

J E S 2 J O B L O G -- S Y S T E M 8 5 6 1  
-- N O D E S V S C J E S 2

22.46.57 JOB02751 ----- MONDAY, 11 NOV 2024 -----

22.46.57 JOB02751 IRR010I USERID KC03F2A IS ASSIGNED TO THIS JOB.

22.46.58 JOB02751 ICH70001I KC03F2A LAST ACCESS AT 21:46:25 ON MONDAY, NOVEMBER 11, 2024

22.46.58 JOB02751 \$HASP373 CMINQF2A STARTED - INIT 1 - CLASS A - SYS 8561

22.47.01 JOB02751 IEF764I CMINQF2A COMPLI COBOL DFHAPIR DFHEIMOD PARMLIB READ FAILED - MEMBER DFHAPIR NOT FOUND.

22.47.01 JOB02751 IEF764I CMINQF2A COMPLI COBOL DFHAPIR DFHEIMOD PARMLIB READ FAILED - MEMBER DFHAPIR NOT FOUND.

22.47.04 JOB02751 -

TIMINGS (MINS.)-----  
COUNTS-----

-----PAGING

22.47.04	JOB02751	-STEPNAME	PROCSTEP	RC	EXCP	CONN	TCB
SRB	CLOCK	SERV	WORKLOAD	PAGE	SWAP	VIO	SWAPS
22.47.04	JOB02751	-COMPLI	COBOL	00	17730	227	.00
.00	.0	122	BATCH	0	0	0	0
22.47.04	JOB02751	-COMPLI	COPYLINK	00	37	4	.00
.00	.0	4	BATCH	0	0	0	0
22.47.05	JOB02751	-COMPLI	LKED	00	303	29	.00
.00	.0	49	BATCH	0	0	0	0
22.47.05	JOB02751	-CMINQF2A	ENDED.	NAME-			
TOTAL TCB CPU TIME=				.00	TOTAL ELAPSED TIME=		.1
22.47.05	JOB02751	\$HASP395	CMINQF2A	ENDED	- RC=0000		

----- JES2 JOB STATISTICS -----

11 NOV 2024 JOB EXECUTION DATE  
17 CARDS READ  
2,578 SYSOUT PRINT RECORDS  
0 SYSOUT PUNCH RECORDS  
171 SYSOUT SPOOL KBYTES  
0.13 MINUTES EXECUTION TIME

1 //CMINQF2A JOB  
JOB02751

//\*

2 //CICSPROC JCLLIB ORDER=(KC03F2A.DCMAFD02.PROCLIB)

```

      /**
      //
*****
**
      /**          TRANSLATE COMPILE
      /**          AND LINK A CICS COBOL PROGRAM
      //
*****
**
      3 //COMPLI    EXEC DFHZITCL,
        //          PROGLIB=TS0ECCC.CICSTS12.STUDENT.LOADLIB,
        //          PROGSRC=KC03F2A.DCMAFD02.A5P1.COBOL,
        //          PROGMBR=CMINQF2A,
        //
CPYLIBWS=KC03F2A.DCMAFD02.COPYBOOK.WS.COBOL,
        //
CPYLIBPR=KC03F2A.DCMAFD02.COPYBOOK.PR.COBOL
      4 XXDFHZITCL  PROC LNGPRFX='IGY630',      Qualifier for COBOL
compiler *
      XX          LIBPRFX='CEE',                Qualifier for LE/390
      XX          INDEX='DFH610.CICS',          Qualifier(s) for
CICS libraries *
      XX          PROGLIB=,                      Name of appl load
library *
      XX          PROGSRC=,                      Name of appl source
library *
      XX          PROGMBR=,                      Name of member in
source library *
      XX          DSCTLIB='DFH610.CICS.SDFHCOB', Private macro/
dsect *
      XX          OUTC=*,                        Class for print
output
      XX          REG=0M,                        Region size for all
steps
      XX          CBLPARM=('NODYNAM,RENT',       Compiler options
      XX          'CICS(''COBOL3,SP'')'),       Translator options *
      XX          LNKPARM='LIST,XREF,RENT,MAP',  Binder options
      XX          WORK=SYSDA                     Unit for work
datasets

```

XX\*\*\*\*\*  
\*\*\*\*

```
      XX*
*      XX*
*      XX*
*      XX*      Licensed Materials – Property of IBM
*      XX*
*      XX*      5655-Y04
*      XX*
*      XX*      (C) Copyright IBM Corp. 2001, 2014 All Rights
Reserved.  *
      XX*
*      XX*
*      XX*
*      XX*
*      XX*      STATUS = 7.2.0
*      XX*
*      XX*      CHANGE ACTIVITY :
*      XX*
*      XX*      $MOD(DFHZITCL),COMP(COMMAND),PROD(CICS TS )
*      XX*
*
```

```

      XX*  PN= REASON REL YYMMDD HDXXIII : REMARKS
*
      XX* $01= A84313 640 040604 HDBGNRB : Migrate PQ84313 from
SPA R630      *
      XX* $L0= Base   620 011211 HD70PW  : Base
*
      XX* $P1= D04451 630 030307 HD4PALS : remove sdfhc370
reference      *
      XX* $P2= D08934 630 030919 HD3SCWG : DFHEILID now in
SDFHSAMP      *
      XX* $P3= D12714 640 041230 HD6KRAH : Compiler level
*
      XX* $P4= D07074 670 091019 HD4PALT : remove PDSE
reference      *
      XX*      D85873 690 140226 HDLHJJH : Compiler level 5.1
and 4.2      *
      XX*      R144470 720 171101 HDFVGMB : Remove LIB as a
compile option *

XX*****
****
      XX*
*
      XX* 2023-May-1 local changes - GC0
*
      XX*
*
      XX* - changed LNGPRFX='SYS1' to LNGPRFX='IGY630'
*
      XX* - changed CICSSTS5.CICS to DFH550.CICS
*
      XX* - changed CICSSTS5.CICS.SDFHCOB to
DFH550.CICS.SDFHCOB      *
      XX* - added parameters PROGSRC, PROGMBR
*
      XX* - changed REG=200M to REG=0M
*
      XX* - deleted SIZE(4000K) from CBLPARM
*
```

```
XX* - added SP to CBLPARM
*
XX* - added DD DSN=&PROGSRC,DISP=SHR to COBOL SYSLIB
*
XX*
*
XX*****
****
XX*
XX* This procedure uses the Enterprise COBOL compiler
and its XX*
XX* integrated CICS translator to generate a COBOL
module XX*
XX* into an application load library.
XX*
XX* This procedure contains 3 steps:
XX* 1. Exec the COBOL compiler and integrated
translator XX*
XX* 2. Reblock DFHEILID for use by the binder step
XX* 3. Bind the output into dataset &PROGLIB
XX*
XX* The following JCL should be used
XX* to execute this procedure
XX*
XX* //APPLPROG EXEC DFHZITCL,
XX* PROGLIB=dsnname-of-loadlib,
XX* PROGSRC=dsnname-of-source-pds,
XX* PROGMBR=member-name-of-program,
XX* CPYLIBWS=dsname-of-ws-copy-lib,
XX* CPYLIBPR=dsname-of-source-copy-libs
XX* //COBOL.SYSIN DD *
XX* .
XX* : Application program
XX* .
XX* /*
XX* //LKED.SYSIN DD *
XX* NAME anyname(R)
```

```

XX*      /*
XX* OR
XX*      //APPLPROG EXEC DFHZITCL,
XX*          PROGLIB=dsname-of-loadlib,
XX*          PROGSRC=dsname-of-source-pds,
XX*          PROGMBR=member-name-of-program,
XX*          CPYLIBWS=dsname-of-ws-copy-lib,
XX*          CPYLIBPR=dsname-of-source-copy-libs
XX*      /* NAME OF PROGRAM AND MEMBER TO TRANSLATE/
COMPILE/LKED
XX*      //COBOL.SYSIN DD DSN=&PROGSRC(&PROGMBR),DISP=SHR
XX*      /*
XX*
XX*      Where  anyname  is the name of your
application program.
XX*      (Refer to the application programming guide for
full details,
XX*      including what to do if your program contains
calls to
XX*      the common programming interface.)
XX*
XX*      Note:
XX*      The compiler LIB option is no longer required
when using
XX*      COBOL 5 and later and has been removed from the
CBLPARM.
XX*      For earlier versions of COBOL this option must
be manually
XX*      reinstated.
XX*
5 XXCOBOL  EXEC PGM=IGYCRCTL,REGION=&REG,
XX          PARM=&CBLPARM
IEFC653I SUBSTITUTION JCL -
PGM=IGYCRCTL,REGION=0M,PARM=('NODYNAM,RENT','CICS(''COBOL3,SP'')')
6 XXSTEPLIB  DD DSN=&LNGPRFX..SIGYCOMP,DISP=SHR
IEFC653I SUBSTITUTION JCL - DSN=IGY630.SIGYCOMP,DISP=SHR
7 XX          DD DSN=&INDEX..SDFHLOAD,DISP=SHR
IEFC653I SUBSTITUTION JCL -
DSN=DFH610.CICS.SDFHLOAD,DISP=SHR

```

```
      8 XXSYSLIB      DD DSN=&DSCTLIB,DISP=SHR
        IEFC653I SUBSTITUTION JCL -
DSN=DFH610.CICS.SDFHCOB,DISP=SHR
      9 XX          DD DSN=&PROGSRC,DISP=SHR
        IEFC653I SUBSTITUTION JCL -
DSN=KC03F2A.DCMAFD02.A5P1.COBOL,DISP=SHR
     10 XX          DD DSN=&CPYLIBWS,DISP=SHR
        IEFC653I SUBSTITUTION JCL -
DSN=KC03F2A.DCMAFD02.COPYBOOK.WS.COBOL,DISP=SHR
     11 XX          DD DSN=&CPYLIBPR,DISP=SHR
        IEFC653I SUBSTITUTION JCL -
DSN=KC03F2A.DCMAFD02.COPYBOOK.PR.COBOL,DISP=SHR
     12 XX          DD DSN=&INDEX..SDFHCOB,DISP=SHR
        IEFC653I SUBSTITUTION JCL -
DSN=DFH610.CICS.SDFHCOB,DISP=SHR
     13 XX          DD DSN=&INDEX..SDFHMAC,DISP=SHR
        IEFC653I SUBSTITUTION JCL -
DSN=DFH610.CICS.SDFHMAC,DISP=SHR
     14 XX          DD DSN=&INDEX..SDFHSAMP,DISP=SHR
        IEFC653I SUBSTITUTION JCL -
DSN=DFH610.CICS.SDFHSAMP,DISP=SHR
     15 XXSYSPRINT DD SYSOUT=&OUTC
        IEFC653I SUBSTITUTION JCL - SYSOUT=*
     16 XXSYSLIN      DD DSN=&&LOADSET,DISP=(MOD,PASS),
        XX          UNIT=&WORK,SPACE=(TRK,(3,3))
        IEFC653I SUBSTITUTION JCL -
DSN=&&LOADSET,DISP=(MOD,PASS),UNIT=SYSDA,SPACE=(TRK,(3,3))
     17 XXSYSUT1      DD UNIT=&WORK,SPACE=(CYL,(1,1))
        IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(1,1))
     18 XXSYSUT2      DD UNIT=&WORK,SPACE=(CYL,(1,1))
        IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(1,1))
     19 XXSYSUT3      DD UNIT=&WORK,SPACE=(CYL,(1,1))
        IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(1,1))
     20 XXSYSUT4      DD UNIT=&WORK,SPACE=(CYL,(1,1))
        IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(1,1))
     21 XXSYSUT5      DD UNIT=&WORK,SPACE=(CYL,(1,1))
        IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(1,1))
     22 XXSYSUT6      DD UNIT=&WORK,SPACE=(CYL,(1,1))
        IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(1,1))
```

```
23 XXSYSUT7 DD UNIT=&WORK,SPACE=(CYL,(1,1))
    XX** Additional datasets needed for 5.1 compiler **
    IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(1,1))
24 XXSYSUT8 DD UNIT=&WORK,SPACE=(CYL,(1,1))
    IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(1,1))
25 XXSYSUT9 DD UNIT=&WORK,SPACE=(CYL,(1,1))
    IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(1,1))
26 XXSYSUT10 DD UNIT=&WORK,SPACE=(CYL,(1,1))
    IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(1,1))
27 XXSYSUT11 DD UNIT=&WORK,SPACE=(CYL,(1,1))
    IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(1,1))
28 XXSYSUT12 DD UNIT=&WORK,SPACE=(CYL,(1,1))
    IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(1,1))
29 XXSYSUT13 DD UNIT=&WORK,SPACE=(CYL,(1,1))
    IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(1,1))
30 XXSYSUT14 DD UNIT=&WORK,SPACE=(CYL,(1,1))
    IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(1,1))
31 XXSYSUT15 DD UNIT=&WORK,SPACE=(CYL,(1,1))
    IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(1,1))
32 XXSYSMDECK DD UNIT=&WORK,SPACE=(CYL,(1,1))
    XX** End of additional dataset needed for 5.1 compiler **
    XX*
    IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(1,1))
33 //COBOL.SYSIN DD DSN=&PROGSRC(&PROGMBR),DISP=SHR
    IEFC653I SUBSTITUTION JCL -
DSN=KC03F2A.DCMAFD02.A5P1.COBOL(CMINQF2A),DISP=SHR
34 XXCOPYLINK EXEC PGM=IEBGENER,COND=(7,LT,COBOL)
35 XXSYSUT1 DD DSN=&INDEX..SDFHSAMP(DFHEILID),DISP=SHR
    IEFC653I SUBSTITUTION JCL -
DSN=DFH610.CICS.SDFHSAMP(DFHEILID),DISP=SHR
36 XXSYSUT2 DD DSN=&&COPYLINK,DISP=(NEW,PASS),
    XX DCB=(LRECL=80,BLKSIZE=400,RECFM=FB),
    XX UNIT=&WORK,SPACE=(400,(20,20))
    IEFC653I SUBSTITUTION JCL -
DSN=&&COPYLINK,DISP=(NEW,PASS),DCB=(LRECL=80,BLKSIZE=400,RECFM=FB),
UNIT=SYSDA,
SPACE=(400,(20,20))
37 XXSYSPRINT DD SYSOUT=&OUTC
    IEFC653I SUBSTITUTION JCL - SYSOUT=*
```



```

38 XXSYSIN      DD DUMMY
XX*
39 XXEX1  EXPORT SYMLIST=*
40 XX SET  PGM=&PROGMBR
    IEFC653I SUBSTITUTION JCL - PGM=CMINQF2A
41 XXPGM      EXPORT EXPSET=CMINQF2A
GENERATED STATEMENT
XX*
42 XXLKED     EXEC PGM=IEWL,REGION=&REG,
XX            PARM='&LNKPARM',COND=(7,LT,COBOL)
    IEFC653I SUBSTITUTION JCL -
PGM=IEWL,REGION=0M,PARM='LIST,XREF,RENT,MAP',COND=(7,LT,COBOL)
43 XXSYSLIB   DD DSN=&INDEX..SDFHLOAD,DISP=SHR
    IEFC653I SUBSTITUTION JCL -
DSN=DFH610.CICS.SDFHLOAD,DISP=SHR
44 XX        DD DSN=&LIBPRFX..SCEELKED,DISP=SHR
    IEFC653I SUBSTITUTION JCL - DSN=CEE.SCEELKED,DISP=SHR
45 XXSYSLMOD  DD DSN=&PROGLIB,DISP=SHR
    IEFC653I SUBSTITUTION JCL -
DSN=TS0ECCC.CICSTS12.STUDENT.LOADLIB,DISP=SHR
46 XXSYSUT1   DD UNIT=&WORK,DCB=BLKSIZE=1024,
XX            SPACE=(1024,(200,20))
    IEFC653I SUBSTITUTION JCL -
UNIT=SYSDA,DCB=BLKSIZE=1024,SPACE=(1024,(200,20))
47 XXSYSPRINT DD SYSOUT=&OUTC
    IEFC653I SUBSTITUTION JCL - SYSOUT=*
48 XXSYSLIN   DD DSN=&&COPYLINK,DISP=(OLD,DELETE)
49 XX        DD DSN=&&LOADSET,DISP=(OLD,DELETE)
50 XX        DD DDNAME=SYSIN
51 XXSYSIN    DD *,SYMBOLS=(EXEC SYS)
XX*
52 XXPGM      EXPORT EXPSET=
GENERATED STATEMENT
    /* NAME OF PROGRAM AND MEMBER TO TRANSLATE/COMPILE/LKED
    /*
STMT NO. MESSAGE
      3 IEFC001I PROCEDURE DFHZITCL WAS EXPANDED USING PRIVATE
LIBRARY KC03F2A.DCMAFD02.PROCLIB
ICH70001I KC03F2A LAST ACCESS AT 21:46:25 ON MONDAY, NOVEMBER 11,

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2024

IEFA111I CMINQF2A IS USING THE FOLLOWING JOB RELATED SETTINGS:

SWA=ABOVE,TIOT SIZE=32K,DSNQSHR=DISALLOW,GDGBIAS=JOB

IEF236I ALLOC. FOR CMINQF2A COBOL COMPLI

IEF237I 1A76 ALLOCATED TO STEPLIB

IEF237I 1847 ALLOCATED TO

IEF237I 1847 ALLOCATED TO SYSLIB

IGD103I SMS ALLOCATED TO DDNAME

IGD103I SMS ALLOCATED TO DDNAME

IGD103I SMS ALLOCATED TO DDNAME

IEF237I 1847 ALLOCATED TO

IEF237I 1847 ALLOCATED TO

IEF237I 1847 ALLOCATED TO

IEF237I JES2 ALLOCATED TO SYSPRINT

IGD101I SMS ALLOCATED TO DDNAME (SYSLIN )

DSN (SYS24316.T224657.RA000.CMINQF2A.LOADSET.H01 )

STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )

VOL SER NOS= KCTR01

IGD101I SMS ALLOCATED TO DDNAME (SYSUT1 )

DSN (SYS24316.T224657.RA000.CMINQF2A.R0164428 )

STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )

VOL SER NOS= KCTR01

IGD101I SMS ALLOCATED TO DDNAME (SYSUT2 )

DSN (SYS24316.T224657.RA000.CMINQF2A.R0164429 )

STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )

VOL SER NOS= KCTR01

IGD101I SMS ALLOCATED TO DDNAME (SYSUT3 )

DSN (SYS24316.T224657.RA000.CMINQF2A.R0164430 )

STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )

VOL SER NOS= KCTR01

IGD101I SMS ALLOCATED TO DDNAME (SYSUT4 )

DSN (SYS24316.T224657.RA000.CMINQF2A.R0164431 )

STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )

VOL SER NOS= KCTR01

IGD101I SMS ALLOCATED TO DDNAME (SYSUT5 )

DSN (SYS24316.T224657.RA000.CMINQF2A.R0164432 )

STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )

VOL SER NOS= KCTR01

IGD101I SMS ALLOCATED TO DDNAME (SYSUT6 )

