"WTRDINVO" REF CHAR MUST BE LOADED
		FIELDS FOR SECURITY INFORMATION FOR WRITERS			
259	(103)	BITSTRING	1	WTRSCFLG	SECURITY FLAG BYTE
		1...		WTRSCGMN	"X'80'" AGETMAIN FOR YSEC PERFORMED
		.1..		WTRSAFOK	"X'40'" SAF AUTHORIZATION RECEIVED- 0546 DO NOT BYPASS IATOSNT 0546
		FULL DATA SET NAME AND SAF ENTITY NAME			
260	(104)	BITSTRING	1	WTRDDSNL	LENGTH OF WTRDDSNF
261	(105)	BITSTRING	44	WTRDDSNF	MAX DATASET NAME SIZE
305	(131)	BITSTRING	1	WTRENTNM	SAF ENTITY NAME
		LOGSTR FOR IATXSEC CALLS			
358	(166)	BITSTRING	1	WTROLGSL	LENGTH OF WTROLGST
359	(167)	CHARACTER	24	WTROLGST	MAX LOGSTRING SIZE
384	(180)	ADDRESS	4	WTRPSSCA	PTR TO YPSSC CONTROL BLOCK 0357
388	(184)	SIGNED	4	WTRFENQ	AENQ COUNT FOR FSS WRITERS
392	(188)	SIGNED	4	WTRIDLES	Start of idle period
396	(18C)	BITSTRING	3	WTRRSVD8	RESERVED FOR DEVELOPMENT
399	(18F)	CHARACTER	80	WTRDOTOK	SECURITY TOKN OF OWNING JOB
479	(1DF)	CHARACTER	80	WTRDRTOK	DATA SET SECURITY TOKEN 0094
559	(22F)	BITSTRING	1	WTRRSVS2	Reserved for Service
		WTRDMSG MESSAGE TEXT=WTRDMSGO,MF=L $T6=z1.13.0 HJS7780 110309 PD0TN: z 1.13.0			
560	(230)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
560	(230)	ADDRESS	4	WTRDMSG	Text Address
564	(234)	BITSTRING	2		Destination Disp and Mask
566	(236)	BITSTRING	1		ACTION flag
567	(237)	ADDRESS	1		Options Flag
568	(238)	BITSTRING	2		Descriptor Codes
570	(23A)	SIGNED	2		Reserved 2 Bytes
572	(23C)	BITSTRING	17		Routing Codes
589	(24D)	BITSTRING	1	(3)	Reserved
592	(250)	BITSTRING	1	(8)	Jobid
600	(258)	BITSTRING	1	(8)	Jobname
608	(260)	BITSTRING	1	(8)	Key
616	(268)	ADDRESS	4		CNDB Address 1
620	(26C)	ADDRESS	4		CNDB Address 2
624	(270)	ADDRESS	4		CNDB Address 3

Table 152. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
628	(274)	ADDRESS	4		CNDB Address 4
632	(278)	ADDRESS	4		CNDB Address 5
636	(27C)	ADDRESS	4		MLWO Address
		IATXCNDB MF=(L,WTRDXCDB) MACDATE -94/10/04-<3>			
0	(0)	X'280'	0	M00M0006	"WTRDXCDB" ++ IATXCNDB NAME
640	(280)	DBL WORD	8	WTRDXCDB(0)	++ IATXCNDB PARM LIST
640	(280)	BITSTRING	1	WTRDXCDB_XVERSION	++ INPUT XVERSION
641	(281)	CHARACTER	6	WTRDXCDB_XEYECATCH	++ CONSTANT
647	(287)	BITSTRING	2	WTRDXCDB_XFLAG1	++ FIELD_LABEL
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_INITIALIZE	"B'1000000000000000'" ++ XOPERATION.INITIALIZE KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_TRANSFER	"B'0100000000000000'" ++ XOPERATION.TRANSFER KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_UPDATE	"B'0010000000000000'" ++ XOPERATION.UPDATE KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_RESET	"B'0001000000000000'" ++ XOPERATION.RESET KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_VERIFY	"B'0000100000000000'" ++ XOPERATION.VERIFY KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_TRANSCONSID	"B'0000010000000000'" ++ XOPERATION.TRANSCONSID KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_TRANSROUT	"B'0000001000000000'" ++ XOPERATION.TRANSROUT KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_EXTRACTCONSID	"B'0000000100000000'" ++ XOPERATION.EXTRACTCONSID KEYWORD
		1...		WTRDXCDB_XOPERATION_EXTRACTCONSNAME	"B'0000000010000000'" ++ XOPERATION.EXTRACTCONSNAME KEYWOR
		.1..		WTRDXCDB_XOPERATION_EXTRACTCONSTYPE	"B'0000000001000000'" ++ XOPERATION.EXTRACTCONSTYPE KEYWOR
		..1.		WTRDXCDB_XOPERATION_EXTRACTROUT	"B'0000000000100000'" ++ XOPERATION.EXTRACTROUT KEYWORD
		...1		WTRDXCDB_XOPERATION_EXTRACTCART	"B'0000000000010000'" ++ XOPERATION.EXTRACTCART KEYWORD
649	(289)	BITSTRING	1	WTRDXCDB_XABEND	++ INPUT
		1...		WTRDXCDB_XABEND_YES	"B'10000000'" ++ XABEND.YES KEYWORD
		.1..		WTRDXCDB_XABEND_NO	"B'01000000'" ++ XABEND.NO KEYWORD
650	(28A)	BITSTRING	1	WTRDXCDB_XUSERADDR	++ FIELD_LABEL
651	(28B)	CHARACTER	1	WTRDXCDB_XRSV001	++ RESERVED
652	(28C)	ADDRESS	4	WTRDXCDB_XCNDB	++
656	(290)	ADDRESS	4	WTRDXCDB_XOUTCNDB	++

Table 152. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
660	(294)	ADDRESS	4	WTRDXCDB_XINCNDB	++
664	(298)	ADDRESS	4	WTRDXCDB_XCONSNM	++
668	(29C)	ADDRESS	4	WTRDXCDB_XCONSID	++
672	(2A0)	ADDRESS	4	WTRDXCDB_XOUTCONSID	++
676	(2A4)	CHARACTER	2	WTRDXCDB_XRSV002	++ RESERVED
678	(2A6)	BITSTRING	1	WTRDXCDB_XFLAG2	++ FIELD_LABEL
		1...		WTRDXCDB_XCMDIND_YES	"B'10000000'" ++ XCMDIND.YES KEYWORD
		.1..		WTRDXCDB_XCMDIND_NO	"B'01000000'" ++ XCMDIND.NO KEYWORD
679	(2A7)	BITSTRING	1	WTRDXCDB_XKEYS	++ FIELD_LABEL
		1...		WTRDXCDB_KEYUSED_CMDIND	"B'10000000'" ++ KEYUSED.CMDIND KEYWORD
680	(2A8)	ADDRESS	4	WTRDXCDB_XROUT	++
684	(2AC)	ADDRESS	4	WTRDXCDB_XCART	++
688	(2B0)	ADDRESS	4	WTRDXCDB_XOUTCONSNAME	++
692	(2B4)	ADDRESS	4	WTRDXCDB_XOUTCONSTYPE	++
696	(2B8)	ADDRESS	4	WTRDXCDB_XOUTROUT	++
700	(2BC)	ADDRESS	4	WTRDXCDB_XOUTCART	++
700	(2BC)	X'40'	0	WTRDXCDBL	"*-WTRDXCDB" ++ LENGTH OF PLIST
				IATXCNDB-3	
704	(2C0)	SIGNED	2	WTRRSVS1	RESERVED FOR SERVICE
708	(2C4)	SIGNED	4	(0)	
708	(2C4)	BITSTRING	1	WTRDMSGI	
944	(3B0)	CHARACTER	120	WTRDMSGO	OUTPUT MESSAGE AREA
				THESE LINES DELETED BY PAR0301	
1064	(428)	CHARACTER	8	WTRDODDN	OUTPUT COMPONENT DDNAME
				THE FOLLOWING FOUR FIELDS MUST REMAIN TOGETHER	
1072	(430)	CHARACTER	8	WTRDTYPE(0)	OUTPUT TYPE - FROM SUPTYPE 0053
1072	(430)	CHARACTER	3	WTRDOTYP	OUTPUT COMPONENT GTYPE
1075	(433)	CHARACTER	4	WTRDOSTY	OUTPUT COMPONENT STYPE
1079	(437)	BITSTRING	1	WTRDOMOD	OUTPUT COMPONENT MODEL
				END OF RELATION FOR FIELDS WTRDTYPE -> WTRDOMOD 0	
1080	(438)	CHARACTER	4	WTRDODEV	OUTPUT DEVICE NUMBER
1080	(438)	X'439'	0	WTRDODV3	"WTRDODEV+1,3" 3 DIGIT PORTION OF DEVICE NUMBER WTRDODEV
				$SK = ENF58CK HJS7708 020916 ID1RS: z 1.5.0 IATXOSEN MF=L	
1084	(43C)	SIGNED	4	WTRXOSEN(0)	List form
1084	(43C)	ADDRESS	4		CTOKEN address
1088	(440)	ADDRESS	4		New client token address
1092	(444)	ADDRESS	4		Address of system hold reason
1096	(448)	ADDRESS	4		Address of reason text

Table 152. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1100	(44C)	ADDRESS	4		Address of checkpoint data
		When ENF58 signal is issued for non-FSS writers, the following fields will have the checkpointed copy, record and page counts. The following three fields must always be together. The 12 byte area will be passed in the CHK= parameter on the IATXOSEN macro while issuing the checkpoint ENF58 signal.			
1104	(450)	BITSTRING	12	WTROCHK(0)	
1104	(450)	SIGNED	4	WTROCOPY	Copy count
1108	(454)	SIGNED	4	WTROREC	Record count
1112	(458)	SIGNED	4	WTROPAGE	Page count (not used for line mode printers)
1116	(45C)	BITSTRING	1	WTRDFLGO	OUTPUT COMPONENT FLAG BYTE
		DEFINITION OF WTRDFLGO			
		1...		WTRORJCT	"X'80'" ONLY ALLOW ONE OPER COMMAND
		.1..		WTROCLOS	"X'40'" PERFORM JESCLOSE ONLY $$$$
		..1.		WTROREAL	"X'20'" LABEL=REAL ON IATXOSOO LABEL=FINAL ON IATXOSCO
		..1.		WTROTRUN	"X'20'" TRUNC=YES ON IATXOSP
		...1		WTROLBL	"X'10'" SETUP CALL
		.... 1...		WTROVOL	"X'08'" GENERATE VOL LABEL
1116	(45C)	X'8'	0	WTROCONS	"WTROVOL" SUSPEND FOR CONSOLE OUT
		.... .1..		WTRODS	"X'04'" GENERATE DS LABEL
		.... ..1.		WTROREG	"X'02'" PARMS ARE IN REG
		1		WTRONNP	"X'01'" NEWPAGE=NO ON IATXOSOO
		1		WTROLIST	"X'01'" PARMS ARE IN LIST (IATXOSP)
1117	(45D)	BITSTRING	3	WTRRSVD9	RESERVED FOR DEVELOPMENT
1120	(460)	BITSTRING	6	WTRSWBF	M.R FOR SWB IN STG- WTRSWBP
1128	(468)	SIGNED	4	WTRSWBP	ADDRESS OF SWB POINTER LIST D015 FOR SMF6 MAPPED BY IEFSJTRP D015
1132	(46C)	SIGNED	2	WTRSWBN	NUMBER OF SWB POINTERS IN D015 WTRSWBP LIST D015
1134	(46E)	SIGNED	2	WTRSWBSZ	TOTAL SIZE OF SWBTU POINTED D015 TO BY WTRSWBP LIST D015
1136	(470)	CHARACTER	8	WTRTIME	PRINTER START TIME IN EBCDIC
1144	(478)	SIGNED	4	WTRDATE	PRINTER START DATE IN JULIAN
1148	(47C)	CHARACTER	8	WTRTUSID	TSO USERID
1156	(484)	ADDRESS	4	WTRDSUPO	OUTPUT SUPUNITS ADDRESS
1160	(488)	CHARACTER	8	WTRDIDDN	INPUT COMPONENT DDNAME
1168	(490)	CHARACTER	3	WTRDITYP	INPUT COMPONENT GTYPE
1171	(493)	CHARACTER	4	WTRDISTY	INPUT COMPONENT STYPE
1175	(497)	BITSTRING	1	WTRDIMOD	INPUT COMPONENT MODEL
1176	(498)	CHARACTER	3	WTRDIDEV	INPUT DEVICE ADDRESS
1179	(49B)	BITSTRING	1	WTRDFLGI	INPUT COMPONENT FLAG BYTE
		DEFINITION OF WTRDFLGI			
		1...		WTRSTACC	"X'80'" IATXOSG CALLER ACCEPTS STREAM MODE/SPANNED RECORDS TWO BUFFERS

Table 152. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.1..		WTRENFDS	"X'40'" Issue ENF signal for non-FSS writer data set selection
		..1.		WTRWOSER	"X'20'" Need to release WOSE
1186	(4A2)	SIGNED	2	WTRRSVD1	RESERVED FOR DEVELOPMENT
1188	(4A4)	ADDRESS	4	WTRDFAIL	DUMP/RETURN ROUTINE ADDRESS
1192	(4A8)	ADDRESS	4	WTRDSUPI	INPUT SUPUNITS ADDRESS
1196	(4AC)	SIGNED	4	WTRDRSV5	RESERVED FOR SERVICE
1200	(4B0)	ADDRESS	4	WTRDINTS	INTERVENTION REQ. SUPUNITS
1204	(4B4)	SIGNED	4	WTRDRCDS	OUTPUT RECORD COUNT
1208	(4B8)	SIGNED	4	WTRCRDS	OUTPUT RECD CONT FOR INQUIRY
1212	(4BC)	SIGNED	4	WTRDPGCT	OUTPUT PAGE COUNT
1216	(4C0)	ADDRESS	4	IATXOSOO	OUTPUT COMPONENT OPEN ADDR.
1220	(4C4)	ADDRESS	4	IATXOSP	OUTPUT COMPONENT PUT ADDR.
1224	(4C8)	ADDRESS	4	IATXOSCO	OUTPUT COMPONENT CLOSE ADDR.
1228	(4CC)	ADDRESS	4	WTRDCLR	OUTPUT BUFFER-CLEARING RTN.
1228	(4CC)	X'4CC'	0	WTRFCPER	"WTRDCLR" FSS WTR CHKPOINT ERROR RTN.
1232	(4D0)	ADDRESS	4	IATXOSOI	INPUT COMPONENT OPEN ADDR.
1236	(4D4)	ADDRESS	4	IATXOSG	INPUT COMPONENT GET ADDR.
1240	(4D8)	ADDRESS	4	IATXOSCI	INPUT COMPONENT CLOSE ADDR.
1244	(4DC)	ADDRESS	4	WTRDCDEP	OUTPUT COMPONENT CDE
1248	(4E0)	ADDRESS	4	WTRDAREA	OUTPUT COMPONENT AREA
1252	(4E4)	CHARACTER	8	WTRDONAM	OUTPUT COMPONENT MODULE NAM
1244	(4DC)	ADDRESS	4	WTRFRSV1	RESERVED FOR FSS DEVELOPMNT
1248	(4E0)	ADDRESS	4	WTRFSETE	IATOSFD MSG RTN FOR DEVICE FAILURE WITH ETE BIT SET ADDRESS (LABEL: OFDFE000)
1252	(4E4)	ADDRESS	4	WTRFINEP	FSS WTR INIT ENTRY POINT
1260	(4EC)	ADDRESS	4	WTRDICDE	INPUT COMPONENT CDE ADDR.
1264	(4F0)	ADDRESS	4	WTRDIARE	INPUT COMPONENT AREA
1268	(4F4)	CHARACTER	8	WTRDINAM	INPUT COMPONENT NAME
1260	(4EC)	ADDRESS	4	WTRFGDEP	FSS WTR GETDS ENTRY POINT
1264	(4F0)	ADDRESS	4	WTRFRDEP	FSS WTR RELDS ENTRY POINT
1268	(4F4)	ADDRESS	4	WTRFTEEP	FSS WTR TERM ENTRY POINT
1276	(4FC)	ADDRESS	4	WTRMPEPT	IATOSMP MODULE ENTRY POINT
1280	(500)	ADDRESS	4	WTRDRFOR	IATOSMP FCB MAPPING ROUTINE ADDRESS (LABEL: OSMPRFOR)
1284	(504)	ADDRESS	4	WTRDQMSG	IATOSFD DEQUE ACTIVE MSG RTN#587 ADDRESS (LABEL: OFDDQMSG) #587
1288	(508)	ADDRESS	4	WTRDNAME	IATOSWC DDNAME RETRVAL RTN ADDRESS (LABEL: OSDPOINT)
1292	(50C)	ADDRESS	4	WTRDSTUP	IATOSWC SETUP CHECK ROUTINE ADDRESS (LABEL: OSWCSTUP)
1296	(510)	ADDRESS	4	WTRDWAIT	IATOSWC WAITING WORK MSG RTN ADDRESS (LABEL: OSWCWAIT)
1300	(514)	ADDRESS	4	WTRDMDDS	IATOSWC MAN/DIAG MODE MSG RTN ADDRESS (LABEL: OSWCMDDS)
1304	(518)	ADDRESS	4	WTRDMDD2	IATOSWC MAN/DIAG MODE MSG RTN 2 (LABEL: OSWCMDD2)
1308	(51C)	ADDRESS	4	WTRDDIAG	IATOSWC DIAGNOSTIC MSG ROUTN ADDRESS (LABEL: OSWCDIAG)

