

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

13.54.20 JOB04854 ----- FRIDAY, 22 NOV 2024 -----

13.54.20 JOB04854 IRR010I USERID KC03F2A IS ASSIGNED TO THIS JOB.

13.54.21 JOB04854 ICH70001I KC03F2A LAST ACCESS AT 13:53:50 ON FRIDAY, NOVEMBER 22, 2024

13.54.21 JOB04854 \$HASP373 MNTSBF2A STARTED - INIT 1 - CLASS A - SYS 8561

13.54.22 JOB04854 -

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

-----PAGING

				RC	EXCP	CONN	TCB
13.54.22	JOB04854	-STEPNAME PROCSTEP					
SRB	CLOCK	SERV WORKLOAD	PAGE	SWAP	VIO	SWAPS	
13.54.22	JOB04854	-MAPSET COPY		00	77	3	.00
.00	.0	6 BATCH	0	0	0	0	
13.54.22	JOB04854	-MAPSET ASMMAP		00	167	17	.00
.00	.0	18 BATCH	0	0	0	0	
13.54.23	JOB04854	-MAPSET LINKMAP		00	86	4	.00
.00	.0	5 BATCH	0	0	0	0	
13.54.24	JOB04854	-MAPSET ASMDSECT		00	176	16	.00
.00	.0	16 BATCH	0	0	0	0	
13.54.24	JOB04854	-MNTSBF2A ENDED. NAME-					
TOTAL TCB CPU TIME= .00 TOTAL ELAPSED TIME= .0							
13.54.24	JOB04854	\$HASP395 MNTSBF2A ENDED - RC=0000					

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

22 NOV 2024 JOB EXECUTION DATE
33 CARDS READ
2,121 SYSOUT PRINT RECORDS
0 SYSOUT PUNCH RECORDS
212 SYSOUT SPOOL KBYTES
0.05 MINUTES EXECUTION TIME
1 //MNTSBF2A JOB

JOB04854

//

**

//* 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.A5P3.BMS',
      /** MAPNAME='MNTSF2A',
      /** DSCTLIB='KC03F2A.DCMAFD02.A5P3.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*      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.A5P3.BMS(MNTSF2A),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

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      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=TS0ECCC.CICSTS12.STUDENT.LOADLIB(MNTSF2A),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=*

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```
26 XXSYSLIB DD DSN=&INDEX..SDFHMAC,DISP=SHR
   IEF653I 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))
   IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,5))
29 XXSYSUT2 DD UNIT=&WORK,SPACE=(CYL,(5,5))
   IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,5))
30 XXSYSUT3 DD UNIT=&WORK,SPACE=(CYL,(5,5))
   IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,5))
31 //ASMDSECT.SYSPUNCH DD DSN=&DSCTLIB(&MAPNAME)
   IEF653I SUBSTITUTION JCL -
DSN=KC03F2A.DCMAFD02.A5P3.COBOL(MNTSF2A)
   X/SYSPUNCH DD DSN=&DSCTLIB(&MAPNAME),DISP=OLD
   IEF653I SUBSTITUTION JCL -
DSN=KC03F2A.DCMAFD02.A5P3.COBOL(MNTSF2A),DISP=OLD
32 XXSYSIN DD DSN=&&TEMPM,DISP=(OLD,DELETE)
STMT NO. MESSAGE
3 IEF001I PROCEDURE DFHMAPS WAS EXPANDED USING SYSTEM
LIBRARY VENDOR.PROCLIB
ICH70001I KC03F2A LAST ACCESS AT 13:53:50 ON FRIDAY, NOVEMBER 22,
2024
IEFA111I MNTSBF2A IS USING THE FOLLOWING JOB RELATED SETTINGS:
SWA=ABOVE,TIOT SIZE=32K,DSNQSHR=DISALLOW,GDGBIAS=JOB
IEF236I ALLOC. FOR MNTSBF2A COPY MAPSET
IEF237I JES2 ALLOCATED TO SYSPRINT
IGD101I SMS ALLOCATED TO DDNAME (SYSUT2 )
DSN (SYS24327.T135421.RA000.MNTSBF2A.TEMPM.H01 )
STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
VOL SER NOS= KCTR01
IEF237I DMY ALLOCATED TO SYSIN
IGD103I SMS ALLOCATED TO DDNAME SYSUT1
IEF142I MNTSBF2A COPY MAPSET - STEP WAS EXECUTED - COND CODE 0000
IEF285I KC03F2A.MNTSBF2A.JOB04854.D0000101.? SYSOUT
IGD106I SYS24327.T135421.RA000.MNTSBF2A.TEMPM.H01 PASSED,
DDNAME=SYSUT2
IGD104I KC03F2A.DCMAFD02.A5P3.BMS RETAINED,
DDNAME=SYSUT1
IEF373I STEP/COPY /START 2024327.1354
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IEF032I STEP/COPY      /STOP  2024327.1354
        CPU:          0 HR   00 MIN   00.00 SEC      SRB:          0 HR   00 MIN
00.00 SEC
        VIRT:    192K  SYS:    260K  EXT:          12K  SYS:    11288K
        ATB- REAL:                      1268K  SLOTS:
OK
                VIRT- ALLOC:          16M  SHRD:          0M
IEF236I ALLOC. FOR MNTSBF2A ASMMAP MAPSET
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I 1847 ALLOCATED TO SYSLIB
IEF237I 1001 ALLOCATED TO
IGD101I SMS ALLOCATED TO DDNAME (SYSUT1  )
        DSN (SYS24327.T135421.RA000.MNTSBF2A.R0120143      )
        STORCLAS (TEMPSC) MGMTCLAS (          ) DATACLAS (          )
        VOL SER NOS= KCTR01
IGD101I SMS ALLOCATED TO DDNAME (SYSUT2  )
        DSN (SYS24327.T135421.RA000.MNTSBF2A.R0120144      )
        STORCLAS (TEMPSC) MGMTCLAS (          ) DATACLAS (          )
        VOL SER NOS= KCTR01
IGD101I SMS ALLOCATED TO DDNAME (SYSUT3  )
        DSN (SYS24327.T135421.RA000.MNTSBF2A.R0120145      )
        STORCLAS (TEMPSC) MGMTCLAS (          ) DATACLAS (          )
        VOL SER NOS= KCTR01
IGD101I SMS ALLOCATED TO DDNAME (SYSPUNCH)
        DSN (SYS24327.T135421.RA000.MNTSBF2A.MAP.H01      )
        STORCLAS (TEMPSC) MGMTCLAS (          ) DATACLAS (          )
        VOL SER NOS= KCTR01
IGD103I SMS ALLOCATED TO DDNAME SYSIN
IEF142I MNTSBF2A ASMMAP MAPSET - STEP WAS EXECUTED - COND CODE 0000
IEF285I   KC03F2A.MNTSBF2A.JOB04854.D0000102.?           SYSOUT
IEF285I   DFH610.CICS.SDFHMAC                             KEPT
IEF285I   VOL SER NOS= VTDFHL.
IEF285I   SYS1.MACLIB                                       KEPT
IEF285I   VOL SER NOS= VTMVSC.
IGD105I SYS24327.T135421.RA000.MNTSBF2A.R0120143      DELETED,
DDNAME=SYSUT1
IGD105I SYS24327.T135421.RA000.MNTSBF2A.R0120144      DELETED,
DDNAME=SYSUT2
IGD105I SYS24327.T135421.RA000.MNTSBF2A.R0120145      DELETED,

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DDNAME=SYSUT3

IGD106I SYS24327.T135421.RA000.MNTSBF2A.MAP.H01 PASSED,

DDNAME=SYSPUNCH

IGD106I SYS24327.T135421.RA000.MNTSBF2A.TEMPM.H01 PASSED,

DDNAME=SYSIN

IEF373I STEP/ASMMAP /START 2024327.1354

IEF032I STEP/ASMMAP /STOP 2024327.1354

CPU: 0 HR 00 MIN 00.01 SEC SRB: 0 HR 00 MIN
00.00 SEC

VIRT: 252K SYS: 260K EXT: 32768K SYS: 11224K
ATB- REAL: 1304K SLOTS:

OK

VIRT- ALLOC: 23M SHRD: 0M

IEF236I ALLOC. FOR MNTSBF2A LINKMAP MAPSET

IEF237I JES2 ALLOCATED TO SYSPRINT

IGD103I SMS ALLOCATED TO DDNAME SYSLMOD

IGD101I SMS ALLOCATED TO DDNAME (SYSUT1)

DSN (SYS24327.T135421.RA000.MNTSBF2A.R0120146)

STORCLAS (TEMPSC) MGMTCLAS () DATACLAS ()

VOL SER NOS= KCTR01

IGD103I SMS ALLOCATED TO DDNAME SYSLIN

IEF142I MNTSBF2A LINKMAP MAPSET - STEP WAS EXECUTED - COND CODE

0000

IEF285I KC03F2A.MNTSBF2A.JOB04854.D0000103.? SYSOUT

IGD104I TSOECCC.CICSTS12.STUDENT.LOADLIB RETAINED,

DDNAME=SYSLMOD

IGD105I SYS24327.T135421.RA000.MNTSBF2A.R0120146 DELETED,

DDNAME=SYSUT1

IGD105I SYS24327.T135421.RA000.MNTSBF2A.MAP.H01 DELETED,

DDNAME=SYSLIN

IEF373I STEP/LINKMAP /START 2024327.1354

IEF032I STEP/LINKMAP /STOP 2024327.1354

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

VIRT: 88K SYS: 252K EXT: 1640K SYS: 11228K
ATB- REAL: 1304K SLOTS:

OK

VIRT- ALLOC: 22M SHRD: 0M

IEF236I ALLOC. FOR MNTSBF2A ASMDSECT MAPSET

```

IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I 1847 ALLOCATED TO SYSLIB
IEF237I 1001 ALLOCATED TO
IGD101I SMS ALLOCATED TO DDNAME (SYSUT1 )
        DSN (SYS24327.T135421.RA000.MNTSBF2A.R0120147 )
        STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
        VOL SER NOS= KCTR01
IGD101I SMS ALLOCATED TO DDNAME (SYSUT2 )
        DSN (SYS24327.T135421.RA000.MNTSBF2A.R0120148 )
        STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
        VOL SER NOS= KCTR01
IGD101I SMS ALLOCATED TO DDNAME (SYSUT3 )
        DSN (SYS24327.T135421.RA000.MNTSBF2A.R0120149 )
        STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
        VOL SER NOS= KCTR01
IGD103I SMS ALLOCATED TO DDNAME SYSPUNCH
IGD103I SMS ALLOCATED TO DDNAME SYSIN
IEF142I MNTSBF2A ASMDSECT MAPSET - STEP WAS EXECUTED - COND CODE
0000
IEF285I KC03F2A.MNTSBF2A.JOB04854.D0000104.?          SYSOUT
IEF285I DFH610.CICS.SDFHMAC                          KEPT
IEF285I VOL SER NOS= VTDFHL.
IEF285I SYS1.MACLIB                                    KEPT
IEF285I VOL SER NOS= VTMVSC.
IGD105I SYS24327.T135421.RA000.MNTSBF2A.R0120147      DELETED,
DDNAME=SYSUT1
IGD105I SYS24327.T135421.RA000.MNTSBF2A.R0120148      DELETED,
DDNAME=SYSUT2
IGD105I SYS24327.T135421.RA000.MNTSBF2A.R0120149      DELETED,
DDNAME=SYSUT3
IGD104I KC03F2A.DCMAFD02.A5P3.COBOL                   RETAINED,
DDNAME=SYSPUNCH
IGD105I SYS24327.T135421.RA000.MNTSBF2A.TEMPM.H01     DELETED,
DDNAME=SYSIN
IEF373I STEP/ASMDSECT/START 2024327.1354
IEF032I STEP/ASMDSECT/STOP 2024327.1354
        CPU:      0 HR  00 MIN  00.01 SEC          SRB:      0 HR  00 MIN
00.00 SEC
        VIRT:    252K  SYS:    260K  EXT:    32768K  SYS:    11508K

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ATB- REAL: 1316K SLOTS:
0K
VIRT- ALLOC: 25M SHRD: 0M
IEF375I JOB/MNTSBF2A/START 2024327.1354
IEF033I JOB/MNTSBF2A/STOP 2024327.1354
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 UI98248) Page 1

HLASM R6.0 2024/11/22 13.54
No Overriding ASMAOPT Parameters
Overriding Parameters- SYSPARM(MAP),DECK,N00BJECT
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)

Option Summary

High Level Assembler
(PTF UI98248) Page 2

HLASM R6.0 2024/11/22 13.54
UNICODE(01200)

No Overriding DD Names

@PCA 01-DFHMS

103+MNTSF2AM AMODE 31

@PCA 01-DFHMS

104+MNTSF2AM RMODE ANY

@PCA 01-DFHMS

000000

105+MSD0001 DS 0D

MAP SET ORIGIN

@02A 01-DFHMS

000000 D4D5E3E2C6F2C1D4

106+ DC

CL8 'MNTSF2AM' 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 MNT1F2A DFHMDI

SIZE=(24,80),

X
LINE=1,

X

COLUMN=1

206+*****

00000C

207+MNT1F2A 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 D4D5E3F1C6F2C140	213+	DC	
CL8'MNT1F2A' .	MAP NAME		@ 01-DFHMD
00001C 02D1	214+	DC	AL2(DFHM1)
MAP LENGTH	01-DFHMD		
00001E 0096	215+	DC	AL2(DFHS1)
MAP SPECIFICATION LENGTH	01-DFHMD		
000020 007B	216+	DC	AL2(DFHN1)
INPUT WORK AREA LENGTH	01-DFHMD		
000022 01EB	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 0000	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 01D9	233+	DC	AL2(DFHX1)
offset of descriptor	@L8C 01-DFHMD		

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Active Usings: None

Loc	Object Code	Addr1	Addr2	Stmt	Source	Statement
HLASM R6.0 2024/11/22 13.54						
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

DFHMD F POS=(1,1),

X

LENGTH=7,

X

ATTRB=(NORM,PROT),

X
COLOR=BLUE,

X

INITIAL='MNT1F2A'

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 D4D5E3F1C6F2C1	356+	DC	CL7'MNT1F2A'
DEFAULT MAP DATA	@ 01-DFHMD		

357+*****

X 359 DFHMD POS=(1,20),
X LENGTH=20,
ATTRB=(NORM,PROT), X
X COLOR=GREEN,
INITIAL='Customer Maintenance'

455+*****

00006C	456+	DS	0C
FIELD NAME	@ 01-DFHMD		
00006C 0000	457+	DC	AL2(0)
FIELD PAGE POSITION	@ 01-DFHMD		
00006E 0014	458+	DC	AL2(20)
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	
CL20 'Customer Maintenance'			X01-DFHMD
00007E 40D4818995A38595	+		
DEFAULT MAP DATA	@		

465+*****

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Active Usings: None

Loc	Object Code	Addr1	Addr2	Stmt	Source Statement
HLASM R6.0	2024/11/22	13.54		467	TRANID1 DFHMDF POS=(1,76),
X					LENGTH=4,
X					
					ATTRB=(NORM,PROT),
					X
					COLOR=BLUE,
X					

INITIAL='VF2A'

563+*****

00008A	564+TRANID1	DS	0C
FIELD NAME	@08A 01-DFHMD		
00008A 0000	565+	DC	AL2(0)
FIELD PAGE POSITION	@ 01-DFHMD		
00008C 0004	566+	DC	AL2(4)
FIELD LENGTH	@ 01-DFHMD		
00008E 03	567+	DC	AL1(3)
FIELD DESCRIPTOR FLAG BYTE	@ 01-DFHMD		
00008F 60	568+	DC	CL1 '-'
FIELD ATTRIBUTE	@ 01-DFHMD		
000090 004B	569+	DC	
AL2(75)	FIELD POSITION	@ 01-DFHMD	
000092 F1	570+	DC	X'F1'
COLOUR ATTRIBUTE	@L3C 01-DFHMD		
000093 00	571+	DC	X'00'
HIGHLIGHTING ATTRIBUTE	@L3C 01-DFHMD		
000094 E5C6F2C1	572+	DC	CL4'VF2A'
DEFAULT MAP DATA	@ 01-DFHMD		

573+*****

575

X 576 DFHMDF POS=(3,1),
X LENGTH=63,
ATTRB=(NORM,PROT), X
COLOR=NEUTRAL, X
INITIAL='Type a customer number. Then select an action X
and press
Enter.'

672+*****

000098	673+	DS	0C
FIELD NAME	@ 01-DFHMD		
000098 0000	674+	DC	AL2(0)
FIELD PAGE POSITION	@ 01-DFHMD		
00009A 003F	675+	DC	AL2(63)
FIELD LENGTH	@ 01-DFHMD		
00009C 02	676+	DC	AL1(2)
FIELD DESCRIPTOR FLAG BYTE	@ 01-DFHMD		
00009D 60	677+	DC	CL1'-'
FIELD ATTRIBUTE	@ 01-DFHMD		
00009E 00A0	678+	DC	
AL2(160) .	FIELD POSITION	@ 01-DFHMD	
0000A0 F7	679+	DC	X'F7'
COLOUR ATTRIBUTE	@L3C 01-DFHMD		
0000A1 00	680+	DC	X'00'
HIGHLIGHTING ATTRIBUTE	@L3C 01-DFHMD		
0000A2 E3A8978540814083	681+	DC	CL63'Type a customer number. Then select an action and X01-DFHMD
0000AA A4A2A39694859940	+		press
Enter.'	DEFAULT MAP DATA	@	

682+*****

X 684 DFHMDF POS=(5,1),
X LENGTH=24,
ATTRB=(NORM,PROT), X
X COLOR=GREEN,
INITIAL='Customer number. . . . '

780+*****

0000E1	781+	DS	0C
FIELD NAME	@ 01-DFHMD		
0000E1 0000	782+	DC	AL2(0)
FIELD PAGE POSITION	@ 01-DFHMD		
0000E3 0018	783+	DC	AL2(24)
FIELD LENGTH	@ 01-DFHMD		
0000E5 02	784+	DC	AL1(2)
FIELD DESCRIPTOR FLAG BYTE	@ 01-DFHMD		
0000E6 60	785+	DC	CL1 '-'
FIELD ATTRIBUTE	@ 01-DFHMD		
0000E7 0140	786+	DC	
AL2(320) .	FIELD POSITION	@ 01-DFHMD	
0000E9 F4	787+	DC	X'F4'
COLOUR ATTRIBUTE	@L3C 01-DFHMD		
0000EA 00	788+	DC	X'00'
HIGHLIGHTING ATTRIBUTE	@L3C 01-DFHMD		

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Active Usings: None

Loc	Object Code	Addr1	Addr2	Stmt	Source	Statement
HLASM R6.0	2024/11/22	13.54				
0000EB	C3A4A2A396948599			789+	DC	

CL24 'Customer number.'

X01-DFHMD

0000F3 4095A4948285994B

+

DEFAULT MAP DATA

@

790+*****

792 CUSTN01 DFHMDF POS=(5,26),

X

LENGTH=6,

X

ATTRB=(NORM,UNPROT,FSET),

X

COLOR=TURQUOISE,

X

INITIAL= '_____'

888+*****

000103

889+CUSTN01 DS 0C

FIELD NAME

@08A 01-DFHMD

000103 0000

890+ DC AL2(0)

FIELD PAGE POSITION

@ 01-DFHMD

000105 0006

891+ DC AL2(6)

FIELD LENGTH

@ 01-DFHMD

000107 03

892+ DC AL1(3)

FIELD DESCRIPTOR FLAG BYTE

@ 01-DFHMD

000108 C1

893+ DC CL1 'A'

FIELD ATTRIBUTE

@ 01-DFHMD

000109 0159

894+ DC

AL2(345) .

FIELD POSITION

@ 01-DFHMD

00010B F5

895+ DC X 'F5'

COLOUR ATTRIBUTE

@L3C 01-DFHMD

00010C 00

896+ DC X '00'

HIGHLIGHTING ATTRIBUTE

@L3C 01-DFHMD

00010D 6D6D6D6D6D6D

897+ DC CL6 '_____'

DEFAULT MAP DATA

@ 01-DFHMD

898+*****

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

995+*****

000113	996+	DS	0C
FIELD NAME	@ 01-DFHMD		
000113 0000	997+	DC	AL2(0)
FIELD PAGE POSITION	@ 01-DFHMD		
000115 0001	998+	DC	AL2(1)
FIELD LENGTH	@ 01-DFHMD		
000117 00	999+	DC	AL1(0)
FIELD DESCRIPTOR FLAG BYTE	@ 01-DFHMD		
000118 F0	1000+	DC	CL1'0'
FIELD ATTRIBUTE	@ 01-DFHMD		
000119 0160	1001+	DC	
AL2(352)	FIELD POSITION	@ 01-DFHMD	
00011B 00	1002+	DC	X'00'
COLOUR ATTRIBUTE	@L3C 01-DFHMD		
00011C 00	1003+	DC	X'00'
HIGHLIGHTING ATTRIBUTE	@L3C 01-DFHMD		

1004+*****

X 1006 DFHMD POS=(7,1),
X LENGTH=24,
ATTRB=(NORM,PROT), X
X COLOR=GREEN,

INITIAL='Action'

1102+*****

00011D	1103+	DS	0C
FIELD NAME	@ 01-DFHMD		
00011D 0000	1104+	DC	AL2(0)
FIELD PAGE POSITION	@ 01-DFHMD		
00011F 0018	1105+	DC	AL2(24)
FIELD LENGTH	@ 01-DFHMD		
000121 02	1106+	DC	AL1(2)
FIELD DESCRIPTOR FLAG BYTE	@ 01-DFHMD		
000122 60	1107+	DC	CL1'-'
FIELD ATTRIBUTE	@ 01-DFHMD		
000123 01E0	1108+	DC	
AL2(480)	FIELD POSITION	@ 01-DFHMD	
000125 F4	1109+	DC	X'F4'
COLOUR ATTRIBUTE	@L3C 01-DFHMD		
000126 00	1110+	DC	X'00'
HIGHLIGHTING ATTRIBUTE	@L3C 01-DFHMD		

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Active Usings: None

Loc	Object Code	Addr1	Addr2	Stmt	Source	Statement
HLASM R6.0	2024/11/22	13.54				
000127	C183A3899695404B			1111+	DC	
CL24	'Action'					X01-DFHMD
00012F	404B404B404B404B			+		
DEFAULT MAP DATA				@		

1112+*****

	1114 ACTION	DFHMDF POS=(7,26),
X		
		LENGTH=1,
X		

ATTRB=(NORM,NUM,FSET),

X

COLOR=TURQUOISE,

X

INITIAL=' _ '

1210+*****

00013F	1211+ACTION	DS	0C
FIELD NAME	@08A 01-DFHMD		
00013F 0000	1212+	DC	AL2(0)
FIELD PAGE POSITION	@ 01-DFHMD		
000141 0001	1213+	DC	AL2(1)
FIELD LENGTH	@ 01-DFHMD		
000143 0F	1214+	DC	AL1(15)
FIELD DESCRIPTOR FLAG BYTE	@ 01-DFHMD		
000144 D1	1215+	DC	CL1'J'
FIELD ATTRIBUTE	@ 01-DFHMD		
000145 01F9	1216+	DC	
AL2(505) .	FIELD POSITION		@ 01-DFHMD
000147 F5	1217+	DC	X'F5'
COLOUR ATTRIBUTE	@L3C 01-DFHMD		
000148 00	1218+	DC	X'00'
HIGHLIGHTING ATTRIBUTE	@L3C 01-DFHMD		
000149 6D	1219+	DC	CL1' _ '
DEFAULT MAP DATA	@ 01-DFHMD		

1220+*****

	1222	DFHMDF POS=(7,28),
--	------	--------------------

X

LENGTH=21,

X

ATTRB=(NORM,ASKIP),

X

COLOR=NEUTRAL,

X

INITIAL='1.'

Add a new customer'

1318+*****

00014A	1319+	DS	0C
FIELD NAME	@ 01-DFHMD		
00014A 0000	1320+	DC	AL2(0)
FIELD PAGE POSITION	@ 01-DFHMD		
00014C 0015	1321+	DC	AL2(21)
FIELD LENGTH	@ 01-DFHMD		
00014E 02	1322+	DC	AL1(2)
FIELD DESCRIPTOR FLAG BYTE	@ 01-DFHMD		
00014F F0	1323+	DC	CL1'0'
FIELD ATTRIBUTE	@ 01-DFHMD		
000150 01FB	1324+	DC	
AL2(507)	FIELD POSITION	@ 01-DFHMD	
000152 F7	1325+	DC	X'F7'
COLOUR ATTRIBUTE	@L3C 01-DFHMD		
000153 00	1326+	DC	X'00'
HIGHLIGHTING ATTRIBUTE	@L3C 01-DFHMD		
000154 F14B40C184844081	1327+	DC	CL21'1. Add
a new customer'		X01-DFHMD	
00015C 409585A64083A4A2	+		
DEFAULT MAP DATA	@		

1328+*****

	1330	DFHMD F POS=(8,28),
X		LENGTH=30,
X		
ATTRB=(NORM,ASKIP),		X
COLOR=NEUTRAL,		X
		INITIAL='2.
Change an existing customer'		

1426+*****

000169	1427+	DS	0C
FIELD NAME	@ 01-DFHMD		
000169 0000	1428+	DC	AL2(0)
FIELD PAGE POSITION	@ 01-DFHMD		
00016B 001E	1429+	DC	AL2(30)
FIELD LENGTH	@ 01-DFHMD		
00016D 02	1430+	DC	AL1(2)
FIELD DESCRIPTOR FLAG BYTE	@ 01-DFHMD		

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Active Usings: None

Loc	Object Code	Addr1	Addr2	Stmt	Source	Statement
HLASM R6.0 2024/11/22 13.54						
00016E	F0			1431+	DC	CL1'0'
FIELD ATTRIBUTE				@ 01-DFHMD		
00016F	024B			1432+	DC	
AL2(587) .				FIELD POSITION	@ 01-DFHMD	
000171	F7			1433+	DC	X'F7'
COLOUR ATTRIBUTE				@L3C 01-DFHMD		
000172	00			1434+	DC	X'00'
HIGHLIGHTING ATTRIBUTE				@L3C 01-DFHMD		
000173	F24B40C388819587			1435+	DC	CL30'2.
Change an existing customer'					X01-DFHMD	
00017B	854081954085A789			+		
DEFAULT MAP DATA				@		

1436+*****

	1438	DFHMD	POS=(9,28),
X			
			LENGTH=21,
X			
ATTRB=(NORM,ASKIP),			X
COLOR=NEUTRAL,			X
			INITIAL='3.

Delete an existing customer'

```
1534+*****
*****
000191                1535+        DS      0C
FIELD NAME            @ 01-DFHMD
000191 0000          1536+        DC      AL2(0)
FIELD PAGE POSITION    @ 01-DFHMD
000193 0015          1537+        DC      AL2(21)
FIELD LENGTH          @ 01-DFHMD
000195 02            1538+        DC      AL1(2)
FIELD DESCRIPTOR FLAG BYTE @ 01-DFHMD
000196 F0            1539+        DC      CL1'0'
FIELD ATTRIBUTE       @ 01-DFHMD
000197 029B          1540+        DC
AL2(667)              FIELD POSITION @ 01-DFHMD
000199 F7            1541+        DC      X'F7'
COLOUR ATTRIBUTE      @L3C 01-DFHMD
00019A 00            1542+        DC      X'00'
HIGHLIGHTING ATTRIBUTE @L3C 01-DFHMD
00019B F34B40C4859385A3 1543+        DC      CL21'3.
Delete an existing customer' X01-DFHMD
0001A3 854081954085A789      +
DEFAULT MAP DATA          @
```