```
      DSN (SYS24316.T224657.RA000.CMINQF2A.R0164433      )
      STORCLAS (TEMPSC) MGMTCLAS (          ) DATACLAS (          )
      VOL SER NOS= KCTR01
IGD101I SMS ALLOCATED TO DDNAME (SYSUT7      )
      DSN (SYS24316.T224657.RA000.CMINQF2A.R0164434      )
      STORCLAS (TEMPSC) MGMTCLAS (          ) DATACLAS (          )
      VOL SER NOS= KCTR01
IGD101I SMS ALLOCATED TO DDNAME (SYSUT8      )
      DSN (SYS24316.T224657.RA000.CMINQF2A.R0164435      )
      STORCLAS (TEMPSC) MGMTCLAS (          ) DATACLAS (          )
      VOL SER NOS= KCTR01
IGD101I SMS ALLOCATED TO DDNAME (SYSUT9      )
      DSN (SYS24316.T224657.RA000.CMINQF2A.R0164436      )
      STORCLAS (TEMPSC) MGMTCLAS (          ) DATACLAS (          )
      VOL SER NOS= KCTR01
IGD101I SMS ALLOCATED TO DDNAME (SYSUT10     )
      DSN (SYS24316.T224657.RA000.CMINQF2A.R0164437      )
      STORCLAS (TEMPSC) MGMTCLAS (          ) DATACLAS (          )
      VOL SER NOS= KCTR01
IGD101I SMS ALLOCATED TO DDNAME (SYSUT11     )
      DSN (SYS24316.T224657.RA000.CMINQF2A.R0164438      )
      STORCLAS (TEMPSC) MGMTCLAS (          ) DATACLAS (          )
      VOL SER NOS= KCTR01
IGD101I SMS ALLOCATED TO DDNAME (SYSUT12     )
      DSN (SYS24316.T224657.RA000.CMINQF2A.R0164439      )
      STORCLAS (TEMPSC) MGMTCLAS (          ) DATACLAS (          )
      VOL SER NOS= KCTR01
IGD101I SMS ALLOCATED TO DDNAME (SYSUT13     )
      DSN (SYS24316.T224657.RA000.CMINQF2A.R0164440      )
      STORCLAS (TEMPSC) MGMTCLAS (          ) DATACLAS (          )
      VOL SER NOS= KCTR01
IGD101I SMS ALLOCATED TO DDNAME (SYSUT14     )
      DSN (SYS24316.T224657.RA000.CMINQF2A.R0164441      )
      STORCLAS (TEMPSC) MGMTCLAS (          ) DATACLAS (          )
      VOL SER NOS= KCTR01
IGD101I SMS ALLOCATED TO DDNAME (SYSUT15     )
      DSN (SYS24316.T224657.RA000.CMINQF2A.R0164442      )
      STORCLAS (TEMPSC) MGMTCLAS (          ) DATACLAS (          )
      VOL SER NOS= KCTR01
```

```

IGD101I SMS ALLOCATED TO DDNAME (SYSMDECK)
        DSN (SYS24316.T224657.RA000.CMINQF2A.R0164443      )
        STORCLAS (TEMPSC) MGMTCLAS (          ) DATACLAS (          )
        VOL SER NOS= KCTR01
IGD103I SMS ALLOCATED TO DDNAME SYSIN
IEF285I  VENDOR.PARMLIB                                KEPT
IEF285I  VOL SER NOS= VPMVSD.
IEF285I  SVTSC.PARMLIB                                  KEPT
IEF285I  VOL SER NOS= VTMVSG.
IEF285I  LVL0.PARMLIB                                   KEPT
IEF285I  VOL SER NOS= VTLVL0.
IEF285I  SYS1.PARMLIB                                   KEPT
IEF285I  VOL SER NOS= VIMVSB.
IEF764I CMINQF2A COMPLI COBOL DFHAPIR DFHEIMOD PARMLIB READ FAILED
- MEMBER DFHAPIR NOT FOUND.
IEF285I  VENDOR.PARMLIB                                KEPT
IEF285I  VOL SER NOS= VPMVSD.
IEF285I  SVTSC.PARMLIB                                  KEPT
IEF285I  VOL SER NOS= VTMVSG.
IEF285I  LVL0.PARMLIB                                   KEPT
IEF285I  VOL SER NOS= VTLVL0.
IEF285I  SYS1.PARMLIB                                   KEPT
IEF285I  VOL SER NOS= VIMVSB.
IEF764I CMINQF2A COMPLI COBOL DFHAPIR DFHEIMOD PARMLIB READ FAILED
- MEMBER DFHAPIR NOT FOUND.
IEF142I CMINQF2A COBOL COMPLI - STEP WAS EXECUTED - COND CODE 0000
IEF285I  IGY630.SIGYCOMP                                KEPT
IEF285I  VOL SER NOS= VTIGYL.
IEF285I  DFH610.CICS.SDFHLOAD                            KEPT
IEF285I  VOL SER NOS= VTDFHL.
IEF285I  DFH610.CICS.SDFHCOB                            KEPT
IEF285I  VOL SER NOS= VTDFHL.
IGD104I KC03F2A.DCMAFD02.A5P1.COBOL                      RETAINED,
DDNAME=
IGD104I KC03F2A.DCMAFD02.COPYBOOK.WS.COBOL              RETAINED,
DDNAME=
IGD104I KC03F2A.DCMAFD02.COPYBOOK.PR.COBOL             RETAINED,
DDNAME=
IEF285I  DFH610.CICS.SDFHCOB                            KEPT

```

IEF285I	VOL SER NOS= VTDFHL.	
IEF285I	DFH610.CICS.SDFHMAC	KEPT
IEF285I	VOL SER NOS= VTDFHL.	
IEF285I	DFH610.CICS.SDFHSAMP	KEPT
IEF285I	VOL SER NOS= VTDFHL.	
IEF285I	KC03F2A.CMINQF2A.JOB02751.D0000102.?	SYSOUT
IGD106I	SYS24316.T224657.RA000.CMINQF2A.LOADSET.H01	PASSED,
	DDNAME=SYSLIN	
IGD105I	SYS24316.T224657.RA000.CMINQF2A.R0164428	DELETED,
	DDNAME=SYSUT1	
IGD105I	SYS24316.T224657.RA000.CMINQF2A.R0164429	DELETED,
	DDNAME=SYSUT2	
IGD105I	SYS24316.T224657.RA000.CMINQF2A.R0164430	DELETED,
	DDNAME=SYSUT3	
IGD105I	SYS24316.T224657.RA000.CMINQF2A.R0164431	DELETED,
	DDNAME=SYSUT4	
IGD105I	SYS24316.T224657.RA000.CMINQF2A.R0164432	DELETED,
	DDNAME=SYSUT5	
IGD105I	SYS24316.T224657.RA000.CMINQF2A.R0164433	DELETED,
	DDNAME=SYSUT6	
IGD105I	SYS24316.T224657.RA000.CMINQF2A.R0164434	DELETED,
	DDNAME=SYSUT7	
IGD105I	SYS24316.T224657.RA000.CMINQF2A.R0164435	DELETED,
	DDNAME=SYSUT8	
IGD105I	SYS24316.T224657.RA000.CMINQF2A.R0164436	DELETED,
	DDNAME=SYSUT9	
IGD105I	SYS24316.T224657.RA000.CMINQF2A.R0164437	DELETED,
	DDNAME=SYSUT10	
IGD105I	SYS24316.T224657.RA000.CMINQF2A.R0164438	DELETED,
	DDNAME=SYSUT11	
IGD105I	SYS24316.T224657.RA000.CMINQF2A.R0164439	DELETED,
	DDNAME=SYSUT12	
IGD105I	SYS24316.T224657.RA000.CMINQF2A.R0164440	DELETED,
	DDNAME=SYSUT13	
IGD105I	SYS24316.T224657.RA000.CMINQF2A.R0164441	DELETED,
	DDNAME=SYSUT14	
IGD105I	SYS24316.T224657.RA000.CMINQF2A.R0164442	DELETED,
	DDNAME=SYSUT15	
IGD105I	SYS24316.T224657.RA000.CMINQF2A.R0164443	DELETED,

DDNAME=SYSMDECK

IGD104I *KC03F2A.DCMAFD02.A5P1.COBOL*

RETAINED,

DDNAME=SYSIN

IEF373I STEP/COBOL /START 2024316.2246

IEF032I STEP/COBOL /STOP 2024316.2247

CPU: 0 HR 00 MIN 00.06 SEC SRB: 0 HR 00 MIN  
00.00 SEC

VIRT: 7876K SYS: 540K EXT: 136868K SYS: 13816K

ATB- REAL: 9488K SLOTS:

0K

VIRT- ALLOC: 540M SHRD: 0M

IEF236I ALLOC. FOR CMINQF2A COPYLINK COMPLI

IEF237I 1847 ALLOCATED TO SYSUT1

IGD101I SMS ALLOCATED TO DDNAME (SYSUT2 )

DSN (SYS24316.T224657.RA000.CMINQF2A.COPYLINK.H01)

STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )

VOL SER NOS= KCTR01

IEF237I JES2 ALLOCATED TO SYSPRINT

IEF237I DMY ALLOCATED TO SYSIN

IEF142I CMINQF2A COPYLINK COMPLI - STEP WAS EXECUTED - COND CODE  
0000IEF285I *DFH610.CICS.SDFHSAMP*

KEPT

IEF285I VOL SER NOS= VTDFHL.

IGD106I *SYS24316.T224657.RA000.CMINQF2A.COPYLINK.H01* PASSED,

DDNAME=SYSUT2

IEF285I *KC03F2A.CMINQF2A.JOB02751.D0000103.?*

SYSOUT

IEF373I STEP/COPYLINK/START 2024316.2247

IEF032I STEP/COPYLINK/STOP 2024316.2247

CPU: 0 HR 00 MIN 00.00 SEC SRB: 0 HR 00 MIN  
00.00 SEC

VIRT: 228K SYS: 272K EXT: 12K SYS: 11608K

ATB- REAL: 1308K SLOTS:

0K

VIRT- ALLOC: 22M SHRD: 0M

IEF236I ALLOC. FOR CMINQF2A LKED COMPLI

IEF237I 1847 ALLOCATED TO SYSLIB

IEF237I 1001 ALLOCATED TO

IGD103I SMS ALLOCATED TO DDNAME SYSLMOD

IGD101I SMS ALLOCATED TO DDNAME (SYSUT1 )

```

      DSN (SYS24316.T224657.RA000.CMINQF2A.R0164444      )
      STORCLAS (TEMPSC) MGMTCLAS (      ) DATACLAS (      )
      VOL SER NOS= KCTR01
IEF237I JES2 ALLOCATED TO SYSPRINT
IGD103I SMS ALLOCATED TO DDNAME SYSLIN
IGD103I SMS ALLOCATED TO DDNAME
IEF237I JES2 ALLOCATED TO
IEF142I CMINQF2A LKED COMPLI - STEP WAS EXECUTED - COND CODE 0000
IEF285I   DFH610.CICS.SDFHLOAD                      KEPT
IEF285I   VOL SER NOS= VTDFHL.
IEF285I   CEE.SCEELKED                              KEPT
IEF285I   VOL SER NOS= VTMVSC.
IGD104I TSOECCC.CICSTS12.STUDENT.LOADLIB             RETAINED,
DDNAME=SYSLMOD
IGD105I SYS24316.T224657.RA000.CMINQF2A.R0164444    DELETED,
DDNAME=SYSUT1
IEF285I   KC03F2A.CMINQF2A.JOB02751.D0000104.?      SYSOUT
IGD105I SYS24316.T224657.RA000.CMINQF2A.COPYLINK.H01 DELETED,
DDNAME=SYSLIN
IGD105I SYS24316.T224657.RA000.CMINQF2A.LOADSET.H01 DELETED,
DDNAME=
IEF285I   KC03F2A.CMINQF2A.JOB02751.D0000101.?      SYSIN
IEF373I STEP/LKED      /START 2024316.2247
IEF032I STEP/LKED      /STOP  2024316.2247
      CPU:      0 HR  00 MIN  00.01 SEC      SRB:      0 HR  00 MIN
00.00 SEC
      VIRT:      88K  SYS:      276K  EXT:      1768K  SYS:      11780K
      ATB- REAL:      1316K  SLOTS:
0K
      VIRT- ALLOC:      25M SHRD:      0M
IEF375I JOB/CMINQF2A/START 2024316.2246
IEF033I JOB/CMINQF2A/STOP  2024316.2247
      CPU:      0 HR  00 MIN  00.07 SEC      SRB:      0 HR  00 MIN
00.00 SEC
      NAME &PGM(R)
PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P230918
Date 11/11/2024 Time 22:47:00 Page      1
Invocation parameters:
      NODYNAM,RENT,CICS('COBOL3,SP')

```

## Options in effect:

NOADATA  
  ADV  
  AFP(NOVOLATILE)  
  QUOTE  
  ARCH(8)  
  ARITH(COMPAT)  
NOAWO  
NOBLOCK0  
  BUFSIZE(4096)  
  CICS('COBOL3,SP')  
  CODEPAGE(1140)  
NOCOMPILE(S)  
  CONDCOMP(NOSKIPSRG)  
NOCOPYLOC  
NOCOPYRIGHT  
NOCURRENCY  
  DATA(31)  
  DBCS  
NODECK  
NODEFINE  
NODIAGTRUNC  
  DISPSIGN(COMPAT)  
NODLL  
NODUMP  
NODYNAM  
NOEXIT  
NOEXPORTALL  
NOFASTSRT  
  FLAG(I,I)  
NOFLAGSTD  
  HGPR(PRESERVE)  
NOINITCHECK  
NOINITIAL  
  INLINE  
  INTDATE(ANSI)  
NOINVDATA  
  LANGUAGE(EN)  
  LINECOUNT(60)



NOLIST  
LP(32)  
NOMAP  
MAXPCF(100000)  
NOMDECK  
NONAME  
NSYMBOL(NATIONAL)  
NONUMBER  
NONUMCHECK  
NUMPROC(NOPFD)  
OBJECT  
NOOFFSET  
OPTIMIZE(0)  
OUTDD(SYSOUT)  
NOPARMCHECK  
PGMNAME(COMPAT)  
PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P230918  
Date 11/11/2024 Time 22:47:00 Page 2  
QUALIFY(COMPAT)  
RENT  
RMODE(AUTO)  
NORULES  
NOSERVICE  
SEQUENCE  
SOURCE(DEC)  
SPACE(1)  
NOSQL  
SQLCCSID  
NOSQLIMS  
NOSSRANGE  
NOSTGOPT  
SUPPRESS  
NOTERM  
NOTEST(NODWARF,NOSOURCE,NOSEPARATE)  
NOTHREAD  
TRUNC(STD)  
TUNE(8)  
NOVBREF  
VLR(STANDARD)

VSAMOPENFS (COMPAT)  
 NOWORD  
 XMLPARSE (XMLSS)  
 XREF (FULL)  
 ZWB  
 CICS Options in effect:

CICS  
 DEBUG  
 EDF  
 SP  
 NATLANG (EN)  
 APOST  
 NOSYSEIB  
 NOFEPI  
 NOCPSP  
 LINKAGE  
 COBOL3  
 LENGTH

PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P230918

CMINQF2A Date 11/11/2024 Time 22:47:00 Page 3

LineID PL SL ----+\*A-1-B--+----2----+----3----+----4----  
 +----5----+----6----+----7-|-+----8 Map and Cross Reference

000001		IDENTIFICATION DIVISION.	
000002		PROGRAM-ID. CMINQF2A.	
000003		AUTHOR. TALENT NYOTA.	
000004		DATE-WRITTEN. 11-11-2024.	
000005		*PROGRAM DESCRIPTION: COBOL source file for	
CMINQ program			
000006	*		
000007	*		
000008		ENVIRONMENT DIVISION.	
000009	*		
000010		DATA DIVISION.	
000011	*		
000012		WORKING-STORAGE SECTION.	
000013	*		
000014		01 WS-COMMUNICATION-AREA	PIC X
VALUE SPACES.		IMP	
000015	*		

```

000016      01 WS-CNSTS.
000017      05 WS-TRUE-CNST          PIC X
VALUE 'Y'.
000018      05 WS-FALSE-CNST       PIC X
VALUE 'N'.
000019      05 WS-YES-CNST        PIC X
VALUE 'Y'.
000020      05 WS-NO-CNST          PIC X
VALUE 'N'.
000021      05 WS-OPEN-CNST       PIC X
VALUE 'Y'.
000022      05 WS-CLOSED-CNST    PIC X
VALUE 'N'.
000023      *
000024      01 WS-CICS-CNSTS.
000025      05 WS-MEN-PROGRAM-CNST  PIC
X(08) VALUE 'UUMENYYY'.
000026      05 WS-INQ-TRANSID-CNST PIC
X(04) VALUE 'IF2A'.
000027      05 WS-INQ-MAPSET-CNST PIC
X(08) VALUE 'INQSF2A '.
000028      05 WS-INQ-MAP-CNST    PIC
X(08) VALUE 'INQMF2A '.
000029      *
000030      01 WS-FILE-CNSTS.
000031      05 WS-CMF-FILE-NAME-CNST PIC
X(08) VALUE 'CMFF2A '.
000032      *
000033      01 WS-FLAGS.
000034      05 WS-VALID-DATA-FLAG    PIC X
      88 WS-VALID-DATA-88
VALUE 'Y'.
      88 WS-SEND-FLAG          PIC X.
      88 WS-SEND-ERASE-88
VALUE 'Y'.
      88 WS-SEND-DATAONLY-88
      88 WS-SEND-DATAONLY-ALARM-88
      88
VALUE '1'.
      88
VALUE '2'.
      88
000039

```

```

VALUE '3'.
000040      *
000041      01 WS-RESPONSE-CODES.
000042      05 WS-RESPONSE-CODE          PIC
S9(8)  COMP VALUE 0.
000043      05 WS-RESPONSE-CODE2        PIC
S9(8)  COMP VALUE 0.
000044      *
000045      01 WS-END-OF-SESSION-MESSAGE  PIC
X(13)
000046      VALUE 'Session ended'.
000047      *
000048      01 WS-USER-MESSAGES.
000049      *          -----1-----2-----
+-----3-----+-----4
000050      05 WS-KEY-INVALID.
000051      10 FILLER          PIC
X(40)
000052      VALUE 'Invalid key pressed.'
.
000053      10 FILLER          PIC
X(39)
000054      VALUE SPACES.
IMP
000055      *          -----1-----2-----
+-----3-----+-----4
000056      05 WS-ENTER-CUST-NBR.
000057      10 FILLER          PIC
X(40)
PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P230918
CMINQF2A  Date 11/11/2024  Time 22:47:00  Page 4
LineID  PL SL  ----+*A-1-B--+-----2-----+-----3-----+-----4-----
+-----5-----+-----6-----+-----7-|-+-----8 Map and Cross Reference
000058      VALUE 'You must enter a
customer number.'
000059      10 FILLER          PIC
X(39)
000060      VALUE SPACES.
IMP

```