Table 152. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1312	(520)	ADDRESS	4	WTRDDSER	IATOSWC DIAGNOSTIC MSG ROUTN ADDRESS (LABEL: OSWCDSER)
1316	(524)	ADDRESS	4	WTRDSNAM	IATOSWC DSNAME CREATE RTN ADDRESS (LABEL: OSWCDSNM)
1320	(528)	ADDRESS	4	WTRDFDJN	FIND JESNEWS SUBROUTINE 2633
1324	(52C)	ADDRESS	4	WTRDRLJN	RELEASE JESNEWS SUBROUTINE 2633
1328	(530)	ADDRESS	4	WTRDPPSR	COMMAND PROCESSOR PPQ SYNCH ROUTINE ADDRESS (LABEL: OSMPSYNC)
1332	(534)	ADDRESS	4	WTRDMSGR	COMMAND PROCESSOR MESSAGE ROUTINE ADDRESS (LABEL: OSMPPMSG) 0084
1332	(534)	X'0'	0	WTRDMGNA	"0" NON-ACTION MESSAGE (R1 VALUE TO OSMPPMSG ABOVE 0084
1332	(534)	X'1'	0	WTRDMGAC	"1" ACTION MESSAGE (R1 VALUE TO OSMPPMSG ABOVE 0084
1336	(538)	ADDRESS	4	WTRDCTAD	COMMAND PROCESSOR PARAMETER TABLE ADDRESS (LABEL: OSMPTBL1)
1340	(53C)	ADDRESS	4	WTRFSAFL	IATOSFD FSA FAILURE MSG RTN ADDRESS (LABEL: OFDFS000)
1344	(540)	ADDRESS	4	WTRDLGCR	LOGSTR CREATE ROUTINE ADDR 0391 (LABEL: OSWCLGCR) 0391
1348	(544)	ADDRESS	4	WTROWTRX	WRITER EXTENSION ADDRESS
1352	(548)	ADDRESS	4	WTROCDEP	JDE ADDRESS FOR IATODPX
1356	(54C)	SIGNED	4	WTRDFSID(0)	FUNCTIONAL SUBSYSTEM ID
1356	(54C)	SIGNED	2	WTRDFSS	FSS PORTION OF FSID
1358	(54E)	SIGNED	2	WTRDFSA	FSA PORTION OF FSID
1360	(550)	CHARACTER	8	WTRFSSNM	FSS NAME FOR THIS FSS
1368	(558)	CHARACTER	8	WTRFMID	FSS RELDS INCOMPLETE/DATA- SET UNPRINTABLE MSG TEXT

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          FIRST BYTE OF WTRFMID = X'00' - NO MSG TEXT AVAIL
                     NOT X'00' - FSA RELDS INCOM/UNPRT
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Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1376	(560)	ADDRESS	4	WTRFSSAD	FSS TABLE ENTRY ADDRESS
1380	(564)	ADDRESS	4	WTRFSAAD	FSA TABLE ENTRY ADDRESS
1384	(568)	ADDRESS	4	WTRFMPAD	FSS PROCESSOR MPC ENTRY AD
1388	(56C)	SIGNED	4	WTRFSTAR	CURRENT FSS/FSA STAGING AREA
1392	(570)	SIGNED	4	WTRFSV10	SAVE AREA USED BY IATXPDQ ON INTERNAL CALLS
1396	(574)	BITSTRING	1	WTRFGDRN	HOLD REASON IF WTRFDSUP ON
1397	(575)	BITSTRING	1	WTRFRCFM	Data set record format (Bit definitions same as JFCRECFM in the JFCB)
1398	(576)	SIGNED	2	WTRFRECL	Maximum data set record length
1400	(578)	SIGNED	4	WTRRSVD6(2)	RESRVD FOR NON-FSS DEVLPMNT
1408	(580)	SIGNED	4	WTRXCPDS	NUMBER OF SKIPPED CPDS RECORDS FOR THIS DATA SET
1412	(584)	SIGNED	4	WTRXLMSD	NUMBER OF TRUNCATED LINE MODE SPANNED RECORDS FOR THIS DATA SET
1416	(588)	SIGNED	4	WTRFSYWM	DOMID FOR DATASET SYNCHRONIZATION
1420	(58C)	SIGNED	4	WTRFSWRK	FSS WORK AREA
1424	(590)	SIGNED	4	WTRFRSVD(2)	RESERVED FOR DEVELOPMENT
1432	(598)	SIGNED	4	WTRF3MSG	DOMID FOR MESSAGE IAT4730
1436	(59C)	SIGNED	4	WTRFRSVS(3)	RESERVED FOR SERVICE

Table 152. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1448	(5A8)	ADDRESS	4	WTRSPPAD	SET PRINT PARM ADDRESS
1452	(5AC)	SIGNED	4	WTRFRSVU(5)	RESERVED FOR USER
		BEGINNING OF AREA DUMPED IN MESSAGE IAT7060 AFTER WTRINDX BY SPECIFYING THE 'D' PARAMETER ON AN X, R, OR C COMMAND FOR WRITERS IN FSS MODE.			
1472	(5C0)	BITSTRING	1	WTRFFLG1	FSS WTR FLAG
		DEFINITION OF WTRFFLG1			
		1...		WTRFMFSS	"X'80'" THIS IS A FSS WRITER
		.1..		WTRFFSS	"X'40'" THIS WTR SUPPORTS A FSS
		..1.		WTRFFSA	"X'20'" THIS WTR SUPPORTS A FSA
		...1		WTRFFSSA	"X'10'" FSS IS ACTIVE
		.... 1...		WTRFFSAA	"X'08'" FSA IS ACTIVE
		.... .1..		WTRFRESP	"X'04'" ORDER RESPONSE PENDING
		.... ..1.		WTRFMPER	"X'02'" OSMP IN CMD ERROR PROCESSING
		1		WTRFNCKP	"X'01'" NEW CHECKPOINT BUFFER W/O SPOOL ADDRESS
1473	(5C1)	BITSTRING	1	WTRFFLG2	FSS WTR FLAG
		DEFINITION OF WTRFFLG2			
		1...		WTRFMPDL	"X'80'" ADELETE MODULE IATOSMP
		.1..		WTRFISET	"X'40'" SETUP TO COMPLTE PROCESSING (I.E. FSI INTRVENTION ORDER SENT TO FSA BY IATOSFS AND RESPONSE HAS NOT BEEN RECEIVED OR PROCESSED)
		..1.		WTRFFSRC	"X'20'" OSFS RECEIVED REJECT COMMAND
		...1		WTRFUIR	"X'10'" UPDATE INTERVENTION REQUIRED
		EQU X'08' RESERVED FOR DEVELOPMENT			
		.... .1..		WTRFPORQ	"X'04'" POST FOR GETDS REQUIRED
		.... ..1.		WTRFDUMP	"X'02'" OPERATOR REQUESTED DUMP DURING FAILSOFT - ABEND FSS ADDRESS SPACE WITH DUMP
		1		WTRFRCUR	"X'01'" FAILSOFT RECURSION
1474	(5C2)	BITSTRING	1	WTRFFLG3	FSS WTR FLAG
		DEFINITION OF WTRFFLG3			
		1...		WTRFGTRL	"X'80'" RELEASE WTR'S PENDING OSES
		.1..		WTRFTREQ	"X'40'" SET ORDER REQUIRED
		..1.		WTRFSVAL	"X'20'" DS VALIDATION ON SYNC REQ'D
		...1		WTRFSMSG	"X'10'" WTRIOSE has job name and number for IAT7089 msg
		.... 1...		WTRFDRET	"X'08'" OSMP RETURN W/OUT CMD IMPL
		.... .1..		WTRFDSUP	"X'04'" WTRFDSAD DS UNPRINTABLE BY FSS
		.... ..1.		WTRFSARS	"X'02'" FSA RESTART REQUESTED
		1		WTRFDVRS	"X'01'" DEVICE IS TO BE RESTARTED
1475	(5C3)	BITSTRING	1	WTRFFLG4	FSS WTR FLAG

Table 152. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		DEFINITION OF WTRFFLG4			
		1...		WTRFDCPI	"X'80'" WTRFDSAD DS CHKPOINT INVALID
		.1..		WTRFRSCD	"X'40'" RELDS INCOMPLETE RECEIVED
		..1.		WTRFJTRL	"X'20'" JOB TRAILER WAS SPECIFIED ON SYNCH ORDER TO DEVICE
		...1		WTRFJNDS	"X'10'" JESNEWS BEING SELECTED 2633
		.... 1...		WTRFJNNX	"X'08'" JESNEWS TO BE SENT NEXT 2633
		.... .1..		WTRFCLR	"X'04'" PDQ CLEAR IN PROGRESS
		.... ..1.		WTRFFAIL	"X'02'" FSS AND WRITER TO TERMINATE #245
		1		WTRFDOSU	"X'01'" UPDATE DOSE ON PDQWOSWR 3339
		END OF THIS AREA DUMPED BY SPECIFYING THE D PARAMETER ON AN X, S, R, OR C COMMAND FOR FSS MODE WRITERS. (SEE WTRFFLG5) THE FOLLOWING FIVE FIELDS IDENTIFY THE JOB IN PROGRESS AT THE CHANNEL INTERFACE. FOR NON-CHANNEL-ORIENTED OUTPUT DEVICE (E.G. 3800) OR A DEVICE DRIVEN BY AN FSS, THEY MAY NOT PERTAIN TO THE SAME JOB AT THE TRANSFER STATION OR STACKER AS IDENTIFIED BY THE ACTIVE RESQUEUE IN FCTRQAD. INITIALLY, WE COULD HAVE BOTH THE FCTRQAD AND THE FOLLOWING FIVE FIELDS IDENTIFYING THE SAME JOB. AS THE JOB PROGRESSES THROUGH THE CHANNEL THE WRITER COULD START TO BRING IN THE NEXT JOB AND UPDATE THE VALUES OF THE FOLLOWING FIVE FIELDS. THE FIELD FCTRQAD DIDN'T GET UPDATED UNTIL THE FIRST UNIT OF THE NEXT JOB IS READY TO BE STACKED. THUS, WE HAVE A SMALL WINDOW HERE WHERE WE HAVE THE FCTRQAD AND THE FOLLOWING FIELDS POINTING TO DIFFERENT JOBS.			
1476	(5C4)	CHARACTER	24	WTRDDSN	DATASET NAME IN PROGRESS
1500	(5DC)	CHARACTER	8	WTRDJNAM	JOB NAME IN PROGRESS
1508	(5E4)	CHARACTER	8	WTRDJID	JOB ID IN PROGRESS
1516	(5EC)	ADDRESS	4	WTRDRSQ	RQ ADDR FOR CURRENT JOB
1520	(5F0)	CHARACTER	8	WTRDYNAM	JOB ID FOR DYNAMIC WTR
		FIELDS USED BY THE PENDING DATA SET QUEUE MANAGER (IATOSFP)			
1528	(5F8)	ADDRESS	4	WTRFDSAD	DATA SET ID ADDRESS FOR AN FSS WRITER
1532	(5FC)	ADDRESS	4	WTRFPDQF	ADDR OF FIRST (OLDEST) PDQ ENTRY (0 IF QUEUE EMPTY) MAINTAINED BY OSFP
1536	(600)	ADDRESS	4	WTRFPDQL	ADDR OF LAST (NEWEST) PDQ ENTRY (0 IF QUEUE EMPTY) MAINTAINED BY OSFP
1540	(604)	ADDRESS	4	WTRFPDQC	ADDR OF CURRENT (CHANNEL) PDQ. ZERO IF NO DS SELECTD MAINTAINED BY OSFP
1544	(608)	ADDRESS	4	WTRFRSVX	RESERVED FOR DEVELOPMENT
1548	(60C)	ADDRESS	4	WTRFPDQS	ADDR OF 'SYNCHED TO' PDQ IATXPDQ TYPE=PDQSYNCH SETS MAINTAINED BY OSMP+OSFM
		FIELDS USED BY PENDING PAGE QUEUE MANAGER (IATOSWP)			
1552	(610)	ADDRESS	4	WTROPPQF	ADDR OF FIRST (OLDEST) PPQ ENTRY (0 IF QUEUE EMPTY)
1556	(614)	ADDRESS	4	WTROPPQN	ADDR OF PPQ ENTRY FOR NEXT PAGE EXPECTED TO BE STACKED (0 IF NO EXPECTED PAGE IS IN PRINTER)
1560	(618)	ADDRESS	4	WTROPPQL	ADDR OF LAST (NEWEST) PPQ ENTRY (0 IF QUEUE EMPTY)

Table 152. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1564	(61C)	SIGNED	4	WTRDCUPG	NUM OF PAGES INTO CURRENT TRANSMISSION. DECREASED FOR BACKSP, INCREASED FOR PRINTING & FORWARD SPACE
1568	(620)	SIGNED	4	WTRDCTPG	NUMBER OF PAGES IN A COMPLETE TRANSMISSION OF THE CURRENT DATA SET. ZERO WHEN THE FIRST TRANSMISSION HAS NOT COMPLETED.
1572	(624)	SIGNED	2	WTRICURR	OFFSET WITHIN WOSE BUFFER TO CURRENT DATA SET BEING PROCESSED AT THE CHANNEL
1574	(626)	SIGNED	2	WTROLRCL	Original logical record length of a record
1576	(628)	BITSTRING	1	WTRDPSTF	WRITER POST FLAG BYTE
		DEFINITION OF WTRDPSTF FLAGS SHOULD BE UPDATED UNDER NUC TASK ONLY			
		1...		WTRDCMDQ	"X'80'" OPERATOR COMMAND QUEUED FOR FCT
		.1..		WTRDSPRT	"X'40'" SETPRINT COMPLETE
		..1.		WTRI7030	"X'20'" MSG IAT7030 REPLIED TO BY OP
		...1		WTRISTAR	"X'10'" COMMAND IS A START COMMAND
		.... 1...		WTRDSADD	"X'08'" SETPRT TYPE=ADD ISSUED
		.... .1..		WTRDRCER	"X'04'" SETPRT RECURSIVE ERROR IND
		.... ..1.		WTRDTMOT	"X'02'" Writer timed out while waiting for work
		1		WTRDOFLG	"X'01'" WORK AVAILABLE
1577	(629)	BITSTRING	1	WTRDMSAV	SAVE AREA FOR TASK MODE
1578	(62A)	BITSTRING	1	WTRSPFLG	SPANNED DATA FLAGS
		DEFINITION OF WTRSPFLG THE FLAGS ARE USED TO INDICATE THE TYPE OF DATA PASSED TO NETWORKING MODULE IATOSNJ			
1578	(62A)	X'0'	0	WTRNOSPN	"FCTNOSPN" LOGICAL RECRD IS NOT SPANNED
1578	(62A)	X'80'	0	WTRSPAN	"FCTSPAN" SPANNED DATA PRESENT
1578	(62A)	X'C0'	0	WTRSPFIR	"FCTSPFIR" FIRST 'RECORD SECTION'
1578	(62A)	X'80'	0	WTRSPNTH	"FCTSPNTH" NTH 'RECORD SECTION'
1578	(62A)	X'A0'	0	WTRSPLST	"FCTSPLST" LAST 'RECORD SECTION'
1579	(62B)	BITSTRING	1	WTRFWOSU	OSFP WOSE UPDATE RTN FLAG
1580	(62C)	SIGNED	2	WTRSRLN	SPANNED RECORD LENGTH
		BEGINNING OF AREA DUMPED IN MESSAGE IAT7060 AFTER WTRFFLG1 THROUGH WTRFFLG4 BY SPECIFYING THE 'D' PARAMETER ON AN X, S, R OR C COMMAND FOR WRITERS IN FSS MODE.			
1582	(62E)	BITSTRING	1	WTRFFLG5	FSS WRITER FLAG BYTE 5
		DEFINITION OF WTRFFLG5			
		1...		WTRFRSTR	"X'80'" FSS WRITER TO BE RESTARTED FOLLOWING IPL OF FSS MAIN
		.1..		WTRFSTRS	"X'40'" STAGING AREA RECEIVED RESENT OVER RESTART (STARSNT)

