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

09.37.46 JOB04373 ---- FRIDAY,   22 NOV 2024 ----
09.37.46 JOB04373 IRR010I USERID KC03F2A IS ASSIGNED TO THIS JOB.
09.37.48 JOB04373 ICH70001I KC03F2A LAST ACCESS AT 09:36:45 ON FRIDAY, NOVEMBER 22, 2024
09.37.48 JOB04373 $HASP373 UUMENF2A STARTED - INIT 1   - CLASS A - SYS 8561
09.37.51 JOB04373 IEF764I UUMENF2A COMPLI COBOL DFHAPIR DFHEIMOD PARMLIB READ FAILED - MEMBER DFHAPIR NOT FOUND.
09.37.51 JOB04373 IEF764I UUMENF2A COMPLI COBOL DFHAPIR DFHEIMOD PARMLIB READ FAILED - MEMBER DFHAPIR NOT FOUND.
09.37.53 JOB04373 -   -----
TIMINGS (MINS.)------   -----PAGING COUNTS----
09.37.53 JOB04373 -STEPNAME PROCSTEP   RC   EXCP   CONN   TCB   SRB CLOCK   SERV WORKLOAD PAGE SWAP   VIO SWAPS
09.37.53 JOB04373 -COMPLI   COBOL   00 12961   183   .00   .00   .0   105 BATCH   0   0   0   0
09.37.54 JOB04373 -COMPLI   COPYLINK   00   23   2   .00   .00   .0   3 BATCH   0   0   0   0
09.37.54 JOB04373 -COMPLI   LKED   00   290   28   .00   .00   .0   49 BATCH   0   0   0   0
09.37.54 JOB04373 -UUMENF2A ENDED. NAME-
TOTAL TCB CPU TIME=   .00 TOTAL ELAPSED TIME=   .0
09.37.54 JOB04373 $HASP395 UUMENF2A ENDED - RC=0000
------ JES2 JOB STATISTICS ------
  22 NOV 2024 JOB EXECUTION DATE
         17 CARDS READ
      2,311 SYSOUT PRINT RECORDS
          0 SYSOUT PUNCH RECORDS
        154 SYSOUT SPOOL KBYTES
       0.12 MINUTES EXECUTION TIME
        1 //UUMENF2A JOB   JOB04373
          //*
        2 //CICSPROC JCLLIB ORDER=(KC03F2A.DCMAFD02.PROCLIB)

```
        //*
        //
****************************************************************
**
        //*            TRANSLATE COMPILE
        //*            AND LINK A CICS COBOL PROGRAM
        //
****************************************************************
**
     3 //COMPLI   EXEC DFHZITCL,
        //            PROGLIB=TSOECCC.CICSTS12.STUDENT.LOADLIB,
        //            PROGSRC=KC03F2A.DCMAFD02.A5P2.COBOL,
        //            PROGMBR=UUMENF2A,
        //
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
```

Page 2

```
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 HD7OPW  : 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 - GCO
*
          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*   integrated CICS translator to generate a COBOL
module
          XX*   into an application load library.
          XX*
          XX*
          XX*      This procedure contains 3 steps:
          XX*      1.   Exec the COBOL compiler and integrated
translator
          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=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*       //* 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.A5P2.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.A5P2.COBOL(UUMENF2A),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=UUMENF2A
      41 XXPGM       EXPORT EXPSET=UUMENF2A
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=TSOECCC.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=(EXECSYS)
         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 09:36:45 ON FRIDAY, NOVEMBER 22,
```

2024
IEFA111I UUMENF2A IS USING THE FOLLOWING JOB RELATED SETTINGS:
         SWA=ABOVE,TIOT SIZE=32K,DSENQSHR=DISALLOW,GDGBIAS=JOB
IEF236I ALLOC. FOR UUMENF2A 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 (*SYS24327.T093747.RA000.UUMENF2A.LOADSET.H01*)
        STORCLAS (TEMPSC) MGMTCLAS (   ) DATACLAS (   )
        VOL SER NOS= KCTR01
IGD101I SMS ALLOCATED TO DDNAME (SYSUT1)
        DSN (*SYS24327.T093747.RA000.UUMENF2A.R0115119   *)
        STORCLAS (TEMPSC) MGMTCLAS (   ) DATACLAS (   )
        VOL SER NOS= KCTR01
IGD101I SMS ALLOCATED TO DDNAME (SYSUT2)
        DSN (*SYS24327.T093747.RA000.UUMENF2A.R0115120   *)
        STORCLAS (TEMPSC) MGMTCLAS (   ) DATACLAS (   )
        VOL SER NOS= KCTR01
IGD101I SMS ALLOCATED TO DDNAME (SYSUT3)
        DSN (*SYS24327.T093747.RA000.UUMENF2A.R0115121   *)
        STORCLAS (TEMPSC) MGMTCLAS (   ) DATACLAS (   )
        VOL SER NOS= KCTR01
IGD101I SMS ALLOCATED TO DDNAME (SYSUT4)
        DSN (*SYS24327.T093747.RA000.UUMENF2A.R0115122   *)
        STORCLAS (TEMPSC) MGMTCLAS (   ) DATACLAS (   )
        VOL SER NOS= KCTR01
IGD101I SMS ALLOCATED TO DDNAME (SYSUT5)
        DSN (*SYS24327.T093747.RA000.UUMENF2A.R0115123   *)
        STORCLAS (TEMPSC) MGMTCLAS (   ) DATACLAS (   )
        VOL SER NOS= KCTR01
IGD101I SMS ALLOCATED TO DDNAME (SYSUT6)

```
            DSN (SYS24327.T093747.RA000.UUMENF2A.R0115124    )
            STORCLAS (TEMPSC) MGMTCLAS (        ) DATACLAS (        )
            VOL SER NOS= KCTR01
IGD101I SMS ALLOCATED TO DDNAME (SYSUT7  )
            DSN (SYS24327.T093747.RA000.UUMENF2A.R0115125    )
            STORCLAS (TEMPSC) MGMTCLAS (        ) DATACLAS (        )
            VOL SER NOS= KCTR01
IGD101I SMS ALLOCATED TO DDNAME (SYSUT8  )
            DSN (SYS24327.T093747.RA000.UUMENF2A.R0115126    )
            STORCLAS (TEMPSC) MGMTCLAS (        ) DATACLAS (        )
            VOL SER NOS= KCTR01
IGD101I SMS ALLOCATED TO DDNAME (SYSUT9  )
            DSN (SYS24327.T093747.RA000.UUMENF2A.R0115127    )
            STORCLAS (TEMPSC) MGMTCLAS (        ) DATACLAS (        )
            VOL SER NOS= KCTR01
IGD101I SMS ALLOCATED TO DDNAME (SYSUT10 )
            DSN (SYS24327.T093747.RA000.UUMENF2A.R0115128    )
            STORCLAS (TEMPSC) MGMTCLAS (        ) DATACLAS (        )
            VOL SER NOS= KCTR01
IGD101I SMS ALLOCATED TO DDNAME (SYSUT11 )
            DSN (SYS24327.T093747.RA000.UUMENF2A.R0115129    )
            STORCLAS (TEMPSC) MGMTCLAS (        ) DATACLAS (        )
            VOL SER NOS= KCTR01
IGD101I SMS ALLOCATED TO DDNAME (SYSUT12 )
            DSN (SYS24327.T093747.RA000.UUMENF2A.R0115130    )
            STORCLAS (TEMPSC) MGMTCLAS (        ) DATACLAS (        )
            VOL SER NOS= KCTR01
IGD101I SMS ALLOCATED TO DDNAME (SYSUT13 )
            DSN (SYS24327.T093747.RA000.UUMENF2A.R0115131    )
            STORCLAS (TEMPSC) MGMTCLAS (        ) DATACLAS (        )
            VOL SER NOS= KCTR01
IGD101I SMS ALLOCATED TO DDNAME (SYSUT14 )
            DSN (SYS24327.T093747.RA000.UUMENF2A.R0115132    )
            STORCLAS (TEMPSC) MGMTCLAS (        ) DATACLAS (        )
            VOL SER NOS= KCTR01
IGD101I SMS ALLOCATED TO DDNAME (SYSUT15 )
            DSN (SYS24327.T093747.RA000.UUMENF2A.R0115133    )
            STORCLAS (TEMPSC) MGMTCLAS (        ) DATACLAS (        )
            VOL SER NOS= KCTR01
```

```
IGD101I SMS ALLOCATED TO DDNAME (SYSMDECK)
        DSN (SYS24327.T093747.RA000.UUMENF2A.R0115134    )
        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 UUMENF2A 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 UUMENF2A COMPLI COBOL DFHAPIR DFHEIMOD PARMLIB READ FAILED
— MEMBER DFHAPIR NOT FOUND.
IEF142I UUMENF2A 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.A5P2.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.UUMENF2A.JOB04373.D0000102.?       SYSOUT
IGD106I SYS24327.T093747.RA000.UUMENF2A.LOADSET.H01  PASSED,
DDNAME=SYSLIN
IGD105I SYS24327.T093747.RA000.UUMENF2A.R0115119     DELETED,
DDNAME=SYSUT1
IGD105I SYS24327.T093747.RA000.UUMENF2A.R0115120     DELETED,
DDNAME=SYSUT2
IGD105I SYS24327.T093747.RA000.UUMENF2A.R0115121     DELETED,
DDNAME=SYSUT3
IGD105I SYS24327.T093747.RA000.UUMENF2A.R0115122     DELETED,
DDNAME=SYSUT4
IGD105I SYS24327.T093747.RA000.UUMENF2A.R0115123     DELETED,
DDNAME=SYSUT5
IGD105I SYS24327.T093747.RA000.UUMENF2A.R0115124     DELETED,
DDNAME=SYSUT6
IGD105I SYS24327.T093747.RA000.UUMENF2A.R0115125     DELETED,
DDNAME=SYSUT7
IGD105I SYS24327.T093747.RA000.UUMENF2A.R0115126     DELETED,
DDNAME=SYSUT8
IGD105I SYS24327.T093747.RA000.UUMENF2A.R0115127     DELETED,
DDNAME=SYSUT9
IGD105I SYS24327.T093747.RA000.UUMENF2A.R0115128     DELETED,
DDNAME=SYSUT10
IGD105I SYS24327.T093747.RA000.UUMENF2A.R0115129     DELETED,
DDNAME=SYSUT11
IGD105I SYS24327.T093747.RA000.UUMENF2A.R0115130     DELETED,
DDNAME=SYSUT12
IGD105I SYS24327.T093747.RA000.UUMENF2A.R0115131     DELETED,
DDNAME=SYSUT13
IGD105I SYS24327.T093747.RA000.UUMENF2A.R0115132     DELETED,
DDNAME=SYSUT14
IGD105I SYS24327.T093747.RA000.UUMENF2A.R0115133     DELETED,
DDNAME=SYSUT15
IGD105I SYS24327.T093747.RA000.UUMENF2A.R0115134     DELETED,
```