```

000061          *          -----1-----2-----
+-----3-----+-----4
000062          05 WS-CUST-DOES-NOT-EXIST.
000063          10 FILLER                      PIC
X(40)
000064          VALUE 'That customer does not
exist.'
000065          10 FILLER                      PIC
X(39)
000066          VALUE SPACES.
IMP
000067          *
000068          COPY ATTR.
000069C         01 ATTRIBUTE-DEFINITIONS.
000070C         *
000071C         05 ATTR-UNPROT                      PIC X
VALUE ' '.
000072C         05 ATTR-UNPROT-MDT                  PIC X
VALUE X'C1'.
000073C         05 ATTR-UNPROT-BRT                  PIC X
VALUE X'C8'.
000074C         05 ATTR-UNPROT-BRT-MDT              PIC X
VALUE X'C9'.
000075C         05 ATTR-UNPROT-DARK                  PIC X
VALUE X'4C'.
000076C         05 ATTR-UNPROT-DARK-MDT              PIC X
VALUE X'4D'.
000077C         05 ATTR-UNPROT-NUM                    PIC X
VALUE X'50'.
000078C         05 ATTR-UNPROT-NUM-MDT              PIC X
VALUE X'D1'.
000079C         05 ATTR-UNPROT-NUM-BRT              PIC X
VALUE X'D8'.
000080C         05 ATTR-UNPROT-NUM-BRT-MDT          PIC X
VALUE X'D9'.
000081C         05 ATTR-UNPROT-NUM-DARK              PIC X
VALUE X'5C'.
000082C         05 ATTR-UNPROT-NUM-DARK-MDT          PIC X
VALUE X'5D'.

```

000083C		05	ATTR-PROT	PIC X
VALUE X'60'.				
000084C		05	ATTR-PROT-MDT	PIC X
VALUE X'61'.				
000085C		05	ATTR-PROT-BRT	PIC X
VALUE X'E8'.				
000086C		05	ATTR-PROT-BRT-MDT	PIC X
VALUE X'E9'.				
000087C		05	ATTR-PROT-DARK	PIC X
VALUE '%'.				
000088C		05	ATTR-PROT-DARK-MDT	PIC X
VALUE X'6D'.				
000089C		05	ATTR-PROT-SKIP	PIC X
VALUE X'F0'.				
000090C		05	ATTR-PROT-SKIP-MDT	PIC X
VALUE X'F1'.				
000091C		05	ATTR-PROT-SKIP-BRT	PIC X
VALUE X'F8'.				
000092C		05	ATTR-PROT-SKIP-BRT-MDT	PIC X
VALUE X'F9'.				
000093C		05	ATTR-PROT-SKIP-DARK	PIC X
VALUE X'7C'.				
000094C		05	ATTR-PROT-SKIP-DARK-MDT	PIC X
VALUE X'7D'.				
000095C	*			
000096C		05	ATTR-NO-HIGHLIGHT	PIC X
VALUE X'00'.				
000097C		05	ATTR-BLINK	PIC X
VALUE '1'.				
000098C		05	ATTR-REVERSE	PIC X
VALUE '2'.				
000099C		05	ATTR-UNDERSCORE	PIC X
VALUE '4'.				
000100C	*			
000101C		05	ATTR-DEFAULT-COLOR	PIC X
VALUE X'00'.				
000102C		05	ATTR-BLUE	PIC X
VALUE '1'.				
000103C		05	ATTR-RED	PIC X

VALUE '2'.		
000104C	05 ATTR-PINK	PIC X
VALUE '3'.		
000105C	05 ATTR-GREEN	PIC X
VALUE '4'.		
000106C	05 ATTR-TURQUOISE	PIC X
VALUE '5'.		
000107C	05 ATTR-YELLOW	PIC X
VALUE '6'.		
000108C	05 ATTR-NEUTRAL	PIC X

VALUE '7'.		
000109C	*	
000110	*	
000111	COPY DFHAID.	
000112C		

\*\*\*\*\*

000113C	*	
---------	---	--

\*

000114C	*	
---------	---	--

\*

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LineID	PL	SL	-----*	A-1-B--	-----2----	-----3----	-----4----
+-----5-----+-----6-----+-----7- -----8 Map and Cross Reference							

000115C	*	
---------	---	--

\*

000116C	*	Licensed Materials - Property of IBM
---------	---	--------------------------------------

\*

000117C	*	
---------	---	--

\*

000118C	*	"Restricted Materials of IBM"
---------	---	-------------------------------

\*

000119C	*	
---------	---	--

\*

000120C	*	5655-YA1
---------	---	----------

\*

000121C	*	
---------	---	--

\*

000122C	*	(C) Copyright IBM Corp. 1988, 2022"
---------	---	-------------------------------------

```
*
000123C      *
*
000124C      *
*
000125C      *
*
000126C      *
*
000127C      *   STATUS = 7.4.0
*
000128C      *
*
000129C      * CHANGE ACTIVITY :
*
000130C      *
*
000131C      *   $SEG(DFHAID),COMP(BMS),PROD(CICS TS ):
*
000132C      *
*
000133C      *   PN= REASON REL YYMMDD HDXXIII : REMARKS
*
000134C      * $D1= I07991 670 100820 HDIGPG : Translate
unprintable char *
000135C      * $L0= Base   210 88      HD1MA   : Base
*
000136C      *   R169962 740 220304 HDPJEM : Fix
special chars      *
000137C      *
*
000138C
*****
000139C      *
000140C      *
000141C      01   DFHAID.
000142C      02   DFHNULL   PIC  X   VALUE IS X'00'.
000143C      02   DFHENTER  PIC  X   VALUE IS ' ' '.
000144C      02   DFHCLEAR  PIC  X   VALUE IS ' _ '.
```



```

000145C          02 DFHCLRP    PIC X  VALUE IS X'6A'.
000146C          * UPDATED DFHCLRP TO USE CHAR CODE
@R169962C
000147C          02 DFHPEN    PIC X  VALUE IS '='.
000148C          02 DFHOPID    PIC X  VALUE IS 'W'.
000149C          02 DFHMSRE    PIC X  VALUE IS 'X'.
000150C          02 DFHSTRF    PIC X  VALUE IS 'h'.
000151C          02 DFHTRIG    PIC X  VALUE IS ' '.
000152C          02 DFHPA1     PIC X  VALUE IS '%'.
000153C          02 DFHPA2     PIC X  VALUE IS '>'.
000154C          02 DFHPA3     PIC X  VALUE IS ','.
000155C          02 DFHPF1     PIC X  VALUE IS '1'.
000156C          02 DFHPF2     PIC X  VALUE IS '2'.
000157C          02 DFHPF3     PIC X  VALUE IS '3'.
000158C          02 DFHPF4     PIC X  VALUE IS '4'.
000159C          02 DFHPF5     PIC X  VALUE IS '5'.
000160C          02 DFHPF6     PIC X  VALUE IS '6'.
000161C          02 DFHPF7     PIC X  VALUE IS '7'.
000162C          02 DFHPF8     PIC X  VALUE IS '8'.
000163C          02 DFHPF9     PIC X  VALUE IS '9'.
000164C          02 DFHPF10    PIC X  VALUE IS ':'.
000165C          02 DFHPF11    PIC X  VALUE IS '#'.
000166C          02 DFHPF12    PIC X  VALUE IS '@'.
000167C          02 DFHPF13    PIC X  VALUE IS 'A'.
000168C          02 DFHPF14    PIC X  VALUE IS 'B'.
000169C          02 DFHPF15    PIC X  VALUE IS 'C'.
000170C          02 DFHPF16    PIC X  VALUE IS 'D'.
000171C          02 DFHPF17    PIC X  VALUE IS 'E'.

```

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```

LineID  PL SL  ----+--*A-1-B--+----2-----+----3-----+----4-----
+-----5-----+-----6-----+-----7-|-+-----8 Map and Cross Reference

```

```

000172C          02 DFHPF18    PIC X  VALUE IS 'F'.
000173C          02 DFHPF19    PIC X  VALUE IS 'G'.
000174C          02 DFHPF20    PIC X  VALUE IS 'H'.
000175C          02 DFHPF21    PIC X  VALUE IS 'I'.
000176C          02 DFHPF22    PIC X  VALUE IS X'4A'.
000177C          * UPDATED DFHPF22 TO USE CHAR CODE
@R169962C

```

```

000178C          02 DFHPF23 PIC X VALUE IS '.'.
000179C          02 DFHPF24 PIC X VALUE IS '<.'.
000180C          *
000181C          COPY ERRORSWS.
000182C          *
000183C
*****
000184C          *
000185C          * VARIABLES FOR USE WITH GENERAL ERROR MSG
HANDLING (SINGLE LINE)
000186C          *
000187C
*****
000188C          *
000189C          01 WS-GM-GENERAL-ERROR-MSG.
000190C          05 WS-GM-RESP PIC
S9(8) COMP.
000191C          05 WS-GM-RESP2 PIC
S9(8) COMP.
000192C          05 WS-GM-TRNID PIC
X(4).
000193C          05 WS-GM-RSRCE PIC
X(8).
000194C          05 WS-GM-MSG PIC
X(68).
000195C          *
000196C
*****
000197C          *
000198C          * VARIABLES FOR USE WITH ERROR MSG HANDLING
(EIGHT LINES)
000199C          *
000200C
*****
000201C          *
000202C          01 WS-EM-ERROR-MESSAGE.
000203C          05 WS-EM-ERROR-LINE-1.
000204C          *          -----1-----2-----
+-----3-----+-----4

```

000205C	10 FILLER	PIC
X(40)		
000206C	VALUE 'ERROR:Review details and	
correct problem'.		
000207C	10 FILLER	PIC
X(39)		
000208C	VALUE ' in program or in the	
resource used. '.		
000209C	-----+-----1-----+-----2-----	
+-----3-----+-----		
000210C	05 WS-EM-ERROR-LINE-2	PIC
X(79) VALUE SPACE.	IMP	
000211C	05 WS-EM-ERROR-LINE-3.	
000212C	10 FILLER	PIC
X(11)		
000213C	VALUE 'EIBRESP = '.	
000214C	10 WS-EM-RESP	PIC
Z(08)9.		
000215C	10 FILLER	PIC
X(59) VALUE SPACE.	IMP	
000216C	05 WS-EM-ERROR-LINE-4.	
000217C	10 FILLER	PIC
X(11)		
000218C	VALUE 'EIBRESP2 = '.	
000219C	10 WS-EM-RESP2	PIC
Z(08)9.		
000220C	10 FILLER	PIC
X(59) VALUE SPACE.	IMP	
000221C	05 WS-EM-ERROR-LINE-5.	
000222C	10 FILLER	PIC
X(11)		
000223C	VALUE 'EIBTRNID = '.	
000224C	10 WS-EM-TRNID	PIC
X(04).		
000225C	10 FILLER	PIC
X(64) VALUE SPACE.	IMP	
000226C	05 WS-EM-ERROR-LINE-6.	
000227C	10 FILLER	PIC
X(11)		

```

000228C                                VALUE 'EIBRSRCE = '.
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CMINQF2A Date 11/11/2024 Time 22:47:00 Page 7
LineID  PL SL  ----+*A-1-B--+----2-----+----3-----+----4-----
+----5-----+----6-----+----7-|-+----8 Map and Cross Reference
000229C                                10 WS-EM-RSRCE                                PIC
X(08).
000230C                                10 FILLER                                PIC
X(60) VALUE SPACE.                      IMP
000231C                                05 WS-EM-ERROR-LINE-7.
000232C                                10 FILLER                                PIC
X(11)
000233C                                VALUE 'MESSAGE = '.
000234C                                10 WS-EM-MSG                                PIC
X(68).
000235C                                05 WS-EM-ERROR-LINE-8                        PIC
X(79) VALUE SPACE.                      IMP
000236C                                *
000237C
*****
000238C                                *
000239C                                * VARIABLES FOR USE WITH HANDLE ABEND LOGIC
000240C                                *
000241C
*****
000242C                                *
000243C                                01 WS-HA-HANDLE-ABEND-MSG.
000244C                                05 WS-HA-MSG-T1                                PIC
X(79) VALUE SPACES.                      IMP
000245C                                05 WS-HA-MSG-T2                                PIC
X(79) VALUE SPACES.                      IMP
000246C                                05 WS-HA-MSG-T3                                PIC
X(79) VALUE SPACES.                      IMP
000247C                                05 WS-HA-MSG-T4                                PIC
X(79) VALUE SPACES.                      IMP
000248C                                05 WS-HA-MSG-T5                                PIC
X(79) VALUE SPACES.                      IMP
000249C                                05 WS-HA-MSG-T6                                PIC
X(79) VALUE SPACES.                      IMP

```

000250C	05	WS-HA-MSG-T7	PIC
X(79) VALUE SPACES.		IMP	
000251C	05	WS-HA-MSG-T8	PIC
X(79) VALUE SPACES.		IMP	
000252C	*		
000253C	01	WS-HANDLE-ABEND-MSGS.	
000254C	05	WS-HA-UNEXPECTED-ABEND	PIC
X(20)			
000255C		VALUE 'ABEND UNEXPECTED'.	
000256C	*	-----+-----0-----+-----1	
000257C	05	WS-HA-UNHANDLED-ABEND	PIC
X(20)			
000258C		VALUE 'ABEND UNHANDLED'.	
000259C	*	-----+-----0-----+-----1	
000260C	01	WS-HA-EXEC-TEXT.	
000261C	05	WS-HA-EXEC-TEXT-T1	PIC
X(79) VALUE SPACES.		IMP	
000262C	05	WS-HA-EXEC-TEXT-T2	PIC
X(79) VALUE SPACES.		IMP	
000263C	05	WS-HA-EXEC-TEXT-T3	PIC
X(79) VALUE SPACES.		IMP	
000264C	05	WS-HA-EXEC-TEXT-T4	PIC
X(79) VALUE SPACES.		IMP	
000265C	05	WS-HA-EXEC-TEXT-T5	PIC
X(79) VALUE SPACES.		IMP	
000266C	05	WS-HA-EXEC-TEXT-T6	PIC
X(79) VALUE SPACES.		IMP	
000267C	05	WS-HA-EXEC-TEXT-T7	PIC
X(79) VALUE SPACES.		IMP	
000268C	05	WS-HA-EXEC-TEXT-T8	PIC
X(79) VALUE SPACES.		IMP	
000269C	*		
000270C	01	WS-HA-ERR-MSG-NBRS.	
000271C	05	WS-HA-ERR-MSG-FILENOTFOUND	PIC
9(3) VALUE 12.			
000272C	05	WS-HA-ERR-MSG-PGMIDERR	PIC
9(3) VALUE 27.			
000273C	05	WS-HA-ERR-MSG-TRANSIDERR	PIC
9(3) VALUE 28.			

```
000274C                                05 WS-HA-ERR-MSG-MAPFAIL          PIC
9(3)  VALUE 36.
000275C                                *
000276C
*****
000277C                                *
000278C                                * VARIABLES FOR USE WITH RESPONSE TEXT TABLE
LOOKUP LOGIC
000279C                                * WRITTEN BY - GREGORY OAKES - 2021-APR-15
000280C                                *
000281C
*****
000282C                                * TRANSLATE EXEC CICS COMMANDS FROM NUMERIC
VALUES TO X(15) TEXT
000283C                                * IN CICS PROGRAMS AND DISPLAY ERROR MESSAGE
TO DECODE CODE ISSUES
000284C                                * OR HELP DEBUG ABEND ISSUES.
000285C                                *
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000286C
*****
000287C                                *
123456789012345
000288C                                01 WS-RT-MSG-TABLE-DATA.
000289C                                05 WS-RT-001-ERROR          PIC X(15)
VALUE "ERROR          ".
000290C                                05 WS-RT-002-RDATT          PIC X(15)
VALUE "RDATT         ".
000291C                                05 WS-RT-003-WRBRK          PIC X(15)
VALUE "WRBRK        ".
000292C                                05 WS-RT-004-EOF           PIC X(15)
VALUE "EOF          ".
000293C                                05 WS-RT-005-EODS           PIC X(15)
VALUE "EODS         ".
000294C                                05 WS-RT-006-EOC            PIC X(15)
VALUE "EOC          ".
```

000295C		05 WS-RT-007-INBFMH	PIC X(15)
VALUE "INBFMH	".		
000296C		05 WS-RT-008-ENDINPT	PIC X(15)
VALUE "ENDINPT	".		
000297C		05 WS-RT-009-NONVAL	PIC X(15)
VALUE "NONVAL	".		
000298C		05 WS-RT-010-NOSTART	PIC X(15)
VALUE "NOSTART	".		
000299C		05 WS-RT-011-TERMIDERR	PIC X(15)
VALUE "TERMIDERR	".		
000300C		05 WS-RT-012-FILENOTFOUND	PIC X(15)
VALUE "FILENOTFOUND	".		
000301C		05 WS-RT-013-NOTFND	PIC X(15)
VALUE "NOTFND	".		
000302C		05 WS-RT-014-DUPREC	PIC X(15)
VALUE "DUPREC	".		
000303C		05 WS-RT-015-DUPKEY	PIC X(15)
VALUE "DUPKEY	".		
000304C		05 WS-RT-016-INVREQ	PIC X(15)
VALUE "INVREQ	".		
000305C		05 WS-RT-017-IOERR	PIC X(15)
VALUE "IOERR	".		
000306C		05 WS-RT-018-NOSPACE	PIC X(15)
VALUE "NOSPACE	".		
000307C		05 WS-RT-019-NOTOPEN	PIC X(15)
VALUE "NOTOPEN	".		
000308C		05 WS-RT-020-ENDFILE	PIC X(15)
VALUE "ENDFILE	".		
000309C		05 WS-RT-021-ILLOGIC	PIC X(15)
VALUE "ILLOGIC	".		
000310C		05 WS-RT-022-LENGERR	PIC X(15)
VALUE "LENGERR	".		
000311C		05 WS-RT-023-QZERO	PIC X(15)
VALUE "QZERO	".		
000312C		05 WS-RT-024-SIGNAL	PIC X(15)
VALUE "SIGNAL	".		
000313C		05 WS-RT-025-QBUSY	PIC X(15)
VALUE "QBUSY	".		
000314C		05 WS-RT-026-ITEMERR	PIC X(15)

VALUE "ITEMERR 000315C	".	05 WS-RT-027-PGMIDERR	PIC X(15)
VALUE "PGMIDERR 000316C	".	05 WS-RT-028-TRANSIDERR	PIC X(15)
VALUE "TRANSIDERR 000317C	".	05 WS-RT-029-ENDDATA	PIC X(15)
VALUE "ENDDATA 000318C	".	05 WS-RT-030-INVTSREQ	PIC X(15)
VALUE "INVTSREQ 000319C	".	05 WS-RT-031-EXPIRED	PIC X(15)
VALUE "EXPIRED 000320C	".	05 WS-RT-032-RETPAGE	PIC X(15)
VALUE "RETPAGE 000321C	".	05 WS-RT-033-RTEFAIL	PIC X(15)
VALUE "RTEFAIL 000322C	".	05 WS-RT-034-RTESOME	PIC X(15)
VALUE "RTESOME 000323C	".	05 WS-RT-035-TSIOERR	PIC X(15)
VALUE "TSIOERR 000324C	".	05 WS-RT-036-MAPFAIL	PIC X(15)
VALUE "MAPFAIL 000325C	".	05 WS-RT-037-INVERRTERM	PIC X(15)
VALUE "INVERRTERM 000326C	".	05 WS-RT-038-INVMPsz	PIC X(15)
VALUE "INVMPsz 000327C	".	05 WS-RT-039-IGREQID	PIC X(15)
VALUE "IGREQID 000328C	".	05 WS-RT-040-OVERFLOW	PIC X(15)
VALUE "OVERFLOW 000329C	".	05 WS-RT-041-INVLDC	PIC X(15)
VALUE "INVLDC 000330C	".	05 WS-RT-042-NOSTG	PIC X(15)
VALUE "NOSTG 000331C	".	05 WS-RT-043-JIDERR	PIC X(15)
VALUE "JIDERR 000332C	".	05 WS-RT-044-QIDERR	PIC X(15)
VALUE "QIDERR 000333C	".	05 WS-RT-045-NOJBUFSP	PIC X(15)
VALUE "NOJBUFSP	".		