Table 152. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1.		WTRFSYWT	"X'20'" WAITING FOR DATASET SYNCHRONIZATION MSG ISSUED
		...1		WTRFFRIP	"X'10'" FSA RESTART IN PROGRESS
		.... 1...		WTRFJOSL	"X'08'" JOB/OSE SELECTED STATUS LOCK
		.... .1..		WTRFSRS	"X'04'" SPECIALIZED RESCHEDULE HAS RETURNED NAVAIL-DYNAMIC WTR
		.... ..1.		WTRFQREQ	"X'02'" QUERY ORDER REQUIRED
		1		WTRFSDDN	"X'01'" DDNAME TO BE FOUND IN PDQ
				END OF AREA DUMPED BY SPECIFYING THE D PARAMETER ON AN X, S, R, OR C COMMAND FOR FSS MODE WRITERS.	
1583	(62F)	BITSTRING	1	WTRFFLG6	FSS WRITER FLAG BYTE 6
				DEFINITION OF WTRFFLG6 THE FOLLOWING 3 BITS INDICATE THAT JES REQUESTED SETUP, BUT THE DEVICE DOES NOT SUPPORT THAT PARTICULAR INTERV.	
		.1..		WTRDJDST	"X'40'" STACKER SETUP REQUESTED(JES)
		..1.		WTRDJFLS	"X'20'" FLASH SETUP REQUESTED(JES)
		...1		WTRDJFRM	"X'10'" FORMS SETUP REQUESTED(JES)
1583	(62F)	X'70'	0	WTRDJFLG	"WTRDJDST+WTRDJFLS+WTRDJFRM"
		.... .1..		WTRDUDST	"X'04'" STACKER UPDATE INTERV. REQ.
		.... ..1.		WTRDUFLS	"X'02'" FLASH UPDATE INTERV. REQ.
		1		WTRDUFRM	"X'01'" FORMS UPDATE INTERV. REQ.
1583	(62F)	X'7'	0	WTRDUFLG	"WTRDUDST+WTRDUFLS+WTRDUFRM"
1584	(630)	BITSTRING	1	WTRFFLG7	FSS WRITER FLAG BYTE 7
				DEFINITION OF WTRFFLG7	
		1...		WTRFMANU	"X'80'" MANUAL MODE PRINT BUFFER PROCESSING IN PROGRESS
		.1..		WTRFGRCM	"X'40'" MANUAL MODE COMMAND PROCESSING IN PROGRESS
		..1.		WTRFVOFF	"X'20'" SUPUNIT VARY OFFLINE SCHEDULED
		...1		WTRFPRIM	"X'10'" PARM OSE IS FOR PRIME PDQ
		.... 1...		WTRFSATM	"X'08'" FSA TO TERMINATE
		.... .1..		WTRFSABN	"X'04'" STOP FSA ABNORMAL FOR *FAIL 0207 OR WTR ABEND IN PROGRESS 0207
		.... ..1.		WTRICKPG	"X'02'" CHECKPOINT INTERVAL IS IN PAGES
		1		WTRICKSC	"X'01'" CHECKPOINT INTERVAL IS IN SECONDS
1585	(631)	BITSTRING	1	WTRFFLG8	FSS WRITER FLAG BYTE 8
				DEFINITION OF WTRFFLG8	
		1...		WTRFFIT	"X'80'" FSA INITIATED TERMINATION 0046
		.1..		WTRFINZ0	"X'40'" NON-0 NON-TERMINAL RETURN IN INTERVENTION ORDER RESP
		..1.		WTRFCKAL	"X'20'" FSS checkpoint allocated
		...1		WTRDLOCN	"X'10'" WHEN ON, INDICATES DLOCON HAS BEEN ISSUED; WHEN OFF DLOCOFF IS NOT REQUIRED

Table 152. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1...		WTRFIWTO	"X'08'" WTO MESSAGE HAS BEEN ISSUED
		.... .1..		WTRFCLPI	"X'04'" CLEAR PRINT ISSUED FOR DYNAMIC WRITER
		.... ..1.		WTRFCPIP	"X'02'" CLEAR PRINT IN PROGRESS
		1		WTRFOSDP	"X'01'" A DATASET IN THIS OSE HAS BEEN MARKED PENDING
1586	(632)	BITSTRING	1	WTRFFLG9	FSS FLAG BYTE 9
		DEFINITION OF WTRFFLG9			
		1...		WTRFSEET	"X'80'" AN ENVIRONMENTAL TYPE ERROR (BIT RESP2ETE WAS SET IN RESPFL2) WAS RECEIVED IN RESPONSE TO A SET ORDER.
		.1..		WTRFQUET	"X'40'" AN ENVIRONMENTAL TYPE ERROR WAS RECEIVED IN RESPONSE TO A QUERY ORDER.
		..1.		WTRFSYET	"X'20'" AN ENVIRONMENTAL TYPE ERROR WAS RECEIVED IN RESPONSE TO A SYNCH ORDER.
		...1		WTRNOACT	"X'10'" NO ACTION REQUIRED FOR THIS COMMAND
		.... 1...		WTRJTRNX	"X'08'" Job trailer to go next
		.... .1..		WTRFNDMP	"X'04'" No dump of FSS required on FAILDSP
		.... ..1.		WTRWSPUP	"X'02'" IATOSFP did an IATXOSWS GET/REL call for RQ saved in the primary WSP
		1		WTRFWUAL	"X'01'" Waiting for FSS to get unallocated
1587	(633)	BITSTRING	1	WTRFFLGA	FSS FLAG BYTE 10
		DEFINITION OF WTRFFLGA			
		1...		WTRF0FDB	"X'80'" A DM656 ABEND IS NOT NEEDED FOR A ZERO WOSE FDB. THE ROUTINE CALLING PDQWOSRD WILL HANDLE IT.
		.1..		WTRFNEWS	"X'40'" PDQDSSEL CALL WAS MADE FOR JESNEWS DATASET
		..1.		WTRFRLTM	"X'20'" RELDS timer outstanding
		...1		WTRFRTMI	"X'10'" RELDS timer cancelled, may need to be reissued
		.... 1...		WTRFRVA3	"X'08'" BIT RESERVED FOR SERVICE
		.... .1..		WTRFRVA4	"X'04'" BIT RESERVED FOR SERVICE
		.... ..1.		WTRFRVA5	"X'02'" BIT RESERVED FOR SERVICE
		1		WTRFRVA6	"X'01'" BIT RESERVED FOR SERVICE
1588	(634)	BITSTRING	8	WTRDWSTM	WRITER START TIME (TOD)
		DEFINE THE PARAMETER LIST SPACE FOR IATUX45 0 THIS AREA IS MAPPED VIA IATYUX45. 0 2 lines deleted by PQK0002 0			
1596	(63C)	BITSTRING	1	WTRFUX45	UX45 PARAMETER LIST
		FIELD WTRFJMRA POINTS TO THE JMR AREA THAT IS GET- 0 MAINED IN IATOSFD. IT POINTS TO A BUFFER FOR THE 0 COPIED JMR. UX45JMRA IS USED TO POINT TO THE JMR 0 FOR A PARTICULAR IATUX45 CALL, OR IS 0 IF NOT AVAIL. 0			
1632	(660)	SIGNED	4	WTRFJMRA	JMR BUFFER POINTER FOR UX45 0635

Table 152. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1636	(664)	SIGNED	4	WTRDRSV1(2)	RESERVED FOR DEVELOPMENT 0002
1644	(66C)	SIGNED	4	WTRDRSV2(5)	RESERVED FOR SERVICE
1664	(680)	SIGNED	4	WTRDRSV3	RESERVED FOR USER
		REASON CODES FOR FSS WRITER ABEND DM656 FAILURES			
		1		WTRFSAAC	"X'01'" FSA ALREADY ACTIVE WITH A DIFFERENT WRITER FCT
		.... ..1.		WTRPDQER	"X'02'" ERROR RECREATING THE PDQ FOLLOWING HOTSTART
		11		WTRXFSER	"X'03'" ERROR RETURN CODE FROM IATXFSS TYPE=FSSSTART 0546
		.... .1..		WTRFSSSA	"X'04'" INVALID STAGING AREA RECEIVED FROM FSS
		.... .1.1		WTRFSASA	"X'05'" INVALID STAGING AREA RECEIVED FROM FSA
		.... .11.		WTRSPFSS	"X'06'" ERROR RETURN FROM STOP FSS ORDER
		.... .111		WTRSTFSA	"X'07'" ERROR RETURN FROM START FSA ORDER
		.... 1...		WTRSPFSA	"X'08'" ERROR RETURN FROM STOP FSA ORDER
		.... 1..1		WTRSTDEV	"X'09'" ERROR RETURN FROM START DEVICE ORDER
		.... 1.1.		WTRSPDEV	"X'0A'" ERROR RETURN FROM STOP DEVICE ORDER
		.... 1.11		WTRDMPRQ	"X'0B'" DUMP REQUESTED BY JES3 IN FSS ADDRESS SPACE
		.... 11..		WTRSYNDV	"X'0C'" ERROR RETURN FROM SYNCH #096 ORDER #096
		.... 11.1		WTRSETDV	"X'0D'" ERROR RETURN FROM SET #096 ORDER #096
		.... 111.		WTRFGDSF	"X'0E'" ERROR FOUND BY THE GETDS PROCESSOR DURING PDQ PROCESSING
		 1111		WTRIWFIT	"X'0F'" INVALID WRITER STATE FOR FSA REQUESTED TERMINATION
		...1		WTRNZIOR	"X'10'" NON-ZERO RETURN CODE FOUND IN THE INTERVENTION ORDER RESPONSE AREA BY IATOSFS
		...1 ...1		WTRQURYF	"X'11'" ERROR RETURN FROM QUERY ORDER
		...1 ..1.		WTRGDSST	"X'12'" UNEXPECTED RETURN BY SETUP PROCESSOR DURING GETDS
		...1 ..11		WTRFSNUM	"X'13'" Num of GETDS extensions 0073 is null 0073
		...1 .1..		WTRDSTQ1	"X'14'" UNABLE TO PROCESS STAR - DSTQ NOT AVAILABLE (OSFD)
		...1 .1.1		WTRDSTQ2	"X'15'" UNABLE TO PROCESS STAR - DSTQ NOT AVAILABLE (OSFD)
		...1 .11.		WTRDSTQ3	"X'16'" UNABLE TO DLOCON AFTER RESTART - (OSFD) DSTQ NOT AVAILABLE
		...1 .111		WTRDSTQ4	"X'17'" FSA UNABLE TO DLOCON ON DSTQ NOT AVAILABLE (OSFI)

Table 152. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		THE FOLLOWING REASONS CODES HAVE BEEN USED BY APAR OY38190 FOR RELEASES SP1.3.4 - SP2.2.1 FOR FSS PROCESSING (WHICH TAKES PLACE IN THE ESA RELEASES IN MODULE IATGRFC) AND ARE THEREFORE UNAVAILABLE FOR USE IN ANY FUTURE RELEASES. WTRDSTQ5 EQU X'18' DLOCON FAILURE WTRDSTQ6 EQU X'19' DSQ UNAVAILABLE			
		...1 1.1.		WTRP0FDB	"X'1A'" A ZERO WOSE FDB IN A PDQ HAS BEEN DETECTED WHEN TRYING TO DO A WOSE READ.
		...1 1.11		WTRFENQW	"X'1B'" JESNEWS AENQ count wrong
		...1 11..		WTRNSTAR	"X'1C'" WTRFISET BUT NO STAR PASSED TO OSFS IN WTRFSTAR
		...1 11.1		WTROVSTP	"X'1D'" FSI extn end addr points 0073 beyond the end of SRL 0073
		...1 111.		WTRGDPDQ	"X'1E'" WTRDRSQ zero during PDQ GETDS processing
		SNARJP COMMUNICATION AREA			
1668	(684)	SIGNED	4	WTRSNREC(4)	CURRENT RECORD CHKPT INFO -- THIS INCLUDES TWO M.R SPOOL ADDRESSES & AN OFFSET FIELD (CHNSZ)
1684	(694)	SIGNED	4	WTRSCHSZ	CHAIN SIZE FOR CURR DS
1684	(694)	X'694'	0	WTRSCHFL	"WTRSCHSZ,1" CHAIN SIZE SPEC. FLAG
1684	(694)	X'695'	0	WTRSCHPG	"WTRSCHSZ+1,1" NUM OF 'PAGES' IN SNA CHAIN
1684	(694)	X'696'	0	WTRSCHLN	"WTRSCHSZ+2,1" NUMBER OF LINES IN 'PAGE'
1688	(698)	CHARACTER	8	WTRSFRMS	FORMS REQ'D
1696	(6A0)	CHARACTER	4	WTRSUCSO	TRAIN REQ'D
1700	(6A4)	CHARACTER	8	WTRSFCBO	FCB REQ'D
1708	(6AC)	BITSTRING	8	WTRSCTAB	COMPACTION TBL REQ'D
1716	(6B4)	BITSTRING	1	WTRSCOPY	COPIES REQ'D
1717	(6B5)	BITSTRING	1	WTRSRSVD	RESERVED FOR SNA
1718	(6B6)	BITSTRING	1	WTRSFLG1	PDIR /ERR FLAG
		DEFINITION OF WTRSFLG1			
		1...		WTRSFMH2	"X'80'" WORK STATION SUPPORTS PDIR
		.1..		WTRSSEND	"X'40'" SEND PDIR
		..1.		WTRSPERR	"X'20'" PERMANENT SNA ERROR
		...1		WTRSRERR	"X'10'" RECOVERABLE TRANS. ERROR
		.... 1...		WTRPDIRN	"X'08'" NEED TO SEND PDIR
1719	(6B7)	BITSTRING	1	WTRSFLG2	OSWD SNA FLAG
		DEFINITION OF WTRSFLG2			
		1...		WTRSNXDS	"X'80'" NEW DS DETECTED
		.1..		WTRSRSRT	"X'40'" DS IS BEING RESTARTED
		..1.		WTRSFOCO	"X'20'" FIRST OF CHAIN - WTR TAKES CHKPT
		...1		WTRSCHKT	"X'10'" WTR TAKES CHKPTS ONLY ON FIRST OF CHAIN
		.... ..1.		WTRSSDEV	"X'02'" WTR HAS SNA DEVICE

Table 152. Structure WTRDSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
1720	(6B8)	BITSTRING	1	WTRSFLG3	SERVICE ROUTINE COMM. FLAG
		DEFINITION OF WTRSFLG3			
		1...		WTRSMSGM	"X'80'" MODIFY OSMP RESPONSE MSG
		.1..		WTRSPFCB	"X'40'" IATXOSP IS FOR FCB LOAD
		..1.		WTRSLDEN	"X'20'" LINE DENSITY REQUEST (SNA)
		...1		WTRSSUSP	"X'10'" SESS. WAS SUSPENDED (OSMP)
		.... 1...		WTRSDSOP	"X'08'" PDIR HAS BEEN SENT FOR DS
1724	(6BC)	SIGNED	4	(0)	
1724	(6BC)	SIGNED	4	WTRSRSV1(5)	RESERVED FOR SNA DEV
1744	(6D0)	SIGNED	4	WTRSRECN	SAVE AREA FOR JOB LINE CNT
1748	(6D4)	SIGNED	4	WTRSRSV2(4)	RESERVED FOR SNA SERVICE
1764	(6E4)	SIGNED	4	WTRSRSV3	RESERVED FOR USER

Table 153. Structure IATODPN

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

		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
36	(24)	SIGNED	2		PAD
		OUTPUT CCWS, ECB, AND IOB ARE DEFINED IN IATYWTRX. THE WRITER CSECT AND ITS EXTENSION MUST BE LOADED AT THE SAME TIME. THE WTR EXTENSION HAS TO BE BELOW 16M AND ITS ADDRESS MUST BE STORED IN WTROWTRX AND ITS JDE ADDRESS STORED IN WTROCDEP.			
38	(26)	BITSTRING	1	WTROCOD1	Post code previous to last
39	(27)	BITSTRING	1	WTROCOD2	Last post code
40	(28)	ADDRESS	4	WTROSRES(2)	RESERVED FOR SERVICE
48	(30)	SIGNED	4	WTROREGS(11)	REGISTER SAVE AREA
92	(5C)	SIGNED	4	WTROREG0	REG 0 ON ENTRY TO IATXOSOO
96	(60)	SIGNED	4	WTROREG1	REG 1 ON ENTRY TO IATXOSOO
100	(64)	SIGNED	4	WTRORETN	REGISTER SAVE AREA
104	(68)	BITSTRING	1	WTROFLG1	FLAG BYTE 1
		DEFINITION OF WTROFLG1			
		1...		WTROOVER	"X'80'" OVERFLOW ON CHANNEL 12
		.1..		WTROINT	"X'40'" INTERPRET PUNCH OUTPUT
		..1.		WTROINTP	"X'20'" PUNCH HAS PRINT FEATURE