DDNAME=SYSMDECK
IGD104I *KC03F2A.DCMAFD02.A5P2.COBOL*   RETAINED,
DDNAME=SYSIN
IEF373I STEP/COBOL   /START 2024327.0937
IEF032I STEP/COBOL   /STOP 2024327.0937
       CPU: 0 HR 00 MIN 00.06 SEC   SRB: 0 HR 00 MIN
00.00 SEC
         VIRT: 7888K SYS: 788K EXT: 137140K SYS: 13792K
         ATB— REAL: 8564K SLOTS:
0K
              VIRT— ALLOC: 540M SHRD: 0M
IEF236I ALLOC. FOR UUMENF2A COPYLINK COMPLI
IEF237I 1847 ALLOCATED TO SYSUT1
IGD101I SMS ALLOCATED TO DDNAME (SYSUT2)
         DSN (SYS24327.T093747.RA000.UUMENF2A.COPYLINK.H01)
         STORCLAS (TEMPSC) MGMTCLAS (   ) DATACLAS (   )
         VOL SER NOS= KCTR01
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I DMY ALLOCATED TO SYSIN
IEF142I UUMENF2A COPYLINK COMPLI — STEP WAS EXECUTED — COND CODE
0000
IEF285I   *DFH610.CICS.SDFHSAMP*   KEPT
IEF285I   VOL SER NOS= VTDFHL.
IGD106I *SYS24327.T093747.RA000.UUMENF2A.COPYLINK.H01* PASSED,
DDNAME=SYSUT2
IEF285I   KC03F2A.UUMENF2A.JOB04373.D0000103.?   SYSOUT
IEF373I STEP/COPYLINK/START 2024327.0937
IEF032I STEP/COPYLINK/STOP 2024327.0937
       CPU: 0 HR 00 MIN 00.00 SEC   SRB: 0 HR 00 MIN
00.00 SEC
         VIRT: 228K SYS: 252K EXT: 12K SYS: 11588K
         ATB— REAL: 1308K SLOTS:
0K
              VIRT— ALLOC: 22M SHRD: 0M
IEF236I ALLOC. FOR UUMENF2A LKED COMPLI
IEF237I 1847 ALLOCATED TO SYSLIB
IEF237I 1001 ALLOCATED TO
IGD103I SMS ALLOCATED TO DDNAME SYSLMOD
IGD101I SMS ALLOCATED TO DDNAME (SYSUT1)

```
         DSN (SYS24327.T093747.RA000.UUMENF2A.R0115135   )
         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 UUMENF2A 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 SYS24327.T093747.RA000.UUMENF2A.R0115135    DELETED,
DDNAME=SYSUT1
IEF285I   KC03F2A.UUMENF2A.JOB04373.D0000104.?       SYSOUT
IGD105I SYS24327.T093747.RA000.UUMENF2A.COPYLINK.H01 DELETED,
DDNAME=SYSLIN
IGD105I SYS24327.T093747.RA000.UUMENF2A.LOADSET.H01  DELETED,
DDNAME=
IEF285I   KC03F2A.UUMENF2A.JOB04373.D0000101.?       SYSIN
IEF373I STEP/LKED   /START 2024327.0937
IEF032I STEP/LKED   /STOP  2024327.0937
     CPU:     0 HR  00 MIN  00.01 SEC    SRB:     0 HR  00 MIN
00.00 SEC
       VIRT:   88K  SYS:   256K  EXT:    1768K  SYS:    11756K
      ATB- REAL:                 1316K  SLOTS:
0K
          VIRT- ALLOC:       25M SHRD:       0M
IEF375I  JOB/UUMENF2A/START 2024327.0937
IEF033I  JOB/UUMENF2A/STOP  2024327.0937
     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 P240628
Date 11/22/2024  Time 09:37:50   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(NOSKIPSRC)
 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 P240628
Date 11/22/2024  Time 09:37:50   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
 NOCPSM
 LINKAGE
 COBOL3
 LENGTH
PP 5655-EC6 IBM Enterprise COBOL for z/OS  6.3.0 P240628
UUMENF2A  Date 11/22/2024  Time 09:37:50    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. UUMENF2A.
  000003                  AUTHOR. TALENT NYOTA.
  000004                  DATE-WRITTEN. 21-11-2024.
  000005                 *PROGRAM DESCRIPTION:
  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-TRANSID-CNST           PIC
X(04) VALUE 'UF2A'.
   000026                      05 WS-MEN-MAPSET-CNST            PIC
X(08) VALUE 'MENSF2A '.
   000027                      05 WS-MEN-MAP-CNST               PIC
X(08) VALUE 'MENMF2A '.
   000028              *
   000029           01 WS-FILE-CNSTS.
   000030                      05 WS-CMF-FILE-NAME-CNST         PIC
X(08) VALUE 'CMFF2A  '.
   000031              *
   000032           01 WS-FLAGS.
   000033                      05 WS-VALID-DATA-FLAG            PIC X
VALUE 'Y'.
   000034                         88 WS-VALID-DATA-88
VALUE 'Y'.
   000035                      05 WS-SEND-FLAG                  PIC X.
   000036                         88  WS-SEND-ERASE-88
VALUE '1'.
   000037                         88  WS-SEND-DATAONLY-88
VALUE '2'.
   000038                         88  WS-SEND-DATAONLY-ALARM-88
VALUE '3'.
   000039              *
   000040           01 WS-RESPONSE-CODES.
```

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```
  000041                          05 WS-RESPONSE-CODE                    PIC
S9(8)  COMP VALUE 0.
  000042                          05 WS-RESPONSE-CODE2                   PIC
S9(8)  COMP VALUE 0.
  000043                      *
  000044                   01 WS-END-OF-SESSION-MESSAGE         PIC
X(13)
  000045                       VALUE 'Session ended'.
  000046                      *
  000047                   01 WS-USER-MESSAGES.
  000048                      *              ----+----1----+----2----
+----3----+----4
  000049                          05 WS-KEY-INVALID.
  000050                             10 FILLER                        PIC
X(40)
  000051                                VALUE 'Invalid key pressed.
'.
  000052                             10 FILLER                        PIC
X(39)
  000053                                VALUE SPACES.
IMP
  000054                      *              ----+----1----+----2----
+----3----+----4
  000055                          05 WS-ENTER-VALID-ACTION.
  000056                             10 FILLER                        PIC
X(40)
  000057                                VALUE 'You must enter valid
action.           '.
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UUMENF2A  Date 11/22/2024  Time 09:37:50    Page     4
  LineID  PL SL  ----+-*A-1-B--+----2----+----3----+----4----
+----5----+----6----+----7-|--+----8 Map and Cross Reference
  000058                             10 FILLER                        PIC
X(39)
  000059                                VALUE SPACES.
IMP
  000060                      *              ----+----1----+----2----
+----3----+----4
  000061                          05 WS-PROGRAM-NOT-AVAILABLE.
```

```
 000062                         10 FILLER                    PIC
X(40)
 000063                            VALUE 'That program is not
available.            '.
 000064                         10 FILLER                    PIC
X(08)
 000065                            VALUE 'PROGRAM='.
 000066                         10 WS-PROGRAM-NAME-NOT-AVAIL PIC
X(08)
 000067                            VALUE SPACES.
IMP
 000068                         10 FILLER                    PIC
X(23)
 000069                            VALUE SPACES.
IMP
 000070              *
 000071            01 WS-PROGRAM-LIST-TABLE.
 000072               05 WS-PROGRAM-SUB                 PIC 9.
 000073                  88 WS-PROGRAM-SUB-VALID-88
VALUE 1, 2, 3.
 000074               05 WS-PROGRAM-LIST-CNSTS.
 000075                  10 WS-PROGRAM-1-CNST           PIC
X(8) VALUE 'CMINQF2A'.
 000076                  10 WS-PROGRAM-2-CNST           PIC
X(8) VALUE 'CMMNTF2A'.
 000077                  10 WS-PROGRAM-3-CNST           PIC
X(8) VALUE 'ORDERF2A'.
 000078               05 WS-PROGRAM-NAME REDEFINES
 000079                  WS-PROGRAM-LIST-CNSTS          PIC
X(8) OCCURS 3 TIMES.       74
 000080             *
 000081             COPY ATTR.
 000082C            01  ATTRIBUTE-DEFINITIONS.
 000083C            *
 000084C               05  ATTR-UNPROT                  PIC X
VALUE ' '.
 000085C               05  ATTR-UNPROT-MDT              PIC X
VALUE X'C1'.
 000086C               05  ATTR-UNPROT-BRT              PIC X
```

```
VALUE X'C8'.
  000087C                    05  ATTR-UNPROT-BRT-MDT          PIC X
VALUE X'C9'.
  000088C                    05  ATTR-UNPROT-DARK             PIC X
VALUE X'4C'.
  000089C                    05  ATTR-UNPROT-DARK-MDT         PIC X
VALUE X'4D'.
  000090C                    05  ATTR-UNPROT-NUM              PIC X
VALUE X'50'.
  000091C                    05  ATTR-UNPROT-NUM-MDT          PIC X
VALUE X'D1'.
  000092C                    05  ATTR-UNPROT-NUM-BRT          PIC X
VALUE X'D8'.
  000093C                    05  ATTR-UNPROT-NUM-BRT-MDT      PIC X
VALUE X'D9'.
  000094C                    05  ATTR-UNPROT-NUM-DARK         PIC X
VALUE X'5C'.
  000095C                    05  ATTR-UNPROT-NUM-DARK-MDT     PIC X
VALUE X'5D'.
  000096C                    05  ATTR-PROT                    PIC X
VALUE X'60'.
  000097C                    05  ATTR-PROT-MDT                PIC X
VALUE X'61'.
  000098C                    05  ATTR-PROT-BRT                PIC X
VALUE X'E8'.
  000099C                    05  ATTR-PROT-BRT-MDT            PIC X
VALUE X'E9'.
  000100C                    05  ATTR-PROT-DARK               PIC X
VALUE '%'.
  000101C                    05  ATTR-PROT-DARK-MDT           PIC X
VALUE X'6D'.
  000102C                    05  ATTR-PROT-SKIP               PIC X
VALUE X'F0'.
  000103C                    05  ATTR-PROT-SKIP-MDT           PIC X
VALUE X'F1'.
  000104C                    05  ATTR-PROT-SKIP-BRT           PIC X
VALUE X'F8'.
  000105C                    05  ATTR-PROT-SKIP-BRT-MDT       PIC X
VALUE X'F9'.
```

```
  000106C                      05  ATTR-PROT-SKIP-DARK       PIC X
VALUE X'7C'.
  000107C                      05  ATTR-PROT-SKIP-DARK-MDT   PIC X
VALUE X'7D'.
  000108C                *
  000109C                      05  ATTR-NO-HIGHLIGHT         PIC X
VALUE X'00'.
  000110C                      05  ATTR-BLINK                PIC X
VALUE '1'.
  000111C                      05  ATTR-REVERSE              PIC X
VALUE '2'.
  000112C                      05  ATTR-UNDERSCORE           PIC X
VALUE '4'.
  000113C                *
  000114C                      05  ATTR-DEFAULT-COLOR        PIC X
VALUE X'00'.
PP 5655-EC6 IBM Enterprise COBOL for z/OS  6.3.0 P240628
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   LineID  PL SL  ----+-*A-1-B--+----2----+----3----+----4----
+----5----+----6----+----7-|--+----8 Map and Cross Reference
  000115C                      05  ATTR-BLUE                 PIC X
VALUE '1'.
  000116C                      05  ATTR-RED                  PIC X
VALUE '2'.
  000117C                      05  ATTR-PINK                 PIC X
VALUE '3'.
  000118C                      05  ATTR-GREEN                PIC X
VALUE '4'.
  000119C                      05  ATTR-TURQUOISE            PIC X
VALUE '5'.
  000120C                      05  ATTR-YELLOW               PIC X
VALUE '6'.
  000121C                      05  ATTR-NEUTRAL              PIC X
VALUE '7'.
  000122C                *
  000123                 *
  000124                  COPY DFHAID.
  000125C
****************************************************************
```

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```
  000126C              *
*
  000127C              *
*
  000128C              *
*
  000129C              *      Licensed Materials – Property of IBM
*
  000130C              *
*
  000131C              *      "Restricted Materials of IBM"
*
  000132C              *
*
  000133C              *      5655–YA1
*
  000134C              *
*
  000135C              *      (C) Copyright IBM Corp. 1988, 2022"
*
  000136C              *
*
  000137C              *
*
  000138C              *
*
  000139C              *
*
  000140C              *   STATUS = 7.4.0
*
  000141C              *
*
  000142C              * CHANGE ACTIVITY :
*
  000143C              *
*
  000144C              *   $SEG(DFHAID),COMP(BMS),PROD(CICS TS ):
*
  000145C              *
```

```
 *
   000146C                  *  PN= REASON REL YYMMDD HDXXIII : REMARKS
 *
   000147C                  * $D1= I07991 670 100820 HDIGPG  : Translate
 unprintable char   *
   000148C                  * $L0= Base   210 88     HD1MA   : Base
 *
   000149C                  *    R169962 740 220304 HDPJEM  : Fix
 special chars           *
   000150C                  *
 *
   000151C
 ****************************************************************
   000152C            *
   000153C            *
   000154C             01    DFHAID.
   000155C                02  DFHNULL   PIC  X  VALUE IS X'00'.
   000156C                02  DFHENTER  PIC  X  VALUE IS ''''.
   000157C                02  DFHCLEAR  PIC  X  VALUE IS '_'.
   000158C                02  DFHCLRP   PIC  X  VALUE IS X'6A'.
   000159C            * UPDATED DFHCLRP TO USE CHAR CODE
 @R169962C
   000160C                02  DFHPEN    PIC  X  VALUE IS '='.
   000161C                02  DFHOPID   PIC  X  VALUE IS 'W'.
   000162C                02  DFHMSRE   PIC  X  VALUE IS 'X'.
   000163C                02  DFHSTRF   PIC  X  VALUE IS 'h'.
   000164C                02  DFHTRIG   PIC  X  VALUE IS '"'.
   000165C                02  DFHPA1    PIC  X  VALUE IS '%'.
   000166C                02  DFHPA2    PIC  X  VALUE IS '>'.
   000167C                02  DFHPA3    PIC  X  VALUE IS ','.
   000168C                02  DFHPF1    PIC  X  VALUE IS '1'.
   000169C                02  DFHPF2    PIC  X  VALUE IS '2'.
   000170C                02  DFHPF3    PIC  X  VALUE IS '3'.
   000171C                02  DFHPF4    PIC  X  VALUE IS '4'.
 PP 5655-EC6 IBM Enterprise COBOL for z/OS  6.3.0 P240628
 UUMENF2A  Date 11/22/2024  Time 09:37:50    Page     6
   LineID  PL SL  ----+-*A-1-B--+----2----+----3----+----4----
 +----5----+----6----+----7-|--+----8 Map and Cross Reference
   000172C                02  DFHPF5    PIC  X  VALUE IS '5'.
```

```
    000173C                    02  DFHPF6   PIC  X  VALUE IS '6'.
    000174C                    02  DFHPF7   PIC  X  VALUE IS '7'.
    000175C                    02  DFHPF8   PIC  X  VALUE IS '8'.
    000176C                    02  DFHPF9   PIC  X  VALUE IS '9'.
    000177C                    02  DFHPF10  PIC  X  VALUE IS ':'.
    000178C                    02  DFHPF11  PIC  X  VALUE IS '#'.
    000179C                    02  DFHPF12  PIC  X  VALUE IS '@'.
    000180C                    02  DFHPF13  PIC  X  VALUE IS 'A'.
    000181C                    02  DFHPF14  PIC  X  VALUE IS 'B'.
    000182C                    02  DFHPF15  PIC  X  VALUE IS 'C'.
    000183C                    02  DFHPF16  PIC  X  VALUE IS 'D'.
    000184C                    02  DFHPF17  PIC  X  VALUE IS 'E'.
    000185C                    02  DFHPF18  PIC  X  VALUE IS 'F'.
    000186C                    02  DFHPF19  PIC  X  VALUE IS 'G'.
    000187C                    02  DFHPF20  PIC  X  VALUE IS 'H'.
    000188C                    02  DFHPF21  PIC  X  VALUE IS 'I'.
    000189C                    02  DFHPF22  PIC  X  VALUE IS X'4A'.
    000190C              * UPDATED DFHPF22 TO USE CHAR CODE
@R169962C
    000191C                    02  DFHPF23  PIC  X  VALUE IS '.'.
    000192C                    02  DFHPF24  PIC  X  VALUE IS '<'.
    000193               *
    000194                COPY ERRORSWS.
    000195C              *
    000196C
**************************************************************
    000197C              *
    000198C              * VARIABLES FOR USE WITH GENERAL ERROR MSG
HANDLING (SINGLE LINE)
    000199C              *
    000200C
**************************************************************
    000201C              *
    000202C               01 WS-GM-GENERAL-ERROR-MSG.
    000203C                  05  WS-GM-RESP              PIC
S9(8) COMP.
    000204C                  05  WS-GM-RESP2            PIC
S9(8) COMP.
    000205C                  05  WS-GM-TRNID            PIC
```