```
1544+*****
*****

1546 MSG1      DFHMDF POS=(23,1),
X
LENGTH=79,
X
ATTRB=(BRT,PROT),
X
COLOR=YELLOW
```

```
1642+*****
*****
0001B0          1643+MSG1      DS      0C
```

FIELD NAME	@08A 01-DFHMD		
0001B0 0000	1644+	DC	AL2(0)
FIELD PAGE POSITION	@ 01-DFHMD		
0001B2 004F	1645+	DC	AL2(79)
FIELD LENGTH	@ 01-DFHMD		
0001B4 01	1646+	DC	AL1(1)
FIELD DESCRIPTOR FLAG BYTE	@ 01-DFHMD		
0001B5 E8	1647+	DC	CL1 'Y'
FIELD ATTRIBUTE	@ 01-DFHMD		
0001B6 06E0	1648+	DC	
AL2(1760)	FIELD POSITION	@ 01-DFHMD	
0001B8 F6	1649+	DC	X 'F6'
COLOUR ATTRIBUTE	@L3C 01-DFHMD		
0001B9 00	1650+	DC	X '00'
HIGHLIGHTING ATTRIBUTE	@L3C 01-DFHMD		

1651+*****

1653 DFHMDF POS=(24,1),
X LENGTH=20,
X
ATTRB=(NORM,PROT), X
X COLOR=BLUE,
X
INITIAL='F3=Exit F12=Cancel'

1749+*****

0001BA	1750+	DS	0C
FIELD NAME	@ 01-DFHMD		
0001BA 0000	1751+	DC	AL2(0)
FIELD PAGE POSITION	@ 01-DFHMD		

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Active Usings: None

Loc	Object Code	Addr1	Addr2	Stmt	Source	Statement
HLASM R6.0 2024/11/22 13.54						
0001BC	0014			1752+	DC	AL2(20)
FIELD LENGTH				@ 01-DFHMD		
0001BE	02			1753+	DC	AL1(2)
FIELD DESCRIPTOR FLAG BYTE				@ 01-DFHMD		
0001BF	60			1754+	DC	CL1'-'
FIELD ATTRIBUTE				@ 01-DFHMD		
0001C0	0730			1755+	DC	
AL2(1840)			FIELD POSITION		@ 01-DFHMD	
0001C2	F1			1756+	DC	X'F1'
COLOUR ATTRIBUTE				@L3C 01-DFHMD		
0001C3	00			1757+	DC	X'00'
HIGHLIGHTING ATTRIBUTE				@L3C 01-DFHMD		
0001C4	C6F37EC5A789A340			1758+	DC	CL20'F3=Exit
F12=Cancel'				X01-DFHMD		
0001CC	4040C6F1F27EC381			+		
DEFAULT MAP DATA				@		

1759+*****

			1761 DUMMY1	DFHMDF		
POS=(24,79),					X	
					LENGTH=1,	
X						
ATTRB=(DRK,PROT,FSET),					X	
					INITIAL=' '	

1856+*****

0001D8			1857+DUMMY1	DS	0C
FIELD NAME			@08A 01-DFHMD		
0001D8	0000		1858+	DC	AL2(0)
FIELD PAGE POSITION			@ 01-DFHMD		
0001DA	0001		1859+	DC	AL2(1)
FIELD LENGTH			@ 01-DFHMD		
0001DC	03		1860+	DC	AL1(3)

FIELD DESCRIPTOR FLAG BYTE	@ 01-DFHMD		
0001DD 6D	1861+	DC	CL1 ' _ '
FIELD ATTRIBUTE	@ 01-DFHMD		
0001DE 077E	1862+	DC	
AL2(1918)	FIELD POSITION		@ 01-DFHMD
0001E0 00	1863+	DC	X'00'
COLOUR ATTRIBUTE	@L3C 01-DFHMD		
0001E1 00	1864+	DC	X'00'
HIGHLIGHTING ATTRIBUTE	@L3C 01-DFHMD		
0001E2 40	1865+	DC	CL1 ' '
DEFAULT MAP DATA	@ 01-DFHMD		