Table 153. Structure IATODPN (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		...1		WTROINTM	"X'10'" MULTI-LINE PR OR EJECT REQ
		.... 1...		WTROASA	"X'08'" ASA CONTROL CHARACTERS
		.... .1..		WTROMCH	"X'04'" MACHINE CONTROL CHARS
		.... ..1.		WTROSPC2	"X'02'" FORCE DOUBLE SPACE
		1		WTROSPC1	"X'01'" FORCE SINGLE SPACE
105	(69)	BITSTRING	1	WTROFLG2	FLAG BYTE 2
		DEFINITION OF WTROFLG2			
		1...		WTROEJRQ	"X'80'" EJECT REQUIRED
		.1..		WTROEJDN	"X'40'" EJECT DONE
		..1.		WTROSREC	"X'20'" SHORT RECORD FLAG
		...1		WTROSPLT	"X'10'" SPLIT RECORD FLAG
		.... 1...		WTROTRNC	"X'08'" TRUNCATE CCW STRING
		.... .1..		WTRODVOP	"X'04'" OUTPUT DEVICE OPEN
		.... ..1.		WTROEXCP	"X'02'" EXCP LEVEL OUTPUT
		1		WTROERSE	"X'01'" ERROR ROUTINE SECOND ENTRY
106	(6A)	BITSTRING	1	WTROFLG3	FLAG BYTE 3
		DEFINITION OF WTROFLG3			
107	(6B)	BITSTRING	1	WTROFLG4	FLAG BYTE 4
		DEFINITION OF WTROFLG4			
		1...		WTROF480	"X'80'" RESERVED FLAG BIT
		.1..		WTROSIOR	"X'40'" STARTIO REQUIRED
		..1.		WTROBTS	"X'20'" EOT CCW REQ'D 3800 $$$$
		...1		WTROJHDR	"X'10'" JOB HEADER PROCESSED $$$$
108	(6C)	SIGNED	4	WTROPREV	ADDRESS OF PREVIOUS AREA
112	(70)	SIGNED	4	WTRORTR1	REG 1 RETURN VALUE
		IN EACH OF THE FOLLOWING TWO DEFINED BYTES, THERE IS ONE BIT FOR EACH OF THE EIGHT OUTPUT CHANNEL PROGRAM SEGMENT AREAS.			
112	(70)	X'71'	0	WTROMASK	"WTRORTR1+1,1" HOLD FLAGS. A BIT BEING ON MEANS THE CCWS IN THE COR-RESPONDING AREA MAY POINT INTO AN INPUT BUFFER THAT MUST BE HELD.
112	(70)	X'73'	0	WTROCMPL	"WTRORTR1+3,1" COMPLETE FLAGS. A BIT BEING ON MEANS NO CCWS IN THE COR-RESPONDING AREA POINT INTO AN INPUT BUFFER
116	(74)	BITSTRING	1	WTROLOPJ	LAST SELECT OP CODE ISSUED
117	(75)	BITSTRING	1	WTRONOPJ	NEXT SELECT OP CODE
118	(76)	BITSTRING	1	WTROOPTJ	USER XLATE SELECT BYTE
119	(77)	BITSTRING	1	WTROKEY	KEY SAVE AREA
120	(78)	BITSTRING	1	WTROCLSM	DEVICE CLOSE STATUS
121	(79)	BITSTRING	1	WTROPREC	IATOSPR error count 02773SLA
122	(7A)	BITSTRING	2	WTRORSV1	Reserved for IBM 02773SLC
124	(7C)	SIGNED	4	WTROEOC	BUILD AREA FOR EXECUTE ORDER
124	(7C)	X'7F'	0	WTROORTP	"WTROEOC+3,1" TYPE OF ORDER

Table 153. Structure IATODPN (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
128	(80)	SIGNED	4	WTRORSVS(5)	RESERVED FOR SERVICE
148	(94)	SIGNED	4	WTRORSVD(5)	RESERVED FOR DEVELOPMENT
168	(A8)	SIGNED	4	(6)	PATCH AREA
192	(C0)	SIGNED	4	WTROUSER(5)	RESERVED FOR USER

Table 154. 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
		.1..		SRBLLHLD	"X'40'" LOCAL LOCK HELD
		..1.		SRBFRREQ	"X'20'" FRR REQUESTED

Table 154. Structure SRBSECT (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		...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 155. 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

Table 155. Structure IOSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..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.

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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

Table 155. Structure IOSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..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
		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

Table 155. Structure IOSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
				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
		...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

Table 155. Structure IOSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		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.
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).

Table 155. Structure IOSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		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.

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.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.
		.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

Table 155. Structure IOSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.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.

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
14	(E)	BITSTRING	1	IOSOPT	Options byte
15	(F)	BITSTRING	1	IOSOPT2	Second option byte

-------IOSOPT--bit-definitions---

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		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.
		.... 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.

Table 155. Structure IOSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		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).

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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

Table 155. Structure IOSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		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
		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

Table 155. Structure IOSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		...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.
		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.

Table 155. Structure IOSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
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	
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

Table 155. Structure IOSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		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.
		..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.

Table 155. Structure IOSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		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 156. Structure IOSB

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IOSB	BASE IOSB
		DIE WORK AREA			
108	(6C)	SIGNED	4	WTROACWA	POINTER TO ACTIVE CCW AREA (OLDEST ONE NOT KNOWN TO HAVE COMPLETED)
112	(70)	ADDRESS	4	WTROECBI	ADDRESS OF I/O ECB
116	(74)	ADDRESS	4	WTROODPX	ADDRESS OF WRITER EXTENSION
120	(78)	ADDRESS	4	WTROECBJ	ADDRESS OF JES3 ECB
124	(7C)	BITSTRING	1	WTRRSVS4	RESERVED FOR SERVICE PNN0193 1
125	(7D)	BITSTRING	2	WTRRSVD4	RESERVED FOR DEVELOPMENT 0193
127	(7F)	BITSTRING	1	WTROFRRF	FRR FLAGS
		DEFINITION OF WTROFRRF			
		1...		WTROFRRE	"X'80'" ERROR ENTRY TO FRR ROUTINE
128	(80)	SIGNED	4	WTRODIEF	SWAP FIELD
128	(80)	X'80'	0	WTROFLGS	"WTRODIEF,1" FLAG BYTE
		DEFINITION OF WTROFLGS			
		1...		WTROPREQ	"X'80'" POST REQUIRED
		.1..		WTROPSCH	"X'40'" POST SRB SCHEDULED
		..1.		WTROEJOP	"X'20'" SKIP TO CH 1 ON UNIT EXCEP
		...1		WTROSTKD	"X'10'" A PAGE REPRESENTED BY A PPQ ENTRY REACHED THE STACKER
		.... 1...		WTROTRFD	"X'08'" A JOB START HAS REACHED THE TRANSFER STATION (3800)
		.... ..1.		WTRONNID	"X'02'" WTRONXTS NEEDS NEW IDENTIFER BECAUSE NO UNSTACKED PPQ ENTRY HAS A NEW IDENTIFIER
		1		WTRONJID	"X'01'" WTRONXTT HAS INVALID VALUE

Table 156. Structure IOSB (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		IF A BIT IN WTROMSK IS ON, THE CORRESPONDING CCW SEGMENT AREA HAS COMPLETED EXECUTION. ALL ARE TURNED OFF AT THE END OF EACH PUT.			
128	(80) X'81'		0	WTROMSK	"WTRODIEF+1" COMPLETED CCW AREA MASK BITS
136	(88) DBL WORD		8	WTROCSWS	CSW SAVE AREA
144	(90) SIGNED		4	WTROSAVE(12)	REGISTER SAVE AREA
192	(C0) DBL WORD		8	(0)	ALLIGNMENT
		SRB FOR I/O			
192	(C0) CHARACTER		44	WTROSRB1	
236	(EC) SIGNED		2	WTRONXTS	NEXT PAGE IDENTIFIER EXPECTED TO REACH STACKER
238	(EE) SIGNED		2	WTRONXTT	NEXT PAGE IDENTIFIER FOR JOB BEGINNING & HAS NOT REACHED TRANSFER STATION VALID ONLY IF WTROJMP=1
240	(F0) DBL WORD		8	(0)	ALIGNMENT
		POST SRB			
240	(F0) CHARACTER		48	WTROSRB2	
288	(120) DBL WORD		8	(0)	ALIGNMENT
		ERP SENSE DATA			
288	(120) BITSTRING		24	WTROSNS	PRINTER SENSE BYTES
288	(120) BITSTRING		1	WTROSN00	SENSE BYTE 0 2843
289	(121) BITSTRING		1	WTROSN01	SENSE BYTE 1 2843
290	(122) BITSTRING		1	WTROSNS2	SENSE BYTE 2 2843
291	(123) BITSTRING		1	WTROSNS3	SENSE BYTE 3
	1...			WTROREDY	"X'80'" PPS - INTV NO LONGER REQ'D
	.... 1...			WTROJAM	"X'08'" 3800 LOST DATA BIT
292	(124) BITSTRING		1	WTROSNS4	SENSE BYTE 4
	.1..			WTROBEMP	"X'40'" 3800 PAGE BUFFER EMPTY
308	(134) SIGNED		2	WTROJMCT	3800 LOST PAGE COUNT
312	(138) ADDRESS		4	WTROSUPO	SUPUNITS ADDRESS FOR DIE #100
316	(13C) BITSTRING		1	WTROODND(0)	END OF AREA
316	(13C) X'13C'		0	WTROODSZ	"*-IOSB" SIZE OF AREA

Table 157. Cross Reference for IATYWTR4

Name	Offset	Hex Tag
IATODPN	0	
IATXOSCI	4D8	
IATXOSCO	4C8	
IATXOSG	4D4	
IATXOSOI	4D0	
IATXOSOO	4C0	
IATXOSP	4C4	
IOSA	F	10

Table 157. Cross Reference for IATYWTR4 (continued)

Name	Offset	Hex Tag
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
IOSBEXTF	5	1

Table 157. Cross Reference for IATYWTR4 (continued)

Name	Offset	Hex Tag
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	
IOSDSUC	18	2

Table 157. Cross Reference for IATYWTR4 (continued)

Name	Offset	Hex Tag
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
IOSIOPID	24	

Table 157. Cross Reference for IATYWTR4 (continued)

Name	Offset	Hex Tag
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
IOSNORWS	2	8

Table 157. Cross Reference for IATYWTR4 (continued)

Name	Offset	Hex Tag
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	
IOSSKH2	6A	

Table 157. Cross Reference for IATYWTR4 (continued)

Name	Offset	Hex Tag
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
IOS2CSWS	2	4

Table 157. Cross Reference for IATYWTR4 (continued)

Name	Offset	Hex Tag
M00M0006	0	280
SRB	0	
SRBASCB	8	
SRBASC24	9	
SRBBLK24	27	20
SRBCPAFF	C	
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	

Table 157. Cross Reference for IATYWTR4 (continued)

Name	Offset	Hex Tag
SRBXESF	27	10
SRB1STS	27	8
WTRCIMPL	F0	40404040
WTRCRDS	4B8	0
WTRDAREA	4E0	
WTRDATE	478	0
WTRDCCDB	2C	
WTRDCDEP	4DC	
WTRDCFLG	EA	0
WTRDCLR	4CC	
WTRDCMDQ	628	80
WTRDCRVS	EA	80
WTRDCTAD	538	
WTRDCTPG	620	0
WTRDCUPG	61C	0
WTRDDCDB	8C	
WTRDDIAG	51C	
WTRDDSER	520	
WTRDDSN	5C4	40404040
WTRDDSNF	105	
WTRDDSNL	104	
WTRDFAIL	4A4	
WTRDFDJN	528	
WTRDFLGI	49B	0
WTRDFLGO	45C	0
WTRDFSA	54E	0
WTRDFSID	54C	
WTRDFSS	54C	0
WTRDIARE	4F0	
WTRDICDE	4EC	
WTRDIDDN	488	40404040
WTRDIDEV	498	404040
WTRDIMOD	497	0
WTRDINAM	4F4	40404040
WTRDINTS	4B0	
WTRDINTV	EC	40
WTRDINVO	102	80
WTRDISTY	493	40404040
WTRDITYP	490	404040
WTRDJDST	62F	40
WTRDJFLG	62F	70
WTRDJFLS	62F	20
WTRDJFRM	62F	10
WTRDJID	5E4	40404040
WTRDJNAM	5DC	40404040
WTRDLDCM	102	20

Table 157. Cross Reference for IATYWTR4 (continued)

Name	Offset	Hex Tag
WTRDLDST	102	10
WTRDLFCB	102	1
WTRDLFLS	102	8
WTRDLFRM	102	4
WTRDLGCR	540	
WTRDLMRC	102	80
WTRDLMSG	102	40
WTRDLOCN	631	10
WTRDLUCS	102	2
WTRDMDDS	514	
WTRDMDD2	518	
WTRDMGAC	534	1
WTRDMGNA	534	0
WTRDMPRQ	680	B
WTRDMSAV	629	0
WTRDMSG	230	
WTRDMSGF	EC	0
WTRDMSGI	2C4	0
WTRDMSGO	3B0	40404040
WTRDMSGP	EC	80
WTRDMSGR	534	
WTRDM731	ED	0
WTRDNAME	508	
WTRDODDN	428	40404040
WTRDODEV	438	40404040
WTRDODV3	438	439
WTRDOFLG	628	1
WTRDOMOD	437	0
WTRDONAM	4E4	40404040
WTRDOSTY	433	40404040
WTRDOTOK	18F	F0404040
WTRDOTYP	430	404040
WTRDPFLG	102	0
WTRDPGCT	4BC	0
WTRDPPSR	530	
WTRDPSTF	628	0
WTRDQMSG	504	
WTRDRCDS	4B4	0
WTRDRCER	628	4
WTRDRFOR	500	
WTRDRLJN	52C	
WTRDRSQ	5EC	
WTRDRSV1	664	0
WTRDRSV2	66C	0
WTRDRSV3	680	0
WTRDRSV5	4AC	0

Table 157. Cross Reference for IATYWTR4 (continued)

Name	Offset	Hex Tag
WTRDRTOK	1DF	F0404040
WTRDSADD	628	8
WTRDSECA	24	
WTRDSECT	0	
WTRDSNAM	524	
WTRDSPRT	628	40
WTRDSTQ1	680	14
WTRDSTQ2	680	15
WTRDSTQ3	680	16
WTRDSTQ4	680	17
WTRDSTUP	50C	
WTRDSUPI	4A8	
WTRDSUPO	484	
WTRDTMEX	EC	20
WTRDTMOT	628	2
WTRDTYPE	430	
WTRDUDST	62F	4
WTRDUFLG	62F	7
WTRDUFLS	62F	2
WTRDUFRM	62F	1
WTRDWAIT	510	
WTRDWSTM	634	0
WTRDXCDB	280	
WTRDXCDB_KEYUSED_CMDIND	2A7	80
WTRDXCDB_XABEND	289	
WTRDXCDB_XABEND_NO	289	40
WTRDXCDB_XABEND_YES	289	80
WTRDXCDB_XCART	2AC	
WTRDXCDB_XCMDIND_NO	2A6	40
WTRDXCDB_XCMDIND_YES	2A6	80
WTRDXCDB_XCNDB	28C	
WTRDXCDB_XCONSID	29C	
WTRDXCDB_XCONSNM	298	
WTRDXCDB_XEYECATCH	281	
WTRDXCDB_XFLAG1	287	
WTRDXCDB_XFLAG2	2A6	
WTRDXCDB_XINCNDB	294	
WTRDXCDB_XKEYS	2A7	
WTRDXCDB_XOPERATION_EXTRACTCART	0	10
WTRDXCDB_XOPERATION_EXTRACTCONSID	287	100
WTRDXCDB_XOPERATION_EXTRACTCONSNAME	287	80
WTRDXCDB_XOPERATION_EXTRACTCONSTYPE	0	40
WTRDXCDB_XOPERATION_EXTRACTROUT	0	20
WTRDXCDB_XOPERATION_INITIALIZE	287	8000
WTRDXCDB_XOPERATION_RESET	287	1000
WTRDXCDB_XOPERATION_TRANSCONSID	287	400

Table 157. Cross Reference for IATYWTR4 (continued)

Name	Offset	Hex Tag
WTRDXCDB_XOPERATION_TRANSFER	287	4000
WTRDXCDB_XOPERATION_TRANSROUT	287	200
WTRDXCDB_XOPERATION_UPDATE	287	2000
WTRDXCDB_XOPERATION_VERIFY	287	800
WTRDXCDB_XOUTCART	2BC	
WTRDXCDB_XOUTCNDB	290	
WTRDXCDB_XOUTCONSID	2A0	
WTRDXCDB_XOUTCONSNAME	2B0	
WTRDXCDB_XOUTCONSTYPE	2B4	
WTRDXCDB_XOUTROUT	2B8	
WTRDXCDB_XROUT	2A8	
WTRDXCDB_XRSV001	28B	
WTRDXCDB_XRSV002	2A4	
WTRDXCDB_XUSERADDR	28A	
WTRDXCDB_XVERSION	280	
WTRDXCDBL	2BC	40
WTRDYNAM	5F0	C4E8D5C1
WTRENFDS	49B	40
WTRENTNM	131	
WTRFCKAL	631	20
WTRFCLPI	631	4
WTRFCLR	5C3	4
WTRFCPER	4CC	4CC
WTRFCPIP	631	2
WTRFDCPI	5C3	80
WTRFDOSU	5C3	1
WTRFDRET	5C2	8
WTRFDSAD	5F8	
WTRFDSUP	5C2	4
WTRFDUMP	5C1	2
WTRFDVRS	5C2	1
WTRFENQ	184	
WTRFENQW	680	1B
WTRFFAIL	5C3	2
WTRFFIT	631	80
WTRFFLGA	633	0
WTRFFLG1	5C0	0
WTRFFLG2	5C1	0
WTRFFLG3	5C2	0
WTRFFLG4	5C3	0
WTRFFLG5	62E	0
WTRFFLG6	62F	0
WTRFFLG7	630	0
WTRFFLG8	631	0
WTRFFLG9	632	0
WTRFFRIP	62E	10