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```
X(4).
  000206C                      05  WS-GM-RSRCE                        PIC
X(8).
  000207C                      05  WS-GM-MSG                          PIC
X(68).
  000208C              *
  000209C
**************************************************************
  000210C              *
  000211C              * VARIABLES FOR USE WITH ERROR MSG HANDLING
(EIGHT LINES)
  000212C              *
  000213C
**************************************************************
  000214C              *
  000215C               01 WS-EM-ERROR-MESSAGE.
  000216C                   05 WS-EM-ERROR-LINE-1.
  000217C              *            ----+----1----+----2----
+----3----+----4
  000218C                       10 FILLER                    PIC
X(40)
  000219C                           VALUE 'ERROR:Review details and
correct problem'.
  000220C                       10 FILLER                    PIC
X(39)
  000221C                           VALUE ' in program or in the
resource used.   '.
  000222C              *            ----+----1----+----2----
+----3----+----
  000223C                   05 WS-EM-ERROR-LINE-2           PIC
X(79) VALUE SPACE.         IMP
  000224C                   05 WS-EM-ERROR-LINE-3.
  000225C                       10 FILLER                    PIC
X(11)
  000226C                           VALUE 'EIBRESP  = '.
  000227C                       10 WS-EM-RESP                PIC
Z(08)9.
  000228C                       10 FILLER                    PIC
X(59) VALUE SPACE.         IMP
```

```
PP 5655-EC6 IBM Enterprise COBOL for z/OS  6.3.0 P240628
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  LineID  PL SL  ----+-*A-1-B--+----2----+----3----+----4----
+----5----+----6----+----7-|--+----8 Map and Cross Reference
  000229C                     05 WS-EM-ERROR-LINE-4.
  000230C                        10 FILLER                  PIC
X(11)
  000231C                           VALUE 'EIBRESP2 = '.
  000232C                        10 WS-EM-RESP2             PIC
Z(08)9.
  000233C                        10 FILLER                  PIC
X(59) VALUE SPACE.         IMP
  000234C                     05 WS-EM-ERROR-LINE-5.
  000235C                        10 FILLER                  PIC
X(11)
  000236C                           VALUE 'EIBTRNID = '.
  000237C                        10 WS-EM-TRNID             PIC
X(04).
  000238C                        10 FILLER                  PIC
X(64) VALUE SPACE.         IMP
  000239C                     05 WS-EM-ERROR-LINE-6.
  000240C                        10 FILLER                  PIC
X(11)
  000241C                           VALUE 'EIBRSRCE = '.
  000242C                        10 WS-EM-RSRCE             PIC
X(08).
  000243C                        10 FILLER                  PIC
X(60) VALUE SPACE.         IMP
  000244C                     05 WS-EM-ERROR-LINE-7.
  000245C                        10 FILLER                  PIC
X(11)
  000246C                           VALUE 'MESSAGE  = '.
  000247C                        10 WS-EM-MSG               PIC
X(68).
  000248C                     05 WS-EM-ERROR-LINE-8         PIC
X(79) VALUE SPACE.         IMP
  000249C              *
  000250C
  ****************************************************************
```

```
   000251C                    *
   000252C                    * VARIABLES FOR USE WITH HANDLE ABEND LOGIC
   000253C                    *
   000254C

*****************************************************************
   000255C                    *
   000256C                     01 WS-HA-HANDLE-ABEND-MSG.
   000257C                        05 WS-HA-MSG-T1                PIC
X(79) VALUE SPACES.          IMP
   000258C                        05 WS-HA-MSG-T2                PIC
X(79) VALUE SPACES.          IMP
   000259C                        05 WS-HA-MSG-T3                PIC
X(79) VALUE SPACES.          IMP
   000260C                        05 WS-HA-MSG-T4                PIC
X(79) VALUE SPACES.          IMP
   000261C                        05 WS-HA-MSG-T5                PIC
X(79) VALUE SPACES.          IMP
   000262C                        05 WS-HA-MSG-T6                PIC
X(79) VALUE SPACES.          IMP
   000263C                        05 WS-HA-MSG-T7                PIC
X(79) VALUE SPACES.          IMP
   000264C                        05 WS-HA-MSG-T8                PIC
X(79) VALUE SPACES.          IMP
   000265C                    *
   000266C                     01 WS-HANDLE-ABEND-MSGS.
   000267C                        05 WS-HA-UNEXPECTED-ABEND      PIC
X(20)
   000268C                           VALUE 'ABEND UNEXPECTED    '.
   000269C                    *         ----+----0----+----1
   000270C                        05 WS-HA-UNHANDLED-ABEND       PIC
X(20)
   000271C                           VALUE 'ABEND UNHANDLED     '.
   000272C                    *         ----+----0----+----1
   000273C                     01 WS-HA-EXEC-TEXT.
   000274C                        05 WS-HA-EXEC-TEXT-T1          PIC
X(79) VALUE SPACES.          IMP
   000275C                        05 WS-HA-EXEC-TEXT-T2          PIC
X(79) VALUE SPACES.          IMP
   000276C                        05 WS-HA-EXEC-TEXT-T3          PIC
```

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```
X(79) VALUE SPACES.            IMP
  000277C                      05 WS-HA-EXEC-TEXT-T4           PIC
X(79) VALUE SPACES.            IMP
  000278C                      05 WS-HA-EXEC-TEXT-T5           PIC
X(79) VALUE SPACES.            IMP
  000279C                      05 WS-HA-EXEC-TEXT-T6           PIC
X(79) VALUE SPACES.            IMP
  000280C                      05 WS-HA-EXEC-TEXT-T7           PIC
X(79) VALUE SPACES.            IMP
  000281C                      05 WS-HA-EXEC-TEXT-T8           PIC
X(79) VALUE SPACES.            IMP
  000282C                 *
  000283C               01 WS-HA-ERR-MSG-NBRS.
  000284C                      05 WS-HA-ERR-MSG-FILENOTFOUND   PIC
9(3)  VALUE 12.
  000285C                      05 WS-HA-ERR-MSG-PGMIDERR       PIC
9(3)  VALUE 27.
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  000286C                      05 WS-HA-ERR-MSG-TRANSIDERR     PIC
9(3)  VALUE 28.
  000287C                      05 WS-HA-ERR-MSG-MAPFAIL        PIC
9(3)  VALUE 36.
  000288C                 *
  000289C
****************************************************************
  000290C                 *
  000291C                 * VARIABLES FOR USE WITH RESPONSE TEXT TABLE
LOOKUP LOGIC
  000292C                 * WRITTEN BY - GREGORY OAKES - 2021-APR-15
  000293C                 *
  000294C
****************************************************************
  000295C                 * TRANSLATE EXEC CICS COMMANDS FROM NUMERIC
VALUES TO X(15) TEXT
  000296C                 * IN CICS PROGRAMS AND DISPLAY ERROR MESSAGE
TO DECODE CODE ISSUES
```

```
   000297C               * OR HELP DEBUG ABEND ISSUES.
   000298C               *
   000299C
*****************************************************************
   000300C               *
123456789012345
   000301C                 01 WS-RT-MSG-TABLE-DATA.
   000302C                    05 WS-RT-001-ERROR        PIC X(15)
VALUE "ERROR          ".
   000303C                    05 WS-RT-002-RDATT        PIC X(15)
VALUE "RDATT          ".
   000304C                    05 WS-RT-003-WRBRK        PIC X(15)
VALUE "WRBRK          ".
   000305C                    05 WS-RT-004-EOF          PIC X(15)
VALUE "EOF            ".
   000306C                    05 WS-RT-005-EODS         PIC X(15)
VALUE "EODS           ".
   000307C                    05 WS-RT-006-EOC          PIC X(15)
VALUE "EOC            ".
   000308C                    05 WS-RT-007-INBFMH       PIC X(15)
VALUE "INBFMH         ".
   000309C                    05 WS-RT-008-ENDINPT      PIC X(15)
VALUE "ENDINPT        ".
   000310C                    05 WS-RT-009-NONVAL       PIC X(15)
VALUE "NONVAL         ".
   000311C                    05 WS-RT-010-NOSTART      PIC X(15)
VALUE "NOSTART        ".
   000312C                    05 WS-RT-011-TERMIDERR    PIC X(15)
VALUE "TERMIDERR      ".
   000313C                    05 WS-RT-012-FILENOTFOUND PIC X(15)
VALUE "FILENOTFOUND   ".
   000314C                    05 WS-RT-013-NOTFND       PIC X(15)
VALUE "NOTFND         ".
   000315C                    05 WS-RT-014-DUPREC       PIC X(15)
VALUE "DUPREC         ".
   000316C                    05 WS-RT-015-DUPKEY       PIC X(15)
VALUE "DUPKEY         ".
   000317C                    05 WS-RT-016-INVREQ       PIC X(15)
VALUE "INVREQ         ".
```

```
   000318C                        05 WS-RT-017-IOERR       PIC X(15)
VALUE "IOERR          ".
   000319C                        05 WS-RT-018-NOSPACE     PIC X(15)
VALUE "NOSPACE        ".
   000320C                        05 WS-RT-019-NOTOPEN     PIC X(15)
VALUE "NOTOPEN        ".
   000321C                        05 WS-RT-020-ENDFILE     PIC X(15)
VALUE "ENDFILE        ".
   000322C                        05 WS-RT-021-ILLOGIC     PIC X(15)
VALUE "ILLOGIC        ".
   000323C                        05 WS-RT-022-LENGERR     PIC X(15)
VALUE "LENGERR        ".
   000324C                        05 WS-RT-023-QZERO       PIC X(15)
VALUE "QZERO          ".
   000325C                        05 WS-RT-024-SIGNAL      PIC X(15)
VALUE "SIGNAL         ".
   000326C                        05 WS-RT-025-QBUSY       PIC X(15)
VALUE "QBUSY          ".
   000327C                        05 WS-RT-026-ITEMERR     PIC X(15)
VALUE "ITEMERR        ".
   000328C                        05 WS-RT-027-PGMIDERR    PIC X(15)
VALUE "PGMIDERR       ".
   000329C                        05 WS-RT-028-TRANSIDERR  PIC X(15)
VALUE "TRANSIDERR     ".
   000330C                        05 WS-RT-029-ENDDATA     PIC X(15)
VALUE "ENDDATA        ".
   000331C                        05 WS-RT-030-INVTSREQ    PIC X(15)
VALUE "INVTSREQ       ".
   000332C                        05 WS-RT-031-EXPIRED     PIC X(15)
VALUE "EXPIRED        ".
   000333C                        05 WS-RT-032-RETPAGE     PIC X(15)
VALUE "RETPAGE        ".
   000334C                        05 WS-RT-033-RTEFAIL     PIC X(15)
VALUE "RTEFAIL        ".
   000335C                        05 WS-RT-034-RTESOME     PIC X(15)
VALUE "RTESOME        ".
   000336C                        05 WS-RT-035-TSIOERR     PIC X(15)
VALUE "TSIOERR        ".
   000337C                        05 WS-RT-036-MAPFAIL     PIC X(15)
```

```
VALUE "MAPFAIL         ".
  000338C                      05 WS-RT-037-INVERRTERM   PIC X(15)
VALUE "INVERRTERM      ".
  000339C                      05 WS-RT-038-INVMPSZ      PIC X(15)
VALUE "INVMPSZ         ".
  000340C                      05 WS-RT-039-IGREQID      PIC X(15)
VALUE "IGREQID         ".
  000341C                      05 WS-RT-040-OVERFLOW     PIC X(15)
VALUE "OVERFLOW        ".
  000342C                      05 WS-RT-041-INVLDC       PIC X(15)
VALUE "INVLDC          ".
```

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```
  000343C                      05 WS-RT-042-NOSTG        PIC X(15)
VALUE "NOSTG           ".
  000344C                      05 WS-RT-043-JIDERR       PIC X(15)
VALUE "JIDERR          ".
  000345C                      05 WS-RT-044-QIDERR       PIC X(15)
VALUE "QIDERR          ".
  000346C                      05 WS-RT-045-NOJBUFSP     PIC X(15)
VALUE "NOJBUFSP        ".
  000347C                      05 WS-RT-046-DSSTAT       PIC X(15)
VALUE "DSSTAT          ".
  000348C                      05 WS-RT-047-SELNERR      PIC X(15)
VALUE "SELNERR         ".
  000349C                      05 WS-RT-048-FUNCERR      PIC X(15)
VALUE "FUNCERR         ".
  000350C                      05 WS-RT-049-UNEXPIN      PIC X(15)
VALUE "UNEXPIN         ".
  000351C                      05 WS-RT-050-NOPASSBKRD   PIC X(15)
VALUE "NOPASSBKRD      ".
  000352C                      05 WS-RT-051-NOPASSBKWR   PIC X(15)
VALUE "NOPASSBKWR      ".
  000353C                      05 WS-RT-052-SEGIDERR     PIC X(15)
VALUE "SEGIDERR        ".
  000354C                      05 WS-RT-053-SYSIDERR     PIC X(15)
VALUE "SYSIDERR        ".
```

