                    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

18.45.57 JOB02025 **———— MONDAY,   11 NOV 2024 ————**
18.45.57 JOB02025 IRR010I USERID KC03F2A IS ASSIGNED TO THIS
JOB.
18.45.58 JOB02025 ICH70001I KC03F2A LAST ACCESS AT 18:41:08 ON
MONDAY, NOVEMBER 11, 2024
18.45.58 JOB02025 $HASP373 INQSBF2A STARTED — INIT 2   — CLASS A
— SYS 8561
18.45.58 JOB02025 —   —————
TIMINGS (MINS.)——————   —————PAGING
COUNTS————
18.45.58 JOB02025 —STEPNAME PROCSTEP   RC   EXCP   CONN   TCB
SRB CLOCK   SERV WORKLOAD PAGE SWAP   VIO SWAPS
18.45.58 JOB02025 —MAPSET   COPY   00   62   4   .00
.00   .0   7 BATCH   0   0   0   0
18.45.59 JOB02025 —MAPSET   ASMMAP   00   122   16   .00
.00   .0   15 BATCH   0   0   0   0
18.46.00 JOB02025 —MAPSET   LINKMAP   00   99   4   .00
.00   .0   6 BATCH   0   0   0   0
18.46.00 JOB02025 —MAPSET   ASMDSECT   00   138   16   .00
.00   .0   15 BATCH   0   0   0   0
18.46.00 JOB02025 —INQSBF2A ENDED. NAME—
TOTAL TCB CPU TIME=   .00 TOTAL ELAPSED TIME=   .0
18.46.00 JOB02025 $HASP395 INQSBF2A ENDED — RC=0000
—————— JES2 JOB STATISTICS ——————
  11 NOV 2024 JOB EXECUTION DATE
          33 CARDS READ
       1,361 SYSOUT PRINT RECORDS
           0 SYSOUT PUNCH RECORDS
         124 SYSOUT SPOOL KBYTES
        0.05 MINUTES EXECUTION TIME
           1 //INQSBF2A JOB
JOB02025
         //
****
**
         //*   THIS IS THE BMS MAP DEFINITION

```
          //*    WHICH IS USED TO ASSEMBLE PHYSICAL AND SYMBOLIC
MAPS
          //
**********************************************************************
**
          //*
          //*    TO CUSTOMIZE THIS SCRIPT YOU WILL NEED TO CHANGE
THE FOLLOWING:
          //*
          //*
          //*       DSCTLIB - SET THIS TO THE NAME OF THE DATASET
WHICH CONTAINS
          //*               YOUR CICS/COBOL APPLICATION CODE.
          //*
          //*       MAPNAME - SET THIS TO THE MAP SET NAME PROVIDED
BY YOUR
          //*               INSTRUCTOR
          //*
          //*       BMSLIB  - SET THIS TO THE NAME OF THE DATASET
WHICH CONTAINS
          //*               YOUR BMS CODE TO BE INTERPRETED
          //*
          //
**********************************************************************
**
          //*
          //*
        2 //CICSPROC JCLLIB ORDER=(TSOECCC.CICSTS12.PROCLIB)
        3 //MAPSET EXEC DFHMAPS,OUTC='*',RMODE=24,
          //*
          //   BMSLIB='KC03F2A.DCMAFD02.A5P1.BMS',
          //   MAPNAME='INQSF2A',
          //   DSCTLIB='KC03F2A.DCMAFD02.A5P1.COBOL',
          //*
          //*** DO NOT CHANGE MAPLIB OR INDEX!!!
          //   MAPLIB='TSOECCC.CICSTS12.STUDENT.LOADLIB',
          //   INDEX='DFH610.CICS'

XX********************************************************************
```

```
****
            XX*
*
            XX*
*
            XX*
*
            XX*      Licensed Materials - Property of IBM
*
            XX*
*
            XX*      5655-YA1
*
            XX*
*
            XX*      (C) Copyright IBM Corp. 2012 All Rights Reserved.
*
            XX*
*
            XX*
*
            XX*
*
            XX*
*
            XX*    STATUS = 7.4.0
*
            XX*
*
            XX* CHANGE ACTIVITY :
*
            XX*
*
            XX*   $MOD(DFHMAPS),COMP(SYSGEN),PROD(CICS TS ):
*
            XX*
*
            XX*  PN= REASON REL YYMMDD HDXXIII : REMARKS
*
```

```
          XX* $L0= Base   XXX XX      HD????  : Base
*
          XX*
*

XX*******************************************************************
****
     4 XXDFHMAPS PROC INDEX='CICSTS61.CICS', FOR SDFHMAC
       XX                MAPLIB='CICSTS61.CICS.SDFHLOAD', TARGET
FOR MAP
       XX                DSCTLIB='CICSTS61.CICS.SDFHMAC', TARGET
FOR DSECT
       XX                MAPNAME=,                       NAME OF
MAPSET - REQUIRED
       XX                A=,                             A=A FOR
ALIGNED MAP
       XX                AMODE=31,                       24/31
       XX                RMODE=ANY,                      24/ANY
       XX                ASMBLR=ASMA90,                  ASSEMBLER
PROGRAM NAME
       XX                REG=2048K,                      REGION FOR
ASSEMBLY
       XX                OUTC=A,                         PRINT SYSOUT
CLASS
       XX                WORK=SYSDA                      WORK FILE
UNIT
       XX*
       XX* This procedure creates a physical map (load module)
and a
       XX* symbolic map (copybook) from a BMS mapset source
definition.
       XX* It consists of four steps, as follows.
       XX*
       XX* COPY - this step copies the mapset definition (which
must be
       XX*        provided by the user via a SYSUT1 DD
statement) to a
       XX*        temporary dataset.
       XX*
```

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```
        XX* ASMMAP — this step assembles the mapset to produce an
object
        XX*        which constitutes the physical mapset.
        XX*
        XX* LINKMAP — this step executes the binder to create a
load module
        XX*        from the object created by the ASMMAP step. By
default
        XX*        options AMODE(31) and RMODE(ANY) are
specified.
        XX*
        XX* ASMDSECT — this step produces a copybook (symbolic
map) from
        XX*        supplied mapset source definition.
        XX*
     5 XXCOPY     EXEC PGM=IEBGENER
     6 XXSYSPRINT DD SYSOUT=&OUTC
       IEFC653I SUBSTITUTION JCL — SYSOUT=*
     7 XXSYSUT2   DD DSN=&&TEMPM,UNIT=&WORK,DISP=(,PASS),
       XX            DCB=(RECFM=FB,LRECL=80,BLKSIZE=400),
       XX            SPACE=(400,(50,50))
       IEFC653I SUBSTITUTION JCL —
DSN=&&TEMPM,UNIT=SYSDA,DISP=(,PASS),DCB=(RECFM=FB,LRECL=80,BLKSIZE=
400),
       SPACE=(400,(50,50))
     8 XXSYSIN    DD DUMMY
       XX* SYSUT1 DD * NEEDED FOR THE MAP SOURCE
     9 //COPY.SYSUT1 DD DSN=&BMSLIB(&MAPNAME),DISP=SHR
       IEFC653I SUBSTITUTION JCL —
DSN=KC03F2A.DCMAFD02.A5P1.BMS(INQSF2A),DISP=SHR
    10 XXASMMAP   EXEC PGM=&ASMBLR,REGION=&REG,
       XX* NOLOAD CHANGED TO NOOBJECT
@BA91512
       XX   PARM='SYSPARM(&A.MAP),DECK,NOOBJECT'
       IEFC653I SUBSTITUTION JCL —
PGM=ASMA90,REGION=2048K,PARM='SYSPARM(MAP),DECK,NOOBJECT'
    11 XXSYSPRINT DD SYSOUT=&OUTC
       IEFC653I SUBSTITUTION JCL — SYSOUT=*
    12 XXSYSLIB   DD DSN=&INDEX..SDFHMAC,DISP=SHR
```

```
           IEFC653I SUBSTITUTION JCL —
DSN=DFH610.CICS.SDFHMAC,DISP=SHR
     13 XX         DD DSN=SYS1.MACLIB,DISP=SHR
     14 XXSYSUT1   DD UNIT=&WORK,SPACE=(CYL,(5,5))
           IEFC653I SUBSTITUTION JCL — UNIT=SYSDA,SPACE=(CYL,(5,5))
     15 XXSYSUT2   DD UNIT=&WORK,SPACE=(CYL,(5,5))
           IEFC653I SUBSTITUTION JCL — UNIT=SYSDA,SPACE=(CYL,(5,5))
     16 XXSYSUT3   DD UNIT=&WORK,SPACE=(CYL,(5,5))
           IEFC653I SUBSTITUTION JCL — UNIT=SYSDA,SPACE=(CYL,(5,5))
     17 XXSYSPUNCH DD DSN=&&MAP,DISP=(,PASS),UNIT=&WORK,
        XX            DCB=(RECFM=FB,LRECL=80,BLKSIZE=400),
        XX            SPACE=(400,(50,50))
           IEFC653I SUBSTITUTION JCL —
DSN=&&MAP,DISP=(,PASS),UNIT=SYSDA,DCB=(RECFM=FB,LRECL=80,BLKSIZE=40
0),SPACE=(400,
        (50,50))
     18 XXSYSIN    DD DSN=&&TEMPM,DISP=(OLD,PASS)
     19 XXLINKMAP  EXEC
PGM=IEWL,PARM=('LIST,LET,XREF,RMODE(&RMODE)',
        XX            'AMODE(&AMODE)')
           IEFC653I SUBSTITUTION JCL —
PGM=IEWL,PARM=('LIST,LET,XREF,RMODE(24)','AMODE(31)')
     20 XXSYSPRINT DD SYSOUT=&OUTC
           IEFC653I SUBSTITUTION JCL — SYSOUT=*
     21 XXSYSLMOD  DD DSN=&MAPLIB(&MAPNAME),DISP=SHR
           IEFC653I SUBSTITUTION JCL —
DSN=TSOECCC.CICSTS12.STUDENT.LOADLIB(INQSF2A),DISP=SHR
     22 XXSYSUT1   DD UNIT=&WORK,SPACE=(1024,(20,20))
           IEFC653I SUBSTITUTION JCL — UNIT=SYSDA,SPACE=(1024,
(20,20))
     23 XXSYSLIN   DD DSN=&&MAP,DISP=(OLD,DELETE)
        XX* NOLOAD CHANGED TO NOOBJECT
@BA91512
     24 XXASMDSECT EXEC PGM=&ASMBLR,REGION=&REG,
        XX  PARM='SYSPARM(&A.DSECT),DECK,NOOBJECT'
           IEFC653I SUBSTITUTION JCL —
PGM=ASMA90,REGION=2048K,PARM='SYSPARM(DSECT),DECK,NOOBJECT'
     25 XXSYSPRINT DD SYSOUT=&OUTC
           IEFC653I SUBSTITUTION JCL — SYSOUT=*
```