```
1866+*****
*****
```

1868

```
*****
*****
```

```

1869 MNT2F2A  DFHMDI
SIZE=(24,80),
X
LINE=1,
COLUMN=1

```

```
1962+*****
*****
```

MAP SPECIFICATION LENGTH	00096	1963+DFHS1	EQU	150	.
INPUT WORK AREA LENGTH	0007B	1964+DFHN1	EQU	123	
OUTPUT WORK AREA LENGTH	001EB	1965+DFHP1	EQU	491	
CURSOR POSITION	00000	1966+DFHQ1	EQU	0	
count of useredit fields	00000	1967+DFHZ1	EQU	0	
MAP INDICATOR	00010	1968+DFHT1	EQU	16	.
0001E3 FFFF		1969+	DC	2XL1	'FF'

END OF MAP		@ 01-DFHMD		
	001E5	1970+DFHXX1	EQU	*
@L8A 01-DFHMD				
	001D9	1971+DFHX1	EQU	DFHXX1-DFHL1
offset of descriptor		@L8A 01-DFHMD		
0001E5 00F8		1972+	DC	AL2(DFHY1)
@L8A 01-DFHMD				
0001E7 C1C4E2C4		1973+	DC	C 'ADSD'
@L8A 01-DFHMD				
0001EB 0001		1974+	DC	AL2(1)
index of map within mapset		@L8A 01-DFHMD		
0001ED 0005		1975+	DC	AL2(5)
no of fields in ADS		@L8A 01-DFHMD		
0001EF 0080		1976+	DC	AL2(123+5)
length of ADS		@L8A 01-DFHMD		
0001F1 0002		1977+	DC	AL2(2)
no of attributes per field		@L8A 01-DFHMD		
0001F3 C3C840404040		1978+	DC	CL6 'CH'
@L8C 01-DFHMD				
0001F9 404040404040		1979+	DC	CL6 ' '
@L8C 01-DFHMD				
0001FF D3		1980+	DC	CL1 'L'
JUSTIFY LEFT or RIGHT		@L8A 01-DFHMD		
000200 40		1981+	DC	CL1 ' '
JUSTIFY FIRST, LAST or BOTTOM		@L8A 01-DFHMD		
000201 0001		1982+	DC	AL2(1)
starting line		@L8A 01-DFHMD		

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Active Usings: None

Loc	Object Code	Addr1	Addr2	Stmt	Source	Statement
HLASM R6.0 2024/11/22 13.54						
000203	0001			1983+	DC	AL2(1)
	starting column			@L8A 01-DFHMD		
000205	0018			1984+	DC	AL2(24)
	no of lines			@L8A 01-DFHMD		
000207	0050			1985+	DC	AL2(80)
	no of columns			@L8A 01-DFHMD		
000209	C2			1986+	DC	CL1 'B'

Write Control Character	@L8A 01-DFHMD		
00020A 00	1987+	DC	BL1'00'
align to half-word boundary	@L8A 01-DFHMD		
00020B E3D9C1D5C9C4F140	1988+	DC	
CL32'TRANID1' field name		@L8A 01-DFHMD	
00022B 0007	1989+	DC	AL2(7)
length of field name	@L8A 01-DFHMD		
00022D 0000	1990+	DC	AL2(0)
index within OCCURS	@L8A 01-DFHMD		
00022F 000C	1991+	DC	AL2(12)
offset within dsect	@L8A 01-DFHMD		
000231 0004	1992+	DC	AL2(4)
length of field	@L8A 01-DFHMD		
000233 D3	1993+	DC	C'L'
field justification (L or R)	@L8A 01-DFHMD		
000234 40	1994+	DC	C' '
field fill char (blank or 0)	@L8A 01-DFHMD		
000235 C3E4E2E3D5D6F140	1995+	DC	
CL32'CUSTN01' field name		@L8A 01-DFHMD	
000255 0007	1996+	DC	AL2(7)
length of field name	@L8A 01-DFHMD		
000257 0000	1997+	DC	AL2(0)
index within OCCURS	@L8A 01-DFHMD		
000259 0015	1998+	DC	AL2(21)
offset within dsect	@L8A 01-DFHMD		
00025B 0006	1999+	DC	AL2(6)
length of field	@L8A 01-DFHMD		
00025D D3	2000+	DC	C'L'
field justification (L or R)	@L8A 01-DFHMD		
00025E 40	2001+	DC	C' '
field fill char (blank or 0)	@L8A 01-DFHMD		
00025F C1C3E3C9D6D54040	2002+	DC	CL32'ACTION'
field name	@L8A 01-DFHMD		
00027F 0006	2003+	DC	AL2(6)
length of field name	@L8A 01-DFHMD		
000281 0000	2004+	DC	AL2(0)
index within OCCURS	@L8A 01-DFHMD		
000283 0020	2005+	DC	AL2(32)
offset within dsect	@L8A 01-DFHMD		

000285 0001	2006+	DC	AL2(1)
length of field	@L8A 01-DFHMD		
000287 D9	2007+	DC	C'R'
field justification (L or R)	@L8A 01-DFHMD		
000288 F0	2008+	DC	C'0'
field fill char (blank or 0)	@L8A 01-DFHMD		
000289 D4E2C7F140404040	2009+	DC	CL32'MSG1'
field name	@L8A 01-DFHMD		
0002A9 0004	2010+	DC	AL2(4)
length of field name	@L8A 01-DFHMD		
0002AB 0000	2011+	DC	AL2(0)
index within OCCURS	@L8A 01-DFHMD		
0002AD 0026	2012+	DC	AL2(38)
offset within dsect	@L8A 01-DFHMD		
0002AF 004F	2013+	DC	AL2(79)
length of field	@L8A 01-DFHMD		
0002B1 D3	2014+	DC	C'L'
field justification (L or R)	@L8A 01-DFHMD		
0002B2 40	2015+	DC	C' '
field fill char (blank or 0)	@L8A 01-DFHMD		
0002B3 C4E4D4D4E8F14040	2016+	DC	CL32'DUMMY1'
field name	@L8A 01-DFHMD		
0002D3 0006	2017+	DC	AL2(6)
length of field name	@L8A 01-DFHMD		
0002D5 0000	2018+	DC	AL2(0)
index within OCCURS	@L8A 01-DFHMD		
0002D7 007A	2019+	DC	AL2(122)
offset within dsect	@L8A 01-DFHMD		
0002D9 0001	2020+	DC	AL2(1)
length of field	@L8A 01-DFHMD		
0002DB D3	2021+	DC	C'L'
field justification (L or R)	@L8A 01-DFHMD		
0002DC 40	2022+	DC	C' '
field fill char (blank or 0)	@L8A 01-DFHMD		
002DD	2023+DFHR1	EQU	*
END OF MAP	01-DFHMD		
000F8	2024+DFHY1	EQU	DFHR1-DFHXX1
length of descriptor	@L8A 01-DFHMD		
002D1	2025+DFHM1	EQU	DFHR1-DFHL1

MAP LENGTH

01-DFHMD

2026+*****

0002DD		2027+MNT2F2A	DS	0C .
MAP ORIGIN		@ 01-DFHMD		
	002DD	2028+DFHL2	EQU	*
START OF MAP		01-DFHMD		
0002DD 004F		2029+	DC	AL2(DFHK2)
MAP DESCRIPTOR LENGTH		01-DFHMD		
0002DF 0000		2030+	DC	XL2'0000'
INPUT PARTITION NAME	@E5E2C @H1C	01-DFHMD		
0002E1 0000		2031+	DC	XL2'0000'
OUTPUT PARTITION NAME	@E5E2C @H1C	01-DFHMD		
0002E3 0000		2032+	DC	XL2'0000'
ACTIVE PARTITION NAME	@E5E2C @H1C	01-DFHMD		
0002E5 D4D5E3F2C6F2C140		2033+	DC	
CL8'MNT2F2A' .	MAP NAME			@ 01-DFHMD
0002ED 042F		2034+	DC	AL2(DFHM2)
MAP LENGTH		01-DFHMD		
0002EF 010E		2035+	DC	AL2(DFHS2)
MAP SPECIFICATION LENGTH		01-DFHMD		
0002F1 0157		2036+	DC	AL2(DFHN2)
INPUT WORK AREA LENGTH		01-DFHMD		
0002F3 0323		2037+	DC	AL2(DFHP2)
OUTPUT WORK AREA LENGTH		01-DFHMD		

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Active Usings: None

Loc	Object Code	Addr1	Addr2	Stmt	Source	Statement
HLASM R6.0 2024/11/22 13.54						
0002F5	C0			2038+	DC	AL1(192) .
MAP DESCRIPTOR FLAG BYTE			@ 01-DFHMD			
0002F6	C2			2039+	DC	CL1'B'
3270 WRITE CONTROL CHARACTER			@ 01-DFHMD			
0002F7	0000			2040+	DC	AL2(DFHQ2)
3270 CURSOR POSITION			01-DFHMD			
0002F9	00			2041+	DC	AL1(0)
MAP MARGIN			@ 01-DFHMD			

0002FA 18	2042+	DC	AL1(24)
MAP LENGTH - NUMBER OF LINES	@ 01-DFHMD		
0002FB 50	2043+	DC	AL1(80)
MAP WIDTH - NUMBER OF COLUMNS	@ 01-DFHMD		
0002FC 01	2044+	DC	AL1(1)
MAP STARTING LINE NUMBER	@ 01-DFHMD		
0002FD 01	2045+	DC	AL1(1)
MAP STARTING COLUMN NUMBER	@ 01-DFHMD		
0002FE 10	2046+	DC	AL1(DFHT2)
MAP INDICATOR	01-DFHMD		
0002FF 00	2047+	DC	AL1(0)
TYPE REQUEST BYTE TWO	@ 01-DFHMD		
000300 00	2048+	DC	AL1(0)
TYPE REQUEST BYTE THREE	@ 01-DFHMD		
000301 00301 002FF	2049+	ORG	*-2
Overlay byte 2 and 3	@0DA 01-DFHMD		
0002FF 0000	2050+	DC	AL2(DFHZ2)
Count of useredit fields	@0DA 01-DFHMD		
000301 00	2051+	DC	AL1(0)
TYPE REQUEST BYTE FOUR	@ 01-DFHMD		
000302 00	2052+	DC	AL1(0)
TYPE REQUEST BYTE FIVE	@ 01-DFHMD		
000303 023B	2053+	DC	AL2(DFHX2)
offset of descriptor	@L8C 01-DFHMD		
000305 00	2054+	DC	AL1(0)
REQUEST WRITE CONTROL CHARACTER	@ 01-DFHMD		
000306 0C	2055+	DC	AL1(12)
MAX NO OF ATTRS	@L3A 01-DFHMD		
000307 00000000	2056+	DC	AL4(0)
MAP CHAIN POINTER	@L3A 01-DFHMD		
00030B 0002	2057+	DC	AL2(2)
NO. OF ATTRS IN MAP FIELDS	@L3A 01-DFHMD		
00030D 0002	2058+	DC	AL2(2)
NO. OF ATTRS IN DSECT FIELDS	@L3A 01-DFHMD		
00030F 01000200	2059+	DC	AL1(1,0,2,0)
@L3A 01-DFHMD			
000313 00000000	2060+	DC	AL1(0,0,0,0)
@L3A 01-DFHMD			
000317 00000000	2061+	DC	AL1(0,0,0,0)

@L3A 01-DFHMD			
00031B 01000200	2062+	DC	AL1(1,0,2,0)
@L3A 01-DFHMD			
00031F 00000000	2063+	DC	AL1(0,0,0,0)
@L3A 01-DFHMD			
000323 00000000	2064+	DC	AL1(0,0,0,0)
@L3A 01-DFHMD			
000327 00	2065+	DC	AL1(0)
FIELD SEPARATOR LENGTH	@L3A 01-DFHMD		
000328 40404040	2066+	DC	CL4 ' '
FIELD SEPARATOR VALUE	@L3C 01-DFHMD		
0004F	2067+DFHK2	EQU	*-DFHL2
LENGTH OF MAP HEADER	01-DFHMD		

2068+*****

2070

2071

DFHMDF POS=(1,1),

X

LENGTH=7,

X

ATTRB=(NORM,PROT),

X
COLOR=BLUE,

X

INITIAL='MNT2F2A'

2167+*****

00032C	2168+	DS	0C
FIELD NAME	@ 01-DFHMD		
00032C 0000	2169+	DC	AL2(0)
FIELD PAGE POSITION	@ 01-DFHMD		
00032E 0007	2170+	DC	AL2(7)
FIELD LENGTH	@ 01-DFHMD		

000330 02	2171+	DC	AL1(2)
FIELD DESCRIPTOR FLAG BYTE	@ 01-DFHMD		
000331 60	2172+	DC	CL1 '-'
FIELD ATTRIBUTE	@ 01-DFHMD		
000332 0000	2173+	DC	
AL2(0)	FIELD POSITION	@ 01-DFHMD	
000334 F1	2174+	DC	X'F1'
COLOUR ATTRIBUTE	@L3C 01-DFHMD		
000335 00	2175+	DC	X'00'
HIGHLIGHTING ATTRIBUTE	@L3C 01-DFHMD		
000336 D4D5E3F2C6F2C1	2176+	DC	CL7'MNT2F2A'
DEFAULT MAP DATA	@ 01-DFHMD		

2177+*****

2179 DFHMDF POS=(1,20),
X

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Active Usings: None

Loc	Object	Code	Addr1	Addr2	Stmt	Source	Statement
HLASM R6.0	2024/11/22	13.54					

LENGTH=20,
X

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

INITIAL='Customer Maintenance'

2275+*****

00033D	2276+	DS	0C
FIELD NAME	@ 01-DFHMD		
00033D 0000	2277+	DC	AL2(0)
FIELD PAGE POSITION	@ 01-DFHMD		
00033F 0014	2278+	DC	AL2(20)

FIELD LENGTH	@ 01-DFHMD		
000341 02	2279+	DC	AL1(2)
FIELD DESCRIPTOR FLAG BYTE	@ 01-DFHMD		
000342 60	2280+	DC	CL1 '-'
FIELD ATTRIBUTE	@ 01-DFHMD		
000343 0013	2281+	DC	
AL2(19)	FIELD POSITION	@ 01-DFHMD	
000345 F4	2282+	DC	X'F4'
COLOUR ATTRIBUTE	@L3C 01-DFHMD		
000346 00	2283+	DC	X'00'
HIGHLIGHTING ATTRIBUTE	@L3C 01-DFHMD		
000347 C3A4A2A396948599	2284+	DC	
CL20'Customer Maintenance'			X01-DFHMD
00034F 40D4818995A38595	+		
DEFAULT MAP DATA	@		

2285+*****

2287 TRANID2 DFHMD POS=(1,76),
X
LENGTH=4,
X
ATTRB=(NORM,PROT),
X
COLOR=BLUE,
X
INITIAL='VF2A'

2383+*****

00035B	2384+TRANID2	DS	0C
FIELD NAME	@08A 01-DFHMD		
00035B 0000	2385+	DC	AL2(0)
FIELD PAGE POSITION	@ 01-DFHMD		
00035D 0004	2386+	DC	AL2(4)
FIELD LENGTH	@ 01-DFHMD		
00035F 03	2387+	DC	AL1(3)

FIELD DESCRIPTOR FLAG BYTE	@ 01-DFHMD		
000360 60	2388+	DC	CL1 '-'
FIELD ATTRIBUTE	@ 01-DFHMD		
000361 004B	2389+	DC	
AL2(75)	FIELD POSITION	@ 01-DFHMD	
000363 F1	2390+	DC	X'F1'
COLOUR ATTRIBUTE	@L3C 01-DFHMD		
000364 00	2391+	DC	X'00'
HIGHLIGHTING ATTRIBUTE	@L3C 01-DFHMD		
000365 E5C6F2C1	2392+	DC	CL4'VF2A'
DEFAULT MAP DATA	@ 01-DFHMD		

2393+*****

2395

2396 INSTR2 DFHMDF POS=(3,1),

X

LENGTH=79,

X

ATTRB=(NORM,PROT),

X

COLOR=NEUTRAL

2492+*****

000369	2493+INSTR2	DS	0C
FIELD NAME	@08A 01-DFHMD		
000369 0000	2494+	DC	AL2(0)
FIELD PAGE POSITION	@ 01-DFHMD		
00036B 004F	2495+	DC	AL2(79)
FIELD LENGTH	@ 01-DFHMD		
00036D 01	2496+	DC	AL1(1)
FIELD DESCRIPTOR FLAG BYTE	@ 01-DFHMD		
00036E 60	2497+	DC	CL1 '-'
FIELD ATTRIBUTE	@ 01-DFHMD		

00036F 00A0	2498+	DC	
AL2(160)	FIELD POSITION	@ 01-DFHMD	
000371 F7	2499+	DC	X'F7'
COLOUR ATTRIBUTE	@L3C 01-DFHMD		
000372 00	2500+	DC	X'00'
HIGHLIGHTING ATTRIBUTE	@L3C 01-DFHMD		

2501+*****

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Active Usings: None

Loc	Object Code	Addr1	Addr2	Stmt	Source Statement
HLASM R6.0	2024/11/22	13.54		2503	DFHMDF POS=(5,1),
X					LENGTH=24,
X					
ATTRB=(NORM,PROT),					X
X					COLOR=GREEN,
INITIAL='Customer number. . . . :'					

2599+*****

000373	2600+	DS	0C
FIELD NAME	@ 01-DFHMD		
000373 0000	2601+	DC	AL2(0)
FIELD PAGE POSITION	@ 01-DFHMD		
000375 0018	2602+	DC	AL2(24)
FIELD LENGTH	@ 01-DFHMD		
000377 02	2603+	DC	AL1(2)
FIELD DESCRIPTOR FLAG BYTE	@ 01-DFHMD		
000378 60	2604+	DC	CL1'-'
FIELD ATTRIBUTE	@ 01-DFHMD		
000379 0140	2605+	DC	
AL2(320)	FIELD POSITION	@ 01-DFHMD	

00037B F4	2606+	DC	X'F4'
COLOUR ATTRIBUTE	@L3C 01-DFHMD		
00037C 00	2607+	DC	X'00'
HIGHLIGHTING ATTRIBUTE	@L3C 01-DFHMD		
00037D C3A4A2A396948599	2608+	DC	
CL24 'Customer number. . . . :'			X01-DFHMD
000385 4095A4948285994B	+		
DEFAULT MAP DATA	@		

2609+*****

2611 CUSTN02 DFHMDF POS=(5,26),
X
LENGTH=6,
X
ATTRB=(NORM,PROT,FSET), X
COLOR=TURQUOISE

2707+*****

000395	2708+CUSTN02	DS	0C
FIELD NAME	@08A 01-DFHMD		
000395 0000	2709+	DC	AL2(0)
FIELD PAGE POSITION	@ 01-DFHMD		
000397 0006	2710+	DC	AL2(6)
FIELD LENGTH	@ 01-DFHMD		
000399 01	2711+	DC	AL1(1)
FIELD DESCRIPTOR FLAG BYTE	@ 01-DFHMD		
00039A 61	2712+	DC	CL1 '/'
FIELD ATTRIBUTE	@ 01-DFHMD		
00039B 0159	2713+	DC	
AL2(345)	FIELD POSITION		@ 01-DFHMD
00039D F5	2714+	DC	X'F5'
COLOUR ATTRIBUTE	@L3C 01-DFHMD		
00039E 00	2715+	DC	X'00'
HIGHLIGHTING ATTRIBUTE	@L3C 01-DFHMD		

2716+*****

2718

2719

DFHMD F POS=(7,1),

X

LENGTH=24,

X

ATTRB=(NORM,PROT),

X
COLOR=GREEN,

X

INITIAL='Last name.'

2815+*****

00039F	2816+	DS	0C
FIELD NAME	@ 01-DFHMD		
00039F 0000	2817+	DC	AL2(0)
FIELD PAGE POSITION	@ 01-DFHMD		
0003A1 0018	2818+	DC	AL2(24)
FIELD LENGTH	@ 01-DFHMD		
0003A3 02	2819+	DC	AL1(2)
FIELD DESCRIPTOR FLAG BYTE	@ 01-DFHMD		
0003A4 60	2820+	DC	CL1 '-'
FIELD ATTRIBUTE	@ 01-DFHMD		
0003A5 01E0	2821+	DC	
AL2(480) .	FIELD POSITION	@ 01-DFHMD	
0003A7 F4	2822+	DC	X'F4'
COLOUR ATTRIBUTE	@L3C 01-DFHMD		
0003A8 00	2823+	DC	X'00'
HIGHLIGHTING ATTRIBUTE	@L3C 01-DFHMD		
0003A9 D381A2A340958194	2824+	DC	CL24'Last
name.'		X01-DFHMD	
0003B1 854B404B404B404B	+		

@

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Loc	Object	Code	Addr1	Addr2	Stmt	Source	Statement
HLASM R6.0		2024/11/22	13.54				

ATTRB=(NORM,UNPROT,FSET), X

0003C1	2924+LNAME	DS	0C
FIELD NAME	@08A 01-DFHMD		
0003C1 0000	2925+	DC	AL2(0)
FIELD PAGE POSITION	@ 01-DFHMD		
0003C3 001E	2926+	DC	AL2(30)
FIELD LENGTH	@ 01-DFHMD		
0003C5 01	2927+	DC	AL1(1)
FIELD DESCRIPTOR FLAG BYTE	@ 01-DFHMD		
0003C6 C1	2928+	DC	CL1'A'
FIELD ATTRIBUTE	@ 01-DFHMD		
0003C7 01F9	2929+	DC	
AL2(505)	FIELD POSITION		@ 01-DFHMD
0003C9 F5	2930+	DC	X'F5'
COLOUR ATTRIBUTE	@L3C 01-DFHMD		
0003CA 00	2931+	DC	X'00'
HIGHLIGHTING ATTRIBUTE	@L3C 01-DFHMD		

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2934 DFHMD F POS=(7,57),
X LENGTH=1,
X ATTRB=ASKIP

3029+*****

0003CB	3030+	DS	0C
FIELD NAME	@ 01-DFHMD		
0003CB 0000	3031+	DC	AL2(0)
FIELD PAGE POSITION	@ 01-DFHMD		
0003CD 0001	3032+	DC	AL2(1)
FIELD LENGTH	@ 01-DFHMD		
0003CF 00	3033+	DC	AL1(0)
FIELD DESCRIPTOR FLAG BYTE	@ 01-DFHMD		
0003D0 F0	3034+	DC	CL1'0'
FIELD ATTRIBUTE	@ 01-DFHMD		
0003D1 0218	3035+	DC	
AL2(536)	FIELD POSITION	@ 01-DFHMD	
0003D3 00	3036+	DC	X'00'
COLOUR ATTRIBUTE	@L3C 01-DFHMD		
0003D4 00	3037+	DC	X'00'
HIGHLIGHTING ATTRIBUTE	@L3C 01-DFHMD		

3038+*****

3040

3041 DFHMD F POS=(8,1),
X LENGTH=24,
X
ATTRB=(NORM,PROT), X
COLOR=GREEN,

X

INITIAL='First name'

3137+*****

0003D5	3138+	DS	0C
FIELD NAME	@ 01-DFHMD		
0003D5 0000	3139+	DC	AL2(0)
FIELD PAGE POSITION	@ 01-DFHMD		
0003D7 0018	3140+	DC	AL2(24)
FIELD LENGTH	@ 01-DFHMD		
0003D9 02	3141+	DC	AL1(2)
FIELD DESCRIPTOR FLAG BYTE	@ 01-DFHMD		
0003DA 60	3142+	DC	CL1'-'
FIELD ATTRIBUTE	@ 01-DFHMD		
0003DB 0230	3143+	DC	
AL2(560)	FIELD POSITION	@ 01-DFHMD	
0003DD F4	3144+	DC	X'F4'
COLOUR ATTRIBUTE	@L3C 01-DFHMD		
0003DE 00	3145+	DC	X'00'
HIGHLIGHTING ATTRIBUTE	@L3C 01-DFHMD		
0003DF C68999A2A3409581	3146+	DC	CL24'First
name'		X01-DFHMD	
0003E7 9485404B404B404B	+		
DEFAULT MAP DATA	@		

3147+*****

3149 FNAME DFHMDF POS=(8,26),

X

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Active Usings: None

Loc	Object	Code	Addr1	Addr2	Stmt	Source Statement
HLASM R6.0	2024/11/22	13.54				

LENGTH=20,

X

ATTRB=(NORM,UNPROT,FSET),

X

COLOR=TURQUOISE

3245+*****

0003F7	3246+FNAME	DS	0C
FIELD NAME	@08A 01-DFHMD		
0003F7 0000	3247+	DC	AL2(0)
FIELD PAGE POSITION	@ 01-DFHMD		
0003F9 0014	3248+	DC	AL2(20)
FIELD LENGTH	@ 01-DFHMD		
0003FB 01	3249+	DC	AL1(1)
FIELD DESCRIPTOR FLAG BYTE	@ 01-DFHMD		
0003FC C1	3250+	DC	CL1'A'
FIELD ATTRIBUTE	@ 01-DFHMD		
0003FD 0249	3251+	DC	
AL2(585) .	FIELD POSITION		@ 01-DFHMD
0003FF F5	3252+	DC	X'F5'
COLOUR ATTRIBUTE	@L3C 01-DFHMD		
000400 00	3253+	DC	X'00'
HIGHLIGHTING ATTRIBUTE	@L3C 01-DFHMD		

3254+*****

	3256	DFHMDF POS=(8,47),
X		LENGTH=1,
X		ATTRB=ASKIP

3351+*****

000401	3352+	DS	0C
FIELD NAME	@ 01-DFHMD		
000401 0000	3353+	DC	AL2(0)
FIELD PAGE POSITION	@ 01-DFHMD		

000403 0001	3354+	DC	AL2(1)
FIELD LENGTH	@ 01-DFHMD		
000405 00	3355+	DC	AL1(0)
FIELD DESCRIPTOR FLAG BYTE	@ 01-DFHMD		
000406 F0	3356+	DC	CL1'0'
FIELD ATTRIBUTE	@ 01-DFHMD		
000407 025E	3357+	DC	
AL2(606) .	FIELD POSITION		@ 01-DFHMD
000409 00	3358+	DC	X'00'
COLOUR ATTRIBUTE	@L3C 01-DFHMD		
00040A 00	3359+	DC	X'00'
HIGHLIGHTING ATTRIBUTE	@L3C 01-DFHMD		

3360+*****

3362

3363

DFHMDF POS=(9,1),

X

LENGTH=24,

X

ATTRB=(NORM,PROT),

X
COLOR=GREEN,

X

INITIAL='Address.'

3459+*****

00040B	3460+	DS	0C
FIELD NAME	@ 01-DFHMD		
00040B 0000	3461+	DC	AL2(0)
FIELD PAGE POSITION	@ 01-DFHMD		
00040D 0018	3462+	DC	AL2(24)
FIELD LENGTH	@ 01-DFHMD		
00040F 02	3463+	DC	AL1(2)

FIELD DESCRIPTOR FLAG BYTE	@ 01-DFHMD		
000410 60	3464+	DC	CL1 '-'
FIELD ATTRIBUTE	@ 01-DFHMD		
000411 0280	3465+	DC	
AL2(640) .	FIELD POSITION	@ 01-DFHMD	
000413 F4	3466+	DC	X'F4'
COLOUR ATTRIBUTE	@L3C 01-DFHMD		
000414 00	3467+	DC	X'00'
HIGHLIGHTING ATTRIBUTE	@L3C 01-DFHMD		
000415 C184849985A2A24B	3468+	DC	
CL24'Address.'			X01-DFHMD
00041D 404B404B404B404B	+		
DEFAULT MAP DATA	@		

3469+*****

X 3471 ADDR DFHMDF POS=(9,26),
X LENGTH=30,
X

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Active Usings: None

Loc	Object Code	Addr1	Addr2	Stmt	Source Statement
HLASM R6.0	2024/11/22	13.54			

ATTRB=(NORM,UNPROT,FSET), X

COLOR=TURQUOISE

3567+*****

00042D	3568+ADDR	DS	0C
FIELD NAME	@08A 01-DFHMD		
00042D 0000	3569+	DC	AL2(0)
FIELD PAGE POSITION	@ 01-DFHMD		
00042F 001E	3570+	DC	AL2(30)
FIELD LENGTH	@ 01-DFHMD		

000431 01	3571+	DC	AL1(1)
FIELD DESCRIPTOR FLAG BYTE	@ 01-DFHMD		
000432 C1	3572+	DC	CL1'A'
FIELD ATTRIBUTE	@ 01-DFHMD		
000433 0299	3573+	DC	
AL2(665)	FIELD POSITION	@ 01-DFHMD	
000435 F5	3574+	DC	X'F5'
COLOUR ATTRIBUTE	@L3C 01-DFHMD		
000436 00	3575+	DC	X'00'
HIGHLIGHTING ATTRIBUTE	@L3C 01-DFHMD		

3576+*****

	3578	DFHMD	POS=(9,57),
X			LENGTH=1,
X			ATTRB=ASKIP

3673+*****

000437	3674+	DS	0C
FIELD NAME	@ 01-DFHMD		
000437 0000	3675+	DC	AL2(0)
FIELD PAGE POSITION	@ 01-DFHMD		
000439 0001	3676+	DC	AL2(1)
FIELD LENGTH	@ 01-DFHMD		
00043B 00	3677+	DC	AL1(0)
FIELD DESCRIPTOR FLAG BYTE	@ 01-DFHMD		
00043C F0	3678+	DC	CL1'0'
FIELD ATTRIBUTE	@ 01-DFHMD		
00043D 02B8	3679+	DC	
AL2(696)	FIELD POSITION	@ 01-DFHMD	
00043F 00	3680+	DC	X'00'
COLOUR ATTRIBUTE	@L3C 01-DFHMD		
000440 00	3681+	DC	X'00'
HIGHLIGHTING ATTRIBUTE	@L3C 01-DFHMD		

3682+*****

3684

3685

DFHMDF POS=(10,1),

X

LENGTH=24,

X

ATTRB=(NORM,PROT),

X
COLOR=GREEN,

X

INITIAL='City'

3781+*****

000441	3782+	DS	0C
FIELD NAME	@ 01-DFHMD		
000441 0000	3783+	DC	AL2(0)
FIELD PAGE POSITION	@ 01-DFHMD		
000443 0018	3784+	DC	AL2(24)
FIELD LENGTH	@ 01-DFHMD		
000445 02	3785+	DC	AL1(2)
FIELD DESCRIPTOR FLAG BYTE	@ 01-DFHMD		
000446 60	3786+	DC	CL1 '-'
FIELD ATTRIBUTE	@ 01-DFHMD		
000447 02D0	3787+	DC	
AL2(720) .	FIELD POSITION	@ 01-DFHMD	
000449 F4	3788+	DC	X'F4'
COLOUR ATTRIBUTE	@L3C 01-DFHMD		
00044A 00	3789+	DC	X'00'
HIGHLIGHTING ATTRIBUTE	@L3C 01-DFHMD		
00044B C389A3A8404B404B	3790+	DC	
CL24'City'			X01-DFHMD
000453 404B404B404B404B	+		
DEFAULT MAP DATA	@		

3791+*****

3793 CITY DFHMDF
POS=(10,26), X
LENGTH=20,
X

ATTRB=(NORM,UNPROT,FSET), X

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Active Usings: None

Loc	Object	Code	Addr1	Addr2	Stmt	Source	Statement
HLASM R6.0	2024/11/22	13.54					

COLOR=TURQUOISE

3889+*****

000463	3890+CITY	DS	0C
FIELD NAME	@08A 01-DFHMD		
000463 0000	3891+	DC	AL2(0)
FIELD PAGE POSITION	@ 01-DFHMD		
000465 0014	3892+	DC	AL2(20)
FIELD LENGTH	@ 01-DFHMD		
000467 01	3893+	DC	AL1(1)
FIELD DESCRIPTOR FLAG BYTE	@ 01-DFHMD		
000468 C1	3894+	DC	CL1'A'
FIELD ATTRIBUTE	@ 01-DFHMD		
000469 02E9	3895+	DC	
AL2(745) .	FIELD POSITION		@ 01-DFHMD
00046B F5	3896+	DC	X'F5'
COLOUR ATTRIBUTE	@L3C 01-DFHMD		
00046C 00	3897+	DC	X'00'
HIGHLIGHTING ATTRIBUTE	@L3C 01-DFHMD		

3898+*****