```
   000355C                      05 WS-RT-054-ISCINVREQ    PIC X(15)
VALUE "ISCINVREQ      ".
   000356C                      05 WS-RT-055-ENQBUSY      PIC X(15)
VALUE "ENQBUSY        ".
   000357C                      05 WS-RT-056-ENVDEFERR    PIC X(15)
VALUE "ENVDEFERR      ".
   000358C                      05 WS-RT-057-IGREQCD      PIC X(15)
VALUE "IGREQCD        ".
   000359C                      05 WS-RT-058-SESSIONERR   PIC X(15)
VALUE "SESSIONERR     ".
   000360C                      05 WS-RT-059-SYSBUSY      PIC X(15)
VALUE "SYSBUSY        ".
   000361C                      05 WS-RT-060-SESSBUSY     PIC X(15)
VALUE "SESSBUSY       ".
   000362C                      05 WS-RT-061-NOTALLOC     PIC X(15)
VALUE "NOTALLOC       ".
   000363C                      05 WS-RT-062-CBIDERR      PIC X(15)
VALUE "CBIDERR        ".
   000364C                      05 WS-RT-063-INVEXITREQ   PIC X(15)
VALUE "INVEXITREQ     ".
   000365C                      05 WS-RT-064-INVPARTNSET  PIC X(15)
VALUE "INVPARTNSET    ".
   000366C                      05 WS-RT-065-INVPARTN     PIC X(15)
VALUE "INVPARTN       ".
   000367C                      05 WS-RT-066-PARTNFAIL    PIC X(15)
VALUE "PARTNFAIL      ".
   000368C                      05 WS-RT-067-NOTUSED      PIC X(15)
VALUE "NOTUSED        ".
   000369C                      05 WS-RT-068-NOTUSED      PIC X(15)
VALUE "NOTUSED        ".
   000370C                      05 WS-RT-069-USERIDERR    PIC X(15)
VALUE "USERIDERR      ".
   000371C                      05 WS-RT-070-NOTAUTH      PIC X(15)
VALUE "NOTAUTH        ".
   000372C                      05 WS-RT-071-VOLIDERR     PIC X(15)
VALUE "VOLIDERR       ".
   000373C                      05 WS-RT-072-SUPPRESSED   PIC X(15)
VALUE "SUPPRESSED     ".
   000374C                      05 WS-RT-073-NOTUSED      PIC X(15)
```

```
VALUE "NOTUSED         ".
  000375C                    05 WS-RT-074-NOTUSED      PIC X(15)
VALUE "NOTUSED         ".
  000376C                    05 WS-RT-075-RESIDERR     PIC X(15)
VALUE "RESIDERR        ".
  000377C                    05 WS-RT-076-NOTUSED      PIC X(15)
VALUE "NOTUSED         ".
  000378C                    05 WS-RT-077-NOTUSED      PIC X(15)
VALUE "NOTUSED         ".
  000379C                    05 WS-RT-078-NOTUSED      PIC X(15)
VALUE "NOTUSED         ".
  000380C                    05 WS-RT-079-NOTUSED      PIC X(15)
VALUE "NOTUSED         ".
  000381C                    05 WS-RT-080-NOSPOOL      PIC X(15)
VALUE "NOSPOOL         ".
  000382C                    05 WS-RT-081-TERMERR      PIC X(15)
VALUE "TERMERR         ".
  000383C                    05 WS-RT-082-ROLLEDBACK   PIC X(15)
VALUE "ROLLEDBACK      ".
  000384C                    05 WS-RT-083-END          PIC X(15)
VALUE "END             ".
  000385C                    05 WS-RT-084-DISABLED     PIC X(15)
VALUE "DISABLED        ".
  000386C                    05 WS-RT-085-ALLOCERR     PIC X(15)
VALUE "ALLOCERR        ".
  000387C                    05 WS-RT-086-STRELERR     PIC X(15)
VALUE "STRELERR        ".
  000388C                    05 WS-RT-087-OPENERR      PIC X(15)
VALUE "OPENERR         ".
  000389C                    05 WS-RT-088-SPOLBUSY     PIC X(15)
VALUE "SPOLBUSY        ".
  000390C                    05 WS-RT-089-SPOLERR      PIC X(15)
VALUE "SPOLERR         ".
  000391C                    05 WS-RT-090-NODEIDERR    PIC X(15)
VALUE "NODEIDERR       ".
  000392C                    05 WS-RT-091-TASKIDERR    PIC X(15)
VALUE "TASKIDERR       ".
  000393C                    05 WS-RT-092-TCIDERR      PIC X(15)
VALUE "TCIDERR         ".
```

```
   000394C                        05 WS-RT-093-DSNNOTFOUND  PIC X(15)
VALUE "DSNNOTFOUND     ".
   000395C                        05 WS-RT-094-LOADING      PIC X(15)
VALUE "LOADING         ".
   000396C                        05 WS-RT-095-MODELIDERR   PIC X(15)
VALUE "MODELIDERR      ".
   000397C                        05 WS-RT-096-OUTDESCRERR  PIC X(15)
VALUE "OUTDESCRERR     ".
   000398C                        05 WS-RT-097-PARTNERIDERR PIC X(15)
VALUE "PARTNERIDERR    ".
   000399C                        05 WS-RT-098-PROFILEIDERR PIC X(15)
VALUE "PROFILEIDERR    ".
```
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```
   000400C                        05 WS-RT-099-NETNAMEIDERR PIC X(15)
VALUE "NETNAMEIDERR    ".
   000401C                        05 WS-RT-100-LOCKED       PIC X(15)
VALUE "LOCKED          ".
   000402C                        05 WS-RT-101-RECORDBUSY   PIC X(15)
VALUE "RECORDBUSY      ".
   000403C                        05 WS-RT-102-UOWNOTFOUND  PIC X(15)
VALUE "UOWNOTFOUND     ".
   000404C                        05 WS-RT-103-UOWLNOTFOUND PIC X(15)
VALUE "UOWLNOTFOUND    ".
   000405C                        05 WS-RT-104-LINKABEND    PIC X(15)
VALUE "LINKABEND       ".
   000406C                        05 WS-RT-105-CHANGED      PIC X(15)
VALUE "CHANGED         ".
   000407C                        05 WS-RT-106-PROCESSBUSY  PIC X(15)
VALUE "PROCESSBUSY     ".
   000408C                        05 WS-RT-107-ACTIVITYBUSY PIC X(15)
VALUE "ACTIVITYBUSY    ".
   000409C                        05 WS-RT-108-PROCESSERR   PIC X(15)
VALUE "PROCESSERR      ".
   000410C                        05 WS-RT-109-ACTIVITYERR  PIC X(15)
VALUE "ACTIVITYERR     ".
   000411C                        05 WS-RT-110-CONTAINERERR PIC X(15)
```

```
        VALUE "CONTAINERERR   ".
          000412C                    05 WS-RT-111-EVENTERR     PIC X(15)
        VALUE "EVENTERR       ".
          000413C                    05 WS-RT-112-TOKENERR     PIC X(15)
        VALUE "TOKENERR       ".
          000414C                    05 WS-RT-113-NOTFINISHED  PIC X(15)
        VALUE "NOTFINISHED    ".
          000415C                    05 WS-RT-114-POOLERR      PIC X(15)
        VALUE "POOLERR        ".
          000416C                    05 WS-RT-115-TIMERERR     PIC X(15)
        VALUE "TIMERERR       ".
          000417C                    05 WS-RT-116-SYMBOLERR    PIC X(15)
        VALUE "SYMBOLERR      ".
          000418C                    05 WS-RT-117-TEMPLATERR   PIC X(15)
        VALUE "TEMPLATERR     ".
          000419C                    05 WS-RT-118-NOTSUPERUSER PIC X(15)
        VALUE "NOTSUPERUSER   ".
          000420C                    05 WS-RT-119-CSDERR       PIC X(15)
        VALUE "CSDERR         ".
          000421C                    05 WS-RT-120-DUPRES       PIC X(15)
        VALUE "DUPRES         ".
          000422C                    05 WS-RT-121-RESUNAVAIL   PIC X(15)
        VALUE "RESUNAVAIL     ".
          000423C                    05 WS-RT-122-CHANNELERR   PIC X(15)
        VALUE "CHANNELERR     ".
          000424C                    05 WS-RT-123-CCSIDERR     PIC X(15)
        VALUE "CCSIDERR       ".
          000425C                    05 WS-RT-124-TIMEDOUT     PIC X(15)
        VALUE "TIMEDOUT       ".
          000426C                    05 WS-RT-125-CODEPAGEERR  PIC X(15)
        VALUE "CODEPAGEERR    ".
          000427C                    05 WS-RT-126-INCOMPLETE   PIC X(15)
        VALUE "INCOMPLETE     ".
          000428C                    05 WS-RT-127-APPNOTFOUND  PIC X(15)
        VALUE "APPNOTFOUND    ".
          000429C                 *
123456789012345
          000430C                 *
          000431C                 01 WS-RT-MSG-TABLE-DATA-R REDEFINES WS-RT-
```

```
MSG-TABLE-DATA.                   301
  000432C                    05 WS-RT-MSG-NBR-TEXT     PIC X(15)
OCCURS 127 TIMES.
  000433C                *
  000434C               01 WS-RT-RESP-NBR            PIC S9(8)
VALUE 0.
  000435C                    88 WS-RT-RESP-NBR-VALID-88 VALUE 1 THRU
127.
  000436C                *
  000437C               01 WS-RT-RESP-NBR-INVALID-MSG PIC X(15)
VALUE "INVALIDNBR".
  000438C                *
  000439C               01 WS-RT-MSG.
  000440C                    05 WS-RT-MSG-HDR         PIC X(15)
VALUE SPACES.              IMP
  000441C                    05 WS-RT-MSG-RESP-NBR    PIC S9(8)
VALUE 0.
  000442C                    05 WS-RT-MSG-T1          PIC X(15)
VALUE SPACES.              IMP
  000443C                    05 WS-RT-MSG-T2          PIC X(30)
VALUE SPACES.              IMP
  000444C                *
  000445C               01 WS-RT-MSG-HEADER          PIC X(30)
VALUE SPACES.              IMP
  000446C                *
  000447C               01 WS-RT-MSG-NORMAL          PIC X(30)
VALUE SPACES.              IMP
  000448C                *
  000449C               01 WS-RT-MSG-OTHER           PIC X(30)
VALUE SPACES.              IMP
  000450C                *
  000451C

******************************************************************
  000452C                *
  000453                 *
  000454               COPY MENSF2A.
  000455C               01  MENMF2AI.
  000456C                    02  FILLER PIC X(12).
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  000457C   02 TRANIDL   COMP PIC S9(4).
  000458C   02 TRANIDF   PICTURE X.
  000459C   02 FILLER REDEFINES TRANIDF.
458
  000460C   03 TRANIDA   PICTURE X.
  000461C   02 FILLER   PICTURE X(2).
  000462C   02 TRANIDI PIC X(4).
  000463C   02 ACTIONL   COMP PIC S9(4).
  000464C   02 ACTIONF   PICTURE X.
  000465C   02 FILLER REDEFINES ACTIONF.
464
  000466C   03 ACTIONA   PICTURE X.
  000467C   02 FILLER   PICTURE X(2).
  000468C   02 ACTIONI PIC X(1).
  000469C   02 MESSAGEL   COMP PIC S9(4).
  000470C   02 MESSAGEF   PICTURE X.
  000471C   02 FILLER REDEFINES MESSAGEF.
470
  000472C   03 MESSAGEA   PICTURE X.
  000473C   02 FILLER   PICTURE X(2).
  000474C   02 MESSAGEI PIC X(79).
  000475C   02 DUMMYL   COMP PIC S9(4).
  000476C   02 DUMMYF   PICTURE X.
  000477C   02 FILLER REDEFINES DUMMYF.
476
  000478C   03 DUMMYA   PICTURE X.
  000479C   02 FILLER   PICTURE X(2).
  000480C   02 DUMMYI PIC X(1).
  000481C   01 MENMF2AO REDEFINES MENMF2AI.
455
  000482C   02 FILLER PIC X(12).
  000483C   02 FILLER PICTURE X(3).
  000484C   02 TRANIDC   PICTURE X.
  000485C   02 TRANIDH   PICTURE X.
  000486C   02 TRANIDO PIC X(4).
  000487C   02 FILLER PICTURE X(3).

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```
   000488C                    02  ACTIONC    PICTURE X.
   000489C                    02  ACTIONH    PICTURE X.
   000490C                    02  ACTIONO  PIC X(1).
   000491C                    02  FILLER PICTURE X(3).
   000492C                    02  MESSAGEC    PICTURE X.
   000493C                    02  MESSAGEH    PICTURE X.
   000494C                    02  MESSAGEO  PIC X(79).
   000495C                    02  FILLER PICTURE X(3).
   000496C                    02  DUMMYC    PICTURE X.
   000497C                    02  DUMMYH    PICTURE X.
   000498C                    02  DUMMYO  PIC X(1).
   000499              *
   000500               LINKAGE SECTION.
   000501              *
   000502               01 DFHCOMMAREA                 PIC X.
   000503              *
   000504               PROCEDURE DIVISION.
502
   000505              *
   000506               0000-PROCESS-MASTER-MENU.
   000507              *
   000508                  MOVE SPACES                    TO WS-
HA-EXEC-TEXT.             IMP 273
   000509                  MOVE ALL '*'                   TO WS-
HA-EXEC-TEXT-T1.          274
   000510                  MOVE WS-HA-UNEXPECTED-ABEND    TO WS-
HA-EXEC-TEXT-T2.          267 275
   000511                  MOVE ALL '*'                   TO WS-
HA-EXEC-TEXT-T8.          281
   000512                  *
   000513                  EXEC CICS
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   000514                    HANDLE ABEND LABEL(9900-HANDLE-
ABEND)
   000515                  END-EXEC.
EXT IMP
```

```
  000516                        *
  000517                              EVALUATE TRUE
  000518                        *
  000519                                  WHEN EIBCALEN = ZERO
IMP IMP
  000520        1                             MOVE LOW-VALUE              TO
MENMF2AO                          IMP 481
  000521        1                             MOVE WS-MEN-TRANSID-CNST TO
TRANIDO                           25 486
  000522        1                             SET  WS-SEND-ERASE-88    TO
TRUE                              36
  000523        1                             PERFORM 1400-SEND-MENU-MAP
678
  000524                        *
  000525                                  WHEN EIBAID = DFHCLEAR
IMP 157
  000526        1                             MOVE LOW-VALUE              TO
MENMF2AO                          IMP 481
  000527        1                             MOVE WS-MEN-TRANSID-CNST TO
TRANIDO                           25 486
  000528        1                             SET  WS-SEND-ERASE-88    TO
TRUE                              36
  000529        1                             PERFORM 1400-SEND-MENU-MAP
678
  000530                        *
  000531                                  WHEN EIBAID = DFHPA1 OR DFHPA2 OR
DFHPA3                            IMP 165 166 167
  000532        1                             CONTINUE
  000533                        *
  000534                                  WHEN EIBAID = DFHPF3 OR DFHPF12
IMP 170 179
  000535        1                             PERFORM 9800-SEND-TERMINATION-
MESSAGE                           834
  000536        1                             EXEC CICS
  000537        1                                 RETURN
  000538        1                             END-EXEC
EXT
  000539                        *
  000540                                  WHEN EIBAID = DFHENTER
```