000334C		05 WS-RT-046-DSSTAT	PIC X(15)
VALUE "DSSTAT	".		
000335C		05 WS-RT-047-SELNERR	PIC X(15)
VALUE "SELNERR	".		
000336C		05 WS-RT-048-FUNCERR	PIC X(15)
VALUE "FUNCERR	".		
000337C		05 WS-RT-049-UNEXPIN	PIC X(15)
VALUE "UNEXPIN	".		
000338C		05 WS-RT-050-NOPASSBKRD	PIC X(15)
VALUE "NOPASSBKRD	".		
000339C		05 WS-RT-051-NOPASSBKWR	PIC X(15)
VALUE "NOPASSBKWR	".		
000340C		05 WS-RT-052-SEGIDERR	PIC X(15)
VALUE "SEGIDERR	".		
000341C		05 WS-RT-053-SYSIDERR	PIC X(15)
VALUE "SYSIDERR	".		
000342C		05 WS-RT-054-ISCINVREQ	PIC X(15)
VALUE "ISCINVREQ	".		
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000343C		05 WS-RT-055-ENQBUSY	PIC X(15)
VALUE "ENQBUSY	".		
000344C		05 WS-RT-056-ENVDEFERR	PIC X(15)
VALUE "ENVDEFERR	".		
000345C		05 WS-RT-057-IGREQCD	PIC X(15)
VALUE "IGREQCD	".		
000346C		05 WS-RT-058-SESSIONERR	PIC X(15)
VALUE "SESSIONERR	".		
000347C		05 WS-RT-059-SYSBUSY	PIC X(15)
VALUE "SYSBUSY	".		
000348C		05 WS-RT-060-SESSBUSY	PIC X(15)
VALUE "SESSBUSY	".		
000349C		05 WS-RT-061-NOTALLOC	PIC X(15)
VALUE "NOTALLOC	".		
000350C		05 WS-RT-062-CBIDERR	PIC X(15)
VALUE "CBIDERR	".		
000351C		05 WS-RT-063-INVEXITREQ	PIC X(15)

VALUE "INVEXITREQ 000352C	".	05 WS-RT-064-INVPARTNSET	PIC X(15)
VALUE "INVPARTNSET 000353C	".	05 WS-RT-065-INVPARTN	PIC X(15)
VALUE "INVPARTN 000354C	".	05 WS-RT-066-PARTNFAIL	PIC X(15)
VALUE "PARTNFAIL 000355C	".	05 WS-RT-067-NOTUSED	PIC X(15)
VALUE "NOTUSED 000356C	".	05 WS-RT-068-NOTUSED	PIC X(15)
VALUE "NOTUSED 000357C	".	05 WS-RT-069-USERIDERR	PIC X(15)
VALUE "USERIDERR 000358C	".	05 WS-RT-070-NOTAUTH	PIC X(15)
VALUE "NOTAUTH 000359C	".	05 WS-RT-071-VOLIDERR	PIC X(15)
VALUE "VOLIDERR 000360C	".	05 WS-RT-072-SUPPRESSED	PIC X(15)
VALUE "SUPPRESSED 000361C	".	05 WS-RT-073-NOTUSED	PIC X(15)
VALUE "NOTUSED 000362C	".	05 WS-RT-074-NOTUSED	PIC X(15)
VALUE "NOTUSED 000363C	".	05 WS-RT-075-RESIDERR	PIC X(15)
VALUE "RESIDERR 000364C	".	05 WS-RT-076-NOTUSED	PIC X(15)
VALUE "NOTUSED 000365C	".	05 WS-RT-077-NOTUSED	PIC X(15)
VALUE "NOTUSED 000366C	".	05 WS-RT-078-NOTUSED	PIC X(15)
VALUE "NOTUSED 000367C	".	05 WS-RT-079-NOTUSED	PIC X(15)
VALUE "NOTUSED 000368C	".	05 WS-RT-080-NOSP00L	PIC X(15)
VALUE "NOSP00L 000369C	".	05 WS-RT-081-TERMERR	PIC X(15)
VALUE "TERMERR 000370C	".	05 WS-RT-082-ROLLEDBACK	PIC X(15)
VALUE "ROLLEDBACK	".		

000371C		05 WS-RT-083-END	PIC X(15)
VALUE "END	".		
000372C		05 WS-RT-084-DISABLED	PIC X(15)
VALUE "DISABLED	".		
000373C		05 WS-RT-085-ALLOCERR	PIC X(15)
VALUE "ALLOCERR	".		
000374C		05 WS-RT-086-STRELERR	PIC X(15)
VALUE "STRELERR	".		
000375C		05 WS-RT-087-OPENERR	PIC X(15)
VALUE "OPENERR	".		
000376C		05 WS-RT-088-SPOLBUSY	PIC X(15)
VALUE "SPOLBUSY	".		
000377C		05 WS-RT-089-SPOLERR	PIC X(15)
VALUE "SPOLERR	".		
000378C		05 WS-RT-090-NODEIDERR	PIC X(15)
VALUE "NODEIDERR	".		
000379C		05 WS-RT-091-TASKIDERR	PIC X(15)
VALUE "TASKIDERR	".		
000380C		05 WS-RT-092-TCIDERR	PIC X(15)
VALUE "TCIDERR	".		
000381C		05 WS-RT-093-DSNNOTFOUND	PIC X(15)
VALUE "DSNNOTFOUND	".		
000382C		05 WS-RT-094-LOADING	PIC X(15)
VALUE "LOADING	".		
000383C		05 WS-RT-095-MODELIDERR	PIC X(15)
VALUE "MODELIDERR	".		
000384C		05 WS-RT-096-OUTDESCRERR	PIC X(15)
VALUE "OUTDESCRERR	".		
000385C		05 WS-RT-097-PARTNERIDERR	PIC X(15)
VALUE "PARTNERIDERR	".		
000386C		05 WS-RT-098-PROFILEIDERR	PIC X(15)
VALUE "PROFILEIDERR	".		
000387C		05 WS-RT-099-NETNAMEIDERR	PIC X(15)
VALUE "NETNAMEIDERR	".		
000388C		05 WS-RT-100-LOCKED	PIC X(15)
VALUE "LOCKED	".		
000389C		05 WS-RT-101-RECORDBUSY	PIC X(15)
VALUE "RECORDBUSY	".		
000390C		05 WS-RT-102-UOWNOTFOUND	PIC X(15)

VALUE "UOWNOTFOUND	".	05 WS-RT-103-UOWLNOTFOUND	PIC X(15)
000391C			
VALUE "UOWLNOTFOUND	".	05 WS-RT-104-LINKABEND	PIC X(15)
000392C			
VALUE "LINKABEND	".	05 WS-RT-105-CHANGED	PIC X(15)
000393C			
VALUE "CHANGED	".	05 WS-RT-106-PROCESSBUSY	PIC X(15)
000394C			
VALUE "PROCESSBUSY	".	05 WS-RT-107-ACTIVITYBUSY	PIC X(15)
000395C			
VALUE "ACTIVITYBUSY	".	05 WS-RT-108-PROCESSERR	PIC X(15)
000396C			
VALUE "PROCESSERR	".	05 WS-RT-109-ACTIVITYERR	PIC X(15)
000397C			
VALUE "ACTIVITYERR	".	05 WS-RT-110-CONTAINERERR	PIC X(15)
000398C			
VALUE "CONTAINERERR	".	05 WS-RT-111-EVENTERR	PIC X(15)
000399C			
VALUE "EVENTERR	".		
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000400C		05 WS-RT-112-TOKENERR	PIC X(15)
VALUE "TOKENERR	".		
000401C		05 WS-RT-113-NOTFINISHED	PIC X(15)
VALUE "NOTFINISHED	".		
000402C		05 WS-RT-114-POOLERR	PIC X(15)
VALUE "POOLERR	".		
000403C		05 WS-RT-115-TIMERERR	PIC X(15)
VALUE "TIMERERR	".		
000404C		05 WS-RT-116-SYMBOLERR	PIC X(15)
VALUE "SYMBOLERR	".		
000405C		05 WS-RT-117-TEMPLATERR	PIC X(15)
VALUE "TEMPLATERR	".		
000406C		05 WS-RT-118-NOTSUPERUSER	PIC X(15)
VALUE "NOTSUPERUSER	".		
000407C		05 WS-RT-119-CSDERR	PIC X(15)
VALUE "CSDERR	".		

000408C		05 WS-RT-120-DUPRES	PIC X(15)
VALUE "DUPRES	".		
000409C		05 WS-RT-121-RESUNAVAIL	PIC X(15)
VALUE "RESUNAVAIL	".		
000410C		05 WS-RT-122-CHANNELERR	PIC X(15)
VALUE "CHANNELERR	".		
000411C		05 WS-RT-123-CCSIDERR	PIC X(15)
VALUE "CCSIDERR	".		
000412C		05 WS-RT-124-TIMEDOUT	PIC X(15)
VALUE "TIMEDOUT	".		
000413C		05 WS-RT-125-CODEPAGEERR	PIC X(15)
VALUE "CODEPAGEERR	".		
000414C		05 WS-RT-126-INCOMPLETE	PIC X(15)
VALUE "INCOMPLETE	".		
000415C		05 WS-RT-127-APPNOTFOUND	PIC X(15)
VALUE "APPNOTFOUND	".		
000416C	*		
123456789012345			
000417C	*		
000418C		01 WS-RT-MSG-TABLE-DATA-R REDEFINES WS-RT-	
MSG-TABLE-DATA.		288	
000419C		05 WS-RT-MSG-NBR-TEXT	PIC X(15)
OCCURS 127 TIMES.			
000420C	*		
000421C		01 WS-RT-RESP-NBR	PIC S9(8)
VALUE 0.			
000422C		88 WS-RT-RESP-NBR-VALID-88	VALUE 1 THRU
127.			
000423C	*		
000424C		01 WS-RT-RESP-NBR-INVALID-MSG	PIC X(15)
VALUE "INVALIDNBR".			
000425C	*		
000426C		01 WS-RT-MSG.	
000427C		05 WS-RT-MSG-HDR	PIC X(15)
VALUE SPACES.		IMP	
000428C		05 WS-RT-MSG-RESP-NBR	PIC S9(8)
VALUE 0.			
000429C		05 WS-RT-MSG-T1	PIC X(15)
VALUE SPACES.		IMP	

```
000430C          05 WS-RT-MSG-T2          PIC X(30)
VALUE SPACES.          IMP
000431C          *
000432C          01 WS-RT-MSG-HEADER      PIC X(30)
VALUE SPACES.          IMP
000433C          *
000434C          01 WS-RT-MSG-NORMAL      PIC X(30)
VALUE SPACES.          IMP
000435C          *
000436C          01 WS-RT-MSG-OTHER      PIC X(30)
VALUE SPACES.          IMP
000437C          *
000438C
```

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```
000439C          *
000440C          *
000441C          COPY INQSF2A.
000442C          01 INQMF2AI.
000443C              02 FILLER PIC X(12).
000444C              02 TRANIDL    COMP PIC S9(4).
000445C              02 TRANIDF    PICTURE X.
000446C              02 FILLER REDEFINES TRANIDF.
445
000447C              03 TRANIDA    PICTURE X.
000448C              02 FILLER    PICTURE X(2).
000449C              02 TRANIDI    PIC X(4).
000450C              02 CUSTNOL    COMP PIC S9(4).
000451C              02 CUSTNOF    PICTURE X.
000452C              02 FILLER REDEFINES CUSTNOF.
```

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451
000453C              03 CUSTNOA    PICTURE X.
000454C              02 FILLER    PICTURE X(2).
000455C              02 CUSTNOI    PIC X(6).
000456C              02 LNAMEL    COMP PIC S9(4).
```

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000457C              02 LNAMEF    PICTURE X.
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000458C
457
000459C
000460C
000461C
000462C
000463C
000464C
463
000465C
000466C
000467C
000468C
000469C
000470C
469
000471C
000472C
000473C
000474C
000475C
000476C
475
000477C
000478C
000479C
000480C
000481C
000482C
481
000483C
000484C
000485C
000486C
000487C
000488C
487
000489C
000490C

02 FILLER REDEFINES LNAMEF.

03 LNAMEA PICTURE X.
02 FILLER PICTURE X(2).
02 LNAMEI PIC X(30).
02 FNAMEL COMP PIC S9(4).
02 FNAMEF PICTURE X.
02 FILLER REDEFINES FNAMEF.

03 FNAMEA PICTURE X.
02 FILLER PICTURE X(2).
02 FNAMEI PIC X(20).
02 ADDR1 COMP PIC S9(4).
02 ADDR2 PICTURE X.
02 FILLER REDEFINES ADDR2.

03 ADDRA PICTURE X.
02 FILLER PICTURE X(2).
02 ADDR1 PIC X(30).
02 CITYL COMP PIC S9(4).
02 CITYF PICTURE X.
02 FILLER REDEFINES CITYF.

03 CITYA PICTURE X.
02 FILLER PICTURE X(2).
02 CITYI PIC X(20).
02 STATEL COMP PIC S9(4).
02 STATEF PICTURE X.
02 FILLER REDEFINES STATEF.

03 STATEA PICTURE X.
02 FILLER PICTURE X(2).
02 STATEI PIC X(2).
02 ZIPCODEL COMP PIC S9(4).
02 ZIPCODEF PICTURE X.
02 FILLER REDEFINES ZIPCODEF.

03 ZIPCODEA PICTURE X.
02 FILLER PICTURE X(2).
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000491C      02  ZIPCODEI  PIC X(10).
000492C      02  MESSAGEL  COMP  PIC  S9(4).
000493C      02  MESSAGEF  PICTURE X.
000494C      02  FILLER REDEFINES MESSAGEF.
493
000495C      03  MESSAGEA  PICTURE X.
000496C      02  FILLER  PICTURE X(2).
000497C      02  MESSAGEI  PIC X(79).
000498C      02  DUMMYL  COMP  PIC  S9(4).
000499C      02  DUMMYF  PICTURE X.
000500C      02  FILLER REDEFINES DUMMYF.
499
000501C      03  DUMMYA  PICTURE X.
000502C      02  FILLER  PICTURE X(2).
000503C      02  DUMMYI  PIC X(1).
000504C      01  INQMF2A0 REDEFINES INQMF2AI.
442
000505C      02  FILLER PIC X(12).
000506C      02  FILLER PICTURE X(3).
000507C      02  TRANIDC  PICTURE X.
000508C      02  TRANIDH  PICTURE X.
000509C      02  TRANIDO  PIC X(4).
000510C      02  FILLER PICTURE X(3).
000511C      02  CUSTNOC  PICTURE X.
000512C      02  CUSTNOH  PICTURE X.
000513C      02  CUSTN00  PIC X(6).
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000514C      02  FILLER PICTURE X(3).
000515C      02  LNAMEC  PICTURE X.
000516C      02  LNAMEH  PICTURE X.
000517C      02  LNAMEO  PIC X(30).
000518C      02  FILLER PICTURE X(3).
000519C      02  FNAMEC  PICTURE X.
000520C      02  FNAMEH  PICTURE X.
000521C      02  FNAMEO  PIC X(20).
000522C      02  FILLER PICTURE X(3).