```
       26 XXSYSLIB   DD DSN=&INDEX..SDFHMAC,DISP=SHR
          IEFC653I SUBSTITUTION JCL —
DSN=DFH610.CICS.SDFHMAC,DISP=SHR
       27 XX         DD DSN=SYS1.MACLIB,DISP=SHR
       28 XXSYSUT1   DD UNIT=&WORK,SPACE=(CYL,(5,5))
          IEFC653I SUBSTITUTION JCL — UNIT=SYSDA,SPACE=(CYL,(5,5))
       29 XXSYSUT2   DD UNIT=&WORK,SPACE=(CYL,(5,5))
          IEFC653I SUBSTITUTION JCL — UNIT=SYSDA,SPACE=(CYL,(5,5))
       30 XXSYSUT3   DD UNIT=&WORK,SPACE=(CYL,(5,5))
          IEFC653I SUBSTITUTION JCL — UNIT=SYSDA,SPACE=(CYL,(5,5))
       31 //ASMDSECT.SYSPUNCH DD DSN=&DSCTLIB(&MAPNAME)
          IEFC653I SUBSTITUTION JCL —
DSN=KC03F2A.DCMAFD02.A5P1.COBOL(INQSF2A)
          X/SYSPUNCH DD DSN=&DSCTLIB(&MAPNAME),DISP=OLD
          IEFC653I SUBSTITUTION JCL —
DSN=KC03F2A.DCMAFD02.A5P1.COBOL(INQSF2A),DISP=OLD
       32 XXSYSIN    DD DSN=&&TEMPM,DISP=(OLD,DELETE)
 STMT NO. MESSAGE
        3 IEFC001I PROCEDURE DFHMAPS WAS EXPANDED USING SYSTEM
LIBRARY VENDOR.PROCLIB
ICH70001I KC03F2A  LAST ACCESS AT 18:41:08 ON MONDAY, NOVEMBER 11,
2024
IEFA111I INQSBF2A IS USING THE FOLLOWING JOB RELATED SETTINGS:
        SWA=ABOVE,TIOT SIZE=32K,DSENQSHR=DISALLOW,GDGBIAS=JOB
IEF236I ALLOC. FOR INQSBF2A COPY MAPSET
IEF237I JES2 ALLOCATED TO SYSPRINT
IGD101I SMS ALLOCATED TO DDNAME (SYSUT2  )
        DSN (SYS24316.T184557.RA000.INQSBF2A.TEMPM.H01   )
        STORCLAS (TEMPSC) MGMTCLAS (        ) DATACLAS (        )
        VOL SER NOS= KCTR01
IEF237I DMY  ALLOCATED TO SYSIN
IGD103I SMS ALLOCATED TO DDNAME SYSUT1
IEF142I INQSBF2A COPY MAPSET — STEP WAS EXECUTED — COND CODE 0000
IEF285I   KC03F2A.INQSBF2A.JOB02025.D0000101.?         SYSOUT
IGD106I SYS24316.T184557.RA000.INQSBF2A.TEMPM.H01     PASSED,
DDNAME=SYSUT2
IGD104I KC03F2A.DCMAFD02.A5P1.BMS                     RETAINED,
DDNAME=SYSUT1
IEF373I STEP/COPY   /START 2024316.1845
```

```
IEF032I STEP/COPY   /STOP  2024316.1845
        CPU:     0 HR  00 MIN  00.00 SEC    SRB:     0 HR  00 MIN
00.00 SEC
        VIRT:  192K  SYS:   260K  EXT:      12K  SYS:    11392K
        ATB- REAL:                 1268K  SLOTS:
0K
           VIRT- ALLOC:       16M SHRD:       0M
IEF236I ALLOC. FOR INQSBF2A ASMMAP MAPSET
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I 1847 ALLOCATED TO SYSLIB
IEF237I 1001 ALLOCATED TO
IGD101I SMS ALLOCATED TO DDNAME (SYSUT1  )
        DSN (SYS24316.T184557.RA000.INQSBF2A.R0152664    )
        STORCLAS (TEMPSC) MGMTCLAS (        ) DATACLAS (        )
        VOL SER NOS= KCTR01
IGD101I SMS ALLOCATED TO DDNAME (SYSUT2  )
        DSN (SYS24316.T184557.RA000.INQSBF2A.R0152665    )
        STORCLAS (TEMPSC) MGMTCLAS (        ) DATACLAS (        )
        VOL SER NOS= KCTR01
IGD101I SMS ALLOCATED TO DDNAME (SYSUT3  )
        DSN (SYS24316.T184557.RA000.INQSBF2A.R0152666    )
        STORCLAS (TEMPSC) MGMTCLAS (        ) DATACLAS (        )
        VOL SER NOS= KCTR01
IGD101I SMS ALLOCATED TO DDNAME (SYSPUNCH)
        DSN (SYS24316.T184557.RA000.INQSBF2A.MAP.H01     )
        STORCLAS (TEMPSC) MGMTCLAS (        ) DATACLAS (        )
        VOL SER NOS= KCTR01
IGD103I SMS ALLOCATED TO DDNAME SYSIN
IEF142I INQSBF2A ASMMAP MAPSET - STEP WAS EXECUTED - COND CODE 0000
IEF285I   KC03F2A.INQSBF2A.JOB02025.D0000102.?        SYSOUT
IEF285I   DFH610.CICS.SDFHMAC                         KEPT
IEF285I   VOL SER NOS= VTDFHL.
IEF285I   SYS1.MACLIB                                 KEPT
IEF285I   VOL SER NOS= VTMVSC.
IGD105I SYS24316.T184557.RA000.INQSBF2A.R0152664    DELETED,
DDNAME=SYSUT1
IGD105I SYS24316.T184557.RA000.INQSBF2A.R0152665    DELETED,
DDNAME=SYSUT2
IGD105I SYS24316.T184557.RA000.INQSBF2A.R0152666     DELETED,
```

DDNAME=SYSUT3
IGD106I *SYS24316.T184557.RA000.INQSBF2A.MAP.H01*   PASSED,
DDNAME=SYSPUNCH
IGD106I *SYS24316.T184557.RA000.INQSBF2A.TEMPM.H01*   PASSED,
DDNAME=SYSIN
IEF373I STEP/ASMMAP /START 2024316.1845
IEF032I STEP/ASMMAP /STOP 2024316.1845
        CPU: 0 HR 00 MIN 00.01 SEC   SRB: 0 HR 00 MIN
00.00 SEC
        VIRT: 252K SYS: 260K EXT: 32768K SYS: 11320K
        ATB- REAL: 1304K SLOTS:
0K
            VIRT- ALLOC: 23M SHRD: 0M
IEF236I ALLOC. FOR INQSBF2A LINKMAP MAPSET
IEF237I JES2 ALLOCATED TO SYSPRINT
IGD103I SMS ALLOCATED TO DDNAME SYSLMOD
IGD101I SMS ALLOCATED TO DDNAME (SYSUT1)
        DSN (*SYS24316.T184557.RA000.INQSBF2A.R0152667*   )
        STORCLAS (TEMPSC) MGMTCLAS (   ) DATACLAS (   )
        VOL SER NOS= KCTR01
IGD103I SMS ALLOCATED TO DDNAME SYSLIN
IEF142I INQSBF2A LINKMAP MAPSET - STEP WAS EXECUTED - COND CODE
0000
IEF285I   KC03F2A.INQSBF2A.JOB02025.D0000103.?   SYSOUT
IGD104I *TSOECCC.CICSTS12.STUDENT.LOADLIB*   RETAINED,
DDNAME=SYSLMOD
IGD105I *SYS24316.T184557.RA000.INQSBF2A.R0152667*   DELETED,
DDNAME=SYSUT1
IGD105I *SYS24316.T184557.RA000.INQSBF2A.MAP.H01*   DELETED,
DDNAME=SYSLIN
IEF373I STEP/LINKMAP /START 2024316.1845
IEF032I STEP/LINKMAP /STOP 2024316.1846
        CPU: 0 HR 00 MIN 00.00 SEC   SRB: 0 HR 00 MIN
00.00 SEC
        VIRT: 88K SYS: 252K EXT: 1640K SYS: 11344K
        ATB- REAL: 1304K SLOTS:
0K
            VIRT- ALLOC: 22M SHRD: 0M
IEF236I ALLOC. FOR INQSBF2A ASMDSECT MAPSET

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```
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I 1847 ALLOCATED TO SYSLIB
IEF237I 1001 ALLOCATED TO
IGD101I SMS ALLOCATED TO DDNAME (SYSUT1  )
        DSN (SYS24316.T184557.RA000.INQSBF2A.R0152668    )
        STORCLAS (TEMPSC) MGMTCLAS (       ) DATACLAS (       )
        VOL SER NOS= KCTR01
IGD101I SMS ALLOCATED TO DDNAME (SYSUT2  )
        DSN (SYS24316.T184557.RA000.INQSBF2A.R0152669    )
        STORCLAS (TEMPSC) MGMTCLAS (       ) DATACLAS (       )
        VOL SER NOS= KCTR01
IGD101I SMS ALLOCATED TO DDNAME (SYSUT3  )
        DSN (SYS24316.T184557.RA000.INQSBF2A.R0152670    )
        STORCLAS (TEMPSC) MGMTCLAS (       ) DATACLAS (       )
        VOL SER NOS= KCTR01
IGD103I SMS ALLOCATED TO DDNAME SYSPUNCH
IGD103I SMS ALLOCATED TO DDNAME SYSIN
IEF142I INQSBF2A ASMDSECT MAPSET — STEP WAS EXECUTED — COND CODE
0000
IEF285I   KC03F2A.INQSBF2A.JOB02025.D0000104.?        SYSOUT
IEF285I   DFH610.CICS.SDFHMAC                         KEPT
IEF285I   VOL SER NOS= VTDFHL.
IEF285I   SYS1.MACLIB                                 KEPT
IEF285I   VOL SER NOS= VTMVSC.
IGD105I SYS24316.T184557.RA000.INQSBF2A.R0152668    DELETED,
DDNAME=SYSUT1
IGD105I SYS24316.T184557.RA000.INQSBF2A.R0152669    DELETED,
DDNAME=SYSUT2
IGD105I SYS24316.T184557.RA000.INQSBF2A.R0152670    DELETED,
DDNAME=SYSUT3
IGD104I KC03F2A.DCMAFD02.A5P1.COBOL                 RETAINED,
DDNAME=SYSPUNCH
IGD105I SYS24316.T184557.RA000.INQSBF2A.TEMPM.H01    DELETED,
DDNAME=SYSIN
IEF373I STEP/ASMDSECT/START 2024316.1846
IEF032I STEP/ASMDSECT/STOP  2024316.1846
        CPU:     0 HR  00 MIN  00.01 SEC    SRB:     0 HR  00 MIN
00.00 SEC
        VIRT:  252K  SYS:   260K  EXT:    32768K  SYS:    11616K
```

        ATB- REAL: 1316K SLOTS:
0K
             VIRT- ALLOC: 25M SHRD: 0M
IEF375I JOB/INQSBF2A/START 2024316.1845
IEF033I JOB/INQSBF2A/STOP 2024316.1846
        CPU: 0 HR 00 MIN 00.02 SEC   SRB: 0 HR 00 MIN
00.00 SEC
DATA SET UTILITY - GENERATE
PAGE 0001

PROCESSING ENDED AT EOD

                                  High Level Assembler
Option Summary   (PTF UI93396)   Page   1

HLASM R6.0 2024/11/11 18.45
  No Overriding ASMAOPT Parameters
  Overriding Parameters- SYSPARM(MAP),DECK,NOOBJECT
  No Process Statements