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```
IMP 156
  000541     1                    PERFORM 1000-PROCESS-MENU-MAP
604
  000542                 *
  000543                       WHEN OTHER
  000544     1                    MOVE WS-KEY-INVALID      TO
MESSAGEO
                                  49 494
  000545     1                    SET WS-SEND-DATAONLY-ALARM-88
38
  000546     1                       TO TRUE
  000547     1                    PERFORM 1400-SEND-MENU-MAP
678
  000548                 *
  000549                    END-EVALUATE.
  000550                 *
  000551                    MOVE SPACES                     TO WS-
HA-EXEC-TEXT.              IMP 273
  000552                    MOVE ALL '='                    TO WS-
HA-EXEC-TEXT-T1.           274
  000553                    MOVE 'ABEND'                    TO WS-
HA-EXEC-TEXT-T2.           275
  000554                    MOVE 'EXEC CICS'                TO WS-
HA-EXEC-TEXT-T3.           276
  000555                    MOVE 'INQUIRE TRANSACTION'      TO WS-
HA-EXEC-TEXT-T4.           277
  000556                    MOVE WS-MEN-TRANSID-CNST        TO WS-
HA-EXEC-TEXT-T5.           25 278
  000557                    MOVE SPACES                     TO WS-
HA-EXEC-TEXT-T6.           IMP 279
  000558                    MOVE WS-RT-MSG-NBR-TEXT(WS-HA-ERR-MSG-
TRANSIDERR)                432 286
  000559                     TO WS-HA-EXEC-TEXT-T7.
280
  000560                    MOVE ALL '='                    TO WS-
HA-EXEC-TEXT-T8.           281
  000561                 *
  000562                    EXEC CICS
  000563                       INQUIRE TRANSACTION(WS-MEN-TRANSID-
CNST)
```

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```
   000564                                RESP        (WS-RESPONSE-
CODE)
   000565                                RESP2       (WS-RESPONSE-
CODE2)
   000566                     END-EXEC.
EXT 42
   000567                 *
   000568                     IF WS-RESPONSE-CODE = DFHRESP(NORMAL)
41
   000569      1              CONTINUE
   000570                     ELSE
```

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```
   000571      1                  MOVE 'INQUIRE TRANSACTION'  TO WS-
RT-MSG-HEADER                445
   000572      1                  MOVE 'ERROR              '  TO WS-
RT-MSG-NORMAL                447
   000573      1                  MOVE WS-MEN-TRANSID-CNST    TO WS-
RT-MSG-OTHER                 25 449
   000574      1                  PERFORM 9700-RESPTEXT
792
   000575                     END-IF.
   000576                 *
   000577                     MOVE SPACES                     TO WS-
HA-EXEC-TEXT.                IMP 273
   000578                     MOVE ALL '='                    TO WS-
HA-EXEC-TEXT-T1.             274
   000579                     MOVE 'ABEND'                    TO WS-
HA-EXEC-TEXT-T2.             275
   000580                     MOVE 'EXEC CICS'                TO WS-
HA-EXEC-TEXT-T3.             276
   000581                     MOVE 'RETURN TRANSID'           TO WS-
HA-EXEC-TEXT-T4.             277
   000582                     MOVE WS-MEN-TRANSID-CNST        TO WS-
HA-EXEC-TEXT-T5.             25 278
   000583                     MOVE SPACES                     TO WS-
HA-EXEC-TEXT-T6.             IMP 279
```

```
  000584                     MOVE WS-RT-MSG-NBR-TEXT(WS-HA-ERR-MSG-
TRANSIDERR)                     432 286
  000585                       TO WS-HA-EXEC-TEXT-T7.
280
  000586                     MOVE ALL '='                    TO WS-
HA-EXEC-TEXT-T8.               281
  000587               *
  000588                     EXEC CICS
  000589                        RETURN TRANSID (WS-MEN-TRANSID-
CNST)
  000590                               COMMAREA(WS-COMMUNICATION-
AREA)
  000591                               RESP    (WS-RESPONSE-CODE)
  000592                               RESP2   (WS-RESPONSE-CODE2)
  000593                     END-EXEC.
EXT 42
  000594               *
  000595                     IF WS-RESPONSE-CODE = DFHRESP(NORMAL)
41
  000596       1               CONTINUE
  000597                     ELSE
  000598       1               MOVE 'RETURN TRANSID'      TO WS-
RT-MSG-HEADER                    445
  000599       1               MOVE 'ERROR           '      TO WS-
RT-MSG-NORMAL                    447
  000600       1               MOVE WS-MEN-TRANSID-CNST     TO WS-
RT-MSG-OTHER                     25 449
  000601       1               PERFORM 9700-RESPTEXT
792
  000602                     END-IF.
  000603               *
  000604                1000-PROCESS-MENU-MAP.
  000605               *
  000606                     PERFORM 1100-RECEIVE-MENU-MAP.
615
  000607                     MOVE ACTIONI                    TO WS-
PROGRAM-SUB.                     468 72
  000608                     PERFORM 1200-EDIT-MENU-DATA.
646
```

```
  000609                    IF WS-VALID-DATA-88
34
  000610     1                  PERFORM 1300-BRANCH-TO-PROGRAM
654
  000611                    END-IF.
  000612                    SET WS-SEND-DATAONLY-ALARM-88    TO
TRUE.                        38
  000613                    PERFORM 1400-SEND-MENU-MAP.
678
  000614               *
  000615               1100-RECEIVE-MENU-MAP.
  000616               *
  000617                    MOVE SPACES                        TO WS-
HA-EXEC-TEXT.              IMP 273
  000618                    MOVE ALL '='                       TO WS-
HA-EXEC-TEXT-T1.           274
  000619                    MOVE 'ABEND'                       TO WS-
HA-EXEC-TEXT-T2.           275
  000620                    MOVE 'EXEC CICS'                   TO WS-
HA-EXEC-TEXT-T3.           276
  000621                    MOVE 'RECEIVE MAP - MAPSET/MAP'  TO WS-
HA-EXEC-TEXT-T4.           277
  000622                    MOVE WS-MEN-MAPSET-CNST            TO WS-
HA-EXEC-TEXT-T5.           26 278
  000623                    MOVE WS-MEN-MAP-CNST               TO WS-
HA-EXEC-TEXT-T6.           27 279
  000624                    MOVE WS-RT-MSG-NBR-TEXT(WS-HA-ERR-MSG-
MAPFAIL)                   432 287
  000625                     TO WS-HA-EXEC-TEXT-T7.
280
  000626                    MOVE ALL '='                       TO WS-
HA-EXEC-TEXT-T8.           281
  000627               *
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  000628                    EXEC CICS
  000629                     RECEIVE MAP   (WS-MEN-MAP-CNST)
```

```
  000630                              MAPSET(WS-MEN-MAPSET-CNST)
  000631                              INTO  (MENMF2AI)
  000632                              RESP  (WS-RESPONSE-CODE)
  000633                              RESP2 (WS-RESPONSE-CODE2)
  000634                  END-EXEC.
EXT 42
  000635              *
  000636                  IF WS-RESPONSE-CODE = DFHRESP(NORMAL)
41
  000637      1             CONTINUE
  000638                  ELSE
  000639      1             MOVE 'RECEIVE MAP - MAPSET/MAP'
  000640      1               TO WS-RT-MSG-HEADER
445
  000641      1             MOVE WS-MEN-MAPSET-CNST      TO WS-
RT-MSG-NORMAL            26 447
  000642      1             MOVE WS-MEN-MAP-CNST         TO WS-
RT-MSG-OTHER             27 449
  000643      1             PERFORM 9700-RESPTEXT
792
  000644                  END-IF.
  000645              *
  000646               1200-EDIT-MENU-DATA.
  000647              *
  000648                  IF NOT WS-PROGRAM-SUB-VALID-88
73
  000649      1             MOVE ATTR-REVERSE           TO
ACTIONH                  111 489
  000650      1             MOVE WS-ENTER-VALID-ACTION  TO
MESSAGEO                 55 494
  000651      1             MOVE WS-FALSE-CNST          TO WS-
VALID-DATA-FLAG          18 33
  000652                  END-IF.
  000653              *
  000654               1300-BRANCH-TO-PROGRAM.
  000655              *
  000656                  MOVE SPACES                   TO WS-
HA-EXEC-TEXT.            IMP 273
  000657                  MOVE ALL '='                  TO WS-
```

```
HA-EXEC-TEXT-T1.                    274
  000658                    MOVE 'ABEND'                      TO WS-
HA-EXEC-TEXT-T2.                    275
  000659                    MOVE 'EXEC CICS'                  TO WS-
HA-EXEC-TEXT-T3.                    276
  000660                    MOVE 'XCTL PROGRAM - NBR/NAME'   TO WS-
HA-EXEC-TEXT-T4.                    277
  000661                    MOVE WS-PROGRAM-SUB               TO WS-
HA-EXEC-TEXT-T5.                    72 278
  000662                    MOVE WS-PROGRAM-NAME(WS-PROGRAM-SUB)
78 72
  000663                       TO WS-HA-EXEC-TEXT-T6.
279
  000664                    MOVE WS-RT-MSG-NBR-TEXT(WS-HA-ERR-MSG-
PGMIDERR)                     432 285
  000665                       TO WS-HA-EXEC-TEXT-T7.
280
  000666                    MOVE ALL '='                      TO WS-
HA-EXEC-TEXT-T8.                    281
  000667                *
  000668                    EXEC CICS
  000669                        XCTL PROGRAM(WS-PROGRAM-NAME(WS-
PROGRAM-SUB))
  000670                            RESP  (WS-RESPONSE-CODE)
  000671                            RESP2 (WS-RESPONSE-CODE2)
  000672                    END-EXEC.
EXT 42
  000673                *
  000674                    MOVE WS-PROGRAM-NAME(WS-PROGRAM-SUB)
78 72
  000675                       TO WS-PROGRAM-NAME-NOT-AVAIL.
66
  000676                    MOVE WS-PROGRAM-NOT-AVAILABLE    TO
MESSAGEO.                    61 494
  000677                *
  000678                 1400-SEND-MENU-MAP.
  000679                *
  000680                    MOVE WS-MEN-TRANSID-CNST         TO
TRANIDO.                     25 486
```