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000523C      02  ADDR      PICTURE X.
000524C      02  ADDRH    PICTURE X.
000525C      02  ADDR0    PIC X(30).
000526C      02  FILLER   PICTURE X(3).
000527C      02  CITYC    PICTURE X.
000528C      02  CITYH    PICTURE X.
000529C      02  CITY0    PIC X(20).
000530C      02  FILLER   PICTURE X(3).
000531C      02  STATEC    PICTURE X.
000532C      02  STATEH    PICTURE X.
000533C      02  STATE0    PIC X(2).
000534C      02  FILLER   PICTURE X(3).
000535C      02  ZIPCODEC  PICTURE X.
000536C      02  ZIPCODEH  PICTURE X.
000537C      02  ZIPCODE0  PIC X(10).
000538C      02  FILLER   PICTURE X(3).
000539C      02  MESSAGEC  PICTURE X.
000540C      02  MESSAGEH  PICTURE X.
000541C      02  MESSAGE0  PIC X(79).
000542C      02  FILLER   PICTURE X(3).
000543C      02  DUMMYC    PICTURE X.
000544C      02  DUMMYH    PICTURE X.
000545C      02  DUMMY0    PIC X(1).
000546      *
000547
*****
000548      * ADD WORKING_STORAGE COPY STATEMENTS HERE
000549      COPY CMFWSREC.
000550C      *
000551C      01 WS-CUSTOMER-MASTER-RECORD.
000552C          05 WS-CM-KEY.
000553C              10 WS-CM-CUSTOMER-NUMBER          PIC
X(6).
000554C          05 WS-CM-FIRST-NAME                    PIC
X(20).
000555C          05 WS-CM-LAST-NAME                      PIC
X(30).
000556C          05 WS-CM-ADDRESS                        PIC
X(30).
```

```
000557C          05 WS-CM-CITY          PIC
X(20).
000558C          05 WS-CM-STATE         PIC
X(2).
000559C          05 WS-CM-ZIP-CODE      PIC
X(10).
000560C          *
000561          *
000562          COPY CMFWSSTS.
000563          *
000564          * CMF VSAM FILE STATUS WORKING_STORAGE
VARIABLES
000565          *
000566          01 WS-CMF-FILE-STATUS-INFO.
000567          05 WS-CMF-OPEN          PIC
X.
000568C          88 WS-CMF-OPEN-88
VALUE 'Y'.
000569C          88 WS-CMF-CLOSED-88
VALUE 'Y'.
000570C          05 WS-CMF-OPEN-STATUS  PIC
S9(8) COMP VALUE 0.
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LineID PL SL ----+*A-1-B--+----2-----3-----4-----
+----5-----+----6-----+----7-|---+----8 Map and Cross Reference
000571C          05 WS-CMF-ENABLE-STATUS PIC
S9(8) COMP VALUE 0.
000572C          *
000573          *
000574
*****
000575          *
000576          LINKAGE SECTION.
000577          *
000578          01 DFHCOMMAREA          PIC X.
000579          *
000580          PROCEDURE DIVISION.
578
```

```

000581      *
000582      0000-PROCESS-CUSTOMER-INQUIRY.
000583      *
000584      MOVE SPACES                                TO WS-
HA-EXEC-TEXT.      IMP 260
000585      MOVE ALL '*'                                TO WS-
HA-EXEC-TEXT-T1.    261
000586      MOVE WS-HA-UNEXPECTED-ABEND              TO WS-
HA-EXEC-TEXT-T2.    254 262
000587      MOVE ALL '*'                                TO WS-
HA-EXEC-TEXT-T8.    268
000588      *
000589      EXEC CICS
000590      HANDLE ABEND LABEL(9900-HANDLE-
ABEND)
000591>>      END-EXEC.
EXT IMP
000592      *
000593      EVALUATE TRUE
000594      *
000595      WHEN EIBCALEN = ZERO
IMP IMP
000596      1      MOVE LOW-VALUE                        TO
INQMF2A0      IMP 504
000597      1      MOVE WS-INQ-TRANSID-CNST TO
TRANID0      26 509
000598      1      SET WS-SEND-ERASE-88      TO
TRUE      37
000599      1      PERFORM 1400-SEND-CUSTOMER-MAP
799
000600      *
000601      WHEN EIBAID = DFHCLEAR
IMP 144
000602      1      MOVE LOW-VALUE                        TO
INQMF2A0      IMP 504
000603      1      MOVE WS-INQ-TRANSID-CNST TO
TRANID0      26 509
000604      1      SET WS-SEND-ERASE-88      TO
TRUE      37

```

```

000605      1      PERFORM 1400-SEND-CUSTOMER-MAP
799
000606      *
000607      WHEN EIBAID = DFHPA1 OR DFHPA2 OR
DFHPA3      IMP 152 153 154
000608      1      CONTINUE
000609      *
000610      WHEN EIBAID = DFHPF3 OR DFHPF12
IMP 157 166
000611      1      PERFORM 8200-CMF-CLOSE
950
000612
000613      1      PERFORM 9800-SEND-TERMINATION-
MESSAGE     1035
000614
000615      1      EXEC CICS
000616      1      RETURN
000617>>      1      END-EXEC
EXT
000618      *
000619      WHEN EIBAID = DFHENTER
IMP 143
000620      1      PERFORM 1000-PROCESS-CUSTOMER-
MAP         687
000621      *
000622      WHEN OTHER
000623      1      MOVE LOW-VALUE          TO
INQMF2A0    IMP 504
000624      1      MOVE WS-KEY-INVALID    TO
MESSAGE0    50 541
000625      1      SET WS-SEND-DATAONLY-ALARM-88
39
000626      1      TO TRUE
000627      1      PERFORM 1400-SEND-CUSTOMER-MAP
799

```

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+-----5-----+-----6-----+-----7-|---+-----8 Map and Cross Reference

```

```

000628
000629
000630
000631      *
000632      END-EVALUATE.
000633      *
000634      MOVE SPACES                                TO WS-
HA-EXEC-TEXT.      IMP 260
000635      MOVE ALL '='                                TO WS-
HA-EXEC-TEXT-T1.    261
000636      MOVE 'ABEND'                                TO WS-
HA-EXEC-TEXT-T2.    262
000637      MOVE 'EXEC CICS'                            TO WS-
HA-EXEC-TEXT-T3.    263
000638      MOVE 'INQUIRE TRANSACTION'                TO WS-
HA-EXEC-TEXT-T4.    264
000639      MOVE WS-INQ-TRANSID-CNST                    TO WS-
HA-EXEC-TEXT-T5.    26 265
000640      MOVE SPACES                                TO WS-
HA-EXEC-TEXT-T6.    IMP 266
000641      MOVE WS-RT-MSG-NBR-TEXT(WA-HA-ERR-MSG-
TRANSIDERR)        419 273
000642      TO WS-HA-EXEC-TEXT-T7.
267
000643      MOVE ALL '='                                TO WS-
HA-EXEC-TEXT-T8.    268
000644      *
000645      EXEC CICS
000646      INQUIRE TRANSACTION(WA-INQ-TRANSID-
CNST)
000647      RESP      (WA-RESPONSE-
CODE)
000648      RESP2     (WA-RESPONSE-
CODE2)
000649>>      END-EXEC.
EXT 43
000650      *
000651      IF WS-RESPONSE-CODE = DFHRESP(NORMAL)
42

```

000652	1		CONTINUE	
000653			ELSE	
000654	1		MOVE 'INQUIRE TRANSACTION'	TO WS-
RT-MSG-HEADER			432	
000655	1		MOVE 'ERROR'	TO WS-
RT-MSG-NORMAL			434	
000656	1		MOVE WS-INQ-TRANSID-CNST	TO WS-
RT-MSG-OTHER			26 436	
000657	1		PERFORM 9700-RESPTEXT	
993				
000658			END-IF.	
000659		*		
000660			MOVE SPACES	TO WS-
HA-EXEC-TEXT.			IMP 260	
000661			MOVE ALL '='	TO WS-
HA-EXEC-TEXT-T1.			261	
000662			MOVE 'ABEND'	TO WS-
HA-EXEC-TEXT-T2.			262	
000663			MOVE 'EXEC CICS'	TO WS-
HA-EXEC-TEXT-T3.			263	
000664			MOVE 'RETURN TRANSID'	TO WS-
HA-EXEC-TEXT-T4.			264	
000665			MOVE WS-INQ-TRANSID-CNST	TO WS-
HA-EXEC-TEXT-T5.			26 265	
000666			MOVE SPACES	TO WS-
HA-EXEC-TEXT-T6.			IMP 266	
000667			MOVE WS-RT-MSG-NBR-TEXT(W	HA-ERR-MSG-
TRANSIDERR)			419 273	
000668			TO WS-HA-EXEC-TEXT-T7.	
267				
000669			MOVE ALL '='	TO WS-
HA-EXEC-TEXT-T8.			268	
000670		*		
000671			EXEC CICS	
000672			RETURN TRANSID (WS-INQ-TRANSID-	
CNST)				
000673			COMMAREA(WS-COMMUNICATION-	
AREA)				
000674			RESP (WS-RESPONSE-CODE)	

```
000675                                RESP2    (WS-RESPONSE-CODE2)
000676>>                            END-EXEC.

EXT 43
000677                                *
000678                                IF WS-RESPONSE-CODE = DFHRESP(NORMAL)
42
000679                                1          CONTINUE
000680                                ELSE
000681                                1          MOVE 'RETURN TRANSID '      TO WS-
RT-MSG-HEADER                      432
000682                                1          MOVE 'ERROR           '      TO WS-
RT-MSG-NORMAL                      434
000683                                1          MOVE WS-INQ-TRANSID-CNST    TO WS-
RT-MSG-OTHER                      26 436
000684                                1          PERFORM 9700-RESPTEXT
993
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+----5-----+----6-----+----7-|-+----8 Map and Cross Reference
000685                                END-IF.
000686                                *
000687                                1000-PROCESS-CUSTOMER-MAP.
000688                                *
000689                                PERFORM 1100-RECEIVE-CUSTOMER-MAP.
703
000690                                PERFORM 1200-EDIT-CUSTOMER-DATA.
737
000691                                *
000692                                IF WS-VALID-DATA-88
35
000693                                1          PERFORM 1300-GET-CUSTOMER-RECORD
745
000694                                1          SET WS-SEND-DATAONLY-88
38
000695                                1          TO TRUE
000696                                1          PERFORM 1400-SEND-CUSTOMER-MAP
799
000697                                ELSE
```

```
000698      1      SET WS-SEND-DATAONLY-ALARM-88
39
000699      1      TO TRUE
000700      1      PERFORM 1400-SEND-CUSTOMER-MAP
799
000701      END-IF.
000702      *
000703      1100-RECEIVE-CUSTOMER-MAP.
000704      *
000705      MOVE SPACES                                TO WS-
HA-EXEC-TEXT.      IMP 260
000706      MOVE ALL '='                                TO WS-
HA-EXEC-TEXT-T1.    261
000707      MOVE 'ABEND'                                TO WS-
HA-EXEC-TEXT-T2.    262
000708      MOVE 'EXEC CICS'                            TO WS-
HA-EXEC-TEXT-T3.    263
000709      MOVE 'RECEIVE MAP - MAPSET/MAP'            TO WS-
HA-EXEC-TEXT-T4.    264
000710      MOVE WS-INQ-MAPSET-CNST                    TO WS-
HA-EXEC-TEXT-T5.    27 265
000711      MOVE WS-INQ-MAP-CNST                      TO WS-
HA-EXEC-TEXT-T6.    28 266
000712      MOVE WS-RT-MSG-NBR-TEXT(WA-HA-ERR-MSG-
MAPFAIL)            419 274
000713      TO WS-HA-EXEC-TEXT-T7.
267
000714      MOVE ALL '='                                TO WS-
HA-EXEC-TEXT-T8.    268
000715      *
000716      EXEC CICS
000717          RECEIVE MAP      (WS-INQ-MAP-CNST)
000718          MAPSET(WA-INQ-MAPSET-CNST)
000719          INTO  (INQMF2AI)
000720          RESP  (WS-RESPONSE-CODE)
000721          RESP2 (WS-RESPONSE-CODE2)
000722>>      END-EXEC.
EXT 43
000723      *
```



```
000724      IF WS-RESPONSE-CODE = DFHRESP(NORMAL)
42
000725      1      CONTINUE
000726      ELSE
000727      1      MOVE 'RECEIVE MAP - MAPSET/MAP'
000728      1      TO WS-RT-MSG-HEADER
432
000729      1      MOVE WS-INQ-MAPSET-CNST      TO WS-
RT-MSG-NORMAL      27 434
000730      1      MOVE WS-INQ-MAP-CNST      TO WS-
RT-MSG-OTHER      28 436
000731      1      PERFORM 9700-RESPTXT
993
000732      END-IF.
000733      *
000734      INSPECT INQMF2AI
442
000735      REPLACING ALL '_' BY SPACE.
IMP
000736      *
000737      1200-EDIT-CUSTOMER-DATA.
000738      *
000739      IF      CUSTNOL = ZERO
450 IMP
000740      OR CUSTNOI = SPACE
455 IMP
000741      1      MOVE WS-FALSE-CNST      TO WS-
VALID-DATA-FLAG      18 34
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+----5-----+----6-----+----7-|-+----8 Map and Cross Reference
000742      1      MOVE WS-ENTER-CUST-NBR      TO
MESSAGE0      56 541
000743      END-IF.
000744      *
000745      1300-GET-CUSTOMER-RECORD.
000746      PERFORM 8100-CMF-OPEN.
908
```

```

000747
000748      *
000749      MOVE SPACES                                TO WS-
HA-EXEC-TEXT.      IMP 260
000750      MOVE ALL '='                                TO WS-
HA-EXEC-TEXT-T1.    261
000751      MOVE 'ABEND'                              TO WS-
HA-EXEC-TEXT-T2.    262
000752      MOVE 'READ FILE'
000753      TO WS-HA-EXEC-TEXT-T3.
263
000754      MOVE 'EXEC CICS READ FILE'
000755      TO WS-HA-EXEC-TEXT-T4.
264
000756      MOVE WS-CMF-FILE-NAME-CNST                TO WS-
HA-EXEC-TEXT-T5.    31 265
000757      MOVE SPACES                                TO WS-
HA-EXEC-TEXT-T6.    IMP 266
000758      MOVE WS-RT-MSG-NBR-TEXT(WS-HA-ERR-MSG-
FILENOTFOUND)      419 271
000759      TO WS-HA-EXEC-TEXT-T7.
267
000760      MOVE ALL '='                                TO WS-
HA-EXEC-TEXT-T8.    268
000761      *
000762      EXEC CICS
000763          READ FILE  (WS-CMF-FILE-NAME-CNST)
000764          INTO      (WS-CUSTOMER-MASTER-
RECORD)
000765                  RIDFLD(CUSTNOI)
000766                  RESP  (WS-RESPONSE-CODE)
000767                  RESP2 (WS-RESPONSE-CODE2)
000768>>      END-EXEC.
EXT 43
000769      *
000770
42
000771      1      MOVE SPACES                                TO
MESSAGE0      IMP 541

```

000772	1	MOVE WS-CM-LAST-NAME	TO
LNAME0		555 517	
000773	1	MOVE WS-CM-FIRST-NAME	TO
FNAME0		554 521	
000774	1	MOVE WS-CM-ADDRESS	TO
ADDR0		556 525	
000775	1	MOVE WS-CM-CITY	TO
CITY0		557 529	
000776	1	MOVE WS-CM-STATE	TO
STATE0		558 533	
000777	1	MOVE WS-CM-ZIP-CODE	TO
ZIPCODE0		559 537	
000778	1	ELSE IF WS-RESPONSE-CODE =	
DFHRESP(NOTFND)		42	
000779	2	MOVE WS-FALSE-CNST	TO WS-
VALID-DATA-FLAG		18 34	
000780	2	MOVE WS-CUST-DOES-NOT-EXIST	TO
MESSAGE0		62 541	
000781	2	MOVE SPACES	TO
LNAME0		IMP 517	
000782	2		
FNAME0		521	
000783	2		
ADDR0		525	
000784	2		
CITY0		529	
000785	2		
STATE0		533	
000786	2		
ZIPCODE0		537	
000787	1	ELSE	
000788	2	MOVE 'READ FILE	TO WS-
RT-MSG-HEADER		432	
000789	2	MOVE 'ERROR	TO WS-
RT-MSG-NORMAL		434	
000790	2	MOVE WS-CMF-FILE-NAME-CNST	TO WS-
RT-MSG-OTHER		31 436	
000791	2	PERFORM 9700-RESPTEXT	
993			