  Options for this Assembly
                    NOADATA
                      ALIGN
                    NOASA
                      ASCII(00819)
                      BATCH
                      CA(LOCAL)
                      CE(LOCAL)
                      CODEPAGE(01148)
                    NOCOMPAT
                      CU(LOCAL)
                    NODATAMAP
                    NODBCS
3 PARM/OPTION   DECK
                      DXREF
                      EBCDIC(00037)
                      ESD
                    NOEXIT

```
                      FAIL(NOMSG,NOMNOTE,MAXERRS(500))

FLAG(0,ALIGN,CONT,EXLITW,NOIMPLEN,NOLONGER,NOPAGE0,PUSH,RECORD,RENT
,NOSIGNED,NOSUBSTR,NOTRUNC,
                      USING0)
                    NOFOLD
                    NOGOFF
                      ILMA
                    NOINFO
                      LANGUAGE(EN)
                    NOLIBMAC
                      LINECOUNT(60)
                      LIST(121)
                      MACHINE(,NOLIST)
                      MXREF(SOURCE)
3 PARM/OPTION       NOOBJECT
                      OPTABLE(UNI,NOLIST)
                    NOPCONTROL
                    NOPESTOP
                    NOPROFILE
                    NORA2
                    NORENT
                      RLD
                      RXREF
                      SECTALGN(8)
                      SIZE(MAX)
                    NOSUPRWARN
3 PARM/OPTION       SYSPARM(MAP)
                    NOTERM
                    NOTEST
                      THREAD
                    NOTRANSLATE
                      TYPECHECK(MAGNITUDE,REGISTER,SIGNED)
                      UNICODE(01200)
```

                                      High Level Assembler
Option Summary   (PTF UI93396)   Page   2

HLASM R6.0 2024/11/11 18.45

                        USING(NOLIMIT,MAP,WARN(15))
                      NOWORKFILE
                       XREF(SHORT,UNREFS)

  No Overriding DD Names

                                          External Symbol
Dictionary   Page   3
Symbol Type Id   Address Length   Owner Id Flags Alias-of
HLASM R6.0 2024/11/11 18.45
INQSF2AM SD 00000001 00000000 00000365   06

Page   4
  Active Usings: None
  Loc Object Code   Addr1 Addr2 Stmt   Source Statement
HLASM R6.0 2024/11/11 18.45
                                 1 *   PRINT NOGEN
                                 2 INQSF2A DFHMSD
TYPE=&SYSPARM,   X
                                       LANG=COBOL,
X
                                       MODE=INOUT,
X
                                       TERM=3270-2,
X
                                       CTRL=FREEKB,
X

STORAGE=AUTO,   X
                                       TIOAPFX=YES,
X

MAPATTS=(COLOR,HILIGHT),   X

DSATTS=(COLOR,HILIGHT)

101+**
****

```
000000                    00000 00365    102+INQSF2AM CSECT
@PCA 01-DFHMS

                                        103+INQSF2AM AMODE 31
@PCA 01-DFHMS

                                        104+INQSF2AM RMODE ANY
@PCA 01-DFHMS
000000                                  105+MSD0001  DS     0D
MAP SET ORIGIN                @02A 01-DFHMS
000000 C9D5D8E2C6F2C1D4                  106+         DC
CL8'INQSF2AM'       MAP SET NAME                      @ 01-DFHMS
000008 00                                107+         DC     AL1(DFHU0)
OVERFLOW TRAILER LENGTH          01-DFHMS
000009 32                                108+         DC     X'32'
VERSION 3.2  OF CICS          @P5C 01-DFHMS
00000A 4040                              109+         DC     CL2' '
LDC MNEMONIC                  @BB85D1L 01-DFHMS

110+************************************************************************
********


                                        112
************************************************************************
****

                                        113 INQMF2A  DFHMDI
SIZE=(24,80),                                        X
                                                     LINE=1,
X
                                                     COLUMN=1

206+************************************************************************
********
00000C                                  207+INQMF2A  DS     0C .
MAP ORIGIN                    @ 01-DFHMD
                          0000C         208+DFHL1    EQU    *
START OF MAP                      01-DFHMD
00000C 004F                              209+         DC     AL2(DFHK1)
MAP DESCRIPTOR LENGTH            01-DFHMD
00000E 0000                              210+         DC     XL2'0000'
INPUT PARTITION NAME     @E5E2C @H1C 01-DFHMD
```

```
000010 0000                           211+        DC    XL2'0000'
OUTPUT PARTITION NAME     @E5E2C @H1C 01-DFHMD
000012 0000                           212+        DC    XL2'0000'
ACTIVE PARTITION NAME     @E5E2C @H1C 01-DFHMD
000014 C9D5D8D4C6F2C140               213+        DC
CL8'INQMF2A'   .          MAP NAME                    @ 01-DFHMD
00001C 0355                           214+        DC    AL2(DFHM1)
MAP LENGTH                            01-DFHMD
00001E 00AA                           215+        DC    AL2(DFHS1)
MAP SPECIFICATION LENGTH              01-DFHMD
000020 0103                           216+        DC    AL2(DFHN1)
INPUT WORK AREA LENGTH                01-DFHMD
000022 020F                           217+        DC    AL2(DFHP1)
OUTPUT WORK AREA LENGTH               01-DFHMD
000024 C0                             218+        DC    AL1(192)  .
MAP DESCRIPTOR FLAG BYTE     @ 01-DFHMD
000025 C2                             219+        DC    CL1'B'
3270 WRITE CONTROL CHARACTER     @ 01-DFHMD
000026 015A                           220+        DC    AL2(DFHQ1)
3270 CURSOR POSITION                 01-DFHMD
000028 00                             221+        DC    AL1(0)
MAP MARGIN                       @ 01-DFHMD
000029 18                             222+        DC    AL1(24)
MAP LENGTH - NUMBER OF LINES     @ 01-DFHMD
00002A 50                             223+        DC    AL1(80)
MAP WIDTH - NUMBER OF COLUMNS     @ 01-DFHMD
00002B 01                             224+        DC    AL1(1)
MAP STARTING LINE NUMBER         @ 01-DFHMD
00002C 01                             225+        DC    AL1(1)
MAP STARTING COLUMN NUMBER       @ 01-DFHMD
00002D 10                             226+        DC    AL1(DFHT1)
MAP INDICATOR                        01-DFHMD
00002E 00                             227+        DC    AL1(0)
TYPE REQUEST BYTE TWO            @ 01-DFHMD
00002F 00                             228+        DC    AL1(0)
TYPE REQUEST BYTE THREE          @ 01-DFHMD
000030                00030 0002E     229+        ORG   *-2
Overlay byte 2 and 3            @0DA 01-DFHMD
00002E 0000                           230+        DC    AL2(DFHZ1)
```

```
Count of useredit fields      @0DA 01-DFHMD
000030 00                           231+        DC    AL1(0)
TYPE REQUEST BYTE FOUR          @ 01-DFHMD
000031 00                           232+        DC    AL1(0)
TYPE REQUEST BYTE FIVE          @ 01-DFHMD
000032 018B                         233+        DC    AL2(DFHX1)
offset of descriptor          @L8C 01-DFHMD
```

Page   5
  Active Usings: None
  Loc Object Code   Addr1 Addr2 Stmt   Source Statement
HLASM R6.0 2024/11/11 18.45

```
000034 00                           234+        DC    AL1(0)
REQUEST WRITE CONTROL CHARACTER    @ 01-DFHMD
000035 0C                           235+        DC    AL1(12)
MAX NO OF ATTRS                 @L3A 01-DFHMD
000036 00000000                     236+        DC    AL4(0)
MAP CHAIN POINTER               @L3A 01-DFHMD
00003A 0002                         237+        DC    AL2(2)
NO. OF ATTRS IN MAP FIELDS      @L3A 01-DFHMD
00003C 0002                         238+        DC    AL2(2)
NO. OF ATTRS IN DSECT FIELDS    @L3A 01-DFHMD
00003E 01000200                     239+        DC    AL1(1,0,2,0)
@L3A 01-DFHMD
000042 00000000                     240+        DC    AL1(0,0,0,0)
@L3A 01-DFHMD
000046 00000000                     241+        DC    AL1(0,0,0,0)
@L3A 01-DFHMD
00004A 01000200                     242+        DC    AL1(1,0,2,0)
@L3A 01-DFHMD
00004E 00000000                     243+        DC    AL1(0,0,0,0)
@L3A 01-DFHMD
000052 00000000                     244+        DC    AL1(0,0,0,0)
@L3A 01-DFHMD
000056 00                           245+        DC    AL1(0)
FIELD SEPARATOR LENGTH          @L3A 01-DFHMD
000057 40404040                     246+        DC    CL4' '
FIELD SEPARATOR VALUE    @L3C 01-DFHMD
                     0004F          247+DFHK1    EQU *-DFHL1
```

LENGTH OF MAP HEADER   01-DFHMD

248+***
****

                                 250
****
****
                                 251   DFHMDF POS=(1,1),
X
                                              LENGTH=7,
X

ATTRB=(NORM,PROT),   X
                                              COLOR=BLUE,
X

INITIAL='INQMF2A'

347+***
****
00005B   348+   DS   0C
FIELD NAME   @ 01-DFHMD
00005B 0000   349+   DC   AL2(0)
FIELD PAGE POSITION   @ 01-DFHMD
00005D 0007   350+   DC   AL2(7)
FIELD LENGTH   @ 01-DFHMD
00005F 02   351+   DC   AL1(2)
FIELD DESCRIPTOR FLAG BYTE   @ 01-DFHMD
000060 60   352+   DC   CL1'-'
FIELD ATTRIBUTE   @ 01-DFHMD
000061 0000   353+   DC
AL2(0)   .   FIELD POSITION   @ 01-DFHMD
000063 F1   354+   DC   X'F1'
COLOUR ATTRIBUTE   @L3C 01-DFHMD
000064 00   355+   DC   X'00'
HIGHLIGHTING ATTRIBUTE   @L3C 01-DFHMD
000065 C9D5D8D4C6F2C1   356+   DC   CL7'INQMF2A'
DEFAULT MAP DATA   @ 01-DFHMD

357+***
****

                                 359   DFHMDF POS=(1,20),
X
                                              LENGTH=16,
X

ATTRB=(NORM,PROT),   X
                                              COLOR=GREEN,
X

INITIAL='Customer Inquiry'

455+***
****
00006C   456+   DS   0C
FIELD NAME   @ 01-DFHMD
00006C 0000   457+   DC   AL2(0)
FIELD PAGE POSITION   @ 01-DFHMD
00006E 0010   458+   DC   AL2(16)
FIELD LENGTH   @ 01-DFHMD
000070 02   459+   DC   AL1(2)
FIELD DESCRIPTOR FLAG BYTE   @ 01-DFHMD
000071 60   460+   DC   CL1'-'
FIELD ATTRIBUTE   @ 01-DFHMD
000072 0013   461+   DC
AL2(19)   .   FIELD POSITION   @ 01-DFHMD
000074 F4   462+   DC   X'F4'
COLOUR ATTRIBUTE   @L3C 01-DFHMD
000075 00   463+   DC   X'00'
HIGHLIGHTING ATTRIBUTE   @L3C 01-DFHMD
000076 C3A4A2A396948599   464+   DC
CL16'Customer Inquiry'   X01-DFHMD
00007E 40C99598A48999A8   +
DEFAULT MAP DATA   @

465+***

****

Page   6
  Active Usings: None
  Loc Object Code   Addr1 Addr2 Stmt   Source Statement
HLASM R6.0 2024/11/11 18.45
                                      467 TRANID   DFHMDF POS=(1,76),
X
                                          LENGTH=4,
X

ATTRB=(NORM,PROT),   X
                                          COLOR=BLUE,
X

INITIAL='IF2A'

563+**
****
000086   564+TRANID   DS   0C
FIELD NAME   @08A 01-DFHMD
000086 0000   565+   DC   AL2(0)
FIELD PAGE POSITION   @ 01-DFHMD
000088 0004   566+   DC   AL2(4)
FIELD LENGTH   @ 01-DFHMD
00008A 03   567+   DC   AL1(3)
FIELD DESCRIPTOR FLAG BYTE   @ 01-DFHMD
00008B 60   568+   DC   CL1'-'
FIELD ATTRIBUTE   @ 01-DFHMD
00008C 004B   569+   DC
AL2(75)   .   FIELD POSITION   @ 01-DFHMD
00008E F1   570+   DC   X'F1'
COLOUR ATTRIBUTE   @L3C 01-DFHMD
00008F 00   571+   DC   X'00'
HIGHLIGHTING ATTRIBUTE   @L3C 01-DFHMD
000090 C9C6F2C1   572+   DC   CL4'IF2A'
DEFAULT MAP DATA   @ 01-DFHMD

573+**

****

                                575
****
****
                                576   DFHMDF POS=(3,1),
X
                                             LENGTH=42,
X

ATTRB=(NORM,PROT),   X

COLOR=NEUTRAL,   X

INITIAL='Type a customer number. Then press Enter.'