```
  000681                      EVALUATE TRUE
  000682                          WHEN WS-SEND-ERASE-88
36
  000683      1                       MOVE SPACES              TO WS-
HA-EXEC-TEXT                    IMP 273
  000684      1                       MOVE ALL '='             TO WS-
HA-EXEC-TEXT-T1                 274
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  000685      1                       MOVE 'ABEND'             TO WS-
HA-EXEC-TEXT-T2                 275
  000686      1                       MOVE 'EVALUATE WHEN WS-SEND-
ERASE-88'
  000687      1                         TO WS-HA-EXEC-TEXT-T3
276
  000688      1                       MOVE 'EXEC CICS SEND MAP -
MAPSET/MAP'
  000689      1                         TO WS-HA-EXEC-TEXT-T4
277
  000690      1                       MOVE WS-MEN-MAPSET-CNST  TO WS-
HA-EXEC-TEXT-T5                 26 278
  000691      1                       MOVE WS-MEN-MAP-CNST     TO WS-
HA-EXEC-TEXT-T6                 27 279
  000692      1                       MOVE WS-RT-MSG-NBR-TEXT(WS-HA-
ERR-MSG-MAPFAIL)              432 287
  000693      1                         TO WS-HA-EXEC-TEXT-T7
280
  000694      1                       MOVE ALL '='             TO WS-
HA-EXEC-TEXT-T8                 281
  000695                    *
  000696      1                     EXEC CICS
  000697      1                         SEND MAP   (WS-MEN-MAP-
CNST)
  000698      1                             MAPSET(WS-MEN-MAPSET-
CNST)
  000699      1                             FROM  (MENMF2AO)
  000700      1                             ERASE
```

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```
  000701     1                              RESP  (WS-RESPONSE-
CODE)
  000702     1                              RESP2 (WS-RESPONSE-
CODE2)
  000703     1                    END-EXEC
EXT 42
  000704                *
  000705     1                    IF WS-RESPONSE-CODE =
DFHRESP(NORMAL)                     41
  000706     2                        CONTINUE
  000707     1                    ELSE
  000708     2                        MOVE 'SEND MAP      ' TO WS-
RT-MSG-HEADER                  445
  000709     2                        MOVE 'ERROR        ' TO WS-
RT-MSG-NORMAL                  447
  000710     2                        MOVE 'ERASE        ' TO WS-
RT-MSG-OTHER                   449
  000711     2                        PERFORM 9700-RESPTEXT
792
  000712     1                    END-IF
  000713                *
  000714                 WHEN WS-SEND-DATAONLY-88
37
  000715     1                    MOVE SPACES            TO WS-
HA-EXEC-TEXT               IMP 273
  000716     1                    MOVE ALL '='           TO WS-
HA-EXEC-TEXT-T1                274
  000717     1                    MOVE 'ABEND'           TO WS-
HA-EXEC-TEXT-T2                275
  000718     1                    MOVE 'EVALUATE WHEN WS-SEND-
DATAONLY-88'
  000719     1                       TO WS-HA-EXEC-TEXT-T3
276
  000720     1                    MOVE 'EXEC CICS SEND MAP -
MAPSET/MAP'
  000721     1                       TO WS-HA-EXEC-TEXT-T4
277
  000722     1                    MOVE WS-MEN-MAPSET-CNST  TO WS-
HA-EXEC-TEXT-T5              26 278
```

```
  000723      1                          MOVE WS-MEN-MAP-CNST      TO WS-
HA-EXEC-TEXT-T6              27 279
  000724      1                          MOVE WS-RT-MSG-NBR-TEXT(WS-HA-
ERR-MSG-MAPFAIL)            432 287
  000725      1                            TO WS-HA-EXEC-TEXT-T7
280
  000726      1                          MOVE ALL '='              TO WS-
HA-EXEC-TEXT-T8             281
  000727                 *
  000728      1                          EXEC CICS
  000729      1                            SEND MAP   (WS-MEN-MAP-
CNST)
  000730      1                                MAPSET(WS-MEN-MAPSET-
CNST)
  000731      1                                FROM  (MENMF2A0)
  000732      1                                DATAONLY
  000733      1                                RESP  (WS-RESPONSE-
CODE)
  000734      1                                RESP2 (WS-RESPONSE-
CODE2)
  000735      1                          END-EXEC
EXT 42
  000736                 *
  000737      1                          IF WS-RESPONSE-CODE =
DFHRESP(NORMAL)                41
  000738      2                            CONTINUE
  000739      1                          ELSE
  000740      2                            MOVE 'SEND MAP    ' TO WS-
RT-MSG-HEADER                       445
  000741      2                            MOVE 'ERROR      ' TO WS-
RT-MSG-NORMAL                       447
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  000742      2                            MOVE 'DATAONLY   ' TO WS-
RT-MSG-OTHER                        449
  000743      2                            PERFORM 9700-RESPTEXT
792
```

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```
  000744     1                         END-IF
  000745                       *
  000746                          WHEN WS-SEND-DATAONLY-ALARM-88
38
  000747     1                         MOVE SPACES              TO WS-
HA-EXEC-TEXT                      IMP 273
  000748     1                         MOVE ALL '='             TO WS-
HA-EXEC-TEXT-T1                   274
  000749     1                         MOVE 'ABEND'             TO WS-
HA-EXEC-TEXT-T2                   275
  000750     1                         MOVE 'EVALUATE WHEN WS-SEND-
DATAONLY-ALARM-88'
  000751     1                            TO WS-HA-EXEC-TEXT-T3
276
  000752     1                         MOVE 'EXEC CICS SEND MAP -
MAPSET/MAP'
  000753     1                            TO WS-HA-EXEC-TEXT-T4
277
  000754     1                         MOVE WS-MEN-MAPSET-CNST  TO WS-
HA-EXEC-TEXT-T5                   26 278
  000755     1                         MOVE WS-MEN-MAPSET-CNST  TO WS-
HA-EXEC-TEXT-T6                   26 279
  000756     1                         MOVE WS-RT-MSG-NBR-TEXT(WS-HA-
ERR-MSG-MAPFAIL)                   432 287
  000757     1                            TO WS-HA-EXEC-TEXT-T7
280
  000758     1                         MOVE ALL '='             TO WS-
HA-EXEC-TEXT-T8                   281
  000759                       *
  000760     1                         EXEC CICS
  000761     1                            SEND MAP   (WS-MEN-MAP-
CNST)
  000762     1                               MAPSET(WS-MEN-MAPSET-
CNST)
  000763     1                               FROM  (MENMF2A0)
  000764     1                               DATAONLY
  000765     1                               ALARM
  000766     1                               RESP  (WS-RESPONSE-
CODE)
```

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```
  000767      1                         RESP2 (WS-RESPONSE-
CODE2)
  000768      1                  END-EXEC
EXT 42
  000769               *
  000770      1                  IF WS-RESPONSE-CODE =
DFHRESP(NORMAL)            41
  000771      2                     CONTINUE
  000772      1                  ELSE
  000773      2                     MOVE 'SEND MAP    ' TO WS-
RT-MSG-HEADER            445
  000774      2                     MOVE 'ERROR       ' TO WS-
RT-MSG-NORMAL            447
  000775      2                     MOVE 'DATAONLY-ALARM'
  000776      2                       TO WS-RT-MSG-OTHER
449
  000777      2                     PERFORM 9700-RESPTEXT
792
  000778      1                  END-IF
  000779               *
  000780                  END-EVALUATE.
  000781               *
  000782
**************************************************************
  000783               * ADD PROCEDURE DIVISION COPY STATEMENTS
HERE
  000784
  000785               *
  000786
**************************************************************
  000787               *
  000788                COPY RESPTEXT.
  000789C              *
  000790C              * ERROR HANDLING RESPONSE TEXT LOOKUP
PARAGRAPH
  000791C              *
  000792C               9700-RESPTEXT.
  000793C              *
  000794C                   MOVE WS-RESPONSE-CODE        TO WS-
```

```
RT-RESP-NBR.                        41 434
   000795C                    MOVE SPACES                     TO WS-
RT-MSG.                             IMP 439
   000796C                    MOVE WS-RT-MSG-HEADER           TO WS-
RT-MSG-HDR                          445 440
   000797C                 *
   000798C                    IF WS-RESPONSE-CODE = DFHRESP(NORMAL)
41
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   000799C    1              MOVE WS-RT-MSG-NORMAL      TO WS-
RT-MSG-T1                           447 442
   000800C    1               MOVE WS-RT-MSG-OTHER      TO WS-
RT-MSG-T2                           449 443
   000801C                   ELSE
   000802C    1                IF WS-RT-RESP-NBR-VALID-88
435
   000803C    2                    MOVE WS-RT-MSG-NBR-TEXT(WS-RT-
RESP-NBR)                           432 434
   000804C    2                      TO WS-RT-MSG-T1
442
   000805C    2                    MOVE WS-RT-MSG-OTHER     TO WS-
RT-MSG-T2                           449 443
   000806C    1              ELSE
   000807C    2                    MOVE WS-RT-RESP-NBR-INVALID-MSG
437
   000808C    2                      TO WS-RT-MSG-T1
442
   000809C    2                    MOVE WS-RT-MSG-OTHER     TO WS-
RT-MSG-T2                           449 443
   000810C    1              END-IF
   000811C                 *
   000812C    1              MOVE EIBRESP                     TO WS-
EM-RESP                             IMP 227
   000813C    1              MOVE EIBRESP2                    TO WS-
EM-RESP2                            IMP 232
   000814C    1               MOVE EIBTRNID                   TO WS-
```

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```
EM-TRNID                              IMP 237
  000815C     1           MOVE EIBRSRCE               TO WS-
EM-RSRCE                              IMP 242
  000816C                  *
  000817C     1           MOVE WS-RT-MSG              TO WS-
EM-MSG                               439 247
  000818C                  *
  000819C     1              EXEC CICS
  000820C     1                 SEND TEXT FROM(WS-EM-ERROR-
MESSAGE)
  000821C     1                    FREEKB
  000822C     1                    ERASE
  000823C     1              END-EXEC
EXT
  000824C                  *
  000825C     1              STOP RUN
  000826C                  *
  000827C              END-IF.
  000828C                  *
  000829                   *
  000830            COPY TERMMSG.
  000831C                  *
  000832C          * SEND TERMINATION MESSAGE PARAGRAPH
  000833C                  *
  000834C           9800-SEND-TERMINATION-MESSAGE.
  000835C                  *
  000836C              EXEC CICS
  000837C                 SEND TEXT FROM(WS-END-OF-SESSION-
MESSAGE)
  000838C                    ERASE
  000839C                    FREEKB
  000840C              END-EXEC.
EXT
  000841C                  *
  000842C              EXEC CICS
  000843C                 RETURN
  000844C              END-EXEC.
EXT
  000845C                  *
```

```
    000846                    *
    000847                     COPY HDLABEND.
    000848C                   *
    000849C                   * HANDLE ABEND PARAGRAPH
    000850C                   *
    000851C                    9900-HANDLE-ABEND.
    000852C                   *
    000853C                       MOVE WS-HA-EXEC-TEXT              TO WS-
HA-HANDLE-ABEND-MSG.          273 256
    000854C                   *
    000855C                       EXEC CICS
```
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```
    000856C                       SEND TEXT FROM(WS-HA-HANDLE-ABEND-
MSG)
    000857C                            FREEKB
    000858C                            ERASE
    000859C                       END-EXEC.
EXT
    000860C                   *
    000861C                       EXEC CICS
    000862C                         RETURN
    000863C                       END-EXEC.
EXT
    000864C                   *
    000865                    *
```
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An "M" preceding a data-name reference indicates that the data-name
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  Defined   Cross-reference of data names   References

      466   ACTIONA
      488   ACTIONC
      464   ACTIONF. 465
      489   ACTIONH. M649

```
468    ACTIONI. . . . . . . . . . . .    607
463    ACTIONL
490    ACTIONO
110    ATTR-BLINK
115    ATTR-BLUE
114    ATTR-DEFAULT-COLOR
118    ATTR-GREEN
121    ATTR-NEUTRAL
109    ATTR-NO-HIGHLIGHT
117    ATTR-PINK
 96    ATTR-PROT
 98    ATTR-PROT-BRT
 99    ATTR-PROT-BRT-MDT
100    ATTR-PROT-DARK
101    ATTR-PROT-DARK-MDT
 97    ATTR-PROT-MDT
102    ATTR-PROT-SKIP
104    ATTR-PROT-SKIP-BRT
105    ATTR-PROT-SKIP-BRT-MDT
106    ATTR-PROT-SKIP-DARK
107    ATTR-PROT-SKIP-DARK-MDT
103    ATTR-PROT-SKIP-MDT
116    ATTR-RED
111    ATTR-REVERSE . . . . . . . . .    649
119    ATTR-TURQUOISE
112    ATTR-UNDERSCORE
 84    ATTR-UNPROT
 86    ATTR-UNPROT-BRT
 87    ATTR-UNPROT-BRT-MDT
 88    ATTR-UNPROT-DARK
 89    ATTR-UNPROT-DARK-MDT
 85    ATTR-UNPROT-MDT
 90    ATTR-UNPROT-NUM
 92    ATTR-UNPROT-NUM-BRT
 93    ATTR-UNPROT-NUM-BRT-MDT
 94    ATTR-UNPROT-NUM-DARK
 95    ATTR-UNPROT-NUM-DARK-MDT
 91    ATTR-UNPROT-NUM-MDT
120    ATTR-YELLOW
```

```
 82    ATTRIBUTE-DEFINITIONS
154    DFHAID
157    DFHCLEAR . . . . . . . . . . 525
158    DFHCLRP
502    DFHCOMMAREA. . . . . . . . . 504
  0    DFHEIGDI . . . . . . . . . . 515
156    DFHENTER . . . . . . . . . . 540
162    DFHMSRE
155    DFHNULL
161    DFHOPID
165    DFHPA1 . . . . . . . . . . . 531
```
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```
166    DFHPA2 . . . . . . . . . . . 531
167    DFHPA3 . . . . . . . . . . . 531
160    DFHPEN
168    DFHPF1
177    DFHPF10
178    DFHPF11
179    DFHPF12. . . . . . . . . . . 534
180    DFHPF13
181    DFHPF14
182    DFHPF15
183    DFHPF16
184    DFHPF17
185    DFHPF18
186    DFHPF19
169    DFHPF2
187    DFHPF20
188    DFHPF21
189    DFHPF22
191    DFHPF23
192    DFHPF24
170    DFHPF3 . . . . . . . . . . . 534
171    DFHPF4
172    DFHPF5
173    DFHPF6
```

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174    DFHPF7
175    DFHPF8
176    DFHPF9
163    DFHSTRF
164    DFHTRIG
478    DUMMYA
496    DUMMYC
476    DUMMYF . . . . . . . . . . . .  477
497    DUMMYH
480    DUMMYI
475    DUMMYL
498    DUMMYO
  0    EIBAID . . . . . . . . . . . .  525 531 534 540
  0    EIBCALEN . . . . . . . . . . .  519
  0    EIBRESP. . . . . . . . . . . .  812
  0    EIBRESP2 . . . . . . . . . . .  813
  0    EIBRSRCE . . . . . . . . . . .  815
  0    EIBTRNID . . . . . . . . . . .  814
455    MENMF2AI . . . . . . . . . . .  481
481    MENMF2AO . . . . . . . . . . .  M520 M526
472    MESSAGEA
492    MESSAGEC
470    MESSAGEF . . . . . . . . . . .  471
493    MESSAGEH
474    MESSAGEI
469    MESSAGEL
494    MESSAGEO . . . . . . . . . . .  M544 M650 M676
460    TRANIDA
484    TRANIDC
458    TRANIDF. . . . . . . . . . . .  459
485    TRANIDH
```