Table 157. Cross Reference for IATYWTR4 (continued)

Name	Offset	Hex Tag
WTRFFSA	5C0	20
WTRFFSAA	5C0	8
WTRFFSRC	5C1	20
WTRFFSS	5C0	40
WTRFFSSA	5C0	10
WTRFGDEP	4EC	
WTRFGDRN	574	0
WTRFGDSF	680	E
WTRFGRCM	630	40
WTRFGTRL	5C2	80
WTRFINEP	4E4	
WTRFINZ0	631	40
WTRFISET	5C1	40
WTRFIWTO	631	8
WTRFJMRA	660	0
WTRFJNDS	5C3	10
WTRFJNNX	5C3	8
WTRFJOSL	62E	8
WTRFJTRL	5C3	20
WTRFMANU	630	80
WTRFMFSS	5C0	80
WTRFMID	558	40404040
WTRFMPAD	568	
WTRFMPDL	5C1	80
WTRFMPER	5C0	2
WTRFNCKP	5C0	1
WTRFNDMP	632	4
WTRFNEWS	633	40
WTRFOSDP	631	1
WTRFPDQC	604	
WTRFPDQF	5FC	
WTRFPDQL	600	
WTRFPDQS	60C	
WTRFPORQ	5C1	4
WTRFPRIM	630	10
WTRFQREQ	62E	2
WTRFQUET	632	40
WTRFRCFM	575	0
WTRFRCUR	5C1	1
WTRFRDEP	4F0	
WTRFRECL	576	0
WTRFRESP	5C0	4
WTRFRLTM	633	20
WTRFRSCD	5C3	40
WTRFRSTR	62E	80
WTRFRSVD	590	

Table 157. Cross Reference for IATYWTR4 (continued)

Name	Offset	Hex Tag
WTRFRSVS	59C	
WTRFRSVU	5AC	
WTRFRSVX	608	
WTRFRSV1	4DC	
WTRFRTMI	633	10
WTRFRVA3	633	8
WTRFRVA4	633	4
WTRFRVA5	633	2
WTRFRVA6	633	1
WTRFSAAC	680	1
WTRFSAAD	564	
WTRFSABN	630	4
WTRFSAFL	53C	
WTRFSARS	5C2	2
WTRFSASA	680	5
WTRFSATM	630	8
WTRFSDDN	62E	1
WTRFSEET	632	80
WTRFSETE	4E0	
WTRFSMSG	5C2	10
WTRFSNUM	680	13
WTRFSRS	62E	4
WTRFSSAD	560	
WTRFSSNM	550	40404040
WTRFSSSA	680	4
WTRFSTAR	56C	0
WTRFSTAT	EC	1
WTRFSTRS	62E	40
WTRFSVAL	5C2	20
WTRFSV10	570	0
WTRFSWRK	58C	
WTRFSYET	632	20
WTRFSYWM	588	
WTRFSYWT	62E	20
WTRFTEEP	4F4	
WTRFTREQ	5C2	40
WTRFUIR	5C1	10
WTRFUX45	63C	0
WTRFVOFF	630	20
WTRFWOSU	62B	0
WTRFWUAL	632	1
WTRF0FDB	633	80
WTRF3MSG	598	
WTRGDPDQ	680	1E
WTRGDSST	680	12
WTRICKPG	630	2

Table 157. Cross Reference for IATYWTR4 (continued)

Name	Offset	Hex Tag
WTRICKSC	630	1
WTRICURR	624	0
WTRIDLES	188	0
WTRIRCUR	EC	10
WTRISTAR	628	10
WTRIWFIT	680	F
WTRI7030	628	20
WTRJPDV	EC	4
WTRJTRNX	632	8
WTRLNTRN	EC	2
WTRMPEPT	4FC	
WTRNOACT	632	10
WTRNOSPN	62A	0
WTRNSTAR	680	1C
WTRNZIOR	680	10
WTROACWA	6C	
WTROASA	68	8
WTROBEMP	124	40
WTROBTS	6B	20
WTROCDEP	548	
WTROCHK	450	
WTROCHOR	EC	8
WTROCLOS	45C	40
WTROCLSM	78	0
WTROCMPL	70	73
WTROCOD1	26	0
WTROCOD2	27	0
WTROCONS	45C	8
WTROCOPY	450	0
WTROCSWS	88	
WTRODIEF	80	
WTRODS	45C	4
WTRODVOP	69	4
WTROECBI	70	
WTROECBJ	78	
WTROEJDN	69	40
WTROEJOP	80	20
WTROEJRQ	69	80
WTROEOC	7C	
WTROERSE	69	1
WTROEXCP	69	2
WTROFLGS	80	80
WTROFLG1	68	0
WTROFLG2	69	0
WTROFLG3	6A	0
WTROFLG4	6B	0

Table 157. Cross Reference for IATYWTR4 (continued)

Name	Offset	Hex Tag
WTROFRRE	7F	80
WTROFRRF	7F	
WTROF480	6B	80
WTROINT	68	40
WTROINTM	68	10
WTROINTP	68	20
WTROJAM	123	8
WTROJHDR	6B	10
WTROJMCT	134	
WTROKEY	77	0
WTROLBL	45C	10
WTROLGSL	166	
WTROLGST	167	
WTROLIST	45C	1
WTROLOPJ	74	0
WTROLRCL	626	0
WTROMASK	70	71
WTROMCH	68	4
WTROMSK	80	81
WTRONJID	80	1
WTRONNID	80	2
WTRONNP	45C	1
WTRONOPJ	75	47
WTRONXTS	EC	
WTRONXTT	EE	
WTROODND	13C	
WTROODPX	74	
WTROODSZ	13C	13C
WTROOPTJ	76	0
WTROORTP	7C	7F
WTROOVER	68	80
WTROPAGE	458	0
WTROPPQF	610	
WTROPPQL	618	
WTROPPQN	614	
WTROPREC	79	0
WTROPREQ	80	80
WTROPREV	6C	0
WTROPSCH	80	40
WTROREAL	45C	20
WTROREC	454	0
WTROREDY	123	80
WTROREG	45C	2
WTROREGS	30	0
WTROREG0	5C	0
WTROREG1	60	0

Table 157. Cross Reference for IATYWTR4 (continued)

Name	Offset	Hex Tag
WTRORETN	64	0
WTRORJCT	45C	80
WTRORSVD	94	0
WTRORSVS	80	0
WTRORSV1	7A	0
WTRORTR1	70	0
WTROSAVE	90	
WTROSIOR	6B	40
WTROSNS	120	
WTROSNS2	122	
WTROSNS3	123	
WTROSNS4	124	
WTROSN00	120	
WTROSN01	121	
WTROSPC1	68	1
WTROSPC2	68	2
WTROSPLT	69	10
WTROSRB1	C0	
WTROSRB2	F0	
WTROSREC	69	20
WTROSRES	28	
WTROSTKD	80	10
WTROSUPO	138	
WTROTRFD	80	8
WTROTRNC	69	8
WTROTRUN	45C	20
WTROUSER	C0	0
WTROVOL	45C	8
WTROVSTP	680	1D
WTROWTRX	544	
WTRPDIRN	6B6	8
WTRPDQER	680	2
WTRPSSCA	180	
WTRP0FDB	680	1A
WTRQURYF	680	11
WTRRSVD0	EB	0
WTRRSVD1	4A2	0
WTRRSVD4	7D	
WTRRSVD6	578	
WTRRSVD8	18C	
WTRRSVD9	45D	
WTRRSVS0	EE	0
WTRRSVS1	2C0	0
WTRRSVS2	22F	0
WTRRSVS4	7C	
WTRSAFOK	103	40

Table 157. Cross Reference for IATYWTR4 (continued)

Name	Offset	Hex Tag
WTRSCFLG	103	0
WTRSCGMN	103	80
WTRSCHFL	694	694
WTRSCHKT	6B7	10
WTRSCHLN	694	696
WTRSCHPG	694	695
WTRSCHSZ	694	0
WTRSCOPY	6B4	0
WTRSCTAB	6AC	0
WTRSDSOP	6B8	8
WTRSECPT	28	
WTRSETDV	680	D
WTRSFCBO	6A4	40404040
WTRSFLG1	6B6	0
WTRSFLG2	6B7	0
WTRSFLG3	6B8	0
WTRSFMH2	6B6	80
WTRSFOCO	6B7	20
WTRSFRMS	698	40404040
WTRSLDEN	6B8	20
WTRSMSGM	6B8	80
WTRSNREC	684	0
WTRSNXDS	6B7	80
WTRSPAN	62A	80
WTRSPDEV	680	A
WTRSPERR	6B6	20
WTRSPFCB	6B8	40
WTRSPFIR	62A	C0
WTRSPFLG	62A	0
WTRSPFSA	680	8
WTRSPFSS	680	6
WTRSPLST	62A	A0
WTRSPNTH	62A	80
WTRSPPAD	5A8	
WTRSRECN	6D0	0
WTRSRERR	6B6	10
WTRSRLN	62C	0
WTRSRSRT	6B7	40
WTRSRSVD	6B5	0
WTRSRSV1	6BC	0
WTRSRSV2	6D4	0
WTRSRSV3	6E4	0
WTRSSDEV	6B7	2
WTRSSEND	6B6	40
WTRSSUSP	6B8	10
WTRSTACC	49B	80

Table 157. Cross Reference for IATYWTR4 (continued)

Name	Offset	Hex Tag
WTRSTART	0	
WTRSTDEV	680	9
WTRSTFSA	680	7
WTRSUCSO	6A0	40404040
WTRSWBF	460	0
WTRSWBN	46C	0
WTRSWBP	468	0
WTRSWBSZ	46E	0
WTRSYNDV	680	C
WTRTIME	470	40404040
WTRTUSID	47C	40404040
WTRT7008	F8	C4E240C9
WTRWOSER	49B	20
WTRWSPUP	632	2
WTRXCPDS	580	
WTRXFSER	680	3
WTRXLMSD	584	
WTRXOSEN	43C	

IATYXPR information

IATYXPR programming interface information

IATYXPR is a programming interface.

IATYXPR heading information

Common name:	XPRT WORK AREA
Macro ID:	IATYXPR
DSECT name:	IATYXPR
Owning component:	JES3 (SC1BA)
Eye-catcher ID:	None
Storage attributes:	Main Storage: Determined by the callers of the IATXPRT routine Auxiliary Storage: N/A
Size:	309 Bytes
Created by:	The callers of the IATXPRT routine
Pointed to by:	Reg 1 when passed as a parameter to the IATXPRT routine
Serialization:	NONE
Function:	IATXPRT SERVICE INSTRUCTION WRITERS.

IATYXPR mapping

Table 158. Structure IATYXPR

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0	IATYXPR	
0	(0)	CHARACTER	8	XPRTABID	- TABLE ID

Table 158. Structure IATYXPR (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
8	(8)	SIGNED	4	XPRDATA	- DATA PTR
12	(C)	CHARACTER	8	XPRID1	- ID1 SAVE
20	(14)	CHARACTER	8	XPRID2	- ID2 SAVE
28	(1C)	CHARACTER	8	XPRID3	- ID3 SAVE
36	(24)	CHARACTER	8	XPRID4	- ID4 SAVE
44	(2C)	SIGNED	4	XPRIDC1	4 IDC1 SAVE
48	(30)	SIGNED	4	XPRIDC2	- IDC2 SAVE
52	(34)	SIGNED	4	XPRIDC3	- IDC3 SAVE
56	(38)	SIGNED	4	XPRIDC4	- IDC4 SAVE
60	(3C)	SIGNED	4	XPRREG0	- REG 0 SAVE
64	(40)	SIGNED	4	XPRREG1	- REG 1 SAVE
68	(44)	SIGNED	4	XPRREG2	- REG 2 SAVE
68	(44)	X'44'	0	XPRR2HI	"XPRREG2,1" MAP R2 HI-ORDER BYTE
68	(44)	X'45'	0	XPRR2B2	"XPRREG2+1,1" Map byte 2 of register 2
68	(44)	X'46'	0	XPRR2B3	"XPRREG2+2,1" Map byte 3 of register 2
68	(44)	X'47'	0	XPRR2LO	"XPRREG2+3,1" MAP R2 LO-ORDER BYTE
72	(48)	SIGNED	2	XPRSIZ	- DATA SIZE
74	(4A)	BITSTRING	1	XPRFLAG1	- FLAG1
		DEFINITION OF XPRFLAG1			
		1...		XPRUOPEN	"X'80'" - USER OPENED THE DATASET
		.1..		XPRCBPRT	"X'40'" - CBPRINT FILE
		..1.		XPRORESQ	"X'20'" Opened with an RQ
75	(4B)	BITSTRING	1	XPRFLAG2	- FLAG2
		DEFINITION OF XPRFLAG2			
		1...		XPRTIME	"X'80'" - TIME WAS SPECIFIED
76	(4C)	SIGNED	4	XPRRESQ	- RESQ SAVE
80	(50)	SIGNED	4	XPRFDB	- FDB SAVE
84	(54)	SIGNED	4	XPRJRCB	- RCB SAVE
88	(58)	SIGNED	4	XPRWORK	- WORK AREA
92	(5C)	SIGNED	4	XPRNOTE	- NOTE FROM JDS ACCESS
96	(60)	BITSTRING	32	XPRFDB1	FDB IF RESQ SPECIFIED
128	(80)	SIGNED	4	XPRDDNAM	- PTR TO DDNAME
132	(84)	SIGNED	4	XPRLINCT	OUTPUT LINE COUNT
136	(88)	SIGNED	4	XPRRSVDS(3)	RESERVED FOR SERVICE
148	(94)	SIGNED	4	XPRBYTCT	Output byte count
152	(98)	DBL WORD	8	XPRDWRK(2)	DOUBLE WORD WORK AREA
168	(A8)	SIGNED	4	XPRRSVDU(2)	- RESERVED FOR USER
		PRINT LINE FORMAT			
176	(B0)	CHARACTER	133	XPRLINE(0)	
176	(B0)	CHARACTER	1	XPRASA	- ASA CONTROL CHARACTER
177	(B1)	CHARACTER	8	XPRID	- LINE ID

Table 158. Structure IATYXPR (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
185	(B9)	CHARACTER	2	XPRCN1	- BLANK H1
187	(BB)	CHARACTER	8	XPRDISP	- DISPLACEMENT
195	(C3)	CHARACTER	2	XPRCN2	- BLANK #2
197	(C5)	CHARACTER	8	XPRMSG1	- MSG #1
205	(CD)	CHARACTER	1	XPRCN3	- BLANK #3
206	(CE)	CHARACTER	8	XPRMSG2	- MSG #2
214	(D6)	CHARACTER	1	XPRCN4	- BLANK #4
215	(D7)	CHARACTER	8	XPRMSG3	- MSG #3
223	(DF)	CHARACTER	1	XPRCN5	- BLANK #5
224	(E0)	CHARACTER	8	XPRMSG4	- MSG #4
232	(E8)	CHARACTER	2	XPRCN6	- BLANK #6
234	(EA)	CHARACTER	8	XPRMSG5	- MSG #5
242	(F2)	CHARACTER	1	XPRCN7	- BLANK #7
243	(F3)	CHARACTER	8	XPRMSG6	- MSG # 6
251	(FB)	CHARACTER	1	XPRCN8	- BLANK #8
252	(FC)	CHARACTER	8	XPRMSG7	- MSG #7
260	(104)	CHARACTER	1	XPRCN9	- BLANK #9
261	(105)	CHARACTER	8	XPRMSG8	- MSG #8
269	(10D)	CHARACTER	2	XPRCN10	- BLANK #10
271	(10F)	CHARACTER	1	XPRCN11	- ASTERISK #1
272	(110)	CHARACTER	32	XPRTR	- TRANSLATION
304	(130)	CHARACTER	1	XPRCN12	- ASTERISK #2
305	(131)	CHARACTER	4	XPRCN14	- BLANK #11
309	(135)	BITSTRING	1	XPREND(0)	
309	(135)	BITSTRING	1	XPRLSIZ(0)	SIZE OF PRINT LINE

Table 159. Cross Reference for IATYXPR

Name	Offset	Hex Tag
IATYXPR	0	
XPRASA	B0	
XPRBYTCT	94	
XPRCBPRT	4A	40
XPRCN1	B9	
XPRCN10	10D	
XPRCN11	10F	
XPRCN12	130	
XPRCN14	131	
XPRCN2	C3	
XPRCN3	CD	
XPRCN4	D6	
XPRCN5	DF	
XPRCN6	E8	
XPRCN7	F2	
XPRCN8	FB	
XPRCN9	104	

Table 159. Cross Reference for IATYXPR (continued)

Name	Offset	Hex Tag
XPRDATA	8	
XPRDDNAM	80	
XPRDISP	BB	
XPRDWRK	98	
XPREND	135	
XPRFDB	50	
XPRFDB1	60	
XPRFLAG1	4A	
XPRFLAG2	4B	
XPRID	B1	
XPRIDC1	2C	
XPRIDC2	30	
XPRIDC3	34	
XPRIDC4	38	
XPRID1	C	
XPRID2	14	
XPRID3	1C	
XPRID4	24	
XPRJRCB	54	
XPRLINCT	84	
XPRLINE	B0	
XPRLSIZ	135	
XPRMSG1	C5	
XPRMSG2	CE	
XPRMSG3	D7	
XPRMSG4	E0	
XPRMSG5	EA	
XPRMSG6	F3	
XPRMSG7	FC	
XPRMSG8	105	
XPRNOTE	5C	
XPRORESQ	4A	20
XPRREG0	3C	
XPRREG1	40	
XPRREG2	44	
XPRRESQ	4C	
XPRRSVDS	88	
XPRRSVDU	A8	0
XPRR2B2	44	45
XPRR2B3	44	46
XPRR2HI	44	44
XPRR2LO	44	47
XPRSIZ	48	
XPRTABID	0	
XPRTIME	4B	80
XPRTR	110	

Table 159. Cross Reference for IATYXPR (continued)

Name	Offset	Hex Tag
XPRUOPEN	4A	80
XPRWORK	58	

IATY1FB information

IATY1FB heading information

Common name:	System 1FB ABEND Reason Codes
Macro ID:	IATY1FB
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:	Provide equates for the 1FB ABEND code and the reason codes for the ABEND.