672+**
****
000094   673+   DS   0C
FIELD NAME   @ 01—DFHMD
000094 0000   674+   DC   AL2(0)
FIELD PAGE POSITION   @ 01—DFHMD
000096 002A   675+   DC   AL2(42)
FIELD LENGTH   @ 01—DFHMD
000098 02   676+   DC   AL1(2)
FIELD DESCRIPTOR FLAG BYTE   @ 01—DFHMD
000099 60   677+   DC   CL1'—'
FIELD ATTRIBUTE   @ 01—DFHMD
00009A 00A0   678+   DC
AL2(160)   .   FIELD POSITION   @ 01—DFHMD
00009C F7   679+   DC   X'F7'
COLOUR ATTRIBUTE   @L3C 01—DFHMD
00009D 00   680+   DC   X'00'
HIGHLIGHTING ATTRIBUTE   @L3C 01—DFHMD
00009E E3A8978540814083   681+   DC   CL42'Type a
customer number. Then press Enter.'   X01—DFHMD
0000A6 A4A2A39694859940   +
DEFAULT MAP DATA   @

682+***
****

                                 684   DFHMDF POS=(5,1),
X
                                             LENGTH=24,
X

ATTRB=(NORM,PROT),   X
                                             COLOR=GREEN,
X

INITIAL='Customer number. . . . .'

780+***
****
0000C8   781+   DS   0C
FIELD NAME   @ 01-DFHMD
0000C8 0000   782+   DC   AL2(0)
FIELD PAGE POSITION   @ 01-DFHMD
0000CA 0018   783+   DC   AL2(24)
FIELD LENGTH   @ 01-DFHMD
0000CC 02   784+   DC   AL1(2)
FIELD DESCRIPTOR FLAG BYTE   @ 01-DFHMD
0000CD 60   785+   DC   CL1'-'
FIELD ATTRIBUTE   @ 01-DFHMD
0000CE 0140   786+   DC
AL2(320)   .   FIELD POSITION   @ 01-DFHMD
0000D0 F4   787+   DC   X'F4'
COLOUR ATTRIBUTE   @L3C 01-DFHMD
0000D1 00   788+   DC   X'00'
HIGHLIGHTING ATTRIBUTE   @L3C 01-DFHMD

Page   7
  Active Usings: None
  Loc Object Code   Addr1 Addr2 Stmt   Source Statement
HLASM R6.0 2024/11/11 18.45
0000D2 C3A4A2A396948599   789+   DC
CL24'Customer number. . . . .'   X01-DFHMD

```
0000DA 4095A4948285994B               +
DEFAULT MAP DATA                      @
```

790+**
****

```
                              792 CUSTNO   DFHMDF POS=(5,26),
X
                                           LENGTH=6,
X

ATTRB=(NORM,UNPROT,IC),                                 X

COLOR=TURQUOISE,                                        X

INITIAL='_____'
```

888+**
****
```
0000EA                          889+CUSTNO   DS    0C
FIELD NAME                      @08A 01—DFHMD
0000EA 0000                     890+         DC    AL2(0)
FIELD PAGE POSITION             @ 01—DFHMD
0000EC 0006                     891+         DC    AL2(6)
FIELD LENGTH                    @ 01—DFHMD
0000EE 03                       892+         DC    AL1(3)
FIELD DESCRIPTOR FLAG BYTE      @ 01—DFHMD
0000EF 40                       893+         DC    CL1' '
FIELD ATTRIBUTE                 @ 01—DFHMD
0000F0 0159                     894+         DC
AL2(345)      .        FIELD POSITION             @ 01—DFHMD
0000F2 F5                       895+         DC    X'F5'
COLOUR ATTRIBUTE                @L3C 01—DFHMD
0000F3 00                       896+         DC    X'00'
HIGHLIGHTING ATTRIBUTE          @L3C 01—DFHMD
0000F4 6D6D6D6D6D6D             897+         DC    CL6'_____'
DEFAULT MAP DATA                @ 01—DFHMD
```

898+**

****

```
                                    900          DFHMDF POS=(5,33),
X
                                                 LENGTH=1,
X
                                                 ATTRB=ASKIP

995+*********************************************************
********
0000FA                              996+         DS    0C
FIELD NAME                          @ 01—DFHMD
0000FA 0000                         997+         DC    AL2(0)
FIELD PAGE POSITION                 @ 01—DFHMD
0000FC 0001                         998+         DC    AL2(1)
FIELD LENGTH                        @ 01—DFHMD
0000FE 00                           999+         DC    AL1(0)
FIELD DESCRIPTOR FLAG BYTE          @ 01—DFHMD
0000FF F0                           1000+        DC    CL1'0'
FIELD ATTRIBUTE                     @ 01—DFHMD
000100 0160                         1001+        DC
AL2(352)      .          FIELD POSITION          @ 01—DFHMD
000102 00                           1002+        DC    X'00'
COLOUR ATTRIBUTE                    @L3C 01—DFHMD
000103 00                           1003+        DC    X'00'
HIGHLIGHTING ATTRIBUTE              @L3C 01—DFHMD

1004+*********************************************************
*********

                                    1006
*************************************************************
****
                                    1007         DFHMDF POS=(7,1),
X
                                                 LENGTH=24,
X
ATTRB=(NORM,PROT),                                          X
```

                                                          COLOR=GREEN,
X

INITIAL='Name and address . . . :'

1103+***
****
000104   1104+   DS   0C
FIELD NAME   @ 01-DFHMD
000104 0000   1105+   DC   AL2(0)
FIELD PAGE POSITION   @ 01-DFHMD
000106 0018   1106+   DC   AL2(24)
FIELD LENGTH   @ 01-DFHMD
000108 02   1107+   DC   AL1(2)
FIELD DESCRIPTOR FLAG BYTE   @ 01-DFHMD
000109 60   1108+   DC   CL1'-'
FIELD ATTRIBUTE   @ 01-DFHMD
00010A 01E0   1109+   DC
AL2(480)   .   FIELD POSITION   @ 01-DFHMD
00010C F4   1110+   DC   X'F4'
COLOUR ATTRIBUTE   @L3C 01-DFHMD

Page   8
  Active Usings: None
  Loc Object Code   Addr1 Addr2 Stmt   Source Statement
HLASM R6.0 2024/11/11 18.45
00010D 00   1111+   DC   X'00'
HIGHLIGHTING ATTRIBUTE   @L3C 01-DFHMD
00010E D581948540819584   1112+   DC   CL24'Name
and address . . . :'   X01-DFHMD
000116 408184849985A2A2   +
DEFAULT MAP DATA   @

1113+***
****

                                 1115 LNAME   DFHMDF POS=(7,26),
X
                                                LENGTH=30,

X

ATTRB=(NORM,PROT),   X

COLOR=TURQUOISE

```
1211+********************************************************************
*********
000126                          1212+LNAME    DS    0C
FIELD NAME                      @08A 01-DFHMD
000126 0000                     1213+         DC    AL2(0)
FIELD PAGE POSITION             @ 01-DFHMD
000128 001E                     1214+         DC    AL2(30)
FIELD LENGTH                    @ 01-DFHMD
00012A 01                       1215+         DC    AL1(1)
FIELD DESCRIPTOR FLAG BYTE      @ 01-DFHMD
00012B 60                       1216+         DC    CL1'-'
FIELD ATTRIBUTE                 @ 01-DFHMD
00012C 01F9                     1217+         DC
AL2(505)       .        FIELD POSITION                @ 01-DFHMD
00012E F5                       1218+         DC    X'F5'
COLOUR ATTRIBUTE                @L3C 01-DFHMD
00012F 00                       1219+         DC    X'00'
HIGHLIGHTING ATTRIBUTE          @L3C 01-DFHMD

1220+********************************************************************
*********

                                1222 FNAME    DFHMDF POS=(8,26),
X
                                              LENGTH=20,
X
```

ATTRB=(NORM,PROT),   X

COLOR=TURQUOISE

```
1318+********************************************************************
*********
```

```
000130                           1319+FNAME   DS    0C
FIELD NAME                       @08A 01-DFHMD
000130 0000                      1320+        DC    AL2(0)
FIELD PAGE POSITION              @ 01-DFHMD
000132 0014                      1321+        DC    AL2(20)
FIELD LENGTH                     @ 01-DFHMD
000134 01                        1322+        DC    AL1(1)
FIELD DESCRIPTOR FLAG BYTE       @ 01-DFHMD
000135 60                        1323+        DC    CL1'-'
FIELD ATTRIBUTE                  @ 01-DFHMD
000136 0249                      1324+        DC
AL2(585)      .         FIELD POSITION                  @ 01-DFHMD
000138 F5                        1325+        DC    X'F5'
COLOUR ATTRIBUTE                 @L3C 01-DFHMD
000139 00                        1326+        DC    X'00'
HIGHLIGHTING ATTRIBUTE           @L3C 01-DFHMD

1327+*********************************************************************
*********

                                 1329 ADDR     DFHMDF POS=(9,26),
X
                                              LENGTH=30,
X

ATTRB=(NORM,PROT),                                    X

COLOR=TURQUOISE

1425+*********************************************************************
*********
00013A                           1426+ADDR   DS    0C
FIELD NAME                       @08A 01-DFHMD
00013A 0000                      1427+        DC    AL2(0)
FIELD PAGE POSITION              @ 01-DFHMD
00013C 001E                      1428+        DC    AL2(30)
FIELD LENGTH                     @ 01-DFHMD
00013E 01                        1429+        DC    AL1(1)
FIELD DESCRIPTOR FLAG BYTE       @ 01-DFHMD
```

```
00013F 60                        1430+          DC    CL1'-'
FIELD ATTRIBUTE                  @ 01-DFHMD
000140 0299                      1431+          DC
AL2(665)      .       FIELD POSITION                @ 01-DFHMD
000142 F5                        1432+          DC    X'F5'
COLOUR ATTRIBUTE                 @L3C 01-DFHMD
000143 00                        1433+          DC    X'00'
HIGHLIGHTING ATTRIBUTE           @L3C 01-DFHMD
```

```
1434+***********************************************************
*********
```