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 Defined   Cross-reference of data names   References

```
462    TRANIDI
457    TRANIDL
486    TRANIDO. . . . . . . . . . . .  M521 M527 M680
 24    WS-CICS-CNSTS
```

```
  22    WS-CLOSED-CNST
  30    WS-CMF-FILE-NAME-CNST
  16    WS-CNSTS
  14    WS-COMMUNICATION-AREA
 216    WS-EM-ERROR-LINE-1
 223    WS-EM-ERROR-LINE-2
 224    WS-EM-ERROR-LINE-3
 229    WS-EM-ERROR-LINE-4
 234    WS-EM-ERROR-LINE-5
 239    WS-EM-ERROR-LINE-6
 244    WS-EM-ERROR-LINE-7
 248    WS-EM-ERROR-LINE-8
 215    WS-EM-ERROR-MESSAGE
 247    WS-EM-MSG. . . . . . . . . . .   M817
 227    WS-EM-RESP . . . . . . . . . .   M812
 232    WS-EM-RESP2. . . . . . . . . .   M813
 242    WS-EM-RSRCE. . . . . . . . . .   M815
 237    WS-EM-TRNID. . . . . . . . . .   M814
  44    WS-END-OF-SESSION-MESSAGE
  55    WS-ENTER-VALID-ACTION. . . . .   650
  18    WS-FALSE-CNST. . . . . . . . .   651
  29    WS-FILE-CNSTS
  32    WS-FLAGS
 202    WS-GM-GENERAL-ERROR-MSG
 207    WS-GM-MSG
 203    WS-GM-RESP
 204    WS-GM-RESP2
 206    WS-GM-RSRCE
 205    WS-GM-TRNID
 284    WS-HA-ERR-MSG-FILENOTFOUND
 287    WS-HA-ERR-MSG-MAPFAIL. . . . .   624 692 724 756
 283    WS-HA-ERR-MSG-NBRS
 285    WS-HA-ERR-MSG-PGMIDERR . . . .   664
 286    WS-HA-ERR-MSG-TRANSIDERR . . .   558 584
 273    WS-HA-EXEC-TEXT. . . . . . . .   M508 M551 M577 M617 M656
M683 M715 M747 853
 274    WS-HA-EXEC-TEXT-T1 . . . . . .   M509 M552 M578 M618 M657
M684 M716 M748
 275    WS-HA-EXEC-TEXT-T2 . . . . . .   M510 M553 M579 M619 M658
```

M685 M717 M749
      276   WS-HA-EXEC-TEXT-T3 . . . . . .   M554 M580 M620 M659 M687
M719 M751
      277   WS-HA-EXEC-TEXT-T4 . . . . . .   M555 M581 M621 M660 M689
M721 M753
      278   WS-HA-EXEC-TEXT-T5 . . . . . .   M556 M582 M622 M661 M690
M722 M754
      279   WS-HA-EXEC-TEXT-T6 . . . . . .   M557 M583 M623 M663 M691
M723 M755
      280   WS-HA-EXEC-TEXT-T7 . . . . . .   M559 M585 M625 M665 M693
M725 M757
      281   WS-HA-EXEC-TEXT-T8 . . . . . .   M511 M560 M586 M626 M666
M694 M726 M758
      256   WS-HA-HANDLE-ABEND-MSG M853
      257   WS-HA-MSG-T1
      258   WS-HA-MSG-T2
      259   WS-HA-MSG-T3
      260   WS-HA-MSG-T4
      261   WS-HA-MSG-T5
      262   WS-HA-MSG-T6
      263   WS-HA-MSG-T7
PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P240628
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 Defined   Cross-reference of data names   References

      264   WS-HA-MSG-T8
      267   WS-HA-UNEXPECTED-ABEND   510
      270   WS-HA-UNHANDLED-ABEND
      266   WS-HANDLE-ABEND-MSGS
       49   WS-KEY-INVALID   544
       27   WS-MEN-MAP-CNST. 623 642 691 723
       26   WS-MEN-MAPSET-CNST 622 641 690 722 754 755
       25   WS-MEN-TRANSID-CNST. 521 527 556 573 582 600
680
       20   WS-NO-CNST
       21   WS-OPEN-CNST
       74   WS-PROGRAM-LIST-CNSTS.   79
       71   WS-PROGRAM-LIST-TABLE
       78   WS-PROGRAM-NAME. 662 674

```
 66   WS-PROGRAM-NAME-NOT-AVAIL. . . .   M675
 61   WS-PROGRAM-NOT-AVAILABLE . . . .   676
 72   WS-PROGRAM-SUB . . . . . . . .   M607 661 662 674
 73   WS-PROGRAM-SUB-VALID-88. . . .   648
 75   WS-PROGRAM-1-CNST
 76   WS-PROGRAM-2-CNST
 77   WS-PROGRAM-3-CNST
 41   WS-RESPONSE-CODE . . . . . . .   568 595 636 705 737 770
794 798
 40   WS-RESPONSE-CODES
 42   WS-RESPONSE-CODE2. . . . . . .   M566 M593 M634 M672 M703
M735 M768
439   WS-RT-MSG. . . . . . . . . .   M795 817
440   WS-RT-MSG-HDR. . . . . . . .   M796
445   WS-RT-MSG-HEADER . . . . . .   M571 M598 M640 M708 M740
M773 796
432   WS-RT-MSG-NBR-TEXT . . . . .   558 584 624 664 692 724
756 803
447   WS-RT-MSG-NORMAL . . . . . .   M572 M599 M641 M709 M741
M774 799
449   WS-RT-MSG-OTHER. . . . . . .   M573 M600 M642 M710 M742
M776 800 805 809
441   WS-RT-MSG-RESP-NBR
301   WS-RT-MSG-TABLE-DATA . . . . .   431
431   WS-RT-MSG-TABLE-DATA-R
442   WS-RT-MSG-T1 . . . . . . . .   M799 M804 M808
443   WS-RT-MSG-T2 . . . . . . . .   M800 M805 M809
434   WS-RT-RESP-NBR . . . . . . .   M794 803
437   WS-RT-RESP-NBR-INVALID-MSG . .   807
435   WS-RT-RESP-NBR-VALID-88. . . .   802
302   WS-RT-001-ERROR
303   WS-RT-002-RDATT
304   WS-RT-003-WRBRK
305   WS-RT-004-EOF
306   WS-RT-005-EODS
307   WS-RT-006-EOC
308   WS-RT-007-INBFMH
309   WS-RT-008-ENDINPT
310   WS-RT-009-NONVAL
```

```
311    WS-RT-010-NOSTART
312    WS-RT-011-TERMIDERR
313    WS-RT-012-FILENOTFOUND
314    WS-RT-013-NOTFND
315    WS-RT-014-DUPREC
316    WS-RT-015-DUPKEY
317    WS-RT-016-INVREQ
318    WS-RT-017-IOERR
319    WS-RT-018-NOSPACE
```
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 Defined   Cross-reference of data names   References

```
320    WS-RT-019-NOTOPEN
321    WS-RT-020-ENDFILE
322    WS-RT-021-ILLOGIC
323    WS-RT-022-LENGERR
324    WS-RT-023-QZERO
325    WS-RT-024-SIGNAL
326    WS-RT-025-QBUSY
327    WS-RT-026-ITEMERR
328    WS-RT-027-PGMIDERR
329    WS-RT-028-TRANSIDERR
330    WS-RT-029-ENDDATA
331    WS-RT-030-INVTSREQ
332    WS-RT-031-EXPIRED
333    WS-RT-032-RETPAGE
334    WS-RT-033-RTEFAIL
335    WS-RT-034-RTESOME
336    WS-RT-035-TSIOERR
337    WS-RT-036-MAPFAIL
338    WS-RT-037-INVERRTERM
339    WS-RT-038-INVMPSZ
340    WS-RT-039-IGREQID
341    WS-RT-040-OVERFLOW
342    WS-RT-041-INVLDC
343    WS-RT-042-NOSTG
344    WS-RT-043-JIDERR
345    WS-RT-044-QIDERR
```

```
346     WS-RT-045-NOJBUFSP
347     WS-RT-046-DSSTAT
348     WS-RT-047-SELNERR
349     WS-RT-048-FUNCERR
350     WS-RT-049-UNEXPIN
351     WS-RT-050-NOPASSBKRD
352     WS-RT-051-NOPASSBKWR
353     WS-RT-052-SEGIDERR
354     WS-RT-053-SYSIDERR
355     WS-RT-054-ISCINVREQ
356     WS-RT-055-ENQBUSY
357     WS-RT-056-ENVDEFERR
358     WS-RT-057-IGREQCD
359     WS-RT-058-SESSIONERR
360     WS-RT-059-SYSBUSY
361     WS-RT-060-SESSBUSY
362     WS-RT-061-NOTALLOC
363     WS-RT-062-CBIDERR
364     WS-RT-063-INVEXITREQ
365     WS-RT-064-INVPARTNSET
366     WS-RT-065-INVPARTN
367     WS-RT-066-PARTNFAIL
368     WS-RT-067-NOTUSED
369     WS-RT-068-NOTUSED
370     WS-RT-069-USERIDERR
371     WS-RT-070-NOTAUTH
372     WS-RT-071-VOLIDERR
373     WS-RT-072-SUPPRESSED
374     WS-RT-073-NOTUSED
```

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 Defined   Cross-reference of data names   References

```
375     WS-RT-074-NOTUSED
376     WS-RT-075-RESIDERR
377     WS-RT-076-NOTUSED
378     WS-RT-077-NOTUSED
379     WS-RT-078-NOTUSED
380     WS-RT-079-NOTUSED
```

```
381    WS-RT-080-NOSPOOL
382    WS-RT-081-TERMERR
383    WS-RT-082-ROLLEDBACK
384    WS-RT-083-END
385    WS-RT-084-DISABLED
386    WS-RT-085-ALLOCERR
387    WS-RT-086-STRELERR
388    WS-RT-087-OPENERR
389    WS-RT-088-SPOLBUSY
390    WS-RT-089-SPOLERR
391    WS-RT-090-NODEIDERR
392    WS-RT-091-TASKIDERR
393    WS-RT-092-TCIDERR
394    WS-RT-093-DSNNOTFOUND
395    WS-RT-094-LOADING
396    WS-RT-095-MODELIDERR
397    WS-RT-096-OUTDESCRERR
398    WS-RT-097-PARTNERIDERR
399    WS-RT-098-PROFILEIDERR
400    WS-RT-099-NETNAMEIDERR
401    WS-RT-100-LOCKED
402    WS-RT-101-RECORDBUSY
403    WS-RT-102-UOWNOTFOUND
404    WS-RT-103-UOWLNOTFOUND
405    WS-RT-104-LINKABEND
406    WS-RT-105-CHANGED
407    WS-RT-106-PROCESSBUSY
408    WS-RT-107-ACTIVITYBUSY
409    WS-RT-108-PROCESSERR
410    WS-RT-109-ACTIVITYERR
411    WS-RT-110-CONTAINERERR
412    WS-RT-111-EVENTERR
413    WS-RT-112-TOKENERR
414    WS-RT-113-NOTFINISHED
415    WS-RT-114-POOLERR
416    WS-RT-115-TIMERERR
417    WS-RT-116-SYMBOLERR
418    WS-RT-117-TEMPLATERR
419    WS-RT-118-NOTSUPERUSER
```

```
        420    WS-RT-119-CSDERR
        421    WS-RT-120-DUPRES
        422    WS-RT-121-RESUNAVAIL
        423    WS-RT-122-CHANNELERR
        424    WS-RT-123-CCSIDERR
        425    WS-RT-124-TIMEDOUT
        426    WS-RT-125-CODEPAGEERR
        427    WS-RT-126-INCOMPLETE
        428    WS-RT-127-APPNOTFOUND
         38    WS-SEND-DATAONLY-ALARM-88. . .   M545 M612 746
```
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 Defined   Cross-reference of data names   References

```
         37    WS-SEND-DATAONLY-88. . . . . .   714
         36    WS-SEND-ERASE-88 . . . . . . .   M522 M528 682
         35    WS-SEND-FLAG
         17    WS-TRUE-CNST
         47    WS-USER-MESSAGES
         33    WS-VALID-DATA-FLAG . . . . . .   M651
         34    WS-VALID-DATA-88 . . . . . . .   609
         19    WS-YES-CNST
```
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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

```
        506    0000-PROCESS-MASTER-MENU
        604    1000-PROCESS-MENU-MAP. . . . .   P541
```

```
      615   1100-RECEIVE-MENU-MAP. . . . .  P606
      646   1200-EDIT-MENU-DATA. . . . . .  P608
      654   1300-BRANCH-TO-PROGRAM . . . .  P610
      678   1400-SEND-MENU-MAP . . . . . .  P523 P529 P547 P613
      792   9700-RESPTEXT. . . . . . . . .  P574 P601 P643 P711 P743
P777
      834   9800-SEND-TERMINATION-MESSAGE.  P535
      851   9900-HANDLE-ABEND
```