IATY1FB mapping

Table 160. Structure

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

> System 1FB ABEND Reason Codes
> 01 Change Activity:
> $TL= J3SYMBOL HJS77A0 140806 RD0AS: z 2.2.0

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	BITSTRING	0	ABEND1FB	"X'1FB'" ABEND 1FB
		1		R1FBCD01	"X'01'" IATDMEB - SVT validation error, SVT block ID (SVTID) is invalid
		.... ..1.		R1FBCD02	"X'02'" Reserved for IATDMEBx 11485TAC 11485TAD
		11		R1FBCD03	"X'03'" IATDMEB - Undefined function code
		.... .1..		R1FBCD04	"X'04'" IATDMEB - GET routine, IATXSIO error return
		.... .1.1		R1FBCD05	"X'05'" IATDMEB3 - Data Management 11485TAC Point routine, IATXSIO 11485TAA error return 11485TAC
		.... .11.		R1FBCD06	"X'06'" IATDMEB3 - SSI Point 11485TAC routine, IATXSIO error 11485TAA return 11485TAC
		.... .111		R1FBCD07	"X'07'" IATDMEB - GET routine, IATXSIO error return
		.... 1...		R1FBCD08	"X'08'" IATDMEB - PUT-Update routine, IATXSIO error return
		.... 1..1		R1FBCD09	"X'09'" IATDMEB - IATDMEBA routine, DAT validation error, DAT address out of range (too low)

Table 160. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.... 1.1.		R1FBCD10	"X'0A'" IATDMEB - IATDMEBA routine, DAT validation error, DAT address out of range (too high)
		.... 1.11		R1FBCD11	"X'0B'" IATDMEBS - IATXSIO error 11485TAC return 11485TAC
		.... 11..		R1FBCD12	"X'0C'" IATDMEB3 - Buffer Check- 11485TAC point routine, IATXUBAL 11485TAA busy return 11485TAC
		.... 11.1		R1FBCD13	"X'0D'" IATDMEBS - IATXUBAL error 11485TAC return 11485TAC
		.... 111.		R1FBCD14	"X'0E'" IATDMEBS - IATXSIO error 11485TAC return 11485TAC
		 1111		R1FBCD15	"X'0F'" IATDMEBS - IATXSIO error 11485TAC return 11485TAC
		...1		R1FBCD16	"X'10'" IATDMEBS - IATXSIO error 11485TAC return 11485TAC
		...1 ...1		R1FBCD17	"X'11'" IATDMEBS - IATXUBAL busy 11485TAC return 11485TAC
		...1 ..1.		R1FBCD18	"X'12'" IATDMEB3 - ENDREQ routine, 11485TAC serialization failure
		...1 ..11		R1FBCD19	"X'13'" IATDMEBS - IATXUBAL busy 11485TAC return 11485TAC
		...1 .1..		R1FBCD20	"X'14'" IATDMEB - UBUFF validation error, DMC block ID (DMCID) is invalid
		...1 .1.1		R1FBCD21	"X'15'" IATDMEB - Data management wait already outstanding
		...1 .11.		R1FBCD22	"X'16'" IATDMEB - SSI wait already outstanding
		...1 .111		R1FBCD23	"X'17'" IATDMEB - IATXSIO error return
		...1 1...		R1FBCD24	"X'18'" IATDMEB - DMC validation error, DMC block ID (DMCID) is invalid
		...1 1..1		R1FBCD25	"X'19'" IATDMEB - DMC validation error, DMC address is out of range (too low)
		...1 1.1.		R1FBCD26	"X'1A'" IATDMEB - DMC validation error, DMC address is out of range (too high)
		...1 1.11		R1FBCD27	"X'1B'" IATDMEB - DAT validation error, DAT block ID (DATID) is invalid
		...1 11..		R1FBCD28	"X'1C'" IATDMEB - DAT validation error, DAT address is out of range (too low)
		...1 11.1		R1FBCD29	"X'1D'" IATDMEB - DAT validation error, DAT address is out of range (too high)
		...1 111.		R1FBCD30	"X'1E'" IATDMEB3 - ENDREQ routine, 11485TAC GETMAIN failure 11485TAC
		...1 1111		R1FBCD31	"X'1F'" IATSICC - Permanent I/O error writing last buffer
		..1.		R1FBCD32	"X'20'" IATDMFR - Failure in IATDMEB channel end routine (IATDMEBS)
		..1. ...1		R1FBCD33	"X'21'" IATDMEBS - Cross memory 11485TAC move (IATXMVXM) error 11485TAA return 11485TAC

Table 160. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1. ..1.		R1FBCD34	"X'22'" IATDMEB - DSS block ID (DSSID) is invalid on entry to IATDMEB
		..1. ..11		R1FBCD35	"X'23'" IATDMEB - DSS validation error, SVT pointer (DSSSVT) is invalid
		..1. .1..		R1FBCD36	"X'24'" IATDMEB - DSB validation error, DSB block ID (DSBID) is invalid
		..1. .1.1		R1FBCD37	"X'25'" IATDMEBS - Error return 11485TAC from UBUF allocation 11485TAA routine 11485TAC
		..1. .11.		R1FBCD38	"X'26'" IATDMEBS - IATXSIO error 11485TAC return 11485TAC
		..1. .111		R1FBCD39	"X'27'" IATDMEB3 - Could not free 11485TAC buffers, bad DSS/DSB
		..1. 1...		R1FBCD40	"X'28'" IATDMEB2 and IATDMEB3 - DAT 11485TAC validation error, DAT 11485TAA address is out of range 11485TAC (too low) 11485TAC
		..1. 1..1		R1FBCD41	"X'29'" IATDMEB2 and IATDMEB3 - DAT 11485TAC validation error, DAT 11485TAA address is out of range 11485TAC (too high) 11485TAC
		..1. 1.1.		R1FBCD42	"X'2A'" IATDMEB3 - ENDREQ routine, 11485TAC SSISERV error (JIB block 11485TAA ID invalid) 11485TAC
		..1. 1.11		R1FBCD43	"X'2B'" IATDMEB3 - ENDREQ routine, 11485TAC error in JDS access 11485TAC
		..1. 11..		R1FBCD44	"X'2C'" IATDMEB - DMC validation error, DMC address is out of range (too low)
		..1. 11.1		R1FBCD45	"X'2D'" IATDMEB - DMC validation error, DMC address is out of range (too high)
		..1. 111.		R1FBCD46	"X'2E'" IATDMEBS - DAT validation 11485TAC error, DAT address is out 11485TAC of range (too low) 11485TAC
		..1. 1111		R1FBCD47	"X'2F'" IATDMEBS - DAT validation 11485TAC error, DAT address is out 11485TAC of range (too high) 11485TAC
		..11		R1FBCD48	"X'30'" IATDMEB - Error return from spool record allocation (IATDMDKR)
		..11 ...1		R1FBCD49	"X'31'" IATDMEB3 - DAT validation 11485TAC error, DAT address is out 11485TAC of range (too low) 11485TAC
		..11 ..1.		R1FBCD50	"X'32'" IATDMEB3 - DAT validation 11485TAC error, DAT address is out 11485TAC of range (too high) 11485TAC
		..11 ..11		R1FBCD51	"X'33'" IATDMEB3 - DAT validation 11485TAC error, DAT block ID 11485TAA (DATID) is invalid 11485TAC
		..11 .1..		R1FBCD52	"X'34'" IATDMEB3 - DAT validation 11485TAC error, DAT address is out 11485TAC of range (too low) 11485TAC
		..11 .1.1		R1FBCD53	"X'35'" IATDMEB3 - DAT validation 11485TAC error, DAT address is out 11485TAC of range (too high) 11485TAC
		..11 .11.		R1FBCD54	"X'36'" IATDMEB3 - DAT validation 11485TAC error, DAT block ID 11485TAA (DATID) is invalid 11485TAC

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Table 160. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..11 .111		R1FBCD55	"X'37'" IATDMEB3 - DAT validation 11485TAC error, DAT address is out 11485TAC of range (too low) 11485TAC
		..11 1...		R1FBCD56	"X'38'" IATDMEB3 - DAT validation 11485TAC error, DAT address is out 11485TAC of range (too high) 11485TAC
		..11 1..1		R1FBCD57	"X'39'" IATDMEB3 - DAT validation 11485TAC error, DAT block ID 11485TAA (DATID) is invalid 11485TAC
		..11 1.1.		R1FBCD58	"X'3A'" IATDMEBS - Error adding DSS 11485TAC to RAB queue during write error retry
		..11 1.11		R1FBCD59	"X'3B'" IATDMEBS - Error adding DSS 11485TAC to RAB queue after IATXSIO processing
		..11 11..		R1FBCD60	"X'3C'" IATDMEBS - Error resetting 11485TAC DSS in routine EBSSD000
		..11 11.1		R1FBCD61	"X'3D'" IATDMEB - Error adding DSS to RAB queue in routine EBSPB000
		..11 111.		R1FBRC3E	"X'3E'" Various modules - DSB 15606T6C failed validation 15606T6A
		..11 1111		R1FBRC3F	"X'3F'" IATDMEB - RPL not provided 15606T6C
		.1..		R1FBCD64	"X'40'" IATDMDM - Invalid ACB on entry to IATDMDM
		.1.. ...1		R1FBCD65	"X'41'" IATDMDM - DSB validation error, DSB block ID (DSBID) invalid
		.1.. ..1.		R1FBCD66	"X'42'" IATDMDM - DSS validation error, DSS block ID (DSSID) invalid
		.1.. ..11		R1FBCD67	"X'43'" IATDMDM - PUT routine, invalid DAT address
		.1.. .1..		R1FBCD68	"X'44'" IATDMDM - PUT routine, invalid buffer pointer
		.1.. .1.1		R1FBCD69	"X'45'" IATDMDM - PUT routine, no room remains in buffer
		.1.. .11.		R1FBCD70	"X'46'" IATDMDM - DAT validation error, DAT address out of range (too low)
		.1.. .111		R1FBCD71	"X'47'" IATDMDM - DAT validation error, DAT adddress out of range (too high)
		.1.. 1...		R1FBCD72	"X'48'" IATDMDM - ENDREQ routine, unsuccessful GETMAIN
		.1.. 1..1		R1FBCD73	"X'49'" IATDMDM - ENDREQ routine, Input Service error
		.1.. 1.1.		R1FBCD74	"X'4A'" IATDMDM - ENDREQ routine, JOBID not returned from Input Service
		.1.. 1.11		R1FBCD75	"X'4B'" IATDMDM - PUT routine, error re-opening INTRDR data set
		.1.. 11..		R1FBCD76	"X'4C'" IATDMDM - PUT ROUTINE, serialization failure
		.1.. 11.1		R1FBCD77	"X'4D'" IATDMDM - GETMAIN failed processing STC request
		.1.. 111.		R1FBCD78	"X'4E'" IATDMDM - Error prcessing SYSIN in-stream data set
		.1.. 1111		R1FBCD79	"X'4F'" IATDMDM - Negative record # generated for RPLRBAR
		.1.1		R1FBCD80	"X'50'" IATSIAD - SSISERV error return

Table 160. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.1.1 ...1		R1FBCD81	"X'51'" IATSIAD - SSISERV error return
		.1.1 ..1.		R1FBCD82	"X'52'" IATSIAD - SSISERV error return, job marked 'delete only'
		.1.1 ..11		R1FBCD83	"X'53'" IATSIAD - SSISERV error return, catastrophic error
		.1.1 .1..		R1FBCD84	"X'54'" IATSIAD - SSISERV error return, bad data sent
		.1.1 .1.1		R1FBCD85	"X'55'" IATSIAD - SSISERV error return, error during PSO unallocation
		.1.1 .11.		R1FBCD86	"X'56'" IATSIAD - SSISERV error return, no job number available
		.1.1 .111		R1FBCD87	"X'57'" IATSIAD - SSISERV error return
		.1.1 1...		R1FBCD88	"X'58'" IATSIAD - SSISERV error return
		.1.1 1..1		R1FBCD89	"X'59'" Reserved for IATSIAD 11957S5C 11957S5D
		.1.1 1.1.		R1FBCD90	"X'5A'" IATSIAD - Non-alphanumeric sysout class allocation
		.1.1 1.11		R1FBCD91	"X'5B'" Reserved for IATSIAD
		.1.1 11..		R1FBCD92	"X'5C'" Reserved for IATSIAD
		.1.1 11.1		R1FBCD93	"X'5D'" Reserved for IATSIAD
		.1.1 111.		R1FBCD94	"X'5E'" Reserved for IATSIAD
		.1.1 1111		R1FBCD95	"X'5F'" Reserved for IATSIAD
		.11.		R1FBCD96	"X'60'" IATSIOR - OPEN serialization failure
		.11. ...1		R1FBCD97	"X'61'" IATSIOR - OPEN serialization failure
		.11. ..1.		R1FBCD98	"X'62'" IATSIOR - ORT not available
		.11. ..11		R1FBCD99	"X'63'" IATSIOR - ORT not available
		.11. .1..		R1FBC100	"X'64'" IATSIOR - Error return from IATSIOD
		.11. .1.1		R1FBC101	"X'65'" IATSIOR - User writer name not specified
		.11. .11.		R1FBC102	"X'66'" IATSIOR - SSISERV error return, job marked 'delete-only'
		.11. .111		R1FBC103	"X'67'" IATSIOR - SSISERV error return, catastrophic error
		.11. 1...		R1FBC104	"X'68'" IATSIOR - SSISERV error return, no JDS found
		.11. 1..1		R1FBC105	"X'69'" IATSIOR - SSISERV error return, job number not available
		.11. 1.1.		R1FBC106	"X'6A'" IATSIOR - BUSY return taken from buffer allocation rtn
		.11. 1.11		R1FBC107	"X'6B'" IATSIOR - Error adding DSS to RAB queue after open error
		.11. 11..		R1FBC108	"X'6C'" IATSIOR - SSISERV error 0097 job marked 'delete-only' 0097
		.11. 11.1		R1FBC109	"X'6D'" IATSIOR - OPEN serialization failure
		.11. 111.		R1FBC110	"X'6E'" IATSIOR - OSE buffer number overflow
		.111		R1FBC112	"X'70'" IATSICC - SSISERV error return, job marked 'delete-only'