Page   9
  Active Usings: None
  Loc Object Code   Addr1 Addr2 Stmt   Source Statement
HLASM R6.0 2024/11/11 18.45
```
                                 1436 CITY     DFHMDF
POS=(10,26),                                   X
                                               LENGTH=20,
X

ATTRB=(NORM,PROT),                             X

COLOR=TURQUOISE
```

```
1532+***********************************************************
*********
000144                           1533+CITY     DS    0C
FIELD NAME                       @08A 01-DFHMD
000144 0000                      1534+         DC    AL2(0)
FIELD PAGE POSITION              @ 01-DFHMD
000146 0014                      1535+         DC    AL2(20)
FIELD LENGTH                     @ 01-DFHMD
000148 01                        1536+         DC    AL1(1)
FIELD DESCRIPTOR FLAG BYTE       @ 01-DFHMD
000149 60                        1537+         DC    CL1'-'
FIELD ATTRIBUTE                  @ 01-DFHMD
00014A 02E9                      1538+         DC
AL2(745)      .       FIELD POSITION                @ 01-DFHMD
```

```
00014C F5                      1539+       DC    X'F5'
COLOUR ATTRIBUTE               @L3C 01-DFHMD
00014D 00                      1540+       DC    X'00'
HIGHLIGHTING ATTRIBUTE         @L3C 01-DFHMD


1541+*****************************************************************
*********

                               1543 STATE    DFHMDF
POS=(10,47),                                           X
                                             LENGTH=2,
X

ATTRB=(NORM,PROT),                                     X

COLOR=TURQUOISE


1639+*****************************************************************
*********
00014E                         1640+STATE   DS    0C
FIELD NAME                     @08A 01-DFHMD
00014E 0000                    1641+       DC    AL2(0)
FIELD PAGE POSITION            @ 01-DFHMD
000150 0002                    1642+       DC    AL2(2)
FIELD LENGTH                   @ 01-DFHMD
000152 01                      1643+       DC    AL1(1)
FIELD DESCRIPTOR FLAG BYTE     @ 01-DFHMD
000153 60                      1644+       DC    CL1'-'
FIELD ATTRIBUTE                @ 01-DFHMD
000154 02FE                    1645+       DC
AL2(766)      .        FIELD POSITION              @ 01-DFHMD
000156 F5                      1646+       DC    X'F5'
COLOUR ATTRIBUTE               @L3C 01-DFHMD
000157 00                      1647+       DC    X'00'
HIGHLIGHTING ATTRIBUTE         @L3C 01-DFHMD


1648+*****************************************************************
*********
```

```
                              1650 ZIPCODE  DFHMDF
POS=(10,50),                                  X
                                     LENGTH=10,
X

ATTRB=(NORM,PROT),                            X

COLOR=TURQUOISE

1746+****************************************************************
*********
000158                         1747+ZIPCODE  DS     0C
FIELD NAME                     @08A 01-DFHMD
000158 0000                    1748+        DC     AL2(0)
FIELD PAGE POSITION            @ 01-DFHMD
00015A 000A                    1749+        DC     AL2(10)
FIELD LENGTH                   @ 01-DFHMD
00015C 01                      1750+        DC     AL1(1)
FIELD DESCRIPTOR FLAG BYTE     @ 01-DFHMD
00015D 60                      1751+        DC     CL1'-'
FIELD ATTRIBUTE                @ 01-DFHMD
00015E 0301                    1752+        DC
AL2(769)     .      FIELD POSITION              @ 01-DFHMD
000160 F5                      1753+        DC     X'F5'
COLOUR ATTRIBUTE               @L3C 01-DFHMD
000161 00                      1754+        DC     X'00'
HIGHLIGHTING ATTRIBUTE         @L3C 01-DFHMD

1755+****************************************************************
*********

                              1757
********************************************************************
****
                              1758 MESSAGE  DFHMDF POS=(23,1),
X
                                     LENGTH=79,
X
```

ATTRB=(BRT,PROT),   X

Page   10
  Active Usings: None
  Loc Object Code   Addr1 Addr2 Stmt   Source Statement
HLASM R6.0 2024/11/11 18.45
                                                COLOR=YELLOW

1854+***
****
000162   1855+MESSAGE DS   0C
FIELD NAME   @08A 01-DFHMD
000162 0000   1856+   DC   AL2(0)
FIELD PAGE POSITION   @ 01-DFHMD
000164 004F   1857+   DC   AL2(79)
FIELD LENGTH   @ 01-DFHMD
000166 01   1858+   DC   AL1(1)
FIELD DESCRIPTOR FLAG BYTE   @ 01-DFHMD
000167 E8   1859+   DC   CL1'Y'
FIELD ATTRIBUTE   @ 01-DFHMD
000168 06E0   1860+   DC
AL2(1760)   .   FIELD POSITION   @ 01-DFHMD
00016A F6   1861+   DC   X'F6'
COLOUR ATTRIBUTE   @L3C 01-DFHMD
00016B 00   1862+   DC   X'00'
HIGHLIGHTING ATTRIBUTE   @L3C 01-DFHMD

1863+***
****

                              1865   DFHMDF POS=(24,1),
X
                                           LENGTH=20,
X

ATTRB=(NORM,PROT),   X
                                           COLOR=BLUE,
X

INITIAL='F3=Exit   F12=Cancel'

```
1961+****************************************************************
*********
00016C                           1962+        DS    0C
FIELD NAME                       @ 01-DFHMD
00016C 0000                      1963+        DC    AL2(0)
FIELD PAGE POSITION              @ 01-DFHMD
00016E 0014                      1964+        DC    AL2(20)
FIELD LENGTH                     @ 01-DFHMD
000170 02                        1965+        DC    AL1(2)
FIELD DESCRIPTOR FLAG BYTE       @ 01-DFHMD
000171 60                        1966+        DC    CL1'-'
FIELD ATTRIBUTE                  @ 01-DFHMD
000172 0730                      1967+        DC
AL2(1840)    .        FIELD POSITION               @ 01-DFHMD
000174 F1                        1968+        DC    X'F1'
COLOUR ATTRIBUTE            @L3C 01-DFHMD
000175 00                        1969+        DC    X'00'
HIGHLIGHTING ATTRIBUTE     @L3C 01-DFHMD
000176 C6F37EC5A789A340          1970+        DC    CL20'F3=Exit
F12=Cancel'                         X01-DFHMD
00017E 4040C6F1F27EC381              +
DEFAULT MAP DATA                 @

1971+****************************************************************
*********

                                 1973 DUMMY    DFHMDF
POS=(24,79),                                  X
                                              LENGTH=1,
X

ATTRB=(DRK,PROT,FSET),                         X
                                              INITIAL=' '

2068+****************************************************************
*********
00018A                           2069+DUMMY    DS    0C
```

```
FIELD NAME                        @08A 01-DFHMD
00018A 0000                         2070+        DC    AL2(0)
FIELD PAGE POSITION               @ 01-DFHMD
00018C 0001                         2071+        DC    AL2(1)
FIELD LENGTH                       @ 01-DFHMD
00018E 03                           2072+        DC    AL1(3)
FIELD DESCRIPTOR FLAG BYTE         @ 01-DFHMD
00018F 6D                           2073+        DC    CL1'_'
FIELD ATTRIBUTE                    @ 01-DFHMD
000190 077E                         2074+        DC
AL2(1918)    .        FIELD POSITION                @ 01-DFHMD
000192 00                           2075+        DC    X'00'
COLOUR ATTRIBUTE            @L3C 01-DFHMD
000193 00                           2076+        DC    X'00'
HIGHLIGHTING ATTRIBUTE      @L3C 01-DFHMD
000194 40                           2077+        DC    CL1' '
DEFAULT MAP DATA                  @ 01-DFHMD


2078+***************************************************************
*********


                                  2080
***************************************************************
****
                                  2081 INQSF2A  DFHMSD TYPE=FINAL


2267+***************************************************************
*********
```

Page   11
  Active Usings: None
  Loc Object Code   Addr1 Addr2 Stmt   Source Statement
HLASM R6.0 2024/11/11 18.45
```
                      000AA       2268+DFHS1   EQU   170   .
MAP SPECIFICATION LENGTH       02-DFHMD
                      00103       2269+DFHN1   EQU   259
INPUT WORK AREA LENGTH             02-DFHMD
                      0020F       2270+DFHP1   EQU   527
OUTPUT WORK AREA LENGTH            02-DFHMD
```

```
                         0015A           2271+DFHQ1    EQU   346
CURSOR POSITION                   02-DFHMD
                         00000           2272+DFHZ1    EQU   0
count of useredit fields          @0DA 02-DFHMD
                         00010           2273+DFHT1    EQU   16    .
MAP INDICATOR                     02-DFHMD
000195 FFFF                               2274+        DC    2XL1'FF'
END OF MAP                        @ 02-DFHMD
                         00197           2275+DFHXX1   EQU   *
@L8A 02-DFHMD
                         0018B           2276+DFHX1    EQU   DFHXX1-DFHL1
offset of descriptor              @L8A 02-DFHMD
000197 01CA                               2277+        DC    AL2(DFHY1)
@L8A 02-DFHMD
000199 C1C4E2C4                           2278+        DC    C'ADSD'
@L8A 02-DFHMD
00019D 0001                               2279+        DC    AL2(1)
index of map within mapset        @L8A 02-DFHMD
00019F 000A                               2280+        DC    AL2(10)
no of fields in ADS               @L8A 02-DFHMD
0001A1 0108                               2281+        DC    AL2(259+5)
length of ADS                     @L8A 02-DFHMD
0001A3 0002                               2282+        DC    AL2(2)
no of attributes per field        @L8A 02-DFHMD
0001A5 C3C840404040                       2283+        DC    CL6'CH    '
@L8C 02-DFHMD
0001AB 404040404040                       2284+        DC    CL6'      '
@L8C 02-DFHMD
0001B1 D3                                  2285+        DC    CL1'L'
JUSTIFY LEFT or RIGHT             @L8A 02-DFHMD
0001B2 40                                  2286+        DC    CL1' '
JUSTIFY FIRST, LAST or BOTTOM     @L8A 02-DFHMD
0001B3 0001                               2287+        DC    AL2(1)
starting line                     @L8A 02-DFHMD
0001B5 0001                               2288+        DC    AL2(1)
starting column                   @L8A 02-DFHMD
0001B7 0018                               2289+        DC    AL2(24)
no of lines                       @L8A 02-DFHMD
0001B9 0050                               2290+        DC    AL2(80)
```

```
no of columns                   @L8A 02-DFHMD
0001BB C2                          2291+          DC     CL1'B'
Write Control Character         @L8A 02-DFHMD
0001BC 00                          2292+          DC     BL1'00'
align to half-word boundary     @L8A 02-DFHMD
0001BD E3D9C1D5C9C44040            2293+          DC     CL32'TRANID'
field name                      @L8A 02-DFHMD
0001DD 0006                        2294+          DC     AL2(6)
length of field name            @L8A 02-DFHMD
0001DF 0000                        2295+          DC     AL2(0)
index within OCCURS             @L8A 02-DFHMD
0001E1 000C                        2296+          DC     AL2(12)
offset within dsect             @L8A 02-DFHMD
0001E3 0004                        2297+          DC     AL2(4)
length of field                 @L8A 02-DFHMD
0001E5 D3                          2298+          DC     C'L'
field justification (L or R)    @L8A 02-DFHMD
0001E6 40                          2299+          DC     C' '
field fill char (blank or 0)    @L8A 02-DFHMD
0001E7 C3E4E2E3D5D64040            2300+          DC     CL32'CUSTNO'
field name                      @L8A 02-DFHMD
000207 0006                        2301+          DC     AL2(6)
length of field name            @L8A 02-DFHMD
000209 0000                        2302+          DC     AL2(0)
index within OCCURS             @L8A 02-DFHMD
00020B 0015                        2303+          DC     AL2(21)
offset within dsect             @L8A 02-DFHMD
00020D 0006                        2304+          DC     AL2(6)
length of field                 @L8A 02-DFHMD
00020F D3                          2305+          DC     C'L'
field justification (L or R)    @L8A 02-DFHMD
000210 40                          2306+          DC     C' '
field fill char (blank or 0)    @L8A 02-DFHMD
000211 D3D5C1D4C5404040            2307+          DC     CL32'LNAME'
field name                      @L8A 02-DFHMD
000231 0005                        2308+          DC     AL2(5)
length of field name            @L8A 02-DFHMD
000233 0000                        2309+          DC     AL2(0)
index within OCCURS             @L8A 02-DFHMD
```

```
000235 0020                         2310+          DC    AL2(32)
offset within dsect                 @L8A 02-DFHMD
000237 001E                         2311+          DC    AL2(30)
length of field                     @L8A 02-DFHMD
000239 D3                           2312+          DC    C'L'
field justification (L or R)        @L8A 02-DFHMD
00023A 40                           2313+          DC    C' '
field fill char (blank or 0)        @L8A 02-DFHMD
00023B C6D5C1D4C5404040             2314+          DC    CL32'FNAME'
field name                          @L8A 02-DFHMD
00025B 0005                         2315+          DC    AL2(5)
length of field name                @L8A 02-DFHMD
00025D 0000                         2316+          DC    AL2(0)
index within OCCURS                  @L8A 02-DFHMD
00025F 0043                         2317+          DC    AL2(67)
offset within dsect                 @L8A 02-DFHMD
000261 0014                         2318+          DC    AL2(20)
length of field                     @L8A 02-DFHMD
000263 D3                           2319+          DC    C'L'
field justification (L or R)        @L8A 02-DFHMD
000264 40                           2320+          DC    C' '
field fill char (blank or 0)        @L8A 02-DFHMD
000265 C1C4C4D940404040             2321+          DC    CL32'ADDR'
field name                          @L8A 02-DFHMD
000285 0004                         2322+          DC    AL2(4)
length of field name                @L8A 02-DFHMD

Page   12
  Active Usings: None
  Loc  Object Code    Addr1 Addr2  Stmt   Source Statement
HLASM R6.0  2024/11/11 18.45
000287 0000                         2323+          DC    AL2(0)
index within OCCURS                  @L8A 02-DFHMD
000289 005C                         2324+          DC    AL2(92)
offset within dsect                 @L8A 02-DFHMD
00028B 001E                         2325+          DC    AL2(30)
length of field                     @L8A 02-DFHMD
00028D D3                           2326+          DC    C'L'
field justification (L or R)        @L8A 02-DFHMD
```

```
00028E 40                        2327+          DC    C' '
field fill char (blank or 0)     @L8A 02-DFHMD
00028F C3C9E3E840404040          2328+          DC    CL32'CITY'
field name                       @L8A 02-DFHMD
0002AF 0004                      2329+          DC    AL2(4)
length of field name             @L8A 02-DFHMD
0002B1 0000                      2330+          DC    AL2(0)
index within OCCURS              @L8A 02-DFHMD
0002B3 007F                      2331+          DC    AL2(127)
offset within dsect              @L8A 02-DFHMD
0002B5 0014                      2332+          DC    AL2(20)
length of field                  @L8A 02-DFHMD
0002B7 D3                        2333+          DC    C'L'
field justification (L or R)     @L8A 02-DFHMD
0002B8 40                        2334+          DC    C' '
field fill char (blank or 0)     @L8A 02-DFHMD
0002B9 E2E3C1E3C5404040          2335+          DC    CL32'STATE'
field name                       @L8A 02-DFHMD
0002D9 0005                      2336+          DC    AL2(5)
length of field name             @L8A 02-DFHMD
0002DB 0000                      2337+          DC    AL2(0)
index within OCCURS              @L8A 02-DFHMD
0002DD 0098                      2338+          DC    AL2(152)
offset within dsect              @L8A 02-DFHMD
0002DF 0002                      2339+          DC    AL2(2)
length of field                  @L8A 02-DFHMD
0002E1 D3                        2340+          DC    C'L'
field justification (L or R)     @L8A 02-DFHMD
0002E2 40                        2341+          DC    C' '
field fill char (blank or 0)     @L8A 02-DFHMD
0002E3 E9C9D7C3D6C4C540          2342+          DC
CL32'ZIPCODE'        field name                @L8A 02-DFHMD
000303 0007                      2343+          DC    AL2(7)
length of field name             @L8A 02-DFHMD
000305 0000                      2344+          DC    AL2(0)
index within OCCURS              @L8A 02-DFHMD
000307 009F                      2345+          DC    AL2(159)
offset within dsect              @L8A 02-DFHMD
000309 000A                      2346+          DC    AL2(10)
```