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 Defined   Cross-reference of programs   References

EXTERNAL   DFHEI1 . . . . 515 538 566 593 634 672
703 735 768 823 840 844 859 863
        2   UUMENF2A
PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P240628
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        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
 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
 MENSF2A   SYSLIB   KC03F2A.DCMAFD02.A5P2.COBOL
1
 RESPTEXT   SYSLIB   KC03F2A.DCMAFD02.COPYBOOK.PR.COBOL
3   2024/11/06 2024/11/06 17:10:29
 TERMMSG   SYSLIB   KC03F2A.DCMAFD02.COPYBOOK.PR.COBOL

3   2024/11/06   2024/11/06 17:10:52

* Statistics for COBOL program UUMENF2A:
*   Source records = 1008
*   Data Division statements = 380
*   Procedure Division statements = 179
*   Generated COBOL statements = 51
*   Program complexity factor = 242
End of compilation 1, program UUMENF2A, no statements flagged.
Return code 0
DATA SET UTILITY — GENERATE
PAGE 0001

PROCESSING ENDED AT EOD
z/OS V2 R5 BINDER   09:37:53 FRIDAY NOVEMBER 22, 2024
BATCH EMULATOR JOB(UUMENF2A) STEP(COMPLI) PGM= IEWL
PROCEDURE(LKED   )
IEW2278I B352 INVOCATION PARAMETERS — LIST,XREF,RENT,MAP
IEW2322I 1220 1   INCLUDE SYSLIB(DFHELII)
IEW2322I 1220 2   NAME UUMENF2A(R)

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

_____
CLASS C_CODE   LENGTH =   2CB8 ATTRIBUTES = CAT,
LOAD, RMODE=ANY
                           OFFSET =   0 IN SEGMENT 001   ALIGN
= DBLWORD
_____

 SECTION   CLASS   _____
SOURCE _____
  OFFSET   OFFSET NAME   TYPE   LENGTH DDNAME   SEQ
MEMBER

            0 UUMENF2A   CSECT   2CB8 SYSLIN   02
NULL
      0   0   UUMENF2A#C   LABEL
      0   0   UUMENF2A   LABEL

```
_____
CLASS  B_TEXT              LENGTH =      C18  ATTRIBUTES = CAT,
LOAD, RMODE=ANY
                           OFFSET =    2CB8 IN SEGMENT 001     ALIGN
= DBLWORD
_____
```

SECTION	CLASS				-------		
SOURCE --------						
OFFSET	OFFSET	NAME	TYPE	LENGTH	DDNAME	SEQ
MEMBER						

	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

               28    IGZXBS61      *  CSECT      10  SYSLIB    02
IGZXBS61

               38    CEESG004      *  CSECT      34  SYSLIB    02
CEESG004

               70    IGZXRT1       *  CSECT      12  SYSLIB    02
IGZXRT1

               88    IGZXTREC      *  CSECT      12  SYSLIB    02
IGZXTREC

               A0    IGZXVMO       *  CSECT      12  SYSLIB    02
IGZXVMO
```

*** 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

               E8    IGZXBST4      *  CSECT     4E0  SYSLIB    02
IGZXBST4

              5C8    CEEBETBL      *  CSECT      28  SYSLIB    02
CEEBETBL

              5F0    CEESTART      *  CSECT      B0  SYSLIB    02
CEESTART
```

```
          6A0  CEEBPUBT       *  CSECT        70  SYSLIB     02
CEEBPUBT

          710  CEEBTRM        *  CSECT        74  SYSLIB     02
CEEBTRM

          788  CEECPYRT       *  CSECT        CF  SYSLIB     02
CEEBTRM

          858  CEEBLLST       *  CSECT        5C  SYSLIB     02
CEEBLLST
     10   868     CEELLIST           LABEL

          8B8  CEEBINT        *  CSECT         8  SYSLIB     02
CEEBINT

          8C0  CEEARLU        *  CSECT        B8  SYSLIB     02
CEEARLU

          978  CEEBPIRA       *  CSECT       2A0  SYSLIB     02
CEEINT
      0   978     CEEINT             LABEL
      0   978     CEEBPIRB           LABEL
      0   978     CEEBPIRC           LABEL
```

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

_____
CLASS C_@@PPA2   LENGTH =   8 ATTRIBUTES = MRG,
LOAD, RMODE=ANY
                      OFFSET =   38D0 IN SEGMENT 001   ALIGN
= DBLWORD
_____

          CLASS
          OFFSET NAME   TYPE   LENGTH   SECTION
             0 $PRIV000010   PART   8 UUMENF2A

      _____

CLASS C_@@CSINIT   LENGTH =   4 ATTRIBUTES = MRG,
LOAD, RMODE=ANY
                           OFFSET =   38D8 IN SEGMENT 001   ALIGN
= DBLWORD

            CLASS
            OFFSET NAME   TYPE   LENGTH   SECTION
                0 $PRIV000011   PART   4 UUMENF2A

CLASS B_LIT   LENGTH =   100 ATTRIBUTES = CAT,
LOAD, RMODE=ANY
                           OFFSET =   38E0 IN SEGMENT 001   ALIGN
= DBLWORD

  SECTION   CLASS   -------
SOURCE --------
   OFFSET   OFFSET NAME   TYPE   LENGTH DDNAME   SEQ
MEMBER

        0   IEWBLIT   CSECT   100
NULL
      0   0   IEWBLIT   LABEL

CLASS C_WSA   LENGTH =   C4 ATTRIBUTES = MRG,
DEFER , RMODE=ANY
                           OFFSET =   0 IN SEGMENT 002   ALIGN
= DBLWORD

            CLASS
            OFFSET NAME   TYPE   LENGTH   SECTION
                0 $PRIV000012   PART   10
               10 UUMENF2A#S   PART   B4 UUMENF2A

                              Page 71

CLASS C_CEESG003   LENGTH =   0 ATTRIBUTES = CAT,
NOLOAD

——————————————

 SECTION   CLASS   ———————
SOURCE ————————
  OFFSET   OFFSET NAME   TYPE   LENGTH DDNAME   SEQ
MEMBER

             0 UUMENF2A   CSECT   0 SYSLIN   02
NULL
         *** DATA SET SUMMARY ***

DDNAME   CONCAT   FILE IDENTIFICATION

SYSLIB   01   DFH610.CICS.SDFHLOAD
SYSLIB   02   CEE.SCEELKED
SYSLIN   02   SYS24327.T093747.RA000.UUMENF2A.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 UUMENF2A                   24 A-CON | UUMENF2A#C
UUMENF2A                        0 C_CODE          |
     2C UUMENF2A                   2C A-CON | UUMENF2A#C
UUMENF2A                        0 C_CODE          |
     30 UUMENF2A                   30 A-CON | UUMENF2A#C
UUMENF2A                        0 C_CODE          |
     34 UUMENF2A                   34 A-CON | UUMENF2A#C
UUMENF2A                        0 C_CODE          |
     38 UUMENF2A                   38 V-CON | IGZXBST4
IGZXBST4                        0 B_TEXT          |
     3C UUMENF2A                   3C A-CON | UUMENF2A#C
UUMENF2A                        0 C_CODE          |
     44 UUMENF2A                   44 A-CON | UUMENF2A#C
UUMENF2A                        0 C_CODE          |
   1D0C UUMENF2A                 1D0C Q-CON | UUMENF2A#S
$NON-RELOCATABLE               10 C_WSA           |
   1D10 UUMENF2A                 1D10 V-CON | DFHEI1
DFHELII                         8 B_TEXT          |
   1D14 UUMENF2A                 1D14 V-CON | IGZXPRS
IGZXPRS                         0 B_TEXT          |
   1D18 UUMENF2A                 1D18 V-CON | IGZXCMSG
IGZXCMSG                        0 B_TEXT          |
   1D1C UUMENF2A                 1D1C A-CON | UUMENF2A#C
UUMENF2A                        0 C_CODE          |
   1D20 UUMENF2A                 1D20 A-CON | UUMENF2A#C
UUMENF2A                        0 C_CODE          |
   1D24 UUMENF2A                 1D24 V-CON | IGZXVMO
IGZXVMO                         0 B_TEXT          |
   1D28 UUMENF2A                 1D28 V-CON | IGZXTREC
IGZXTREC                        0 B_TEXT          |
   1D2C UUMENF2A                 1D2C V-CON | IGZXRT1
IGZXRT1                         0 B_TEXT          |
   1D4C UUMENF2A                 1D4C A-CON | UUMENF2A#C
UUMENF2A                        0 C_CODE          |
   1D58 UUMENF2A                 1D58 A-CON | UUMENF2A#C
UUMENF2A                        0 C_CODE          |
```

```
    1E48 UUMENF2A                      1E48 A-CON | UUMENF2A#C
UUMENF2A                         0 C_CODE         |
    29DC UUMENF2A                      29DC A-CON | UUMENF2A#C
UUMENF2A                         0 C_CODE         |
    2C04 UUMENF2A                      2C04 A-CON | CEESTART
CEESTART                         0 B_TEXT         |
    2C04 UUMENF2A                      2C04 A-CON | UUMENF2A#C
UUMENF2A                         0 C_CODE         |
    2C1C UUMENF2A                      2C1C A-CON | UUMENF2A#C
UUMENF2A                         0 C_CODE         |
    2C20 UUMENF2A                      2C20 V-CON | CEESTART
CEESTART                         0 B_TEXT         |
    2C24 UUMENF2A                      2C24 V-CON | CEEBETBL
CEEBETBL                         0 B_TEXT         |
    2C74 UUMENF2A                      2C74 Q-CON | UUMENF2A#S
$NON-RELOCATABLE                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 | IGZEOPT
$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
```

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```
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 | CEEROOTA
$UNRESOLVED(W)                                          |
     69C CEESTART                      AC A-CON | CEEROOTD
$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 | UUMENF2A#C
UUMENF2A                          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 | UUMENF2A#C
UUMENF2A                          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 |
$NON–RELOCATABLE                  C_CODE           |
      74 IEWBLIT                         74 A–CON |
C_CODE              |
      90 IEWBLIT                         90 C–LEN |
$NON–RELOCATABLE                  C_WSA            |
      B0 IEWBLIT                         B0 C–LEN |
$NON–RELOCATABLE                  C_@@PPA2         |
      B4 IEWBLIT                         B4 A–CON |
```

```
C_@@PPA2          |
     D0 IEWBLIT                      D0 C-LEN |
$NON-RELOCATABLE              C_@@CSINIT        |
     D4 IEWBLIT                      D4 A-CON |
C_@@CSINIT        |
     F0 IEWBLIT                      F0 C-LEN |
$NON-RELOCATABLE              B_LIT             |
     F4 IEWBLIT                      F4 A-CON |
B_LIT             |
```

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 UUMENF2A#S                  28 A-CON | UUMENF2A#C
UUMENF2A                      0 C_CODE         |
     2C UUMENF2A#S                  2C A-CON | UUMENF2A#C
UUMENF2A                      0 C_CODE         |
     30 UUMENF2A#S                  30 A-CON | UUMENF2A#C
UUMENF2A                      0 C_CODE         |
     34 UUMENF2A#S                  34 A-CON | UUMENF2A#C
UUMENF2A                      0 C_CODE         |
     38 UUMENF2A#S                  38 A-CON | UUMENF2A#C
UUMENF2A                      0 C_CODE         |
     3C UUMENF2A#S                  3C A-CON | UUMENF2A#C
UUMENF2A                      0 C_CODE         |
     40 UUMENF2A#S                  40 A-CON | UUMENF2A#C
UUMENF2A                      0 C_CODE         |
     4C UUMENF2A#S                  4C A-CON | UUMENF2A#S
$PRIV000003                  10 C_WSA          |
     50 UUMENF2A#S                  50 A-CON | UUMENF2A#C
UUMENF2A                      0 C_CODE         |
```

```
    98 UUMENF2A#S                       98 V-CON | UUMENF2A
UUMENF2A                          0 C_CODE        |
    AC UUMENF2A#S                       AC A-CON | UUMENF2A#S
$PRIV000003                      10 C_WSA         |
```

         *** E N D O F C R O S S R E F E R E N C E ***

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

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         UUMENF2A
LOAD LIBRARY        TSOECCC.CICSTS12.STUDENT.LOADLIB
PROGRAM TYPE        PROGRAM OBJECT(FORMAT 3)
VOLUME SERIAL       KCTR12
DISPOSITION         REPLACED
TIME OF SAVE        09.37.54  NOV 22, 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)   00003AA4
      DASD SIZE (HEX)     0000D000
```

 ENTRY POINT AND ALIAS SUMMARY:

  NAME: ENTRY TYPE AMODE C_OFFSET CLASS NAME
STATUS

  UUMENF2A   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   09:37:53 FRIDAY NOVEMBER 22, 2024
BATCH EMULATOR JOB(UUMENF2A) 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 ****