```

                                3900          DFHMD
POS=(10,47),                      X
                                LENGTH=1,
X                                  ATTRB=ASKIP

3995+*****
*****
00046D          3996+          DS      0C
FIELD NAME      @ 01-DFHMD
00046D 0000     3997+          DC      AL2(0)
FIELD PAGE POSITION @ 01-DFHMD
00046F 0001     3998+          DC      AL2(1)
FIELD LENGTH    @ 01-DFHMD
000471 00      3999+          DC      AL1(0)
FIELD DESCRIPTOR FLAG BYTE @ 01-DFHMD
000472 F0      4000+          DC      CL1'0'
FIELD ATTRIBUTE @ 01-DFHMD
000473 02FE    4001+          DC
AL2(766)      .          FIELD POSITION @ 01-DFHMD
000475 00      4002+          DC      X'00'
COLOUR ATTRIBUTE @L3C 01-DFHMD
000476 00      4003+          DC      X'00'
HIGHLIGHTING ATTRIBUTE @L3C 01-DFHMD

4004+*****
*****

                                4006
*****
*****
                                4007          DFHMD
X                                  POS=(11,1),
                                LENGTH=24,
X
ATTRB=(NORM,PROT),              X
                                COLOR=GREEN,
```

X

INITIAL='State.'

4103+*****

000477	4104+	DS	0C
FIELD NAME	@ 01-DFHMD		
000477 0000	4105+	DC	AL2(0)
FIELD PAGE POSITION	@ 01-DFHMD		
000479 0018	4106+	DC	AL2(24)
FIELD LENGTH	@ 01-DFHMD		
00047B 02	4107+	DC	AL1(2)
FIELD DESCRIPTOR FLAG BYTE	@ 01-DFHMD		
00047C 60	4108+	DC	CL1 '-'
FIELD ATTRIBUTE	@ 01-DFHMD		
00047D 0320	4109+	DC	
AL2(800)	FIELD POSITION	@ 01-DFHMD	
00047F F4	4110+	DC	X'F4'
COLOUR ATTRIBUTE	@L3C 01-DFHMD		
000480 00	4111+	DC	X'00'
HIGHLIGHTING ATTRIBUTE	@L3C 01-DFHMD		
000481 E2A381A3854B404B	4112+	DC	
CL24'State.'			X01-DFHMD
000489 404B404B404B404B	+		
DEFAULT MAP DATA	@		

4113+*****

	4115 STATE	DFHMDF
POS=(11,26),		X
		LENGTH=2,
X		
ATTRB=(NORM,UNPROT,FSET),		X
COLOR=TURQUOISE		

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Active Usings: None

Loc	Object Code	Addr1	Addr2	Stmt	Source Statement
HLASM R6.0	2024/11/22	13.54			

4211+*****

000499		4212+STATE	DS	0C
FIELD NAME		@08A 01-DFHMD		
000499 0000		4213+	DC	AL2(0)
FIELD PAGE POSITION		@ 01-DFHMD		
00049B 0002		4214+	DC	AL2(2)
FIELD LENGTH		@ 01-DFHMD		
00049D 01		4215+	DC	AL1(1)
FIELD DESCRIPTOR FLAG BYTE		@ 01-DFHMD		
00049E C1		4216+	DC	CL1'A'
FIELD ATTRIBUTE		@ 01-DFHMD		
00049F 0339		4217+	DC	
AL2(825)		FIELD POSITION		@ 01-DFHMD
0004A1 F5		4218+	DC	X'F5'
COLOUR ATTRIBUTE		@L3C 01-DFHMD		
0004A2 00		4219+	DC	X'00'
HIGHLIGHTING ATTRIBUTE		@L3C 01-DFHMD		

4220+*****

	4222	DFHMDF	
POS=(11,29),		X	
		LENGTH=1,	
X			
		ATTRB=ASKIP	

4317+*****

0004A3		4318+	DS	0C
FIELD NAME		@ 01-DFHMD		
0004A3 0000		4319+	DC	AL2(0)
FIELD PAGE POSITION		@ 01-DFHMD		

0004A5 0001	4320+	DC	AL2(1)
FIELD LENGTH	@ 01-DFHMD		
0004A7 00	4321+	DC	AL1(0)
FIELD DESCRIPTOR FLAG BYTE	@ 01-DFHMD		
0004A8 F0	4322+	DC	CL1'0'
FIELD ATTRIBUTE	@ 01-DFHMD		
0004A9 033C	4323+	DC	
AL2(828) .	FIELD POSITION		@ 01-DFHMD
0004AB 00	4324+	DC	X'00'
COLOUR ATTRIBUTE	@L3C 01-DFHMD		
0004AC 00	4325+	DC	X'00'
HIGHLIGHTING ATTRIBUTE	@L3C 01-DFHMD		

4326+*****

4328

	4329	DFHMD	POS=(12,1),
X			
			LENGTH=24,
X			
ATTRB=(NORM,PROT),		X	
			COLOR=GREEN,
X			
			INITIAL='Zip
Code			

4425+*****

0004AD	4426+	DS	0C
FIELD NAME	@ 01-DFHMD		
0004AD 0000	4427+	DC	AL2(0)
FIELD PAGE POSITION	@ 01-DFHMD		
0004AF 0018	4428+	DC	AL2(24)
FIELD LENGTH	@ 01-DFHMD		
0004B1 02	4429+	DC	AL1(2)


```

FIELD DESCRIPTOR FLAG BYTE      @ 01-DFHMD
0004B2 60                        4430+      DC      CL1 '-'
FIELD ATTRIBUTE                  @ 01-DFHMD
0004B3 0370                      4431+      DC
AL2(880) .                      FIELD POSITION @ 01-DFHMD
0004B5 F4                        4432+      DC      X'F4'
COLOUR ATTRIBUTE                @L3C 01-DFHMD
0004B6 00                        4433+      DC      X'00'
HIGHLIGHTING ATTRIBUTE          @L3C 01-DFHMD
0004B7 E9899740C3968485        4434+      DC      CL24'Zip
Code . . . . .                  X01-DFHMD
0004BF 404B404B404B404B        +
DEFAULT MAP DATA              @

```

```

4435+*****
*****

```

```

                                4437 ZIPCODE DFHMDF
POS=(12,26),                      X
                                LENGTH=10,
X
ATTRB=(NORM,UNPROT,FSET),          X
COLOR=TURQUOISE

```