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000792      1      END-IF.
000793
000794      PERFORM 8200-CMF-CLOSE.
950
000795
000796
000797
000798      *
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+----5-----+----6-----+----7-|---+----8 Map and Cross Reference
000799      1400-SEND-CUSTOMER-MAP.
000800      *
000801      EVALUATE TRUE
000802      WHEN WS-SEND-ERASE-88
37
000803      1      MOVE SPACES      TO WS-
HA-EXEC-TEXT      IMP 260
000804      1      MOVE ALL '='      TO WS-
HA-EXEC-TEXT-T1    261
000805      1      MOVE 'ABEND'      TO WS-
HA-EXEC-TEXT-T2    262
000806      1      MOVE 'EVALUATE WHEN WS-SEND-
ERASE-88'
000807      1      TO WS-HA-EXEC-TEXT-T3
263
000808      1      MOVE 'EXEC CICS SEND MAP -
MAPSET/MAP'
000809      1      TO WS-HA-EXEC-TEXT-T4
264
000810      1      MOVE WS-INQ-MAPSET-CNST  TO WS-
HA-EXEC-TEXT-T5    27 265
000811      1      MOVE WS-INQ-MAP-CNST    TO WS-
HA-EXEC-TEXT-T6    28 266
000812      1      MOVE WS-RT-MSG-NBR-TEXT(WS-HA-
ERR-MSG-MAPFAIL)  419 274
000813      1      TO WS-HA-EXEC-TEXT-T7
267

```

000814	1		MOVE ALL '='	TO WS-
HA-EXEC-TEXT-T8			268	
000815		*		
000816	1		EXEC CICS	
000817	1		SEND MAP	(WS-INQ-MAP-
CNST)				
000818	1		MAPSET(WS-INQ-MAPSET-	
CNST)				
000819	1		FROM (INQMF2A0)	
000820	1		ERASE	
000821	1		RESP (WS-RESPONSE-	
CODE)				
000822	1		RESP2 (WS-RESPONSE-	
CODE2)				
000823>>	1		END-EXEC	
EXT 43				
000824		*		
000825	1		IF WS-RESPONSE-CODE =	
DFHRESP(NORMAL)			42	
000826	2		CONTINUE	
000827	1		ELSE	
000828	2		MOVE 'SEND MAP	' TO WS-
RT-MSG-HEADER			432	
000829	2		MOVE 'ERROR	' TO WS-
RT-MSG-NORMAL			434	
000830	2		MOVE 'ERASE	' TO WS-
RT-MSG-OTHER			436	
000831	2		PERFORM 9700-RESPTEXT	
993				
000832	1		END-IF	
000833		*		
000834			WHEN WS-SEND-DATAONLY-88	
38				
000835	1		MOVE SPACES	TO WS-
HA-EXEC-TEXT			IMP 260	
000836	1		MOVE ALL '='	TO WS-
HA-EXEC-TEXT-T1			261	
000837	1		MOVE 'ABEND'	TO WS-
HA-EXEC-TEXT-T2			262	

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000838      1      MOVE 'EVALUATE WHEN WS-SEND-
DATAONLY-88'
000839      1      TO WS-HA-EXEC-TEXT-T3
263
000840      1      MOVE 'EXEC CICS SEND MAP -
MAPSET/MAP'
000841      1      TO WS-HA-EXEC-TEXT-T4
264
000842      1      MOVE WS-INQ-MAPSET-CNST  TO WS-
HA-EXEC-TEXT-T5 27 265
000843      1      MOVE WS-INQ-MAP-CNST      TO WS-
HA-EXEC-TEXT-T6 28 266
000844      1      MOVE WS-RT-MSG-NBR-TEXT(WS-HA-
ERR-MSG-MAPFAIL) 419 274
000845      1      TO WS-HA-EXEC-TEXT-T7
267
000846      1      MOVE ALL '='                      TO WS-
HA-EXEC-TEXT-T8 268
000847      1      *
000848      1      EXEC CICS
000849      1      SEND MAP      (WS-INQ-MAP-
CNST)
000850      1      MAPSET(WS-INQ-MAPSET-
CNST)
000851      1      FROM (INQMF2A0)
000852      1      DATAONLY
000853      1      RESP (WS-RESPONSE-
CODE)
000854      1      RESP2 (WS-RESPONSE-
CODE2)
000855>>      1      END-EXEC
EXT 43
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000856      1      *
000857      1      IF WS-RESPONSE-CODE =
DFHRESP(NORMAL) 42

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000858	2		CONTINUE
000859	1		ELSE
000860	2		MOVE 'SEND MAP' TO WS-
RT-MSG-HEADER		432	
000861	2		MOVE 'ERROR' TO WS-
RT-MSG-NORMAL		434	
000862	2		MOVE 'DATAONLY' TO WS-
RT-MSG-OTHER		436	
000863	2		PERFORM 9700-RESPTEXT
993			
000864	1		END-IF
000865		*	
000866			WHEN WS-SEND-DATAONLY-ALARM-88
39			
000867	1		MOVE SPACES TO WS-
HA-EXEC-TEXT		IMP 260	
000868	1		MOVE ALL '=' TO WS-
HA-EXEC-TEXT-T1		261	
000869	1		MOVE 'ABEND' TO WS-
HA-EXEC-TEXT-T2		262	
000870	1		MOVE 'EVALUATE WHEN WS-SEND-
DATAONLY-ALARM-88'			
000871	1		TO WS-HA-EXEC-TEXT-T3
263			
000872	1		MOVE 'EXEC CICS SEND MAP -
MAPSET/MAP'			
000873	1		TO WS-HA-EXEC-TEXT-T4
264			
000874	1		MOVE WS-INQ-MAPSET-CNST TO WS-
HA-EXEC-TEXT-T5		27 265	
000875	1		MOVE WS-INQ-MAP-CNST TO WS-
HA-EXEC-TEXT-T6		28 266	
000876	1		MOVE WS-RT-MSG-NBR-TEXT(WA- ERR-MSG-MAPFAIL)
000877	1	419 274	TO WS-HA-EXEC-TEXT-T7
267			
000878	1		MOVE ALL '=' TO WS-
HA-EXEC-TEXT-T8		268	
000879			
		*	

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000880      1      EXEC CICS
000881      1      SEND MAP      (WS-INQ-MAP-
CNST)
000882      1      MAPSET(WS-INQ-MAPSET-
CNST)
000883      1      FROM (INQMF2A0)
000884      1      DATAONLY
000885      1      ALARM
000886      1      RESP (WS-RESPONSE-
CODE)
000887      1      RESP2 (WS-RESPONSE-
CODE2)
000888>>    1      END-EXEC
EXT 43
000889      *
000890      1      IF WS-RESPONSE-CODE =
DFHRESP(NORMAL) 42
000891      2      CONTINUE
000892      1      ELSE
000893      2      MOVE 'SEND MAP'      ' TO WS-
RT-MSG-HEADER 432
000894      2      MOVE 'ERROR'      ' TO WS-
RT-MSG-NORMAL 434
000895      2      MOVE 'DATAONLY-ALARM'
000896      2      TO WS-RT-MSG-OTHER
436
000897      2      PERFORM 9700-RESPTEXT
993
000898      1      END-IF
000899      *
000900      *      END-EVALUATE.
000901      *
000902
*****
000903      * ADD PROCEDURE DIVISION COPY STATEMENTS
HERE
000904      COPY CMFOPEN.
000905C      *
000906C      * CMF OPEN PARAGRAPH

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000907C      *
000908C      8100-CMF-OPEN.
000909C      *
000910C      MOVE SPACES                                T0
WS-HA-EXEC-TEXT.      IMP 260
000911C      MOVE ALL '='                                T0
WS-HA-EXEC-TEXT-T1.    261
000912C      MOVE 'ABEND OPEN'                          T0
WS-HA-EXEC-TEXT-T2.    262
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000913C      MOVE 'EXEC CICS'                            T0
WS-HA-EXEC-TEXT-T3.    263
000914C      MOVE 'INQUIRE FILE'                        T0
WS-HA-EXEC-TEXT-T4.    264
000915C      MOVE WS-CMF-FILE-NAME-CNST                  T0
WS-HA-EXEC-TEXT-T5.    31 265
000916C      MOVE SPACES                                T0
WS-HA-EXEC-TEXT-T6.    IMP 266
000917C      MOVE WS-RT-MSG-NBR-TEXT(WS-HA-ERR-MSG-
FILENOTFOUND)        419 271
000918C      TO WS-HA-EXEC-TEXT-T7.
267
000919C      MOVE ALL '='                                T0
WS-HA-EXEC-TEXT-T8.    268
000920C      *
000921C      EXEC CICS
000922C      INQUIRE FILE      (WS-CMF-FILE-NAME-
CNST)
000923C      OPENSTATUS      (WS-CMF-OPEN-
STATUS)
000924C      ENABLESTATUS(WS-CMF-ENABLE-
STATUS)
000925C      RESP      (WS-RESPONSE-CODE)
000926C      RESP2      (WS-RESPONSE-CODE2)
000927C>      END-EXEC.
EXT 43

```

```

000928C          *
000929C          IF WS-CMF-OPEN-STATUS =
DFHVALUE(CLOSED)          570
000930C          1          MOVE 'SET FILE OPEN'          T0
WS-HA-EXEC-TEXT-T4          264
000931C          1          MOVE WS-CMF-FILE-NAME-CNST          T0
WS-HA-EXEC-TEXT-T5          31 265
000932C          1          EXEC CICS
000933C          1          SET FILE (WS-CMF-FILE-NAME-
CNST) OPEN
000934C          1          RESP (WS-RESPONSE-CODE)
000935C          1          RESP2 (WS-RESPONSE-CODE2)
000936C>         1          END-EXEC
EXT 43
000937C          1          MOVE WS-OPEN-CNST          T0
WS-CMF-OPEN          21 567
000938C          1          ELSE IF WS-CMF-OPEN-STATUS =
DFHVALUE(OPEN)          570
000939C          2          NEXT SENTENCE
000940C          1          ELSE
000941C          2          PERFORM 9700-RESPTEXT
993
000942C          1          END-IF
000943C          END-IF.
000944C          *
000945          *
000946          COPY CMFCLOSE.
000947C          *
000948C          * CMF CLOSE PARAGRAPH
000949C          *
000950C          8200-CMF-CLOSE.
000951C          *
000952C          MOVE SPACES          T0
WS-HA-EXEC-TEXT.          IMP 260
000953C          MOVE ALL '='          T0
WS-HA-EXEC-TEXT-T1.          261
000954C          MOVE 'ABEND CLOSE'          T0
WS-HA-EXEC-TEXT-T2.          262
000955C          MOVE 'EXEC CICS'          T0

```

```

WS-HA-EXEC-TEXT-T3.      263
000956C      MOVE 'INQUIRE FILE'      T0
WS-HA-EXEC-TEXT-T4.      264
000957C      MOVE WS-CMF-FILE-NAME-CNST      T0
WS-HA-EXEC-TEXT-T5.      31 265
000958C      MOVE SPACES      T0
WS-HA-EXEC-TEXT-T6.      IMP 266
000959C      MOVE WS-RT-MSG-NBR-TEXT(WS-HA-ERR-MSG-
FILENOTFOUND)      419 271
000960C      TO WS-HA-EXEC-TEXT-T7.
267
000961C      MOVE ALL '='      T0
WS-HA-EXEC-TEXT-T8.      268
000962C      *
000963C      EXEC CICS
000964C          INQUIRE FILE      (WS-CMF-FILE-NAME-
CNST)
000965C          OPENSTATUS      (WS-CMF-OPEN-
STATUS)
000966C          ENABLESTATUS(WS-CMF-ENABLE-
STATUS)
000967C          RESP      (WS-RESPONSE-CODE)
000968C          RESP2      (WS-RESPONSE-CODE2)
000969C>      END-EXEC.
EXT 43
PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P230918
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LineID  PL SL  ----+*A-1-B--+----2-----3-----4-----
+-----5-----+-----6-----+-----7-|---+-----8 Map and Cross Reference
000970C      *
000971C      IF WS-RESPONSE-CODE = DFHRESP(NORMAL)
42
000972C      1      IF WS-CMF-OPEN-STATUS =
DFHVALUE(OPEN)      570
000973C      2      MOVE 'SET FILE CLOSED'      T0
WS-HA-EXEC-TEXT-T4      264
000974C      2      MOVE WS-CMF-FILE-NAME-CNST TO
WS-HA-EXEC-TEXT-T5      31 265
000975C      2      EXEC CICS

```

```
000976C      2      SET FILE  (WS-CMF-FILE-
NAME-CNST) CLOSED
000977C      2      RESP  (WS-RESPONSE-
CODE)
000978C      2      RESP2 (WS-RESPONSE-
CODE2)
000979C>     2      END-EXEC
EXT 43
000980C      2      MOVE WS-CLOSED-CNST      TO
WS-CMF-OPEN  22 567
000981C      1      END-IF
000982C      ELSE
000983C      1      PERFORM 9700-RESPTXT
993
000984C      END-IF.
000985C      *
000986C      *
000987C
*****
000988C      *
000989C      COPY RESPTXT.
000990C      *
000991C      * ERROR HANDLING RESPONSE TEXT LOOKUP
PARAGRAPH
000992C      *
000993C      9700-RESPTXT.
000994C      *
000995C      MOVE WS-RESPONSE-CODE      TO WS-
RT-RESP-NBR.  42 421
000996C      MOVE SPACES      TO WS-
RT-MSG.      IMP 426
000997C      MOVE WS-RT-MSG-HEADER  TO WS-
RT-MSG-HDR   432 427
000998C      *
000999C      IF WS-RESPONSE-CODE = DFHRESP(NORMAL)
42
001000C      1      MOVE WS-RT-MSG-NORMAL      TO WS-
RT-MSG-T1    434 429
001001C      1      MOVE WS-RT-MSG-OTHER      TO WS-
```

RT-MSG-T2			436 430
001002C			ELSE
001003C	1		IF WS-RT-RESP-NBR-VALID-88
422			
001004C	2		MOVE WS-RT-MSG-NBR-TEXT(WS-RT-
RESP-NBR)			419 421
001005C	2		TO WS-RT-MSG-T1
429			
001006C	2		MOVE WS-RT-MSG-OTHER TO WS-
RT-MSG-T2			436 430
001007C	1		ELSE
001008C	2		MOVE WS-RT-RESP-NBR-INVALID-MSG
424			
001009C	2		TO WS-RT-MSG-T1
429			
001010C	2		MOVE WS-RT-MSG-OTHER TO WS-
RT-MSG-T2			436 430
001011C	1		END-IF
001012C		*	
001013C	1		MOVE EIBRESP TO WS-
EM-RESP			IMP 214
001014C	1		MOVE EIBRESP2 TO WS-
EM-RESP2			IMP 219
001015C	1		MOVE EIBTRNID TO WS-
EM-TRNID			IMP 224
001016C	1		MOVE EIBRSRCE TO WS-
EM-RSRCE			IMP 229
001017C		*	
001018C	1		MOVE WS-RT-MSG TO WS-
EM-MSG			426 234
001019C		*	
001020C	1		EXEC CICS
001021C	1		SEND TEXT FROM(WS-EM-ERROR-
MESSAGE)			
001022C	1		FREEKB
001023C	1		ERASE
001024C>	1		END-EXEC
EXT			
001025C		*	

```

001026C      1                      STOP RUN
PP 5655-EC6 IBM Enterprise COBOL for z/OS  6.3.0 P230918
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  LineID  PL SL  ----+*A-1-B--+----2-----+----3-----+----4-----
+----5-----+----6-----+----7-|-+----8 Map and Cross Reference
001027C                      *
001028C                      END-IF.
001029C                      *
001030                      *
001031                      COPY TERMMSG.
001032C                      *
001033C                      * SEND TERMINATION MESSAGE PARAGRAPH
001034C                      *
001035C                      9800-SEND-TERMINATION-MESSAGE.
001036C                      *
001037C                      EXEC CICS
001038C                      SEND TEXT FROM(WS-END-OF-SESSION-
MESSAGE)
001039C                      ERASE
001040C                      FREEKB
001041C>                      END-EXEC.
EXT
001042C                      *
001043C                      EXEC CICS
001044C                      RETURN
001045C>                      END-EXEC.
EXT
001046C                      *
001047                      *
001048                      COPY HDLABEND.
001049C                      *
001050C                      * HANDLE ABEND PARAGRAPH
001051C                      *
001052C                      9900-HANDLE-ABEND.
001053C                      *
001054C                      MOVE WS-HA-EXEC-TEXT                TO WS-
HA-HANDLE-ABEND-MSG.      260 243
001055C                      *
001056C                      EXEC CICS

```

001057C                   SEND TEXT FROM(W5-HA-HANDLE-ABEND-  
MSG)

001058C                   FREEKB

001059C                   ERASE

001060C>               END-EXEC.

EXT

001061C                   \*

001062C                   EXEC CICS

001063C                   RETURN

001064C>               END-EXEC.

EXT

001065C                   \*

001066                    \*

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An "M" preceding a data-name reference indicates that the data-name  
is modified by this reference.

Defined	Cross-reference of data names	References
---------	-------------------------------	------------

471	ADDRA	
523	ADDRC	
469	ADDRF. . . . .	470
524	ADDRH	
473	ADDRI	
468	ADDRL	
525	ADDR0. . . . .	M774 M783
97	ATTR-BLINK	
102	ATTR-BLUE	
101	ATTR-DEFAULT-COLOR	
105	ATTR-GREEN	
108	ATTR-NEUTRAL	
96	ATTR-NO-HIGHLIGHT	
104	ATTR-PINK	
83	ATTR-PROT	
85	ATTR-PROT-BRT	
86	ATTR-PROT-BRT-MDT	
87	ATTR-PROT-DARK	
88	ATTR-PROT-DARK-MDT	

84	ATTR-PROT-MDT	
89	ATTR-PROT-SKIP	
91	ATTR-PROT-SKIP-BRT	
92	ATTR-PROT-SKIP-BRT-MDT	
93	ATTR-PROT-SKIP-DARK	
94	ATTR-PROT-SKIP-DARK-MDT	
90	ATTR-PROT-SKIP-MDT	
103	ATTR-RED	
98	ATTR-REVERSE	
106	ATTR-TURQUOISE	
99	ATTR-UNDERSCORE	
71	ATTR-UNPROT	
73	ATTR-UNPROT-BRT	
74	ATTR-UNPROT-BRT-MDT	
75	ATTR-UNPROT-DARK	
76	ATTR-UNPROT-DARK-MDT	
72	ATTR-UNPROT-MDT	
77	ATTR-UNPROT-NUM	
79	ATTR-UNPROT-NUM-BRT	
80	ATTR-UNPROT-NUM-BRT-MDT	
81	ATTR-UNPROT-NUM-DARK	
82	ATTR-UNPROT-NUM-DARK-MDT	
78	ATTR-UNPROT-NUM-MDT	
107	ATTR-YELLOW	
69	ATTRIBUTE-DEFINITIONS	
477	CITYA	
527	CITYC	
475	CITYF. . . . .	476
528	CITYH	
479	CITYI	
474	CITYL	
529	CITYO. . . . .	M775 M784
453	CUSTNOA	
511	CUSTNOC	
451	CUSTNOF. . . . .	452
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512	CUSTNOH	
455	CUSTNOI. . . . .	740
450	CUSTNOL. . . . .	739
513	CUSTN00	
141	DFHAID	
144	DFHCLEAR . . . . .	601
145	DFHCLRP	
578	DFHCOMMAREA. . . . .	580
0	DFHEIGDI . . . . .	591
143	DFHENTER . . . . .	619
149	DFHMSRE	
142	DFHNULL	
148	DFHOPID	
152	DFHPA1 . . . . .	607
153	DFHPA2 . . . . .	607
154	DFHPA3 . . . . .	607
147	DFHPEN	
155	DFHPF1	
164	DFHPF10	
165	DFHPF11	
166	DFHPF12. . . . .	610
167	DFHPF13	
168	DFHPF14	
169	DFHPF15	
170	DFHPF16	
171	DFHPF17	
172	DFHPF18	
173	DFHPF19	
156	DFHPF2	
174	DFHPF20	
175	DFHPF21	
176	DFHPF22	
178	DFHPF23	
179	DFHPF24	
157	DFHPF3 . . . . .	610
158	DFHPF4	
159	DFHPF5	
160	DFHPF6	
161	DFHPF7	

162	DFHPPF8	
163	DFHPPF9	
150	DFHSTRF	
151	DFHTRIG	
501	DUMMYA	
543	DUMMYC	
499	DUMMYF . . . . .	500
544	DUMMYH	
503	DUMMYI	
498	DUMMYL	
545	DUMMYO	
0	EIBAID . . . . .	601 607 610 619
0	EIBCALEN . . . . .	595
0	EIBRESP. . . . .	1013
0	EIBRESP2 . . . . .	1014
0	EIBRSRCE . . . . .	1016
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0	EIBTRNID . . . . .	1015
465	FNAMEA	
519	FNAMEC	
463	FNAMEF . . . . .	464
520	FNAMEH	
467	FNAMEI	
462	FNAMEL	
521	FNAMEO . . . . .	M773 M782
442	INQMF2AI . . . . .	504 M734
504	INQMF2AO . . . . .	M596 M602 M623
459	LNAMEA	
515	LNAMEC	
457	LNAMEF . . . . .	458
516	LNAMEH	
461	LNAMEI	
456	LNAMEL	
517	LNAMEO . . . . .	M772 M781
495	MESSAGEA	
539	MESSAGEC	