Table 160. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		.111 ...1		R1FBC113	"X'71'" IATSICC - SSISERV error return, processing INTRDR job
		.111 ..1.		R1FBC114	"X'72'" IATSICC - SSISERV error return, catastrophic error
		.111 ..11		R1FBC115	"X'73'" IATSICC - SSISERV error return, bad data sent
		.111 .1..		R1FBC116	"X'74'" IATSICC - SSISERV error return, job number not available
		.111 .1.1		R1FBC117	"X'75'" IATSICC - CLOSE serialization failure
		.111 .11.		R1FBC118	"X'76'" IATSICC - PUT serialization failure
		.111 .111		R1FBC119	"X'77'" IATSICC - IAZSYMBL returned with an error code
		.111 1...		R1FBC120	"X'78'" IATSICC - IATXJSM returned with an error code
		.111 1..1		R1FBC121	"X'79'" IATSICC - Close INTRDR 0008 serialization failure 0008
		.111 1.1.		R1FBC122	"X'7A'" IATSICC/IATSIJS - Incoherent YLGC Logging Control Block
		.111 1.11		R1FBC123	"X'7B'" Reserved for IATSICC
		.111 11..		R1FBC124	"X'7C'" Reserved for IATSICC
		.111 11.1		R1FBC125	"X'7D'" Reserved for IATSICC
		.111 111.		R1FBC126	"X'7E'" Reserved for IATSICC
		.111 1111		R1FBC127	"X'7F'" Reserved for IATSICC
		1...		R1FBC128	"X'80'" IATDMFR - Failure in IATSIAD, routine IATSIADD
		1... ...1		R1FBC129	"X'81'" IATDMDK - Failure adding DSS to the PBUF wait wait queue
		1... ..1.		R1FBC130	"X'82'" IATDMDK - Failure adding DSS to the SRB wait queue
		1... ..11		R1FBC131	"X'83'" IATDMDK - Failure to reset DSS after it was removed from the RAB wait queue
		1... .1..		R1FBC132	"X'84'" IATDMER - Failure adding DSS to the SRB wait queue
		1... .1.1		R1FBC133	"X'85'" IATDMFR - Recovery or control block validation error
		1... 111.		R1FBC142	"X'8E'" IATDMDM - Symbol Substitution macro invocation error
		1... 1111		R1FBC143	"X'8F'" IATDMDM - Symbol Substitution macro processing error
		1..1		R1FBC144	"X'90'" IATDMDM - STORAGE OBTAIN 0210 failed in routine DMDMSYMT 0210
		1..1 ...1		R1FBC145	"X'91'" IATDMDM - Call to IATGRAS 0210 failed in routine DMDMSYMT 0210
		1..1 ..1.		R1FBC146	"X'92'" IATDMDM - IXZXIXSM with 0210 SEGTYPE=FIRST specified 0210 failed in routine DMDMSYMT 0210
		1..1 ..11		R1FBC147	"X'93'" IATDMDM - IXZXIXSM with 0210 SEGTYPE=LAST specified 0210 failed in routine DMDMSYMT 0210
		1..1 .1..		R1FBC148	"X'94'" IATDMDM - IXZXIXAC macro 0210 failed in routine DMDMSYMT 0210
		1..1 .1.1		R1FBC149	"X'95'" IATDMDM - STORAGE RELEASE 0210 failed in routine DMDMSYMT 0210

Table 160. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		1..1 .11.		R1FBC150	"X'96'" IATDMDM - Buffer failed validation
		1..1 .111		R1FBRC97	"X'97'" IATDMDM - Record size error 15568T6C
		1..1 1...		R1FBRC98	"X'98'" IATDMDM - Record size error 15568T6C
		1..1 1..1		R1FBRC99	"X'99'" IATDMDM - Record size error 15568T6C
		1..1 1.1.		R1FBRC9A	"X'9A'" IATDMDM - Record size error 15568T6A
		1..1 1.11		R1FBRC9B	"X'9B'" IATDMDM - Record size error 15568T6A
		1..1 11..		R1FBRC9C	"X'9C'" IATDMDM - Record size error 15568T6A
		1..1 11.1		R1FBRC9D	"X'9D'" IATDMDM - Record size error 15568T6A
		1..1 111.		R1FBRC9E	"X'9E'" IATDMDM - Record size error 15568T6A
		1..1 1111		R1FBRC9F	"X'9F'" IATDMDM - Record size error 15568T6A
		1.1.		R1FBC160	"X'A0'" IATDMDS - A circular DMC chain was detected
		1.1. ...1		R1FBC161	"X'A1'" IATDMDS - Failure in the link-up routine
		1.1. 1...		R1FBC168	"X'A8'" IATDMIT - Channel program was incomplete
		1.1. 1..1		R1FBC169	"X'A9'" IATDMIT - Failure adding a DSS to a queue
		1.1. 1.1.		R1FBC170	"X'AA'" IATDMIT - Failure resetting a DSS after its removal
		1.1. 1.11		R1FBC171	"X'AB'" IATGRSP - Failure releasing DSB spinoff lock
		1.1. 11..		R1FBC172	"X'AC'" IATGRSP - Failure writing buffer
		1.1. 11.1		R1FBC173	"X'AD'" IATGRSP - Failure freeing UBUFs
		1.1. 111.		R1FBC174	"X'AE'" IATGRSP - Failure obtaining UBUFs
		1.1. 1111		R1FBC175	"X'AF'" IATGRSP - Failure during dataset point
		1.11		R1FBC176	"X'B0'" IATGRSP - Failure during spinoff processing
		1.11 ...1		R1FBC177	"X'B1'" IATGRSP - Failure during UBUF lock get processing
		1.11 ..1.		R1FBC178	"X'B2'" IATGRSP - Failure during UBUF lock free processing
		11..		R1FBC192	"X'C0'" IATDMEB - EBR000 routine, EBGETUBF returned +0
		11.. ...1		R1FBC193	"X'C1'" IATDMEB - Reserved for future expansion
		11.. ..1.		R1FBC194	"X'C2'" IATDMEB - IATDMEBS routine, EBGETUBF returned +0
		11.. ..11		R1FBC195	"X'C3'" IATDMEB - Data Management point routine, IATXSIO error return
		11.. .1..		R1FBC196	"X'C4'" IATDMEB - IATDMEBS routine, 06944SUA freeing buffer pointed to 06944SUA by DSBLSTBF 06944SUA

Table 160. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		11.. .1.1		R1FBC197	"X'C5'" IATDMEB - EBT000 routine, 06944SUA EBGETUBF returned +0 06944SUA
		11.. .11.		R1FBC198	"X'C6'" IATDMEB - EBT000 routine, 06944SUA EBGETUBF returned +0 06944SUA
		11.. .111		R1FBC199	"X'C7'" IATDMEB - EBG000 routine, 06944SUA buffers not sequential 06944SUA
		11.. 1...		R1FBC200	"X'C8'" IATDMEB - Data Management 06944SUA point routine, IATXSIO 06944SUA error return 06944SUA
		11.1		R1FBRCD0	"X'D0'" IATDMEB3 and IATGRSP - 11485TAC A job terminating request was made prior to the data management request.
		11.1 ...1		R1FBRCD1	"X'D1'" IATDMEBS - Zero DATPREV 11485TAC found searching backward during a POINT operation
		11.1 ..1.		R1FBRCD2	"X'D2'" IATDMEBS - The current UBUF 11485TAC is chained to the list of waiting buffers
		11.1 ..11		R1FBRCD3	"X'D3'" IATDMEB - The DMC failed 10114S2A validation 10114S2A
		11.1 .1..		R1FBRCD4	"X'D4'" IATDMEB - Unable to allocate10253S2A a buffer for spool browse 10253S2A GET 10253S2A
		11.1 .1.1		R1FBRCD5	"X'D5'" IATDMEB3 - Unable to 11485TAC allocate a buffer for 11485TAC spool browse GET 11485TAC
		11.1 .11.		R1FBRCD6	"X'D6'" Reserved for IATDMEBx 11485TAC 2#11485TAD
		11.1 .111		R1FBRCD7	"X'D7'" IATDMEB - Next spool buffer not sequential
		11.1 1...		R1FBRCD8	"X'D8'" IATDMEB2 - Attempting to 11485TAC free the top DMC on the DSBBDMC chain
		11.1 1..1		R1FBRCD9	"X'D9'" IATDMEB3 - Unable to 11485TAC allocate a buffer for 11485TAC spool browse GET 11485TAC
		11.1 1.1.		R1FBRCDA	"X'DA'" IATDMEB - Unable to allocate a buffer for spool browse GET
		11.1 1.11		R1FBRCDB	"X'DB'" IATDMEB - No buffer exists on the DSBBDMC queue
		11.1 11..		R1FBRCDC	"X'DC'" IATDMEB3 - No buffer exists 11485TAC on the DSBBDMC queue
		11.1 111.		R1FBRCDE	"X'DE'" IATDMDM - Point failed for a Sysin control record
		11.1 1111		R1FBRCDF	"X'DF'" IATDMEB3 - Data Management 11485TAC Point routine, IATXSIO 12190S5A error return 12190S5A
		111.		R1FBRCE0	"X'E0'" IATDMEB3 - Unable to 11485TAC allocate a buffer for 11485TAC spool browse GET 11485TAC
		111. ...1		R1FBRCE1	"X'E1'" IATDMEB3 - JIB error 11485TAC
		111. ..1.		R1FBRCE2	"X'E2'" IATDMEB3 - No CLST pointer 11485TAC
		111. ..11		R1FBRCE3	"X'E3'" IATDMEB - Task failed due 16108TAA preceding buffer 16108TAA corruption 16108TAA

Table 160. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		111. .1..		R1FBRCE4	"X'E4'" IATDMCB - Error receiving msg from mailbox
		111. .1.1		R1FBRCE5	"X'E5'" IATDMCB - Message Envelope eycatcher error
		111. .11.		R1FBRCE6	"X'E6'" IATDMCB - Message Envelope too small for message data
		111. .111		R1FBRCE7	"X'E7'" IATDMCB - Error in acknowledging a request
		111. 1...		R1FBRCE8	"X'E8'" IATDMEB3 - Unable to allo-11485TAA cate buffer for POINT 11485TAA
		111. 1..1		R1FBRCE9	"X'E9'" IATDMEB3 - No buffer exists 11485TAA on the DSBBDMC queue 11485TAA
		111. 1.1.		R1FBRCEA	"X'EA'" IATDMCB - Message Envelope BWA mailbox name error
		111. 1.11		R1FBRCEB	"X'EB'" IATGRJSM -Error while processing Job Symbol Table (JSM)
		111. 11..		R1FBRCEC	"X'EC'" IATGRJSM - RAB found in an improper state
		111. 11.1		R1FBRCED	"X'ED'" IATDMEB - Incorrect local lock state at entry point IATDMXOB
		111. 111.		R1FBRCEE	"X'EE'" Various SSI modules - IAZADRKP FUNC=ADD failure
		111. 1111		R1FBRCEF	"X'EF'" Various SSI modules - address returned via IAZADRKP FUNC=DELETE failed validation

Table 161. Cross Reference for IATY1FB

Name	Offset	Hex Tag
ABEND1FB	0	1FB
R1FBCD01	0	1
R1FBCD02	0	2
R1FBCD03	0	3
R1FBCD04	0	4
R1FBCD05	0	5
R1FBCD06	0	6
R1FBCD07	0	7
R1FBCD08	0	8
R1FBCD09	0	9
R1FBCD10	0	A
R1FBCD11	0	B
R1FBCD12	0	C
R1FBCD13	0	D
R1FBCD14	0	E
R1FBCD15	0	F
R1FBCD16	0	10
R1FBCD17	0	11
R1FBCD18	0	12
R1FBCD19	0	13
R1FBCD20	0	14
R1FBCD21	0	15

Table 161. Cross Reference for IATY1FB (continued)

Name	Offset	Hex Tag
R1FBCD22	0	16
R1FBCD23	0	17
R1FBCD24	0	18
R1FBCD25	0	19
R1FBCD26	0	1A
R1FBCD27	0	1B
R1FBCD28	0	1C
R1FBCD29	0	1D
R1FBCD30	0	1E
R1FBCD31	0	1F
R1FBCD32	0	20
R1FBCD33	0	21
R1FBCD34	0	22
R1FBCD35	0	23
R1FBCD36	0	24
R1FBCD37	0	25
R1FBCD38	0	26
R1FBCD39	0	27
R1FBCD40	0	28
R1FBCD41	0	29
R1FBCD42	0	2A
R1FBCD43	0	2B
R1FBCD44	0	2C
R1FBCD45	0	2D
R1FBCD46	0	2E
R1FBCD47	0	2F
R1FBCD48	0	30
R1FBCD49	0	31
R1FBCD50	0	32
R1FBCD51	0	33
R1FBCD52	0	34
R1FBCD53	0	35
R1FBCD54	0	36
R1FBCD55	0	37
R1FBCD56	0	38
R1FBCD57	0	39
R1FBCD58	0	3A
R1FBCD59	0	3B
R1FBCD60	0	3C
R1FBCD61	0	3D
R1FBCD64	0	40
R1FBCD65	0	41
R1FBCD66	0	42
R1FBCD67	0	43
R1FBCD68	0	44
R1FBCD69	0	45

Table 161. Cross Reference for IATY1FB (continued)

Name	Offset	Hex Tag
R1FBCD70	0	46
R1FBCD71	0	47
R1FBCD72	0	48
R1FBCD73	0	49
R1FBCD74	0	4A
R1FBCD75	0	4B
R1FBCD76	0	4C
R1FBCD77	0	4D
R1FBCD78	0	4E
R1FBCD79	0	4F
R1FBCD80	0	50
R1FBCD81	0	51
R1FBCD82	0	52
R1FBCD83	0	53
R1FBCD84	0	54
R1FBCD85	0	55
R1FBCD86	0	56
R1FBCD87	0	57
R1FBCD88	0	58
R1FBCD89	0	59
R1FBCD90	0	5A
R1FBCD91	0	5B
R1FBCD92	0	5C
R1FBCD93	0	5D
R1FBCD94	0	5E
R1FBCD95	0	5F
R1FBCD96	0	60
R1FBCD97	0	61
R1FBCD98	0	62
R1FBCD99	0	63
R1FBC100	0	64
R1FBC101	0	65
R1FBC102	0	66
R1FBC103	0	67
R1FBC104	0	68
R1FBC105	0	69
R1FBC106	0	6A
R1FBC107	0	6B
R1FBC108	0	6C
R1FBC109	0	6D
R1FBC110	0	6E
R1FBC112	0	70
R1FBC113	0	71
R1FBC114	0	72
R1FBC115	0	73
R1FBC116	0	74

Table 161. Cross Reference for IATY1FB (continued)

Name	Offset	Hex Tag
R1FBC117	0	75
R1FBC118	0	76
R1FBC119	0	77
R1FBC120	0	78
R1FBC121	0	79
R1FBC122	0	7A
R1FBC123	0	7B
R1FBC124	0	7C
R1FBC125	0	7D
R1FBC126	0	7E
R1FBC127	0	7F
R1FBC128	0	80
R1FBC129	0	81
R1FBC130	0	82
R1FBC131	0	83
R1FBC132	0	84
R1FBC133	0	85
R1FBC142	0	8E
R1FBC143	0	8F
R1FBC144	0	90
R1FBC145	0	91
R1FBC146	0	92
R1FBC147	0	93
R1FBC148	0	94
R1FBC149	0	95
R1FBC150	0	96
R1FBC160	0	A0
R1FBC161	0	A1
R1FBC168	0	A8
R1FBC169	0	A9
R1FBC170	0	AA
R1FBC171	0	AB
R1FBC172	0	AC
R1FBC173	0	AD
R1FBC174	0	AE
R1FBC175	0	AF
R1FBC176	0	B0
R1FBC177	0	B1
R1FBC178	0	B2
R1FBC192	0	C0
R1FBC193	0	C1
R1FBC194	0	C2
R1FBC195	0	C3
R1FBC196	0	C4
R1FBC197	0	C5
R1FBC198	0	C6

Table 161. Cross Reference for IATY1FB (continued)

Name	Offset	Hex Tag
R1FBC199	0	C7
R1FBC200	0	C8
R1FBRCDA	0	DA
R1FBRCDB	0	DB
R1FBRCDC	0	DC
R1FBRCDE	0	DE
R1FBRCDF	0	DF
R1FBRCD0	0	D0
R1FBRCD1	0	D1
R1FBRCD2	0	D2
R1FBRCD3	0	D3
R1FBRCD4	0	D4
R1FBRCD5	0	D5
R1FBRCD6	0	D6
R1FBRCD7	0	D7
R1FBRCD8	0	D8
R1FBRCD9	0	D9
R1FBRCEA	0	EA
R1FBRCEB	0	EB
R1FBRCEC	0	EC
R1FBRCED	0	ED
R1FBRCEE	0	EE
R1FBRCEF	0	EF
R1FBRCE0	0	E0
R1FBRCE1	0	E1
R1FBRCE2	0	E2
R1FBRCE3	0	E3
R1FBRCE4	0	E4
R1FBRCE5	0	E5
R1FBRCE6	0	E6
R1FBRCE7	0	E7
R1FBRCE8	0	E8
R1FBRCE9	0	E9
R1FBRC3E	0	3E
R1FBRC3F	0	3F
R1FBRC9A	0	9A
R1FBRC9B	0	9B
R1FBRC9C	0	9C
R1FBRC9D	0	9D
R1FBRC9E	0	9E
R1FBRC9F	0	9F
R1FBRC97	0	97
R1FBRC98	0	98
R1FBRC99	0	99

IATY4FB information

IATY4FB heading information

Common name:	Abend 4FB error code definitions
Macro ID:	IATY4FB
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 JES3 Address space.