```

4533+*****
*****

```

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Active Usings: None

Loc	Object	Code	Addr1	Addr2	Stmt	Source	Statement
HLASM R6.0 2024/11/22 13.54							
0004CF					4534+ZIPCODE	DS	0C
	FIELD NAME			@08A	01-DFHMD		
0004CF	0000				4535+	DC	AL2(0)
	FIELD PAGE POSITION			@	01-DFHMD		
0004D1	000A				4536+	DC	AL2(10)
	FIELD LENGTH			@	01-DFHMD		

0004D3 01	4537+	DC	AL1(1)
FIELD DESCRIPTOR FLAG BYTE	@ 01-DFHMD		
0004D4 C1	4538+	DC	CL1'A'
FIELD ATTRIBUTE	@ 01-DFHMD		
0004D5 0389	4539+	DC	
AL2(905)	FIELD POSITION		@ 01-DFHMD
0004D7 F5	4540+	DC	X'F5'
COLOUR ATTRIBUTE	@L3C 01-DFHMD		
0004D8 00	4541+	DC	X'00'
HIGHLIGHTING ATTRIBUTE	@L3C 01-DFHMD		

4542+*****

	4544	DFHMDF	
POS=(12,37),		X	
		LENGTH=1,	
X			
		ATTRB=ASKIP	

4639+*****

0004D9	4640+	DS	0C
FIELD NAME	@ 01-DFHMD		
0004D9 0000	4641+	DC	AL2(0)
FIELD PAGE POSITION	@ 01-DFHMD		
0004DB 0001	4642+	DC	AL2(1)
FIELD LENGTH	@ 01-DFHMD		
0004DD 00	4643+	DC	AL1(0)
FIELD DESCRIPTOR FLAG BYTE	@ 01-DFHMD		
0004DE F0	4644+	DC	CL1'0'
FIELD ATTRIBUTE	@ 01-DFHMD		
0004DF 0394	4645+	DC	
AL2(916)	FIELD POSITION		@ 01-DFHMD
0004E1 00	4646+	DC	X'00'
COLOUR ATTRIBUTE	@L3C 01-DFHMD		
0004E2 00	4647+	DC	X'00'
HIGHLIGHTING ATTRIBUTE	@L3C 01-DFHMD		

4650

4651 MSG2 DFHMDF POS=(23,1),
LENGTH=79,

X

0004E3	4748+MSG2	DS	0C
FIELD NAME	@08A 01-DFHMD		
0004E3 0000	4749+	DC	AL2(0)
FIELD PAGE POSITION	@ 01-DFHMD		
0004E5 004F	4750+	DC	AL2(79)
FIELD LENGTH	@ 01-DFHMD		
0004E7 01	4751+	DC	AL1(1)
FIELD DESCRIPTOR FLAG BYTE	@ 01-DFHMD		
0004E8 E8	4752+	DC	CL1'Y'
FIELD ATTRIBUTE	@ 01-DFHMD		
0004E9 06E0	4753+	DC	
AL2(1760)	FIELD POSITION		@ 01-DFHMD
0004EB F6	4754+	DC	X'F6'
COLOUR ATTRIBUTE	@L3C 01-DFHMD		
0004EC 00	4755+	DC	X'00'
HIGHLIGHTING ATTRIBUTE	@L3C 01-DFHMD		