Page 36

length of field   @L8A 02-DFHMD
00030B D3   2347+   DC   C'L'
field justification (L or R)   @L8A 02-DFHMD
00030C 40   2348+   DC   C' '
field fill char (blank or 0)   @L8A 02-DFHMD
00030D D4C5E2E2C1C7C540   2349+   DC
CL32'MESSAGE'   field name   @L8A 02-DFHMD
00032D 0007   2350+   DC   AL2(7)
length of field name   @L8A 02-DFHMD
00032F 0000   2351+   DC   AL2(0)
index within OCCURS   @L8A 02-DFHMD
000331 00AE   2352+   DC   AL2(174)
offset within dsect   @L8A 02-DFHMD
000333 004F   2353+   DC   AL2(79)
length of field   @L8A 02-DFHMD
000335 D3   2354+   DC   C'L'
field justification (L or R)   @L8A 02-DFHMD
000336 40   2355+   DC   C' '
field fill char (blank or 0)   @L8A 02-DFHMD
000337 C4E4D4D4E8404040   2356+   DC   CL32'DUMMY'
field name   @L8A 02-DFHMD
000357 0005   2357+   DC   AL2(5)
length of field name   @L8A 02-DFHMD
000359 0000   2358+   DC   AL2(0)
index within OCCURS   @L8A 02-DFHMD
00035B 0102   2359+   DC   AL2(258)
offset within dsect   @L8A 02-DFHMD
00035D 0001   2360+   DC   AL2(1)
length of field   @L8A 02-DFHMD
00035F D3   2361+   DC   C'L'
field justification (L or R)   @L8A 02-DFHMD
000360 40   2362+   DC   C' '
field fill char (blank or 0)   @L8A 02-DFHMD
                     00361   2363+DFHR1 EQU   *
END OF MAP   02-DFHMD
                     001CA   2364+DFHY1 EQU   DFHR1-DFHXX1
length of descriptor   @L8A 02-DFHMD
                     00355   2365+DFHM1 EQU   DFHR1-DFHL1
MAP LENGTH   02-DFHMD

```
                        00000           2366+DFHU0     EQU   0
OVERFLOW TRAILER LEN.                    02-DFHMD
000361 FFFFFFFF                          2367+         DC    4X'FF'
END OF MAPSET                   @BBAD31J 02-DFHMD


2368+*****************************************************************
*********

                                2463           END
```

                                  Ordinary Symbol and Literal Cross
Reference   Page   13
Symbol   Length   Value   Id   R Type Asm Program   Defn
References   HLASM R6.0   2024/11/11 18.45

Symbol	Length	Value	Id	R	Type	Asm	Program	Defn	References	
DFHK1	1	0000004F	00000001	A	U			247	209	
DFHL1	1	0000000C	00000001		U			208	247	
2276	2365									
DFHM1	1	00000355	00000001	A	U			2365	214	
DFHN1	1	00000103	00000001	A	U			2269	216	
DFHP1	1	0000020F	00000001	A	U			2270	217	
DFHQ1	1	0000015A	00000001	A	U			2271	220	
DFHR1	1	00000361	00000001		U			2363	2364	
2365										
DFHS1	1	000000AA	00000001	A	U			2268	215	
DFHT1	1	00000010	00000001	A	U			2273	226	
DFHU0	1	00000000	00000001	A	U			2366	107	
DFHXX1	1	00000197	00000001		U			2275	2276	
2364										
DFHX1	1	0000018B	00000001	A	U			2276	233	
DFHY1	1	000001CA	00000001	A	U			2364	2277	
DFHZ1	1	00000000	00000001	A	U			2272	230	
INQSF2AM	1	00000000	00000001		J			102	103	
104										

                                  Unreferenced Symbols Defined in
CSECTs   Page   14
  Defn Symbol
HLASM R6.0   2024/11/11 18.45
  1426 ADDR

```
1533  CITY
 889  CUSTNO
2069  DUMMY
1319  FNAME
 207  INQMF2A
1212  LNAME
1855  MESSAGE
 105  MSD0001
1640  STATE
 564  TRANID
1747  ZIPCODE
```

                                        Macro and Copy Code
Source Summary   Page   15
 Con Source   Volume
Members   HLASM R6.0 2024/11/11 18.45
  L1 DFH610.CICS.SDFHMAC   VTDFHL
DFHANRAT DFHANRWC DFHCOPYR DFHGDEFS DFHMDF   DFHMDI
                                                      DFHMSD

DFHPRMCK DFHSYS

                                        General Purpose Register Cross
Reference   Page   16
 Register References (M=modified, B=branch, U=USING, D=DROP,
N=index)   HLASM R6.0 2024/11/11 18.45
    0(0)   (no references identified)
    1(1)   (no references identified)
    2(2)   (no references identified)
    3(3)   (no references identified)
    4(4)   (no references identified)
    5(5)   (no references identified)
    6(6)   (no references identified)
    7(7)   (no references identified)
    8(8)   (no references identified)
    9(9)   (no references identified)
   10(A)   (no references identified)
   11(B)   (no references identified)
   12(C)   (no references identified)
   13(D)   (no references identified)

     14(E)   (no references identified)
     15(F)   (no references identified)

                                  Diagnostic Cross Reference and
Assembler Summary   Page   17

HLASM R6.0 2024/11/11 18.45
     No Statements Flagged in this Assembly
HIGH LEVEL ASSEMBLER, 5696-234, RELEASE 6.0, PTF UI93396
SYSTEM: z/OS 02.05.00   JOBNAME: INQSBF2A   STEPNAME:
MAPSET   PROCSTEP: ASMMAP
Unicode Module: ASMA047C   From Page   1148   To Page   17584
ECECP: International 1
Data Sets Allocated for this Assembly
 Con DDname   Data Set Name   Volume
Member
  P1 SYSIN   SYS24316.T184557.RA000.INQSBF2A.TEMPM.H01   KCTR01
  L1 SYSLIB   DFH610.CICS.SDFHMAC   VTDFHL
  L2   SYS1.MACLIB   VTMVSC
     SYSPRINT KC03F2A.INQSBF2A.JOB02025.D0000102.?
     SYSPUNCH SYS24316.T184557.RA000.INQSBF2A.MAP.H01   KCTR01

  26864K allocated to Buffer Pool   Storage required   980K
    96 Primary Input Records Read   6959 Library Records
Read   0 Work File Reads
     0 ASMAOPT Records Read   629 Primary Print
Records Written   0 Work File Writes
    18 Object Records Written   0 ADATA Records
Written
Assembly Start Time: 18.45.59 Stop Time: 18.45.59 Processor Time:
01.11.34.9672
Return Code 000
z/OS V2 R5 BINDER   18:45:59 MONDAY NOVEMBER 11, 2024
BATCH EMULATOR JOB(INQSBF2A) STEP(MAPSET) PGM= IEWL
PROCEDURE(LINKMAP)
IEW2278I B352 INVOCATION PARAMETERS —
LIST,LET,XREF,RMODE(24),AMODE(31)
IEW2650I 5102 MODULE ENTRY NOT PROVIDED. ENTRY DEFAULTS TO SECTION
INQSF2AM.