493	MESSAGEF . . . . .	494
540	MESSAGEH	
497	MESSAGEI	
492	MESSAGEL	
541	MESSAGEO . . . . .	M624 M742 M771 M780
483	STATEA	
531	STATEC	
481	STATEF . . . . .	482
532	STATEH	
485	STATEI	
480	STATEL	
533	STATEO . . . . .	M776 M785
447	TRANIDA	
507	TRANIDC	
445	TRANIDF. . . . .	446
508	TRANIDH	
449	TRANIDI	
444	TRANIDL	
509	TRANIDO. . . . .	M597 M603
24	WS-CICS-CNSTS	
22	WS-CLOSED-CNST . . . . .	980
556	WS-CM-ADDRESS. . . . .	774
557	WS-CM-CITY . . . . .	775
553	WS-CM-CUSTOMER-NUMBER	
554	WS-CM-FIRST-NAME . . . . .	773
552	WS-CM-KEY	
555	WS-CM-LAST-NAME. . . . .	772
558	WS-CM-STATE. . . . .	776
559	WS-CM-ZIP-CODE . . . . .	777
569	WS-CMF-CLOSED-88	
571	WS-CMF-ENABLE-STATUS	
31	WS-CMF-FILE-NAME-CNST. . . . .	756 790 915 931 957 974
566	WS-CMF-FILE-STATUS-INFO	
567	WS-CMF-OPEN. . . . .	M937 M980
570	WS-CMF-OPEN-STATUS . . . . .	929 938 972
568	WS-CMF-OPEN-88	
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16	WS-CNSTS	
14	WS-COMMUNICATION-AREA	
62	WS-CUST-DOES-NOT-EXIST . . . .	780
551	WS-CUSTOMER-MASTER-RECORD	
203	WS-EM-ERROR-LINE-1	
210	WS-EM-ERROR-LINE-2	
211	WS-EM-ERROR-LINE-3	
216	WS-EM-ERROR-LINE-4	
221	WS-EM-ERROR-LINE-5	
226	WS-EM-ERROR-LINE-6	
231	WS-EM-ERROR-LINE-7	
235	WS-EM-ERROR-LINE-8	
202	WS-EM-ERROR-MESSAGE	
234	WS-EM-MSG. . . . .	M1018
214	WS-EM-RESP . . . . .	M1013
219	WS-EM-RESP2. . . . .	M1014
229	WS-EM-RSRCE. . . . .	M1016
224	WS-EM-TRNID. . . . .	M1015
45	WS-END-OF-SESSION-MESSAGE	
56	WS-ENTER-CUST-NBR. . . . .	742
18	WS-FALSE-CNST. . . . .	741 779
30	WS-FILE-CNSTS	
33	WS-FLAGS	
189	WS-GM-GENERAL-ERROR-MSG	
194	WS-GM-MSG	
190	WS-GM-RESP	
191	WS-GM-RESP2	
193	WS-GM-RSRCE	
192	WS-GM-TRNID	
271	WS-HA-ERR-MSG-FILENOTFOUND . .	758 917 959
274	WS-HA-ERR-MSG-MAPFAIL. . . .	712 812 844 876
270	WS-HA-ERR-MSG-NBRS	
272	WS-HA-ERR-MSG-PGMIDERR	
273	WS-HA-ERR-MSG-TRANSIDERR . . .	641 667
260	WS-HA-EXEC-TEXT. . . . .	M584 M634 M660 M705 M749
M803 M835 M867 M910 M952 1054		
261	WS-HA-EXEC-TEXT-T1 . . . . .	M585 M635 M661 M706 M750
M804 M836 M868 M911 M953		

262	WS-HA-EXEC-TEXT-T2 . . . . .	M586 M636 M662 M707 M751
M805 M837 M869 M912 M954		
263	WS-HA-EXEC-TEXT-T3 . . . . .	M637 M663 M708 M753 M807
M839 M871 M913 M955		
264	WS-HA-EXEC-TEXT-T4 . . . . .	M638 M664 M709 M755 M809
M841 M873 M914 M930 M956 M973		
265	WS-HA-EXEC-TEXT-T5 . . . . .	M639 M665 M710 M756 M810
M842 M874 M915 M931 M957 M974		
266	WS-HA-EXEC-TEXT-T6 . . . . .	M640 M666 M711 M757 M811
M843 M875 M916 M958		
267	WS-HA-EXEC-TEXT-T7 . . . . .	M642 M668 M713 M759 M813
M845 M877 M918 M960		
268	WS-HA-EXEC-TEXT-T8 . . . . .	M587 M643 M669 M714 M760
M814 M846 M878 M919 M961		
243	WS-HA-HANDLE-ABEND-MSG . . . .	M1054
244	WS-HA-MSG-T1	
245	WS-HA-MSG-T2	
246	WS-HA-MSG-T3	
247	WS-HA-MSG-T4	
248	WS-HA-MSG-T5	
249	WS-HA-MSG-T6	
250	WS-HA-MSG-T7	
251	WS-HA-MSG-T8	
254	WS-HA-UNEXPECTED-ABEND . . . .	586
257	WS-HA-UNHANDLED-ABEND	
253	WS-HANDLE-ABEND-MSGS	
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28	WS-INQ-MAP-CNST. . . . .	711 730 811 843 875
27	WS-INQ-MAPSET-CNST . . . . .	710 729 810 842 874
26	WS-INQ-TRANSID-CNST. . . . .	597 603 639 656 665 683
50	WS-KEY-INVALID . . . . .	624
25	WS-MEN-PROGRAM-CNST	
20	WS-NO-CNST	
21	WS-OPEN-CNST . . . . .	937
42	WS-RESPONSE-CODE . . . . .	651 678 724 770 778 825
857 890 971 995 999		

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307 WS-RT-019-NOTOPEN  
308 WS-RT-020-ENDFILE  
309 WS-RT-021-ILLOGIC  
310 WS-RT-022-LENGERR  
311 WS-RT-023-QZERO  
312 WS-RT-024-SIGNAL  
313 WS-RT-025-QBUSY  
314 WS-RT-026-ITEMERR  
315 WS-RT-027-PGMIDERR  
316 WS-RT-028-TRANSIDERR  
317 WS-RT-029-ENDDATA  
318 WS-RT-030-INVTSREQ  
319 WS-RT-031-EXPIRED

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320 WS-RT-032-RETPAGE  
321 WS-RT-033-RTEFAIL  
322 WS-RT-034-RTESOME  
323 WS-RT-035-TSIOERR  
324 WS-RT-036-MAPFAIL  
325 WS-RT-037-INVERRTERM  
326 WS-RT-038-INVMPSTZ  
327 WS-RT-039-IGREQID  
328 WS-RT-040-OVERFLOW  
329 WS-RT-041-INVLDLDC  
330 WS-RT-042-NOSTG  
331 WS-RT-043-JIDERR  
332 WS-RT-044-QIDERR  
333 WS-RT-045-NOJBUFSP  
334 WS-RT-046-DSSTAT  
335 WS-RT-047-SELNERR  
336 WS-RT-048-FUNCERR  
337 WS-RT-049-UNEXPIN  
338 WS-RT-050-NOPASSBKRD  
339 WS-RT-051-NOPASSBKWR  
340 WS-RT-052-SEGIDERR  
341 WS-RT-053-SYSIDERR

342 WS-RT-054-ISCINVREQ  
343 WS-RT-055-ENQBUSY  
344 WS-RT-056-ENVDEFERR  
345 WS-RT-057-IGREQCD  
346 WS-RT-058-SESSIONERR  
347 WS-RT-059-SYSBUSY  
348 WS-RT-060-SESSBUSY  
349 WS-RT-061-NOTALLOC  
350 WS-RT-062-CBIDERR  
351 WS-RT-063-INVEXITREQ  
352 WS-RT-064-INVPARTNSET  
353 WS-RT-065-INVPARTN  
354 WS-RT-066-PARTNFAIL  
355 WS-RT-067-NOTUSED  
356 WS-RT-068-NOTUSED  
357 WS-RT-069-USERIDERR  
358 WS-RT-070-NOTAUTH  
359 WS-RT-071-VOLIDERR  
360 WS-RT-072-SUPPRESSED  
361 WS-RT-073-NOTUSED  
362 WS-RT-074-NOTUSED  
363 WS-RT-075-RESIDERR  
364 WS-RT-076-NOTUSED  
365 WS-RT-077-NOTUSED  
366 WS-RT-078-NOTUSED  
367 WS-RT-079-NOTUSED  
368 WS-RT-080-NOSP00L  
369 WS-RT-081-TERMERR  
370 WS-RT-082-ROLLEDBACK  
371 WS-RT-083-END  
372 WS-RT-084-DISABLED  
373 WS-RT-085-ALLOCERR  
374 WS-RT-086-STRELERR

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375 WS-RT-087-OPENERR  
376 WS-RT-088-SPOLBUSY



377 WS-RT-089-SPOLERR  
378 WS-RT-090-NODEIDERR  
379 WS-RT-091-TASKIDERR  
380 WS-RT-092-TCIDERR  
381 WS-RT-093-DSNOTFOUND  
382 WS-RT-094-LOADING  
383 WS-RT-095-MODELIDERR  
384 WS-RT-096-OUTDESCRERR  
385 WS-RT-097-PARTNERIDERR  
386 WS-RT-098-PROFILEIDERR  
387 WS-RT-099-NETNAMEIDERR  
388 WS-RT-100-LOCKED  
389 WS-RT-101-RECORDBUSY  
390 WS-RT-102-UOWNOTFOUND  
391 WS-RT-103-UOWLNOTFOUND  
392 WS-RT-104-LINKABEND  
393 WS-RT-105-CHANGED  
394 WS-RT-106-PROCESSBUSY  
395 WS-RT-107-ACTIVITYBUSY  
396 WS-RT-108-PROCESSERR  
397 WS-RT-109-ACTIVITYERR  
398 WS-RT-110-CONTAINERERR  
399 WS-RT-111-EVENTERR  
400 WS-RT-112-TOKENERR  
401 WS-RT-113-NOTFINISHED  
402 WS-RT-114-POOLERR  
403 WS-RT-115-TIMERERR  
404 WS-RT-116-SYMBOLERR  
405 WS-RT-117-TEMPLATERR  
406 WS-RT-118-NOTSUPERUSER  
407 WS-RT-119-CSDERR  
408 WS-RT-120-DUPRES  
409 WS-RT-121-RESUNAVAIL  
410 WS-RT-122-CHANNELERR  
411 WS-RT-123-CCSIDERR  
412 WS-RT-124-TIMEDOUT  
413 WS-RT-125-CODEPAGEERR  
414 WS-RT-126-INCOMPLETE  
415 WS-RT-127-APPNOTFOUND

39	WS-SEND-DATAONLY-ALARM-88. . .	M625 M698 866
38	WS-SEND-DATAONLY-88. . . . .	M694 834
37	WS-SEND-ERASE-88 . . . . .	M598 M604 802
36	WS-SEND-FLAG	
17	WS-TRUE-CNST	
48	WS-USER-MESSAGES	
34	WS-VALID-DATA-FLAG . . . . .	M741 M779
35	WS-VALID-DATA-88 . . . . .	692
19	WS-YES-CNST	
489	ZIPCODEA	
535	ZIPCODEC	
487	ZIPCODEF . . . . .	488
536	ZIPCODEH	
491	ZIPCODEI	

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486	ZIPCODEL	
537	ZIPCODEO . . . . .	M777 M786

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 Context usage is indicated by the letter preceding a procedure-name reference.

These letters and their meanings are:

A = ALTER (procedure-name)  
 D = GO TO (procedure-name) DEPENDING ON  
 E = End of range of (PERFORM) through (procedure-name)  
 G = GO TO (procedure-name)  
 P = PERFORM (procedure-name)  
 T = (ALTER) TO PROCEED TO (procedure-name)  
 U = USE FOR DEBUGGING (procedure-name)

Defined	Cross-reference of procedures	References
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582	0000-PROCESS-CUSTOMER-INQUIRY	
687	1000-PROCESS-CUSTOMER-MAP. . .	P620
703	1100-RECEIVE-CUSTOMER-MAP. . .	P689
737	1200-EDIT-CUSTOMER-DATA. . . .	P690

```

      745  1300-GET-CUSTOMER-RECORD . . . P693
      799  1400-SEND-CUSTOMER-MAP . . . P599 P605 P627 P696 P700
      908  8100-CMF-OPEN. . . . . P746
      950  8200-CMF-CLOSE . . . . . P611 P794
      993  9700-RESPTXT. . . . . P657 P684 P731 P791 P831
P863 P897 P941 P983
      1035  9800-SEND-TERMINATION-MESSAGE. P613
      1052  9900-HANDLE-ABEND
PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P230918
CMINQF2A Date 11/11/2024 Time 22:47:00 Page 31
Defined Cross-reference of programs References

```

```

      2  CMINQF2A
EXTERNAL DFHEI1 . . . . . 591 617 649 676 722 768
823 855 888 927 936 969 979 1024 1041 1045 1060 1064
PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P230918
CMINQF2A Date 11/11/2024 Time 22:47:00 Page 32

```

COPY/BASIS cross-reference of text-names, library names  
and dataset information

Text-name	Library	File name
Concat	ISPF statistics	
(Member)	(DDNAME)	(Dataset name)
Level	Created	Changed
ATTR	SYSLIB	KC03F2A.DCMAFD02.COPYBOOK.WS.COBOL
2	2023/04/27	2024/11/06 17:11:21
CMFCLOSE	SYSLIB	KC03F2A.DCMAFD02.COPYBOOK.PR.COBOL
3	2024/11/06	2024/11/06 17:09:12
CMFOPEN	SYSLIB	KC03F2A.DCMAFD02.COPYBOOK.PR.COBOL
3	2023/04/27	2024/11/06 17:08:49
CMFWSREC	SYSLIB	KC03F2A.DCMAFD02.COPYBOOK.WS.COBOL
2	2024/11/06	2024/11/06 17:12:03
CMFWSSTS	SYSLIB	KC03F2A.DCMAFD02.COPYBOOK.WS.COBOL
2	2024/11/06	2024/11/06 17:12:47
DFHAID	SYSLIB	DFH610.CICS.SDFHCOB
0		
ERRORSWS	SYSLIB	KC03F2A.DCMAFD02.COPYBOOK.WS.COBOL

```
2      2024/11/06    2024/11/06 17:13:16
HDLABEND SYSLIB      KC03F2A.DCMAFD02.COPYBOOK.PR.COBOL
3      2024/11/06    2024/11/06 17:09:56
INQSF2A  SYSLIB      KC03F2A.DCMAFD02.A5P1.COBOL
1
RESPTEXT SYSLIB      KC03F2A.DCMAFD02.COPYBOOK.PR.COBOL
3      2024/11/06    2024/11/06 17:10:29
TERMMMSG SYSLIB      KC03F2A.DCMAFD02.COPYBOOK.PR.COBOL
3      2024/11/06    2024/11/06 17:10:52
```

\* Statistics for COBOL program CMINQF2A:

\* Source records = 1247

\* Data Division statements = 429

\* Procedure Division statements = 235

\* Generated COBOL statements = 68

\* Program complexity factor = 316

End of compilation 1, program CMINQF2A, no statements flagged.

Return code 0

DATA SET UTILITY - GENERATE

PAGE 0001

PROCESSING ENDED AT EOD

z/OS V2 R5 BINDER 22:47:04 MONDAY NOVEMBER 11, 2024

BATCH EMULATOR JOB(CMINQF2A) STEP(COMPLI ) PGM= IEWL

PROCEDURE(LKED )

IEW2278I B352 INVOCATION PARAMETERS - LIST,XREF,RENT,MAP

IEW2322I 1220 1 INCLUDE SYSLIB(DFHELII)

IEW2322I 1220 2 NAME CMINQF2A(R)

\*\*\* M O D U L E M A P \*\*\*

-----  
CLASS C\_CODE  
LOAD, RMODE=ANY

LENGTH = 3538 ATTRIBUTES = CAT,

OFFSET = 0 IN SEGMENT 001 ALIGN

= DBLWORD  
-----

SECTION CLASS

-----

SOURCE -----

MEMBER	OFFSET	OFFSET	NAME	TYPE	LENGTH	DDNAME	SEQ
--------	--------	--------	------	------	--------	--------	-----

		0	CMINQF2A	CSECT	3538	SYSLIN	02
**NULL**							
	0	0	CMINQF2A#C	LABEL			
	0	0	CMINQF2A	LABEL			

```

-----
CLASS  B_TEXT          LENGTH =      C18  ATTRIBUTES = CAT,
LOAD, RMODE=ANY
          OFFSET =      3538 IN SEGMENT 001      ALIGN
= DBLWORD
-----

```

SECTION CLASS

SOURCE -----

MEMBER	OFFSET	OFFSET	NAME	TYPE	LENGTH	DDNAME	SEQ
--------	--------	--------	------	------	--------	--------	-----

		0	DFHELII	CSECT	28	SYSLIB	01
DFHELII							
	0	0	DFHEPIN	LABEL			
	8	8	DFHEXEC	LABEL			
	8	8	DFHEI1	LABEL			
	8	8	DFHEPI	LABEL			
	8	8	DFHEI2	LABEL			
	8	8	DFHEI3	LABEL			
	8	8	DFHEI4	LABEL			
	8	8	DFHEI5	LABEL			
	8	8	DFHEI6	LABEL			
	8	8	DFHEI7	LABEL			
	8	8	DFHEI8	LABEL			
	8	8	DFHEI9	LABEL			
	8	8	DFHEI10	LABEL			
	8	8	DFHEI11	LABEL			
	8	8	DFHEI12	LABEL			
	8	8	DFHEI13	LABEL			

8	8	DFHEI14	LABEL
8	8	DFHEI15	LABEL
8	8	DFHEI16	LABEL
8	8	DFHEI17	LABEL
8	8	DFHEI18	LABEL
8	8	DFHEI01	LABEL
8	8	DLZEI01	LABEL
8	8	DLZEI02	LABEL
8	8	DLZEI03	LABEL
8	8	DLZEI04	LABEL

IGZXS61	28	IGZXS61	*	CSECT	10	SYSLIB	02
CEESG004	38	CEESG004	*	CSECT	34	SYSLIB	02
IGZXRT1	70	IGZXRT1	*	CSECT	12	SYSLIB	02
IGZXTREC	88	IGZXTREC	*	CSECT	12	SYSLIB	02
IGZXVM0	A0	IGZXVM0	*	CSECT	12	SYSLIB	02

## \*\*\* M O D U L E M A P \*\*\*

SECTION	CLASS						
SOURCE	-----						
OFFSET	OFFSET	NAME		TYPE	LENGTH	DDNAME	SEQ
MEMBER							
	B8	IGZXCMSG	*	CSECT	12	SYSLIB	02
IGZXCMSG							
	D0	IGZXPRS	*	CSECT	12	SYSLIB	02
IGZXPRS							

IGZXBST4	E8	IGZXBST4	*	CSECT	4E0	SYSLIB	02
CEEBETBL	5C8	CEEBETBL	*	CSECT	28	SYSLIB	02
CEESTART	5F0	CEESTART	*	CSECT	B0	SYSLIB	02
CEEBPUBT	6A0	CEEBPUBT	*	CSECT	70	SYSLIB	02
CEEBTRM	710	CEEBTRM	*	CSECT	74	SYSLIB	02
CEEBTRM	788	CEECPYRT	*	CSECT	CF	SYSLIB	02
CEEBLLST	858	CEEBLLST	*	CSECT	5C	SYSLIB	02
10	868	CEELLIST		LABEL			
CEEBINT	8B8	CEEBINT	*	CSECT	8	SYSLIB	02
CEEARLU	8C0	CEEARLU	*	CSECT	B8	SYSLIB	02
CEEINT	978	CEEBPIRA	*	CSECT	2A0	SYSLIB	02
0	978	CEEINT		LABEL			
0	978	CEEBPIRB		LABEL			
0	978	CEEBPIRC		LABEL			
*** M O D U L E M A P ***							