```
4758          DFHMDF POS=(24,1),
              LENGTH=20,
```

X

X

ATTRB=(NORM,PROT),

X
COLOR=BLUE,

X

INITIAL='F3=Exit F12=Cancel'

4854+*****

0004ED	4855+	DS	0C
FIELD NAME	@ 01-DFHMD		
0004ED 0000	4856+	DC	AL2(0)
FIELD PAGE POSITION	@ 01-DFHMD		
0004EF 0014	4857+	DC	AL2(20)
FIELD LENGTH	@ 01-DFHMD		

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Active Usings: None

Loc	Object	Code	Addr1	Addr2	Stmt	Source	Statement
HLASM R6.0 2024/11/22 13.54							
0004F1	02				4858+	DC	AL1(2)
FIELD DESCRIPTOR FLAG BYTE					@ 01-DFHMD		
0004F2	60				4859+	DC	CL1'-'
FIELD ATTRIBUTE					@ 01-DFHMD		
0004F3	0730				4860+	DC	
AL2(1840) .					FIELD POSITION	@ 01-DFHMD	
0004F5	F1				4861+	DC	X'F1'
COLOUR ATTRIBUTE					@L3C 01-DFHMD		
0004F6	00				4862+	DC	X'00'
HIGHLIGHTING ATTRIBUTE					@L3C 01-DFHMD		
0004F7	C6F37EC5A789A340				4863+	DC	CL20'F3=Exit
F12=Cancel'					X01-DFHMD		
0004FF	4040C6F1F27EC381				+		
DEFAULT MAP DATA					@		

4864+*****

POS=(24,79),
X

4866 DUMMY2 DFHMDF

X
LENGTH=1,

ATTRB=(DRK,PROT,FSET),

X
INITIAL=' '

4961+*****

00050B	4962+DUMMY2	DS	0C
FIELD NAME	@08A 01-DFHMD		
00050B 0000	4963+	DC	AL2(0)
FIELD PAGE POSITION	@ 01-DFHMD		
00050D 0001	4964+	DC	AL2(1)
FIELD LENGTH	@ 01-DFHMD		
00050F 03	4965+	DC	AL1(3)
FIELD DESCRIPTOR FLAG BYTE	@ 01-DFHMD		
000510 6D	4966+	DC	CL1' _ '
FIELD ATTRIBUTE	@ 01-DFHMD		
000511 077E	4967+	DC	
AL2(1918)	FIELD POSITION	@ 01-DFHMD	
000513 00	4968+	DC	X'00'
COLOUR ATTRIBUTE	@L3C 01-DFHMD		
000514 00	4969+	DC	X'00'
HIGHLIGHTING ATTRIBUTE	@L3C 01-DFHMD		
000515 40	4970+	DC	CL1' ' '
DEFAULT MAP DATA	@ 01-DFHMD		

4971+*****

4973

4974

DFHMSD TYPE=FINAL

5160+*****

0010E	5161+DFHS2	EQU	270	.
MAP SPECIFICATION LENGTH	02-DFHMD			
00157	5162+DFHN2	EQU	343	
INPUT WORK AREA LENGTH	02-DFHMD			
00323	5163+DFHP2	EQU	803	
OUTPUT WORK AREA LENGTH	02-DFHMD			
00000	5164+DFHQ2	EQU	0	
CURSOR POSITION	02-DFHMD			
00000	5165+DFHZ2	EQU	0	
count of useredit fields	@0DA 02-DFHMD			
00010	5166+DFHT2	EQU	16	.
MAP INDICATOR	02-DFHMD			
000516 FFFF	5167+	DC	2XL1	'FF'
END OF MAP	@ 02-DFHMD			
00518	5168+DFHXX2	EQU	*	
@L8A 02-DFHMD				
0023B	5169+DFHX2	EQU	DFHXX2-DFHL2	
offset of descriptor	@L8A 02-DFHMD			
000518 01F4	5170+	DC	AL2(DFHY2)	
@L8A 02-DFHMD				
00051A C1C4E2C4	5171+	DC	C	'ADSD'
@L8A 02-DFHMD				
00051E 0002	5172+	DC	AL2(2)	
index of map within mapset	@L8A 02-DFHMD			
000520 000B	5173+	DC	AL2(11)	
no of fields in ADS	@L8A 02-DFHMD			
000522 015C	5174+	DC	AL2(343+5)	
length of ADS	@L8A 02-DFHMD			
000524 0002	5175+	DC	AL2(2)	
no of attributes per field	@L8A 02-DFHMD			
000526 C3C840404040	5176+	DC	CL6	'CH' '
@L8C 02-DFHMD				
00052C 404040404040	5177+	DC	CL6	' ' '
@L8C 02-DFHMD				
000532 D3	5178+	DC	CL1	'L'
JUSTIFY LEFT or RIGHT	@L8A 02-DFHMD			
000533 40	5179+	DC	CL1	' ' '
JUSTIFY FIRST, LAST or BOTTOM	@L8A 02-DFHMD			
000534 0001	5180+	DC	AL2(1)	

starting line	@L8A 02-DFHMD		
000536 0001	5181+	DC	AL2(1)
starting column	@L8A 02-DFHMD		
000538 0018	5182+	DC	AL2(24)
no of lines	@L8A 02-DFHMD		
00053A 0050	5183+	DC	AL2(80)
no of columns	@L8A 02-DFHMD		

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Active Usings: None

Loc	Object Code	Addr1	Addr2	Stmt	Source	Statement
HLASM R6.0 2024/11/22 13.54						
00053C	C2			5184+	DC	CL1'B'
Write Control Character			@L8A 02-DFHMD			
00053D	00			5185+	DC	BL1'00'
align to half-word boundary			@L8A 02-DFHMD			
00053E	E3D9C1D5C9C4F240			5186+	DC	
CL32	'TRANID2'	field name	@L8A 02-DFHMD			
00055E	0007			5187+	DC	AL2(7)
length of field name			@L8A 02-DFHMD			
000560	0000			5188+	DC	AL2(0)
index within OCCURS			@L8A 02-DFHMD			
000562	000C			5189+	DC	AL2(12)
offset within dsect			@L8A 02-DFHMD			
000564	0004			5190+	DC	AL2(4)
length of field			@L8A 02-DFHMD			
000566	D3			5191+	DC	C'L'
field justification (L or R)			@L8A 02-DFHMD			
000567	40			5192+	DC	C' '
field fill char (blank or 0)			@L8A 02-DFHMD			
000568	C9D5E2E3D9F24040			5193+	DC	CL32'INSTR2'
field name			@L8A 02-DFHMD			
000588	0006			5194+	DC	AL2(6)
length of field name			@L8A 02-DFHMD			
00058A	0000			5195+	DC	AL2(0)
index within OCCURS			@L8A 02-DFHMD			
00058C	0015			5196+	DC	AL2(21)
offset within dsect			@L8A 02-DFHMD			
00058E	004F			5197+	DC	AL2(79)

length of field	@L8A 02-DFHMD		
000590 D3	5198+	DC	C'L'
field justification (L or R)	@L8A 02-DFHMD		
000591 40	5199+	DC	C' '
field fill char (blank or 0)	@L8A 02-DFHMD		
000592 C3E4E2E3D5D6F240	5200+	DC	
CL32'CUSTN02' field name	@L8A 02-DFHMD		
0005B2 0007	5201+	DC	AL2(7)
length of field name	@L8A 02-DFHMD		
0005B4 0000	5202+	DC	AL2(0)
index within OCCURS	@L8A 02-DFHMD		
0005B6 0069	5203+	DC	AL2(105)
offset within dsect	@L8A 02-DFHMD		
0005B8 0006	5204+	DC	AL2(6)
length of field	@L8A 02-DFHMD		
0005BA D3	5205+	DC	C'L'
field justification (L or R)	@L8A 02-DFHMD		
0005BB 40	5206+	DC	C' '
field fill char (blank or 0)	@L8A 02-DFHMD		
0005BC D3D5C1D4C5404040	5207+	DC	CL32'LNAM'
field name	@L8A 02-DFHMD		
0005DC 0005	5208+	DC	AL2(5)
length of field name	@L8A 02-DFHMD		
0005DE 0000	5209+	DC	AL2(0)
index within OCCURS	@L8A 02-DFHMD		
0005E0 0074	5210+	DC	AL2(116)
offset within dsect	@L8A 02-DFHMD		
0005E2 001E	5211+	DC	AL2(30)
length of field	@L8A 02-DFHMD		
0005E4 D3	5212+	DC	C'L'
field justification (L or R)	@L8A 02-DFHMD		
0005E5 40	5213+	DC	C' '
field fill char (blank or 0)	@L8A 02-DFHMD		
0005E6 C6D5C1D4C5404040	5214+	DC	CL32'FNAME'
field name	@L8A 02-DFHMD		
000606 0005	5215+	DC	AL2(5)
length of field name	@L8A 02-DFHMD		
000608 0000	5216+	DC	AL2(0)
index within OCCURS	@L8A 02-DFHMD		

00060A 0097	5217+	DC	AL2(151)
offset within dsect	@L8A 02-DFHMD		
00060C 0014	5218+	DC	AL2(20)
length of field	@L8A 02-DFHMD		
00060E D3	5219+	DC	C 'L'
field justification (L or R)	@L8A 02-DFHMD		
00060F 40	5220+	DC	C ' '
field fill char (blank or 0)	@L8A 02-DFHMD		
000610 C1C4C4D940404040	5221+	DC	CL32 'ADDR'
field name	@L8A 02-DFHMD		
000630 0004	5222+	DC	AL2(4)
length of field name	@L8A 02-DFHMD		
000632 0000	5223+	DC	AL2(0)
index within OCCURS	@L8A 02-DFHMD		
000634 00B0	5224+	DC	AL2(176)
offset within dsect	@L8A 02-DFHMD		
000636 001E	5225+	DC	AL2(30)
length of field	@L8A 02-DFHMD		
000638 D3	5226+	DC	C 'L'
field justification (L or R)	@L8A 02-DFHMD		
000639 40	5227+	DC	C ' '
field fill char (blank or 0)	@L8A 02-DFHMD		
00063A C3C9E3E840404040	5228+	DC	CL32 'CITY'
field name	@L8A 02-DFHMD		
00065A 0004	5229+	DC	AL2(4)
length of field name	@L8A 02-DFHMD		
00065C 0000	5230+	DC	AL2(0)
index within OCCURS	@L8A 02-DFHMD		
00065E 00D3	5231+	DC	AL2(211)
offset within dsect	@L8A 02-DFHMD		
000660 0014	5232+	DC	AL2(20)
length of field	@L8A 02-DFHMD		
000662 D3	5233+	DC	C 'L'
field justification (L or R)	@L8A 02-DFHMD		
000663 40	5234+	DC	C ' '
field fill char (blank or 0)	@L8A 02-DFHMD		
000664 E2E3C1E3C5404040	5235+	DC	CL32 'STATE'
field name	@L8A 02-DFHMD		
000684 0005	5236+	DC	AL2(5)

length of field name	@L8A 02-DFHMD		
000686 0000	5237+	DC	AL2(0)
index within OCCURS	@L8A 02-DFHMD		
000688 00EC	5238+	DC	AL2(236)
offset within dsect	@L8A 02-DFHMD		

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Active Usings: None

Loc	Object	Code	Addr1	Addr2	Stmt	Source	Statement
HLASM R6.0 2024/11/22 13.54							
00068A	0002				5239+	DC	AL2(2)
	length of field				@L8A 02-DFHMD		
00068C	D3				5240+	DC	C'L'
	field justification (L or R)				@L8A 02-DFHMD		
00068D	40				5241+	DC	C' '
	field fill char (blank or 0)				@L8A 02-DFHMD		
00068E	E9C9D7C3D6C4C540				5242+	DC	
CL32	'ZIPCODE'	field name				@L8A 02-DFHMD	
0006AE	0007				5243+	DC	AL2(7)
	length of field name				@L8A 02-DFHMD		
0006B0	0000				5244+	DC	AL2(0)
	index within OCCURS				@L8A 02-DFHMD		
0006B2	00F3				5245+	DC	AL2(243)
	offset within dsect				@L8A 02-DFHMD		
0006B4	000A				5246+	DC	AL2(10)
	length of field				@L8A 02-DFHMD		
0006B6	D3				5247+	DC	C'L'
	field justification (L or R)				@L8A 02-DFHMD		
0006B7	40				5248+	DC	C' '
	field fill char (blank or 0)				@L8A 02-DFHMD		
0006B8	D4E2C7F240404040				5249+	DC	CL32'MSG2'
	field name				@L8A 02-DFHMD		
0006D8	0004				5250+	DC	AL2(4)
	length of field name				@L8A 02-DFHMD		
0006DA	0000				5251+	DC	AL2(0)
	index within OCCURS				@L8A 02-DFHMD		
0006DC	0102				5252+	DC	AL2(258)
	offset within dsect				@L8A 02-DFHMD		
0006DE	004F				5253+	DC	AL2(79)

length of field	@L8A 02-DFHMD		
0006E0 D3	5254+	DC	C'L'
field justification (L or R)	@L8A 02-DFHMD		
0006E1 40	5255+	DC	C' '
field fill char (blank or 0)	@L8A 02-DFHMD		
0006E2 C4E4D4D4E8F24040	5256+	DC	CL32'DUMMY2'
field name	@L8A 02-DFHMD		
000702 0006	5257+	DC	AL2(6)
length of field name	@L8A 02-DFHMD		
000704 0000	5258+	DC	AL2(0)
index within OCCURS	@L8A 02-DFHMD		
000706 0156	5259+	DC	AL2(342)
offset within dsect	@L8A 02-DFHMD		
000708 0001	5260+	DC	AL2(1)
length of field	@L8A 02-DFHMD		
00070A D3	5261+	DC	C'L'
field justification (L or R)	@L8A 02-DFHMD		
00070B 40	5262+	DC	C' '
field fill char (blank or 0)	@L8A 02-DFHMD		
00070C	5263+DFHR2	EQU	*
END OF MAP	02-DFHMD		
001F4	5264+DFHY2	EQU	DFHR2-DFHXX2
length of descriptor	@L8A 02-DFHMD		
0042F	5265+DFHM2	EQU	DFHR2-DFHL2
MAP LENGTH	02-DFHMD		
000000	5266+DFHU0	EQU	0
OVERFLOW TRAILER LEN.	02-DFHMD		
00070C FFFFFFFF	5267+	DC	4X'FF'
END OF MAPSET	@BBAD31J 02-DFHMD		

5268+*****

5363

END

Ordinary Symbol and Literal Cross

Reference	Symbol	Length	Value	Id	R Type	Asm	Program	Defn
References					HLASM R6.0	2024/11/22	13.54	

DFHK1	1	0000004F	00000001	A	U	247	209
DFHK2	1	0000004F	00000001	A	U	2067	2029
DFHL1	1	0000000C	00000001		U	208	247
1971	2025						
DFHL2	1	000002DD	00000001		U	2028	2067
5169	5265						
DFHM1	1	000002D1	00000001	A	U	2025	214
DFHM2	1	0000042F	00000001	A	U	5265	2034
DFHN1	1	0000007B	00000001	A	U	1964	216
DFHN2	1	00000157	00000001	A	U	5162	2036
DFHP1	1	000001EB	00000001	A	U	1965	217
DFHP2	1	00000323	00000001	A	U	5163	2037
DFHQ1	1	00000000	00000001	A	U	1966	220
DFHQ2	1	00000000	00000001	A	U	5164	2040
DFHR1	1	000002DD	00000001		U	2023	2024
2025							
DFHR2	1	0000070C	00000001		U	5263	5264
5265							
DFHS1	1	00000096	00000001	A	U	1963	215
DFHS2	1	0000010E	00000001	A	U	5161	2035
DFHT1	1	00000010	00000001	A	U	1968	226
DFHT2	1	00000010	00000001	A	U	5166	2046
DFHU0	1	00000000	00000001	A	U	5266	107
DFHXX1	1	000001E5	00000001		U	1970	1971
2024							
DFHXX2	1	00000518	00000001		U	5168	5169
5264							
DFHX1	1	000001D9	00000001	A	U	1971	233
DFHX2	1	0000023B	00000001	A	U	5169	2053
DFHY1	1	000000F8	00000001	A	U	2024	1972
DFHY2	1	000001F4	00000001	A	U	5264	5170
DFHZ1	1	00000000	00000001	A	U	1967	230
DFHZ2	1	00000000	00000001	A	U	5165	2050
MNTSF2AM	1	00000000	00000001		J	102	103
104							

Unreferenced Symbols Defined in
Page 25

CSECTs
Defn Symbol

HLASM R6.0 2024/11/22 13.54

1211 ACTION
 3568 ADDR
 3890 CITY
 889 CUSTN01
 2708 CUSTN02
 1857 DUMMY1
 4962 DUMMY2
 3246 FNAME
 2493 INSTR2
 2924 LNAME
 207 MNT1F2A
 2027 MNT2F2A
 105 MSD0001
 1643 MSG1
 4748 MSG2
 4212 STATE
 564 TRANID1
 2384 TRANID2
 4534 ZIPCODE

Macro and Copy Code

Source Summary

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Con Source

Volume

Members

HLASM R6.0 2024/11/22 13.54

L1 DFH610.CICS.SDFHMAC

VTDFHL

DFHANRAT DFHANRWC DFHCOPYR DFHGDEFS DFHMDF DFHMDI

DFHMSD

DFHPRMCK DFHSYS

General Purpose Register Cross

Reference

Page 27

Register References (M=modified, B=branch, U=USING, D=DROP,
 N=index)

HLASM R6.0 2024/11/22 13.54

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)

Assembler Summary

Diagnostic Cross Reference and
Page 28

HLASM R6.0 2024/11/22 13.54

No Statements Flagged in this Assembly

HIGH LEVEL ASSEMBLER, 5696-234, RELEASE 6.0, PTF UI98248

SYSTEM: z/OS 02.05.00

JOBNAME: MNTSBF2A

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	SYS24327.T135421.RA000.MNTSBF2A.TEMPM.H01	KCTR01
L1	SYSLIB	DFH610.CICS.SDFHMAC	VTDFHL
L2		SYS1.MACLIB	VTMVSC
	SYSPRINT	KC03F2A.MNTSBF2A.JOB04854.D0000102.?	
	SYS PUNCH	SYS24327.T135421.RA000.MNTSBF2A.MAP.H01	KCTR01

26864K allocated to Buffer Pool Storage required 1232K

217 Primary Input Records Read 6959 Library Records

Read 0 Work File Reads

0 ASMAOPT Records Read 1220 Primary Print

Records Written 0 Work File Writes

35 Object Records Written 0 ADATA Records

Written

Assembly Start Time: 13.54.22 Stop Time: 13.54.22 Processor Time:

01.11.34.9672

Return Code 000

z/OS V2 R5 BINDER 13:54:22 FRIDAY NOVEMBER 22, 2024

BATCH EMULATOR JOB(MNTSBF2A) 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
MNTSF2AM.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	OFFSET	SECT/PART(ABBREV)	TYPE	SYMBOL(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	MNTSF2A
LOAD LIBRARY	TS0ECCC.CICSTS12.STUDENT.LOADLIB
PROGRAM TYPE	PROGRAM OBJECT(FORMAT 2)
VOLUME SERIAL	KCTR12
DISPOSITION	ADDED NEW
TIME OF SAVE	13.54.23 NOV 22, 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)	00000710
DASD SIZE (HEX)	00001000

ENTRY POINT AND ALIAS SUMMARY:

NAME: STATUS	ENTRY TYPE	AMODE	C_OFFSET	CLASS	NAME
-----------------	------------	-------	----------	-------	------

MNTSF2AM	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 13:54:22 FRIDAY NOVEMBER 22, 2024
BATCH EMULATOR JOB(MNTSBF2A) 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 ****

Option Summary High Level Assembler
(PTF UI98248) Page 1

HLASM R6.0 2024/11/22 13.54
No Overriding ASMAOPT Parameters
Overriding Parameters- SYSPARM(DSECT),DECK,N0BJECT
No Process Statements

Options for this Assembly

NOADATA
ALIGN
NOASA
ASCII(00819)
BATCH
CA(LOCAL)
CE(LOCAL)
CODEPAGE(01148)
NOCOMPAT
CU(LOCAL)
NODATAMAP
NOBCS
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(DSECT)
                                NOTERM
                                NOTEST
                                THREAD
                                NOTRANSLATE
                                TYPECHECK(MAGNITUDE,REGISTER,SIGNED)
```

```
Option Summary High Level Assembler
                (PTF UI98248) Page 2
```

```
HLASM R6.0 2024/11/22 13.54
                UNICODE(01200)
                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	2024/11/22	13.54			
				1 *	PRINT NOGEN
				2 MNTSF2A	DFHMSD
TYPE=&SYSPARM,					X
X					LANG=COBOL,
X					MODE=INOUT,
X					TERM=3270-2,
X					CTRL=FREEKB,
STORAGE=AUTO,					X
DSATTS=(COLOR,HILIGHT),					X
MAPATTS=(COLOR,HILIGHT),					X
					TIOAPFX=YES
				101	

SIZE=(24,80),				102 MNT1F2A	DFHMDI
X					X
					LINE=1,
					COLUMN=1
MNT1F2AI.'				195+	PUNCH ' 01
				@ 01-DFHMD	
02 FILLER PIC X(12).'				196+	PUNCH '
				@BB6D00T 01-DFHMD	
				197	

198 DFHMDF POS=(1,1),
X
LENGTH=7,
X

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

INITIAL='MNT1F2A'
294 DFHMDF POS=(1,20),
X
LENGTH=20,
X

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

INITIAL='Customer Maintenance'
390 TRANID1 DFHMDF POS=(1,76),
X
LENGTH=4,
X

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

INITIAL='VF2A'

	486+	PUNCH	'
02 TRANID1L COMP PIC S9(4).	@BBD5E01	01-DFHMD	
	487+	PUNCH	'
02 TRANID1F PICTURE X.	@BBD5E01	01-DFHMD	
	488+	PUNCH	'
02 FILLER REDEFINES TRANID1F.	@BM13780	01-DFHMD	
	489+	PUNCH	'

03 TRANID1A PICTURE X.'

@BM13780 01-DFHMD

490+ PUNCH '

02 FILLER PICTURE X(2).'

@L3C 01-DFHMD

491+ PUNCH '

02 TRANID1I PIC X(4).'

@BBD5E01 01-DFHMD

492

493 DFHMDF POS=(3,1),

X

LENGTH=63,

X

ATTRB=(NORM,PROT),

X

COLOR=NEUTRAL,

X

INITIAL='Type a customer number. Then select an action X
and press
Enter.'

589 DFHMDF POS=(5,1),

X

LENGTH=24,

X

ATTRB=(NORM,PROT),

X

COLOR=GREEN,

X

INITIAL='Customer number.'

685 CUSTN01 DFHMDF POS=(5,26),

X

LENGTH=6,

X

ATTRB=(NORM,UNPROT,FSET),

X

COLOR=TURQUOISE,

X

INITIAL='_____'

Page 4

Active Usings: None

Loc	Object	Code	Addr1	Addr2	Stmt	Source Statement
HLASM R6.0	2024/11/22	13.54				
				781+		PUNCH '
02	CUSTN01L	COMP PIC S9(4).			@BBD5E01	01-DFHMD
				782+		PUNCH '
02	CUSTN01F	PICTURE X.'			@BBD5E01	01-DFHMD
				783+		PUNCH '
02	FILLER	REDEFINES CUSTN01F.'			@BM13780	01-DFHMD
				784+		PUNCH '
03	CUSTN01A	PICTURE X.'			@BM13780	01-DFHMD
				785+		PUNCH '
02	FILLER	PICTURE X(2).'			@L3C	01-DFHMD
				786+		PUNCH '
02	CUSTN01I	PIC X(6).'			@BBD5E01	01-DFHMD
				787		DFHMDF POS=(5,33),
X						
						LENGTH=1,
X						
						ATTRB=ASKIP
				882		DFHMDF POS=(7,1),
X						
						LENGTH=24,
X						
						ATTRB=(NORM,PROT),
						X
						COLOR=GREEN,
X						
						INITIAL='Action'
				978	ACTION	DFHMDF POS=(7,26),
X						
						LENGTH=1,
X						
						ATTRB=(NORM,NUM,FSET),
						X


```

COLOR=TURQUOISE,
X
INITIAL=' _ '
1074+ PUNCH '
02 ACTIONL COMP PIC S9(4). ' @BBD5E01 01-DFHMD
1075+ PUNCH '
02 ACTIONF PICTURE X.' @BBD5E01 01-DFHMD
1076+ PUNCH '
02 FILLER REDEFINES ACTIONF.' @BM13780 01-DFHMD
1077+ PUNCH '
03 ACTIONA PICTURE X.' @BM13780 01-DFHMD
1078+ PUNCH '
02 FILLER PICTURE X(2).' @L3C 01-DFHMD
1079+ PUNCH '
02 ACTIONI PIC X(1).' @BBD5E01 01-DFHMD
1080 DFHMDF POS=(7,28),
X
LENGTH=21,
X
ATTRB=(NORM,ASKIP),
X
COLOR=NEUTRAL,
X
INITIAL='1.'
Add a new customer'
1176 DFHMDF POS=(8,28),
X
LENGTH=30,
X
ATTRB=(NORM,ASKIP),
X
COLOR=NEUTRAL,
X
INITIAL='2.'
Change an existing customer'
1272 DFHMDF POS=(9,28),
X
LENGTH=21,
X

```