IATY4FB mapping

Table 162. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		
		Reason codes from the macro			
0	(0)	BITSTRING	0	ABEND4FB	"X'4FB'" ABEND 4FB
		.... .1..		R4FBC004	"X'04'" IATSIWO An error occurred during PUT processing
		.... 1...		R4FBC008	"X'08'" IATSIAD No storage was available for an SSISERV request
		.... 11..		R4FBC00C	"X'0C'" IATSIAD No storage was available for excession limits processing
		...1		R4FBC010	"X'10'" IATSIAD An SJF error occurred during excession limits processing
		...1 .1..		R4FBC014	"X'14'" IATSSJM Failure occurred while releasing storage for a JMU
		...1 1...		R4FBC018	"X'18'" IATSSJM Failure occurred while releasing MEMJMULK in the Rel_JMULOCK routine
		...1 11..		R4FBC01C	"X'1C'" IATSSJM Failure occurred while releasing MEMJMULK in the Cleanup_Retry routine
		..1.		R4FBC020	"X'20'" IATSSJI Failure occurred while 06525SUC releasing MEMJMULK in the IRB routine
		..1. .1..		R4FBC024	"X'24'" IATSSJM Failure occurred while releasing MEMJMULK in the Check_Dump_Needed routine
		..1. 1...		R4FBC028	"X'28'" IATDMDK An error was detected while validity checking the RRE and before the DSS could be validated
		..1. 11..		R4FBC02C	"X'2C'" IATSIAD No storage was available for the SYMLIST= list of symbols

Table 162. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..11		R4FBC030	"X'30'" IATSIOR/IATDMEB No storage was available for the IATYSYM symbol substituion buffer
		..11 .1..		R4FBC034	"X'34'" IATSIOR Unable to register an alternate system symbol table with the JES Symbol Service
		..11 1...		R4FBC038	"X'38'" IATSIOR No storage was available for a new IATYLGC entry for a SYMBOLS= logging request

Table 163. Cross Reference for IATY4FB

Name	Offset	Hex Tag
ABEND4FB	0	4FB
R4FBC00C	0	C
R4FBC004	0	4
R4FBC008	0	8
R4FBC01C	0	1C
R4FBC010	0	10
R4FBC014	0	14
R4FBC018	0	18
R4FBC02C	0	2C
R4FBC020	0	20
R4FBC024	0	24
R4FBC028	0	28
R4FBC030	0	30
R4FBC034	0	34
R4FBC038	0	38

IATY6FB information

IATY6FB heading information

Common name:	System 6FB ABEND Reason Codes
Macro ID:	IATY6FB
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:	N/A
Function:	Provide equates for the 6FB ABEND code and the reason codes for the ABEND.

IATY6FB mapping

Table 164. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		
		System 6FB ABEND Reason Codes 01 Change Activity: $TP= z2.3.0 HJS77B0 170113 PD0TN: z 2.3.0			
0	(0)	BITSTRING	0	ABEND6FB	"X'6FB'" ABEND 6FB
		...1		R6FBCD16	"X'10'" IATSSRN - IXZXIXRR failure
		...1 ...1		R6FBCD17	"X'11'" IATSSRN - reserved
		...1 ..1.		R6FBCD18	"X'12'" IATSSRN - reserved
		...1 ..11		R6FBCD19	"X'13'" IATSSRN - reserved
		...1 .1..		R6FBCD20	"X'14'" IATSSRN - reserved
		...1 .1.1		R6FBCD21	"X'15'" IATSSRN - reserved
		...1 .11.		R6FBCD22	"X'16'" IATSSRN - reserved
		...1 .111		R6FBCD23	"X'17'" IATSSRN - reserved
		...1 1...		R6FBCD24	"X'18'" IATSSRN - reserved
		...1 1..1		R6FBCD25	"X'19'" IATSSRN - reserved
		...1 1.1.		R6FBCD26	"X'1A'" IATSSRN - reserved
		...1 1.11		R6FBCD27	"X'1B'" IATSSRN - reserved
		...1 11..		R6FBCD28	"X'1C'" IATSSRN - reserved
		...1 11.1		R6FBCD29	"X'1D'" IATSSRN - reserved
		...1 111.		R6FBCD30	"X'1E'" IATSSRN - reserved
		...1 1111		R6FBCD31	"X'1F'" IATSSRN - reserved
		..1.		R6FBCD32	"X'20'" IATSSRN - reserved
		IATSSRE/SSRECRXT - IATY6FB Abend Reason Codes			
		..1. ...1		R6FBCD33	"X'21'" SSRECRXT - Input Validation Bad SRB Address passed as input
		..1. ..1.		R6FBCD34	"X'22'" SSRECRXT - Input Validation Bad SRB Extension Address passed as input
		..1. ..11		R6FBCD35	"X'23'" SSRECRXT - Input Validation Bad JES XCF Acknowledgement Message in CADS Buffer
		..1. .1..		R6FBCD36	"X'24'" SSRECRXT - Input Validation Bad Staging Area Header in CADS Buffer
		..1. .1.1		R6FBCD37	"X'25'" SSRECRXT - Input Validation Bad Response Exit Address in CADS Buffer Prefix
		..1. .11.		R6FBCD38	"X'26'" SSRECRXT - Input Validation Bad CADS Buffer length in CADS Buffer
		..1. .111		R6FBCD39	"X'27'" SSRECRXT - Input Validation Bad Return Code within the Acknowledgement Message
		..1. 1...		R6FBCD40	"X'28'" SSRECRXT - STORAGE OBTAIN Storage not obtained for Staging Area Buffer
		..1. 1..1		R6FBCD41	"X'29'" SSRECRXT - Return from TCBTOKEN indicated a program error
		..1. 1.1.		R6FBCD42	"X'2A'" SSRECRXT - Attempted to 12502TAC decrement an outstanding 12502TAA reply count of zero 12502TAA

Table 164. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		..1. 1.11		R6FBCD43	"X'2B'" SSRECRXT - Invalid RIP
		..1. 11..		R6FBCD44	"X'2C'" SSRECRXT - reserved
		..1. 11.1		R6FBCD45	"X'2D'" SSRECRXT - reserved
		..1. 111.		R6FBCD46	"X'2E'" SSRECRXT - reserved
		..1. 1111		R6FBCD47	"X'2F'" SSRECRXT - reserved
		..11		R6FBCD48	"X'30'" SSRECRXT - reserved
		IATSSRE/SSRESTAT - IATY6FB Abend Reason Codes			
		..11 ...1		R6FBCD49	"X'31'" SSRESTAT - JESXCF Information IXZXIXIF eye-catcher not correct
		..11 ..1.		R6FBCD50	"X'32'" SSRESTAT - Global MPC not found
		..11 ..11		R6FBCD51	"X'33'" SSRESTAT - STORAGE OBTAIN Storage not obtained for IXZXIXIF buffer
		..11 .1..		R6FBCD52	"X'34'" SSRESTAT - IXZXIXIF service Bad Return/Reason Code R3 - Return Code R4 - Reason Code
		..11 .1.1		R6FBCD53	"X'35'" SSRESTAT - IXZXIXIF service No global information found in IXZXIXIF records
		..11 .11.		R6FBCD54	"X'36'" SSRESTAT - reserved
		..11 .111		R6FBCD55	"X'37'" SSRESTAT - reserved
		..11 1...		R6FBCD56	"X'38'" SSRESTAT - reserved
		..11 1..1		R6FBCD57	"X'39'" SSRESTAT - reserved
		..11 1.1.		R6FBCD58	"X'3A'" SSRESTAT - reserved
		..11 1.11		R6FBCD59	"X'3B'" SSRESTAT - reserved
		..11 11..		R6FBCD60	"X'3C'" SSRESTAT - reserved
		..11 11.1		R6FBCD61	"X'3D'" SSRESTAT - reserved
		..11 111.		R6FBCD62	"X'3E'" SSRESTAT - reserved
		..11 1111		R6FBCD63	"X'3F'" SSRESTAT - reserved
		.1..		R6FBCD64	"X'40'" SSRESTAT - reserved

Reason codes X'100' through X'1FF' are reserved for use in module IATSSCM.

Table 165. Cross Reference for IATY6FB

Name	Offset	Hex Tag
ABEND6FB	0	6FB
R6FBCD16	0	10
R6FBCD17	0	11
R6FBCD18	0	12
R6FBCD19	0	13
R6FBCD20	0	14
R6FBCD21	0	15
R6FBCD22	0	16
R6FBCD23	0	17
R6FBCD24	0	18
R6FBCD25	0	19

Table 165. Cross Reference for IATY6FB (continued)

Name	Offset	Hex Tag
R6FBCD26	0	1A
R6FBCD27	0	1B
R6FBCD28	0	1C
R6FBCD29	0	1D
R6FBCD30	0	1E
R6FBCD31	0	1F
R6FBCD32	0	20
R6FBCD33	0	21
R6FBCD34	0	22
R6FBCD35	0	23
R6FBCD36	0	24
R6FBCD37	0	25
R6FBCD38	0	26
R6FBCD39	0	27
R6FBCD40	0	28
R6FBCD41	0	29
R6FBCD42	0	2A
R6FBCD43	0	2B
R6FBCD44	0	2C
R6FBCD45	0	2D
R6FBCD46	0	2E
R6FBCD47	0	2F
R6FBCD48	0	30
R6FBCD49	0	31
R6FBCD50	0	32
R6FBCD51	0	33
R6FBCD52	0	34
R6FBCD53	0	35
R6FBCD54	0	36
R6FBCD55	0	37
R6FBCD56	0	38
R6FBCD57	0	39
R6FBCD58	0	3A
R6FBCD59	0	3B
R6FBCD60	0	3C
R6FBCD61	0	3D
R6FBCD62	0	3E
R6FBCD63	0	3F
R6FBCD64	0	40

IATY8FB information

IATY8FB heading information

Common name: SYSTEM 8FB ABEND REASON CODES

Macro ID: IATY8FB

DSECT name:	N/A				
Owning component:	JES3 (SC1BA)				
Eye-catcher ID:	None				
Storage attributes:	Subpool: 0				
Size:	N/A				
Created by:	N/A				
Pointed to by:	N/A				
Serialization:	N/A				
Function:	Provide equates for the 8FB ABEND CODE and the REASON CODES for the abend.				

IATY8FB mapping

Table 166. Structure

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	BITSTRING	0	ABEND8FB	"X'8FB'" ABEND 8FB
		1		R8FBSPLC	"X'01'" UNEXPECTED SSI ERROR DURING SMS PLCO PROCESSING. ISSUED BY IATIIP0
		.... ..1.		R8FBEPLC	"X'02'" UNEXPECTED RETURN OR REASON CODE RETURNED FROM SMS PLCO ISSUED BY IATIIP0
		11		R8FBSSCS	"X'03'" UNEXPECTED SSI ERROR DURING SMS CATALOG SERVICES PROCESSING. ISSUED BY IATLVLC
		.... .1.1		R8FBSWAC	"X'05'" SWA CREATE ERROR. ISSUED BY IATIIII
		.... .11.		R8FBUPWT	"X'06'" USAM POINT OR WRITE ERROR. ISSUED BY IATDMGR
		.... .111		R8FBDSSB	"X'07'" DSS/DSB INITIALIZATION ERROR ISSUED BY IATDMGR
		.... 1...		R8FBUBFI	"X'08'" USAM BUFFER INITIALIZATION ERROR ISSUED BY IATDMGR
		.... 1..1		R8FBJSCO	"X'09'" JCL STATEMENT COUNT OVERFLOW. ISSUED BY IATIICX
		.... 1.1.		R8FBSSVR	"X'0A'" UNEXPECTED SSI ERROR DURING SMS VOLREF SERVICES PROCESSING. ISSUED BY IATLVLC
		.... 11..		R8FBSSSS	"X'0C'" UNEXPECTED SSI ERROR DURING SMS SYSTEM SELECT PROCESSING. ISSUED BY IATMDST
		.... 11.1		R8FBESSS	"X'0D'" UNEXPECTED RETURN OR REASON CODE RETURNED FROM SMS SYSTEM SELECT ISSUED BY IATMDST
		.... 111.		R8FBSAPT	"X'0E'" ERROR RETURN FROM PUT OPERATION ISSUED BY IATSISA
		 1111		R8FB0EST	"X'0F'" ESTAE COULD NOT BE SET UP. ISSUED BY IATIIPL
		...1		R8FBSPPT	"X'10'" ERROR RETURN FROM PUT OPERATION ISSUED BY IATIISP
		...1 ...1		R8FBIVFC	"X'11'" INVALID FUNCTION CODE. ISSUED BY IATDMGR
		...1 ..1.		R8FBGRBK	"X'12'" BLOCK SPOOLER ERROR. ISSUED BY IATDMGR
		...1 ..11		R8FBLCBK	"X'13'" BLOCK SPOOLER ERROR. ISSUED BY IATLVLC

Table 166. Structure (continued)

Offset Dec	Offset Hex	Type	Len	Name(Dim)	Description
		...1 .1..		R8FBSTBK	"X'14'" BLOCK SPOOLER ERROR. ISSUED BY IATMDST
		...1 .1.1		R8FBRSVF	"X'15'" THIS REASON CODE HAS BEEN 0404 PREVIOUSLY USED. ABEND 8FB 0404 REASON CODES SHOULD NOT BE 0404 REUSED 0404
		...1 .11.		R8FBLEST	"X'16'" ESTAE COULD NOT BE SET UP. ISSUED BY IATLVLC
		...1 .111		R8FBRS17	"X'17'" RESERVED REASON CODE
		...1 1...		R8FBELVS	"X'18'" LVS ENTRY INVALID OR COULD NOT BE FOUND ISSUED BY IATLVLC
		...1 1..1		R8FBSTPT	"X'19'" ERROR RETURN FROM PUT OPERATION ISSUED BY IATIIST
		...1 1.1.		R8FBIVVR	"X'1A'" INVALID INFORMATION RETURNED FROM SMS VOLREF SERVICES ISSUED BY IATLVLC
		...1 11..		R8FBIVCM	"X'1C'" INVALID INFORMATION RETURNED FROM CATALOG MANAGEMENT ISSUED BY IATLVLC
		...1 11.1		R8FBSAGT	"X'1D'" ERROR RETURN FROM GET OPERATION ISSUED BY IATSISA
		...1 111.		R8FBIENF	"X'1E'" INVALID ENF PARAMETER 0404 LIST PASSED BY SMS 0404
		...1 1111		R8FBGMER	"X'1F'" INVALID LRSSIZE, LARGER THAN ALLOWED MAXIMUM ISSUED BY IATLVLC
		..1.		R8FBJLEX	"X'20'" JCL LIMIT EXCEEDED DUE TO A LARGE AMOUNT OF JCL STATEMENTS IN A JOB ISSUED BY IATIICX
		..1. ...1		R8FBSTZN	"X'21'" SSSABNUM, THE NUMBER OF SYSTEMS IN SSSABNM OR SSSABNMX WAS PASSED BY SMS AS ZERO ISSUED BY IATIIST
		..1. ..1.		R8FBCNM0	"X'22'" SSSACNUM, THE NUMBER OF SYSTEMS IN SSSACNM OR SSSACNMX WAS PASSED BY SMS AS ZERO ISSUED BY IATMDST
		..1. ..11		R8FBMBBL	"X'23'" Mailbox build (IXZXIXMB) failed for the WLM subtask. This is issued by IATWLSIN.
		..1. .1..		R8FBBSMD	"X'24'" Bad sampling data was received by the WLM subtask. This is issued by IATWLLSM.
		..1. .1.1		R8FBSTAB	"X'25'" IATIIST subtask abend 04067SLA
		..1. .11.		R8FBJMRE	"X'26'" JMRE section not found in JMR extension (JMRX)

Table 167. Cross Reference for IATY8FB

Name	Offset	Hex Tag
ABEND8FB	0	8FB
R8FBBSMD	0	24
R8FBCNM0	0	22
R8FBDSSB	0	7
R8FBELVS	0	18
R8FBEPLC	0	2
R8FBESSS	0	D
R8FBGMER	0	1F

Table 167. Cross Reference for IATY8FB (continued)

Name	Offset	Hex Tag
R8FBGRBK	0	12
R8FBIENF	0	1E
R8FBIVCM	0	1C
R8FBIVFC	0	11
R8FBIVVR	0	1A
R8FBJLEX	0	20
R8FBJMRE	0	26
R8FBJSCO	0	9
R8FBLCBK	0	13
R8FBLEST	0	16
R8FBMBBL	0	23
R8FBRSVF	0	15
R8FBRS17	0	17
R8FBSAGT	0	1D
R8FBSAPT	0	E
R8FBSPLC	0	1
R8FBSPPT	0	10
R8FBSSCS	0	3
R8FBSSSS	0	C
R8FBSSVR	0	A
R8FBSTAB	0	25
R8FBSTBK	0	14
R8FBSTPT	0	19
R8FBSTZN	0	21
R8FBSWAC	0	5
R8FBUBFI	0	8
R8FBUPWT	0	6
R8FB0EST	0	F

Appendix A. Accessibility

Accessible publications for this product are offered through IBM Documentation (www.ibm.com/docs/en/zos).

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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> United States

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)

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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