                            Page 40

                         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 |
                                              |
|
*** NO ADDRESS CONSTANTS FOR THIS CLASS   ***
                         *** 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   31
    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                 08
     LINECT              060
     LIST                SUMMARY
     LISTPRIV            NO
     LONGPARM            NO
     MAP                 NO
     MAXBLK              032760
     MODMAP              NO
     MSGLEVEL            00
     OVLY                NO
     PRINT               YES
     RES                 NO
     REUSABILITY         UNSPECIFIED
     RMODE                24,INITIAL
     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         INQSF2A
```

```
   LOAD LIBRARY         TSOECCC.CICSTS12.STUDENT.LOADLIB
   PROGRAM TYPE         PROGRAM OBJECT(FORMAT 2)
   VOLUME SERIAL        KCTR12
   DISPOSITION          ADDED NEW
   TIME OF SAVE         18.45.59  NOV 11, 2024


   SAVE MODULE ATTRIBUTES:

   AC                   000
   AMODE                 31
   COMPRESSION          NONE
   DC                   NO
   EDITABLE             YES
   EXCEEDS 16MB         NO
   EXECUTABLE           YES
   LONGPARM             NO
   MIGRATABLE           YES
   OL                   NO
   OVLY                 NO
   PACK,PRIME           NO,NO
   PAGE ALIGN           NO
   REFR                 NO
   RENT                 NO
   REUS                 NO
   RMODE                 24
   SCTR                 NO
   SIGN                 NO
   SSI
   SYM GENERATED        NO
   TEST                 NO
   XPLINK               NO
   MODULE SIZE (HEX)    00000368
   DASD SIZE (HEX)      00001000


  ENTRY POINT AND ALIAS SUMMARY:

  NAME:              ENTRY TYPE AMODE C_OFFSET CLASS NAME
```

STATUS

 INQSF2AM   MAIN_EP   31 00000000 B_TEXT

                        *** 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   18:45:59 MONDAY NOVEMBER 11, 2024
BATCH EMULATOR JOB(INQSBF2A) STEP(MAPSET) PGM= IEWL
PROCEDURE(LINKMAP)
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 2650

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

HLASM R6.0 2024/11/11 18.46
  No Overriding ASMAOPT Parameters
  Overriding Parameters— SYSPARM(DSECT),DECK,NOOBJECT
  No Process Statements

  Options for this Assembly
                        NOADATA
                          ALIGN
                        NOASA
                          ASCII(00819)
                          BATCH
                          CA(LOCAL)
                          CE(LOCAL)
                          CODEPAGE(01148)
                        NOCOMPAT
                          CU(LOCAL)
                        NODATAMAP
                        NODBCS
3 PARM/OPTION   DECK
                          DXREF
                          EBCDIC(00037)
                          ESD
                        NOEXIT
                          FAIL(NOMSG,NOMNOTE,MAXERRS(500))

FLAG(0,ALIGN,CONT,EXLITW,NOIMPLEN,NOLONGER,NOPAGE0,PUSH,RECORD,RENT
,NOSIGNED,NOSUBSTR,NOTRUNC,
                            USING0)
                        NOFOLD
                        NOGOFF
                          ILMA
                        NOINFO
                          LANGUAGE(EN)
                        NOLIBMAC
                          LINECOUNT(60)

                        Page 45

```
                             LIST(121)
                             MACHINE(,NOLIST)
                             MXREF(SOURCE)
3 PARM/OPTION        NOOBJECT
                             OPTABLE(UNI,NOLIST)
                          NOPCONTROL
                          NOPESTOP
                          NOPROFILE
                          NORA2
                          NORENT
                             RLD
                             RXREF
                             SECTALGN(8)
                             SIZE(MAX)
                          NOSUPRWARN
3 PARM/OPTION         SYSPARM(DSECT)
                          NOTERM
                          NOTEST
                             THREAD
                          NOTRANSLATE
                             TYPECHECK(MAGNITUDE,REGISTER,SIGNED)
                             UNICODE(01200)
```

                                          High Level Assembler
Option Summary   (PTF UI93396)   Page   2

HLASM R6.0 2024/11/11 18.46
```
                             USING(NOLIMIT,MAP,WARN(15))
                          NOWORKFILE
                             XREF(SHORT,UNREFS)
```

   No Overriding DD Names

Page   3
  Active Usings: None
  Loc Object Code   Addr1 Addr2 Stmt   Source Statement
HLASM R6.0 2024/11/11 18.46
                                     1 *   PRINT NOGEN

```
                              2 INQSF2A  DFHMSD
TYPE=&SYSPARM,                             X
                                          LANG=COBOL,
X
                                          MODE=INOUT,
X
                                          TERM=3270-2,
X
                                          CTRL=FREEKB,
X

STORAGE=AUTO,                              X
                                          TIOAPFX=YES,
X

MAPATTS=(COLOR,HILIGHT),                   X

DSATTS=(COLOR,HILIGHT)
                              101
********************************************************************
****
                              102 INQMF2A  DFHMDI
SIZE=(24,80),                             X
                                          LINE=1,
X
                                          COLUMN=1
                              195+        PUNCH '        01
INQMF2AI.'              @ 01-DFHMD
                              196+        PUNCH '
02  FILLER PIC X(12).'      @BB6D00T 01-DFHMD
                              197
********************************************************************
****
                              198         DFHMDF POS=(1,1),
X
                                          LENGTH=7,
X
ATTRB=(NORM,PROT),                             X
```

                                                  COLOR=BLUE,
X

INITIAL='INQMF2A'
                                     294   DFHMDF POS=(1,20),
X
                                                  LENGTH=16,
X

ATTRB=(NORM,PROT),   X
                                                  COLOR=GREEN,
X

INITIAL='Customer Inquiry'
                                     390 TRANID   DFHMDF POS=(1,76),
X
                                                  LENGTH=4,
X

ATTRB=(NORM,PROT),   X
                                                  COLOR=BLUE,
X

INITIAL='IF2A'
                                     486+   PUNCH '
02 TRANIDL   COMP PIC S9(4). '   @BBD5E01 01-DFHMD
                                     487+   PUNCH '
02 TRANIDF   PICTURE X.'   @BBD5E01 01-DFHMD
                                     488+   PUNCH '
02 FILLER REDEFINES TRANIDF.'   @BM13780 01-DFHMD
                                     489+   PUNCH '
03 TRANIDA   PICTURE X.'   @BM13780 01-DFHMD
                                     490+   PUNCH '
02 FILLER   PICTURE X(2).'   @L3C 01-DFHMD
                                     491+   PUNCH '
02 TRANIDI PIC X(4).'   @BBD5E01 01-DFHMD
                                     492

****
****

```
                                         493           DFHMDF POS=(3,1),
X
                                                       LENGTH=42,
X

ATTRB=(NORM,PROT),                                     X

COLOR=NEUTRAL,                                          X

INITIAL='Type a customer number.  Then press Enter.'
                                         589           DFHMDF POS=(5,1),
X
                                                       LENGTH=24,
X

ATTRB=(NORM,PROT),                                     X
                                                       COLOR=GREEN,
X

INITIAL='Customer number. . . . .'
                                         685 CUSTNO    DFHMDF POS=(5,26),
X
                                                       LENGTH=6,
X

ATTRB=(NORM,UNPROT,IC),                                X

COLOR=TURQUOISE,                                        X

INITIAL='_____'
                                         781+          PUNCH '
02  CUSTNOL    COMP  PIC  S9(4). '  @BBD5E01 01-DFHMD
```

Page   4
  Active Usings: None
  Loc Object Code   Addr1 Addr2 Stmt   Source Statement
HLASM R6.0 2024/11/11 18.46
                                         782+   PUNCH '
02 CUSTNOF   PICTURE X.'   @BBD5E01 01-DFHMD

```
                                         783+           PUNCH '
02  FILLER REDEFINES CUSTNOF.'           @BM13780 01-DFHMD
                                         784+           PUNCH '
03 CUSTNOA     PICTURE X.'               @BM13780 01-DFHMD
                                         785+           PUNCH '
02  FILLER   PICTURE X(2).'                 @L3C 01-DFHMD
                                         786+           PUNCH '
02  CUSTNOI  PIC X(6).'                  @BBD5E01 01-DFHMD
                                         787           DFHMDF POS=(5,33),
X
                                                       LENGTH=1,
X
                                                       ATTRB=ASKIP
                                         882
********************************************************************
****
                                         883           DFHMDF POS=(7,1),
X
                                                       LENGTH=24,
X
ATTRB=(NORM,PROT),                                       X
                                                       COLOR=GREEN,
X
INITIAL='Name and address . . . :'
                                         979 LNAME     DFHMDF POS=(7,26),
X
                                                       LENGTH=30,
X
ATTRB=(NORM,PROT),                                       X
COLOR=TURQUOISE
                                         1075+          PUNCH '
02  LNAMEL    COMP  PIC  S9(4). '        @BBD5E01 01-DFHMD
                                         1076+          PUNCH '
02  LNAMEF    PICTURE X.'                @BBD5E01 01-DFHMD
                                         1077+          PUNCH '
```

```
02  FILLER REDEFINES LNAMEF.'      @BM13780 01-DFHMD
                                  1078+          PUNCH '
03 LNAMEA     PICTURE X.'        @BM13780 01-DFHMD
                                  1079+          PUNCH '
02  FILLER   PICTURE X(2).'          @L3C 01-DFHMD
                                  1080+          PUNCH '
02  LNAMEI  PIC X(30).'           @BBD5E01 01-DFHMD
                                  1081 FNAME     DFHMDF POS=(8,26),
X
                                             LENGTH=20,
X

ATTRB=(NORM,PROT),                               X

COLOR=TURQUOISE
                                  1177+          PUNCH '
02  FNAMEL    COMP  PIC  S9(4). '   @BBD5E01 01-DFHMD
                                  1178+          PUNCH '
02  FNAMEF    PICTURE X.'           @BBD5E01 01-DFHMD
                                  1179+          PUNCH '
02  FILLER REDEFINES FNAMEF.'      @BM13780 01-DFHMD
                                  1180+          PUNCH '
03 FNAMEA     PICTURE X.'        @BM13780 01-DFHMD
                                  1181+          PUNCH '
02  FILLER   PICTURE X(2).'          @L3C 01-DFHMD
                                  1182+          PUNCH '
02  FNAMEI  PIC X(20).'           @BBD5E01 01-DFHMD
                                  1183 ADDR      DFHMDF POS=(9,26),
X
                                             LENGTH=30,
X

ATTRB=(NORM,PROT),                               X

COLOR=TURQUOISE
                                  1279+          PUNCH '
02  ADDRL    COMP  PIC  S9(4). '   @BBD5E01 01-DFHMD
                                  1280+          PUNCH '
02  ADDRF    PICTURE X.'            @BBD5E01 01-DFHMD
```

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```
                                        1281+          PUNCH '
02  FILLER REDEFINES ADDRF.'             @BM13780 01-DFHMD
                                        1282+          PUNCH '
03 ADDRA    PICTURE X.'                 @BM13780 01-DFHMD
                                        1283+          PUNCH '
02  FILLER   PICTURE X(2).'                 @L3C 01-DFHMD
                                        1284+          PUNCH '
02  ADDRI  PIC X(30).'                   @BBD5E01 01-DFHMD
                                        1285 CITY    DFHMDF
POS=(10,26),                                             X

X

ATTRB=(NORM,PROT),                                        X

COLOR=TURQUOISE
                                        1381+          PUNCH '
02  CITYL    COMP  PIC  S9(4). '         @BBD5E01 01-DFHMD
                                        1382+          PUNCH '
02  CITYF    PICTURE X.'                 @BBD5E01 01-DFHMD
                                        1383+          PUNCH '
02  FILLER REDEFINES CITYF.'             @BM13780 01-DFHMD
                                        1384+          PUNCH '
03 CITYA    PICTURE X.'                 @BM13780 01-DFHMD
                                        1385+          PUNCH '
02  FILLER   PICTURE X(2).'                 @L3C 01-DFHMD
                                        1386+          PUNCH '
02  CITYI  PIC X(20).'                   @BBD5E01 01-DFHMD
                                        1387 STATE   DFHMDF
POS=(10,47),                                             X
```