-----  
 CLASS C\_@PPA2  
 LOAD, RMODE=ANY

LENGTH = 8 ATTRIBUTES = MRG,  
 OFFSET = 4150 IN SEGMENT 001 ALIGN

= DBLWORD

-----

CLASS	OFFSET	NAME	TYPE	LENGTH	SECTION
	0	\$PRIV000010	PART	8	CMINQF2A

-----

CLASS C\_@@CSINIT                      LENGTH =            4    ATTRIBUTES = MRG,  
 LOAD, RMODE=ANY                      OFFSET =            4158 IN SEGMENT 001            ALIGN

= DBLWORD

-----

CLASS	OFFSET	NAME	TYPE	LENGTH	SECTION
	0	\$PRIV000011	PART	4	CMINQF2A

-----

CLASS B\_LIT                              LENGTH =            100    ATTRIBUTES = CAT,  
 LOAD, RMODE=ANY                      OFFSET =            4160 IN SEGMENT 001            ALIGN

= DBLWORD

-----

SECTION	CLASS	NAME	TYPE	LENGTH	DDNAME	SEQ
SOURCE	-----					
OFFSET	OFFSET					
MEMBER						
	0	IEWBLIT	CSECT	100		
**NULL**						
0	0	IEWBLIT	LABEL			

-----

CLASS C\_WSA                              LENGTH =            CC    ATTRIBUTES = MRG,  
 DEFER , RMODE=ANY                      OFFSET =            0 IN SEGMENT 002            ALIGN

= DBLWORD



-----

CLASS	OFFSET	NAME	TYPE	LENGTH	SECTION
	0	\$PRIV000012	PART	10	
	10	CMINQF2A#S	PART	BC	CMINQF2A

-----

CLASS C\_CEESG003            LENGTH =            0    ATTRIBUTES = CAT,  
NOLOAD

-----

SECTION	CLASS					
SOURCE	-----					
OFFSET	OFFSET	NAME	TYPE	LENGTH	DDNAME	SEQ
MEMBER						
	0	CMINQF2A	CSECT	0	SYSLIN	02

\*\*NULL\*\*

\*\*\* DATA SET SUMMARY \*\*\*

DDNAME    CONCAT    FILE IDENTIFICATION

SYSLIB    01       DFH610.CICS.SDFHLOAD

SYSLIB    02       CEE.SCEELKED

SYSLIN    02       SYS24316.T224657.RA000.CMINQF2A.LOADSET.H01

\*\*\* SYMBOL REFERENCES NOT ASSOCIATED WITH ANY ADCON \*\*\*

TYPE    SCOPE    NAME

\*\*\* E N D   O F   M O D U L E   M A P \*\*\*

C R O S S - R E F E R E N C

E T A B L E

-----

TEXT CLASS = C\_CODE

----- R E F E R E N C E -----				T A
R G E T	-----			
CLASS	ELEMENT			
ELEMENT	OFFSET	SECT/PART(ABBREV)	OFFSET TYPE	SYMBOL(ABBREV)
SECTION (ABBREV)	OFFSET	CLASS NAME		
24 CMINQF2A	24	A-CON		CMINQF2A#C
CMINQF2A	0	C_CODE		
2C CMINQF2A	2C	A-CON		CMINQF2A#C
CMINQF2A	0	C_CODE		
30 CMINQF2A	30	A-CON		CMINQF2A#C
CMINQF2A	0	C_CODE		
34 CMINQF2A	34	A-CON		CMINQF2A#C
CMINQF2A	0	C_CODE		
38 CMINQF2A	38	V-CON		IGZXBST4
IGZXBST4	0	B_TEXT		
3C CMINQF2A	3C	A-CON		CMINQF2A#C
CMINQF2A	0	C_CODE		
44 CMINQF2A	44	A-CON		CMINQF2A#C
CMINQF2A	0	C_CODE		
2414 CMINQF2A	2414	Q-CON		CMINQF2A#S
\$NON-RELOCATABLE	10	C_WSA		
2418 CMINQF2A	2418	V-CON		DFHEI1
DFHEI1	8	B_TEXT		
241C CMINQF2A	241C	V-CON		IGZXPRS
IGZXPRS	0	B_TEXT		
2420 CMINQF2A	2420	V-CON		IGZXCMSG
IGZXCMSG	0	B_TEXT		
2424 CMINQF2A	2424	A-CON		CMINQF2A#C
CMINQF2A	0	C_CODE		
2428 CMINQF2A	2428	A-CON		CMINQF2A#C
CMINQF2A	0	C_CODE		
242C CMINQF2A	242C	V-CON		IGZXVM0
IGZXVM0	0	B_TEXT		

CMINQF2A:JOB02751.spool

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2430 CMINQF2A  
IGZXTREC  
2434 CMINQF2A  
IGZXRT1  
2554 CMINQF2A  
CMINQF2A  
2560 CMINQF2A  
CMINQF2A  
26A4 CMINQF2A  
CMINQF2A  
325C CMINQF2A  
CMINQF2A  
3484 CMINQF2A  
CEESTART  
3484 CMINQF2A  
CMINQF2A  
349C CMINQF2A  
CMINQF2A  
34A0 CMINQF2A  
CEESTART  
34A4 CMINQF2A  
CEEBETBL  
34F4 CMINQF2A  
\$NON-RELOCATABLE

2430	V-CON		IGZXTREC
0	B_TEXT		
2434	V-CON		IGZXRT1
0	B_TEXT		
2554	A-CON		CMINQF2A#C
0	C_CODE		
2560	A-CON		CMINQF2A#C
0	C_CODE		
26A4	A-CON		CMINQF2A#C
0	C_CODE		
325C	A-CON		CMINQF2A#C
0	C_CODE		
3484	A-CON		CEESTART
0	B_TEXT		
3484	A-CON		CMINQF2A#C
0	C_CODE		
349C	A-CON		CMINQF2A#C
0	C_CODE		
34A0	V-CON		CEESTART
0	B_TEXT		
34A4	V-CON		CEEBETBL
0	B_TEXT		
34F4	Q-CON		CMINQF2A#S
10	C_WSA		

TEXT CLASS = B\_TEXT

----- R E F E R E N C E -----				T A
R G E T	-----			
CLASS	ELEMENT			
ELEMENT	OFFSET SECT/PART(ABBREV)	OFFSET TYPE	SYMBOL(ABBREV)	
SECTION (ABBREV)	OFFSET CLASS NAME			
4C	CEESG004	14 A-CON	IGZE0PT	
\$UNRESOLVED(W)				
50	CEESG004	18 A-CON	IGZETUN	

\$UNRESOLVED(W)				
54 CEESG004	1C A-CON		IGZXRES1	
\$UNRESOLVED(W)				
58 CEESG004	20 A-CON		IEWBLIT	
IEWBLIT	0 B_LIT			
538 IGZXBST4	450 V-CON		CEEINT	
CEEBPIRA	0 B_TEXT			
53C IGZXBST4	454 V-CON		CEEARLU	
CEEARLU	0 B_TEXT			
540 IGZXBST4	458 A-CON		CEESG004	
CEESG004	0 B_TEXT			
5CC CEEBETBL	4 V-CON		CEEBXITA	
\$UNRESOLVED(W)				
5D0 CEEBETBL	8 V-CON		CEEBINT	
CEEBINT	0 B_TEXT			
5D4 CEEBETBL	C V-CON		CEEBLLST	
CEEBLLST	0 B_TEXT			
5D8 CEEBETBL	10 V-CON		CEEUOPT	
\$UNRESOLVED(W)				
5DC CEEBETBL	14 V-CON		CEEBTRM	
CEEBTRM	0 B_TEXT			
5E4 CEEBETBL	1C V-CON		CEEBPUBT	
CEEBPUBT	0 B_TEXT			

## C R O S S - R E F E R E N C

## E T A B L E

TEXT CLASS = B\_TEXT

R E F E R E N C E				T A	
R G E T					
CLASS	ELEMENT				
ELEMENT	OFFSET SECT/PART(ABBREV)	OFFSET	TYPE	SYMBOL(ABBREV)	
SECTION (ABBREV)		OFFSET	CLASS NAME		

5E8 CEEBETBL		20 V-CON	IEWBLIT
IEWBLIT	0 B_LIT		
64C CEESTART		5C A-CON	CEEMAIN
\$UNRESOLVED(W)			
65C CEESTART		6C C-LEN	
\$NON-RELOCATABLE	B_PRV		
688 CEESTART		98 A-CON	CEEFMAIN
\$UNRESOLVED(W)			
694 CEESTART		A4 A-CON	CEEBETBL
CEEBETBL	0 B_TEXT		
698 CEESTART		A8 A-CON	CEER00TA
\$UNRESOLVED(W)			
69C CEESTART		AC A-CON	CEER00TD
\$UNRESOLVED(W)			
77C CEEBTRM		6C A-CON	CEEBPUBT
CEEBPUBT	0 B_TEXT		
868 CEEBLLST		10 A-CON	CEESG000
\$UNRESOLVED(W)			
86C CEEBLLST		14 A-CON	CEESG001
\$UNRESOLVED(W)			
870 CEEBLLST		18 A-CON	CEESG002
\$UNRESOLVED(W)			
874 CEEBLLST		1C A-CON	CEESG003
\$UNRESOLVED(W)			
878 CEEBLLST		20 A-CON	CEESG004
CEESG004	0 B_TEXT		
87C CEEBLLST		24 A-CON	CEESG005
\$UNRESOLVED(W)			
880 CEEBLLST		28 A-CON	CEESG006
\$UNRESOLVED(W)			
884 CEEBLLST		2C A-CON	CEESG007
\$UNRESOLVED(W)			
888 CEEBLLST		30 A-CON	CEESG008
\$UNRESOLVED(W)			
88C CEEBLLST		34 A-CON	CEESG009
\$UNRESOLVED(W)			
890 CEEBLLST		38 A-CON	CEESG010
\$UNRESOLVED(W)			

894 CEEBLLST	3C A-CON		CEESG011
\$UNRESOLVED(W)			
898 CEEBLLST	40 A-CON		CEESG012
\$UNRESOLVED(W)			
89C CEEBLLST	44 A-CON		CEESG013
\$UNRESOLVED(W)			
8A0 CEEBLLST	48 A-CON		CEESG014
\$UNRESOLVED(W)			
8A4 CEEBLLST	4C A-CON		CEESG015
\$UNRESOLVED(W)			
8A8 CEEBLLST	50 A-CON		CEESG016
\$UNRESOLVED(W)			
BA8 CEEBPIRA	230 A-CON		CEEBPUBT
CEEBPUBT	0 B_TEXT		

TEXT CLASS = C\_@@PPA2

----- R E F E R E N C E -----				T A
R G E T -----				
CLASS	ELEMENT			
ELEMENT	OFFSET SECT/PART(ABBREV)	OFFSET TYPE	SYMBOL(ABBREV)	
SECTION (ABBREV)	OFFSET CLASS NAME			
4 \$PRIV000010	4 A-CON		CMINQF2A#C	
CMINQF2A	0 C_CODE			

TEXT CLASS = C\_@@CSINIT

----- R E F E R E N C E -----				T A
R G E T -----				
CLASS	ELEMENT			
ELEMENT	OFFSET SECT/PART(ABBREV)	OFFSET TYPE	SYMBOL(ABBREV)	
SECTION (ABBREV)	OFFSET CLASS NAME			

```

|
|      0 $PRIV000011      0 A-CON | CMINQF2A#C
CMINQF2A      0 C_CODE      |

```

TEXT CLASS = B\_LIT

```

----- R E F E R E N C E ----- T A
R G E T -----
  CLASS                      ELEMENT |
ELEMENT                      |
  OFFSET SECT/PART(ABBREV)      OFFSET TYPE | SYMBOL(ABBREV)
SECTION (ABBREV)      OFFSET CLASS NAME      |
|
|      28 IEWBLIT      28 L TOKE|
|

```

C R O S S - R E F E R E N C

E T A B L E

TEXT CLASS = B\_LIT

```

----- R E F E R E N C E ----- T A
R G E T -----
  CLASS                      ELEMENT |
ELEMENT                      |
  OFFSET SECT/PART(ABBREV)      OFFSET TYPE | SYMBOL(ABBREV)
SECTION (ABBREV)      OFFSET CLASS NAME      |
|
|      50 IEWBLIT      50 C-LEN |
$NON-RELOCATABLE      B_TEXT      |
|      54 IEWBLIT      54 A-CON |
B_TEXT      |
|      70 IEWBLIT      70 C-LEN |

```

CMINQF2A:JOB02751.spool

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```

$NON-RELOCATABLE
  74 IEWBLIT
C_CODE          |
  90 IEWBLIT
$NON-RELOCATABLE
  B0 IEWBLIT
$NON-RELOCATABLE
  B4 IEWBLIT
C_@@PPA2        |
  D0 IEWBLIT
$NON-RELOCATABLE
  D4 IEWBLIT
C_@@CSINIT      |
  F0 IEWBLIT
$NON-RELOCATABLE
  F4 IEWBLIT
B_LIT           |

```

```

C_CODE          |
  74 A-CON      |
                |
  90 C-LEN      |
C_WSA           |
  B0 C-LEN      |
C_@@PPA2        |
  B4 A-CON      |
                |
  D0 C-LEN      |
C_@@CSINIT      |
  D4 A-CON      |
                |
  F0 C-LEN      |
B_LIT           |
  F4 A-CON      |

```

TEXT CLASS = C\_WSA

----- R E F E R E N C E -----				T A
R G E T	-----			
CLASS	ELEMENT			
ELEMENT				
OFFSET SECT/PART(ABBREV)	OFFSET	TYPE	SYMBOL(ABBREV)	
SECTION (ABBREV)	OFFSET	CLASS NAME		
28 CMINQF2A#S	28	A-CON	CMINQF2A#C	
CMINQF2A	0	C_CODE		
2C CMINQF2A#S	2C	A-CON	CMINQF2A#C	
CMINQF2A	0	C_CODE		
30 CMINQF2A#S	30	A-CON	CMINQF2A#C	
CMINQF2A	0	C_CODE		
34 CMINQF2A#S	34	A-CON	CMINQF2A#C	
CMINQF2A	0	C_CODE		
38 CMINQF2A#S	38	A-CON	CMINQF2A#C	
CMINQF2A	0	C_CODE		



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3C CMINQF2A#S  
CMINQF2A  
40 CMINQF2A#S  
CMINQF2A  
44 CMINQF2A#S  
CMINQF2A  
48 CMINQF2A#S  
CMINQF2A  
54 CMINQF2A#S  
\$PRIV000003  
58 CMINQF2A#S  
CMINQF2A  
A0 CMINQF2A#S  
CMINQF2A  
B4 CMINQF2A#S  
\$PRIV000003

E F E R E N C E \*\*\*

3C	A-CON		CMINQF2A#C
0	C_CODE		
40	A-CON		CMINQF2A#C
0	C_CODE		
44	A-CON		CMINQF2A#C
0	C_CODE		
48	A-CON		CMINQF2A#C
0	C_CODE		
54	A-CON		CMINQF2A#S
10	C_WSA		
58	A-CON		CMINQF2A#C
0	C_CODE		
A0	V-CON		CMINQF2A
0	C_CODE		
B4	A-CON		CMINQF2A#S
10	C_WSA		
*** E N D O F C R O S S R			

Y R E P O R T \*\*\*

\*\*\* O P E R A T I O N S U M M A R

PROCESSING OPTIONS:

ALIASES	NO
ALIGN2	NO
AMODE	UNSPECIFIED
CALL	YES
CASE	UPPER
COMPAT	UNSPECIFIED
COMPRESS	AUTO
DCBS	NO
DYNAM	NO
EXTATTR	UNSPECIFIED
EXITS:	NONE
FILL	NONE
GID	UNSPECIFIED

HOBSET	NO
INFO	NO
LET	04
LINECT	060
LIST	SUMMARY
LISTPRIV	NO
LONGPARM	NO
MAP	YES
MAXBLK	032760
MODMAP	NO
MSGLEVEL	00
OVLY	NO
PRINT	YES
RES	NO
REUSABILITY	REENTRANT
RMODE	UNSPECIFIED
RMODEX	NO
SIGN	NO
STORENX	NOREPLACE
STRIPCL	NO
STRIPSEC	NO
SYMTRACE	
TERM	NO
TRAP	ON
UID	UNSPECIFIED
UPCASE	NO
WKSPACE	000000K,000000K
XCAL	NO
XREF	YES

\*\*\*END OF OPTIONS\*\*\*

## SAVE OPERATION SUMMARY:

MEMBER NAME	CMINQF2A
LOAD LIBRARY	TS0ECCC.CICSTS12.STUDENT.LOADLIB
PROGRAM TYPE	PROGRAM OBJECT(FORMAT 3)

VOLUME SERIAL	KCTR12
DISPOSITION	ADDED NEW
TIME OF SAVE	22.47.04 NOV 11, 2024

## SAVE MODULE ATTRIBUTES:

AC	000
AMODE	31
COMPRESSION	NONE
DC	NO
EDITABLE	YES
EXCEEDS 16MB	NO
EXECUTABLE	YES
LONGPARM	NO
MIGRATABLE	NO
OL	NO
OVLY	NO
PACK,PRIME	NO,NO
PAGE ALIGN	NO
REFR	NO
RENT	YES
REUS	YES
RMODE	ANY
SCTR	NO
SIGN	NO
SSI	
SYM GENERATED	NO
TEST	NO
XPLINK	NO
MODULE SIZE (HEX)	0000432C
DASD SIZE (HEX)	0000E000

## ENTRY POINT AND ALIAS SUMMARY:

NAME:	ENTRY TYPE	AMODE	C_OFFSET	CLASS	NAME
STATUS					

CMINQF2A:JOB02751.spool

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CMINQF2A

MAIN\_EP

31 00000000 C\_CODE

\*\*\* E N D   O F   O P E R A T I O N   S U  
M M A R Y   R E P O R T \*\*\*

z/OS V2 R5 BINDER      22:47:04 MONDAY NOVEMBER 11, 2024  
BATCH EMULATOR   JOB(CMINQF2A) STEP(COMPLI   ) PGM= IEWL  
PROCEDURE(LKED      )  
IEW2008I 0F03 PROCESSING COMPLETED.   RETURN CODE =   0.

-----  
MESSAGE SUMMARY REPORT  
-----

TERMINAL MESSAGES      (SEVERITY = 16)  
NONE

SEVERE MESSAGES      (SEVERITY = 12)  
NONE

ERROR MESSAGES      (SEVERITY = 08)  
NONE

WARNING MESSAGES      (SEVERITY = 04)  
NONE

INFORMATIONAL MESSAGES (SEVERITY = 00)  
2008   2278   2322

\*\*\*\* END OF MESSAGE SUMMARY REPORT \*\*\*\*