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  Active Usings: None
  Loc Object Code   Addr1 Addr2 Stmt   Source Statement
HLASM R6.0 2024/11/11 18.46
```
                                             LENGTH=2,
X

ATTRB=(NORM,PROT),                                        X
```

COLOR=TURQUOISE
```
                                 1483+          PUNCH '
02  STATEL    COMP  PIC  S9(4). '  @BBD5E01 01—DFHMD
                                 1484+          PUNCH '
02  STATEF    PICTURE X.'         @BBD5E01 01—DFHMD
                                 1485+          PUNCH '
02  FILLER REDEFINES STATEF.'     @BM13780 01—DFHMD
                                 1486+          PUNCH '
03 STATEA    PICTURE X.'        @BM13780 01—DFHMD
                                 1487+          PUNCH '
02  FILLER  PICTURE X(2).'          @L3C 01—DFHMD
                                 1488+          PUNCH '
02  STATEI  PIC X(2).'            @BBD5E01 01—DFHMD
                                 1489 ZIPCODE   DFHMDF
```
POS=(10,50),   X
                                             LENGTH=10,
X

ATTRB=(NORM,PROT),   X

COLOR=TURQUOISE
```
                                 1585+          PUNCH '
02  ZIPCODEL    COMP  PIC  S9(4). ' @BBD5E01 01—DFHMD
                                 1586+          PUNCH '
02  ZIPCODEF    PICTURE X.'         @BBD5E01 01—DFHMD
                                 1587+          PUNCH '
02  FILLER REDEFINES ZIPCODEF.'     @BM13780 01—DFHMD
                                 1588+          PUNCH '
03 ZIPCODEA    PICTURE X.'        @BM13780 01—DFHMD
                                 1589+          PUNCH '
02  FILLER  PICTURE X(2).'          @L3C 01—DFHMD
                                 1590+          PUNCH '
02  ZIPCODEI  PIC X(10).'          @BBD5E01 01—DFHMD
                                 1591
```
****
****
```
                                 1592 MESSAGE   DFHMDF POS=(23,1),
```
X

                                                  LENGTH=79,
X

ATTRB=(BRT,PROT),   X
                                                  COLOR=YELLOW
                                         1688+   PUNCH '
02 MESSAGEL   COMP PIC S9(4). ' @BBD5E01 01-DFHMD
                                         1689+   PUNCH '
02 MESSAGEF   PICTURE X.'   @BBD5E01 01-DFHMD
                                         1690+   PUNCH '
02 FILLER REDEFINES MESSAGEF.'   @BM13780 01-DFHMD
                                         1691+   PUNCH '
03 MESSAGEA   PICTURE X.'   @BM13780 01-DFHMD
                                         1692+   PUNCH '
02 FILLER   PICTURE X(2).'   @L3C 01-DFHMD
                                         1693+   PUNCH '
02 MESSAGEI PIC X(79).'   @BBD5E01 01-DFHMD
                                         1694   DFHMDF POS=(24,1),
X

                                                  LENGTH=20,
X

ATTRB=(NORM,PROT),   X
                                                  COLOR=BLUE,
X

INITIAL='F3=Exit   F12=Cancel'
                                         1790 DUMMY   DFHMDF
POS=(24,79),   X
                                                  LENGTH=1,
X

ATTRB=(DRK,PROT,FSET),   X
                                                  INITIAL=' '
                                         1885+   PUNCH '
02 DUMMYL   COMP PIC S9(4). '   @BBD5E01 01-DFHMD
                                         1886+   PUNCH '
02 DUMMYF   PICTURE X.'   @BBD5E01 01-DFHMD
                                         1887+   PUNCH '

02 FILLER REDEFINES DUMMYF.'   @BM13780 01-DFHMD
                                    1888+   PUNCH '
03 DUMMYA   PICTURE X.'   @BM13780 01-DFHMD
                                    1889+   PUNCH '
02 FILLER   PICTURE X(2).'   @L3C 01-DFHMD
                                    1890+   PUNCH '
02 DUMMYI PIC X(1).'   @BBD5E01 01-DFHMD
                                    1891

****
****
                                    1892 INQSF2A   DFHMSD TYPE=FINAL
                                    2078+   PUNCH '   01
INQMF2AO REDEFINES INQMF2AI.'   @ 02-DFHMD
                                    2079+   PUNCH '
02 FILLER PIC X(12).'   @BB6D00T 02-DFHMD
                                    2080+   PUNCH '
02 FILLER PICTURE X(3).'   @BM13780 02-DFHMD
                                    2081+   PUNCH '
02 TRANIDC   PICTURE X.'   @L3A 02-DFHMD
                                    2082+   PUNCH '
02 TRANIDH   PICTURE X.'   @L3A 02-DFHMD
                                    2083+   PUNCH '
02 TRANIDO PIC X(4).'   @BBD5E01 02-DFHMD
                                    2084+   PUNCH '
02 FILLER PICTURE X(3).'   @BM13780 02-DFHMD
                                    2085+   PUNCH '
02 CUSTNOC   PICTURE X.'   @L3A 02-DFHMD

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  Active Usings: None
  Loc Object Code   Addr1 Addr2 Stmt   Source Statement
HLASM R6.0 2024/11/11 18.46
                                    2086+   PUNCH '
02 CUSTNOH   PICTURE X.'   @L3A 02-DFHMD
                                    2087+   PUNCH '
02 CUSTNOO PIC X(6).'   @BBD5E01 02-DFHMD
                                    2088+   PUNCH '
02 FILLER PICTURE X(3).'   @BM13780 02-DFHMD
                                    2089+   PUNCH '

```
02  LNAMEC    PICTURE X.'            @L3A 02-DFHMD
                                  2090+         PUNCH '
02  LNAMEH    PICTURE X.'            @L3A 02-DFHMD
                                  2091+         PUNCH '
02  LNAMEO  PIC X(30).'          @BBD5E01 02-DFHMD
                                  2092+         PUNCH '
02  FILLER PICTURE X(3).'        @BM13780 02-DFHMD
                                  2093+         PUNCH '
02  FNAMEC    PICTURE X.'            @L3A 02-DFHMD
                                  2094+         PUNCH '
02  FNAMEH    PICTURE X.'            @L3A 02-DFHMD
                                  2095+         PUNCH '
02  FNAMEO  PIC X(20).'          @BBD5E01 02-DFHMD
                                  2096+         PUNCH '
02  FILLER PICTURE X(3).'        @BM13780 02-DFHMD
                                  2097+         PUNCH '
02  ADDRC     PICTURE X.'            @L3A 02-DFHMD
                                  2098+         PUNCH '
02  ADDRH     PICTURE X.'            @L3A 02-DFHMD
                                  2099+         PUNCH '
02  ADDRO  PIC X(30).'           @BBD5E01 02-DFHMD
                                  2100+         PUNCH '
02  FILLER PICTURE X(3).'        @BM13780 02-DFHMD
                                  2101+         PUNCH '
02  CITYC     PICTURE X.'            @L3A 02-DFHMD
                                  2102+         PUNCH '
02  CITYH     PICTURE X.'            @L3A 02-DFHMD
                                  2103+         PUNCH '
02  CITYO  PIC X(20).'           @BBD5E01 02-DFHMD
                                  2104+         PUNCH '
02  FILLER PICTURE X(3).'        @BM13780 02-DFHMD
                                  2105+         PUNCH '
02  STATEC    PICTURE X.'            @L3A 02-DFHMD
                                  2106+         PUNCH '
02  STATEH    PICTURE X.'            @L3A 02-DFHMD
                                  2107+         PUNCH '
02  STATEO  PIC X(2).'           @BBD5E01 02-DFHMD
                                  2108+         PUNCH '
02  FILLER PICTURE X(3).'        @BM13780 02-DFHMD
```

```
                                             2109+          PUNCH '
02  ZIPCODEC    PICTURE X.'                     @L3A 02-DFHMD
                                             2110+          PUNCH '
02  ZIPCODEH    PICTURE X.'                     @L3A 02-DFHMD
                                             2111+          PUNCH '
02  ZIPCODEO  PIC X(10).'                     @BBD5E01 02-DFHMD
                                             2112+          PUNCH '
02  FILLER PICTURE X(3).'                     @BM13780 02-DFHMD
                                             2113+          PUNCH '
02  MESSAGEC    PICTURE X.'                     @L3A 02-DFHMD
                                             2114+          PUNCH '
02  MESSAGEH    PICTURE X.'                     @L3A 02-DFHMD
                                             2115+          PUNCH '
02  MESSAGEO  PIC X(79).'                     @BBD5E01 02-DFHMD
                                             2116+          PUNCH '
02  FILLER PICTURE X(3).'                     @BM13780 02-DFHMD
                                             2117+          PUNCH '
02  DUMMYC    PICTURE X.'                     @L3A 02-DFHMD
                                             2118+          PUNCH '
02  DUMMYH    PICTURE X.'                     @L3A 02-DFHMD
                                             2119+          PUNCH '
02  DUMMYO  PIC X(1).'                         @BBD5E01 02-DFHMD
                                             2213          END
```

```
                                       Macro and Copy Code
Source Summary                              Page     7
 Con Source                                 Volume
Members                        HLASM R6.0   2024/11/11 18.46
  L1 DFH610.CICS.SDFHMAC                     VTDFHL
DFHANRAT DFHANRWC DFHCOPYR DFHGDEFS DFHMDF    DFHMDI
                                                       DFHMSD
DFHPRMCK DFHSYS
```

```
                                       General Purpose Register Cross
Reference                                   Page     8
 Register  References (M=modified, B=branch, U=USING, D=DROP,
N=index)                        HLASM R6.0   2024/11/11 18.46
    0(0)    (no references identified)
    1(1)    (no references identified)
```

```
 2(2)     (no references identified)
 3(3)     (no references identified)
 4(4)     (no references identified)
 5(5)     (no references identified)
 6(6)     (no references identified)
 7(7)     (no references identified)
 8(8)     (no references identified)
 9(9)     (no references identified)
10(A)     (no references identified)
11(B)     (no references identified)
12(C)     (no references identified)
13(D)     (no references identified)
14(E)     (no references identified)
15(F)     (no references identified)
```

                                  Diagnostic Cross Reference and
Assembler Summary   Page   9

HLASM R6.0 2024/11/11 18.46
    No Statements Flagged in this Assembly
HIGH LEVEL ASSEMBLER, 5696-234, RELEASE 6.0, PTF UI93396
SYSTEM: z/OS 02.05.00   JOBNAME: INQSBF2A   STEPNAME:
MAPSET   PROCSTEP: ASMDSECT
Unicode Module: ASMA047C   From Page   1148   To Page   17584
ECECP: International 1
Data Sets Allocated for this Assembly
 Con DDname   Data Set Name   Volume
Member
  P1 SYSIN   SYS24316.T184557.RA000.INQSBF2A.TEMPM.H01   KCTR01
  L1 SYSLIB   DFH610.CICS.SDFHMAC   VTDFHL
  L2   SYS1.MACLIB   VTMVSC
     SYSPRINT KC03F2A.INQSBF2A.JOB02025.D0000104.?
     SYSPUNCH KC03F2A.DCMAFD02.A5P1.COBOL   KCTR57
INQSF2A

  26836K allocated to Buffer Pool   Storage required   976K
    96 Primary Input Records Read   6959 Library Records
Read   0 Work File Reads
     0 ASMAOPT Records Read   324 Primary Print

Records Written   0 Work File Writes
    104 Object Records Written   0 ADATA Records
Written
Assembly Start Time: 18.46.00 Stop Time: 18.46.00 Processor Time:
01.11.34.9672
Return Code 000