```
ATTRB=(NORM,ASKIP), X
COLOR=NEUTRAL, X
INITIAL='3.
Delete an existing customer'
1368 MSG1 DFHMDF POS=(23,1),
X LENGTH=79,
X
ATTRB=(BRT,PROT), X
COLOR=YELLOW
02 MSG1L COMP PIC S9(4). ' 1464+ PUNCH '
@BBD5E01 01-DFHMD
1465+ PUNCH '
02 MSG1F PICTURE X.' @BBD5E01 01-DFHMD
1466+ PUNCH '
02 FILLER REDEFINES MSG1F.' @BM13780 01-DFHMD
1467+ PUNCH '
03 MSG1A PICTURE X.' @BM13780 01-DFHMD
1468+ PUNCH '
02 FILLER PICTURE X(2). ' @L3C 01-DFHMD
1469+ PUNCH '
02 MSG1I PIC X(79). ' @BBD5E01 01-DFHMD
1470 DFHMDF POS=(24,1),
X LENGTH=20,
X
ATTRB=(NORM,PROT), X
COLOR=BLUE,
X
INITIAL='F3=Exit F12=Cancel'
```

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Active Usings: None

Loc	Object	Code	Addr1	Addr2	Stmt	Source	Statement
-----	--------	------	-------	-------	------	--------	-----------

MNTSBF2A:JOB04854.spool

Friday, November 22, 2024, 1:58 PM

HLASM R6.0 2024/11/22 13.54

POS=(24,79),

X

ATTRB=(DRK,PROT,FSET),

1566 DUMMY1 DFHMDF

X
LENGTH=1,

X
INITIAL=' '

02 DUMMY1L COMP PIC S9(4). '

1661+ PUNCH '

@BBD5E01 01-DFHMD

02 DUMMY1F PICTURE X. '

1662+ PUNCH '

@BBD5E01 01-DFHMD

02 FILLER REDEFINES DUMMY1F. '

1663+ PUNCH '

@BM13780 01-DFHMD

03 DUMMY1A PICTURE X. '

1664+ PUNCH '

@BM13780 01-DFHMD

02 FILLER PICTURE X(2). '

1665+ PUNCH '

@L3C 01-DFHMD

02 DUMMY1I PIC X(1). '

1666+ PUNCH '

@BBD5E01 01-DFHMD

1667

SIZE=(24,80),

1668 MNT2F2A DFHMDF

X
LINE=1,

X

COLUMN=1

MNT1F2A0 REDEFINES MNT1F2AI. '

1761+ PUNCH ' 01

@ 01-DFHMD

02 FILLER PIC X(12). '

1762+ PUNCH '

@BB6D00T 01-DFHMD

02 FILLER PICTURE X(3). '

1763+ PUNCH '

@BM13780 01-DFHMD

02 TRANID1C PICTURE X. '

1764+ PUNCH '

@L3A 01-DFHMD

02 TRANID1H PICTURE X. '

1765+ PUNCH '

@L3A 01-DFHMD

1766+ PUNCH '

02	TRANID10	PIC X(4).'	@BBD5E01	01-DFHMD	
			1767+	PUNCH	'
02	FILLER	PICTURE X(3).'	@BM13780	01-DFHMD	
			1768+	PUNCH	'
02	CUSTN01C	PICTURE X.'	@L3A	01-DFHMD	
			1769+	PUNCH	'
02	CUSTN01H	PICTURE X.'	@L3A	01-DFHMD	
			1770+	PUNCH	'
02	CUSTN010	PIC X(6).'	@BBD5E01	01-DFHMD	
			1771+	PUNCH	'
02	FILLER	PICTURE X(3).'	@BM13780	01-DFHMD	
			1772+	PUNCH	'
02	ACTIONC	PICTURE X.'	@L3A	01-DFHMD	
			1773+	PUNCH	'
02	ACTIONH	PICTURE X.'	@L3A	01-DFHMD	
			1774+	PUNCH	'
02	ACTION0	PIC X(1).'	@BBD5E01	01-DFHMD	
			1775+	PUNCH	'
02	FILLER	PICTURE X(3).'	@BM13780	01-DFHMD	
			1776+	PUNCH	'
02	MSG1C	PICTURE X.'	@L3A	01-DFHMD	
			1777+	PUNCH	'
02	MSG1H	PICTURE X.'	@L3A	01-DFHMD	
			1778+	PUNCH	'
02	MSG10	PIC X(79).'	@BBD5E01	01-DFHMD	
			1779+	PUNCH	'
02	FILLER	PICTURE X(3).'	@BM13780	01-DFHMD	
			1780+	PUNCH	'
02	DUMMY1C	PICTURE X.'	@L3A	01-DFHMD	
			1781+	PUNCH	'
02	DUMMY1H	PICTURE X.'	@L3A	01-DFHMD	
			1782+	PUNCH	'
02	DUMMY10	PIC X(1).'	@BBD5E01	01-DFHMD	
			1783+	PUNCH	'
MNT2F2AI.'			@	01-DFHMD	
			1784+	PUNCH	'
02	FILLER	PIC X(12).'	@BB6D00T	01-DFHMD	
			1785		

01

```

X                               1786          DFHMD F POS=(1,1),
X                               LENGTH=7,
X
ATTRB=(NORM,PROT),              X
X                               COLOR=BLUE,
X
INITIAL='MNT2F2A'
X                               1882          DFHMD F POS=(1,20),
X                               LENGTH=20,
X
ATTRB=(NORM,PROT),              X
X                               COLOR=GREEN,
X
INITIAL='Customer Maintenance'
X                               1978 TRANID2  DFHMD F POS=(1,76),
X                               LENGTH=4,
X
ATTRB=(NORM,PROT),              X
X                               COLOR=BLUE,
X
INITIAL='VF2A'

```

```

                                2074+          PUNCH '
02  TRANID2L    COMP  PIC  S9(4). ' @BBD5E01 01-DFHMD

```

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Active Usings: None

Loc	Object Code	Addr1	Addr2	Stmt	Source Statement
HLASM R6.0	2024/11/22	13.54			
				2075+	PUNCH '

```

02  TRANID2F      PICTURE X.'          @BBD5E01 01-DFHMD
                                         2076+          PUNCH  '
02  FILLER REDEFINES TRANID2F.'        @BM13780 01-DFHMD
                                         2077+          PUNCH  '
03  TRANID2A      PICTURE X.'          @BM13780 01-DFHMD
                                         2078+          PUNCH  '
02  FILLER        PICTURE X(2).        @L3C 01-DFHMD
                                         2079+          PUNCH  '
02  TRANID2I      PIC X(4).            @BBD5E01 01-DFHMD
                                         2080
*****
****
                                         2081 INSTR2    DFHMDF POS=(3,1),
X
                                         LENGTH=79,
X
ATTRB=(NORM,PROT),                      X
COLOR=NEUTRAL
                                         2177+          PUNCH  '
02  INSTR2L      COMP PIC S9(4).        @BBD5E01 01-DFHMD
                                         2178+          PUNCH  '
02  INSTR2F      PICTURE X.'          @BBD5E01 01-DFHMD
                                         2179+          PUNCH  '
02  FILLER REDEFINES INSTR2F.'        @BM13780 01-DFHMD
                                         2180+          PUNCH  '
03  INSTR2A      PICTURE X.'          @BM13780 01-DFHMD
                                         2181+          PUNCH  '
02  FILLER        PICTURE X(2).        @L3C 01-DFHMD
                                         2182+          PUNCH  '
02  INSTR2I      PIC X(79).            @BBD5E01 01-DFHMD
                                         2183          DFHMDF POS=(5,1),
X
                                         LENGTH=24,
X
ATTRB=(NORM,PROT),                      X
                                         COLOR=GREEN,

```

X

INITIAL='Customer number. . . . :'

2279 CUSTN02 DFHMDF POS=(5,26),

X

LENGTH=6,

X

ATTRB=(NORM,PROT,FSET),

X

COLOR=TURQUOISE

02 CUSTN02L COMP PIC S9(4). '

2375+ PUNCH '

@BBD5E01 01-DFHMD

2376+ PUNCH '

02 CUSTN02F PICTURE X. '

@BBD5E01 01-DFHMD

2377+ PUNCH '

02 FILLER REDEFINES CUSTN02F. '

@BM13780 01-DFHMD

2378+ PUNCH '

03 CUSTN02A PICTURE X. '

@BM13780 01-DFHMD

2379+ PUNCH '

02 FILLER PICTURE X(2). '

@L3C 01-DFHMD

2380+ PUNCH '

02 CUSTN02I PIC X(6). '

@BBD5E01 01-DFHMD

2381

2382 DFHMDF POS=(7,1),

X

LENGTH=24,

X

ATTRB=(NORM,PROT),

X

COLOR=GREEN,

X

INITIAL='Last name. '

2478 LNAME DFHMDF POS=(7,26),

X

LENGTH=30,

X

ATTRB=(NORM,UNPROT,FSET),

X

COLOR=TURQUOISE

```
02  LNAMEL    COMP  PIC  S9(4). '    2574+          PUNCH '
                                @BBD5E01 01-DFHMD
02  LNAMEF    PICTURE X.'          2575+          PUNCH '
                                @BBD5E01 01-DFHMD
02  FILLER REDEFINES LNAMEF.'      2576+          PUNCH '
                                @BM13780 01-DFHMD
03  LNAMEA    PICTURE X.'          2577+          PUNCH '
                                @BM13780 01-DFHMD
02  FILLER    PICTURE X(2). '      2578+          PUNCH '
                                @L3C 01-DFHMD
02  LNAMEI    PIC X(30). '          2579+          PUNCH '
                                @BBD5E01 01-DFHMD
                                2580          DFHMDF POS=(7,57),
```

X

LENGTH=1,

X

ATTRB=ASKIP

2675

```
*****
****
```

2676 DFHMDF POS=(8,1),

X

LENGTH=24,

X

ATTRB=(NORM,PROT),

X

COLOR=GREEN,

X

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Active Usings: None

Loc	Object Code	Addr1	Addr2	Stmt	Source Statement
HLASM R6.0	2024/11/22	13.54			

INITIAL='First name'

2772 FNAME DFHMD F POS=(8,26),

X

LENGTH=20,

X

ATTRB=(NORM,UNPROT,FSET),

X

COLOR=TURQUOISE

02 FNAMEL COMP PIC S9(4). '

2868+ PUNCH '

@BBD5E01 01-DFHMD

02 FNAMEF PICTURE X. '

2869+ PUNCH '

@BBD5E01 01-DFHMD

02 FILLER REDEFINES FNAMEF. '

2870+ PUNCH '

@BM13780 01-DFHMD

03 FNAMEA PICTURE X. '

2871+ PUNCH '

@BM13780 01-DFHMD

02 FILLER PICTURE X(2). '

2872+ PUNCH '

@L3C 01-DFHMD

02 FNAMEI PIC X(20). '

2873+ PUNCH '

@BBD5E01 01-DFHMD

2874 DFHMD F POS=(8,47),

X

LENGTH=1,

X

ATTRB=ASKIP

2969

2970

DFHMD F POS=(9,1),

X

LENGTH=24,

X

ATTRB=(NORM,PROT),

X

COLOR=GREEN,

X

INITIAL='Address.'

MNTSBF2A:JOB04854.spool

Friday, November 22, 2024, 1:58 PM

POS=(10,26),

X
LENGTH=20,

X

ATTRB=(NORM,UNPROT,FSET),

X

COLOR=TURQUOISE

02 CITYL COMP PIC S9(4). '

3456+ PUNCH '
@BBD5E01 01-DFHMD

02 CITYF PICTURE X. '

3457+ PUNCH '
@BBD5E01 01-DFHMD

02 FILLER REDEFINES CITYF. '

3458+ PUNCH '
@BM13780 01-DFHMD

03 CITYA PICTURE X. '

3459+ PUNCH '
@BM13780 01-DFHMD

02 FILLER PICTURE X(2). '

3460+ PUNCH '
@L3C 01-DFHMD

02 CITYI PIC X(20). '

3461+ PUNCH '
@BBD5E01 01-DFHMD

POS=(10,47),

3462 DFHMDF

X
LENGTH=1,

X

ATTRB=ASKIP

3557

3558 DFHMDF POS=(11,1),

X

LENGTH=24,

X

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Active Usings: None

Loc	Object	Code	Addr1	Addr2	Stmt	Source	Statement
HLASM R6.0	2024/11/22	13.54					

ATTRB=(NORM,PROT),

X
COLOR=GREEN,

X

INITIAL='State. '

3654 STATE DFHMDF

POS=(11,26),

X
LENGTH=2,

X

ATTRB=(NORM,UNPROT,FSET),

X

COLOR=TURQUOISE

02 STATEL COMP PIC S9(4). '

3750+ PUNCH '

@BBD5E01 01-DFHMD

3751+ PUNCH '

02 STATEF PICTURE X. '

@BBD5E01 01-DFHMD

3752+ PUNCH '

02 FILLER REDEFINES STATEF. '

@BM13780 01-DFHMD

3753+ PUNCH '

03 STATEA PICTURE X. '

@BM13780 01-DFHMD

3754+ PUNCH '

02 FILLER PICTURE X(2). '

@L3C 01-DFHMD

3755+ PUNCH '

02 STATEI PIC X(2). '

@BBD5E01 01-DFHMD

3756 DFHMDF

POS=(11,29),

X
LENGTH=1,

X

ATTRB=ASKIP

3851

3852

DFHMDF POS=(12,1),

X

LENGTH=24,

X

ATTRB=(NORM,PROT),

X
COLOR=GREEN,

X

```
INITIAL='Zip
Code . . . . . '
POS=(12,26),
X
ATTRB=(NORM,UNPROT,FSET),
X
COLOR=TURQUOISE
02 ZIPCODEL    COMP  PIC  S9(4). ' 4044+          PUNCH '
                                @BBD5E01 01-DFHMD
02 ZIPCODEF    PICTURE X.'         4045+          PUNCH '
                                @BBD5E01 01-DFHMD
02 FILLER REDEFINES ZIPCODEF.'     4046+          PUNCH '
                                @BM13780 01-DFHMD
03 ZIPCODEA    PICTURE X.'         4047+          PUNCH '
                                @BM13780 01-DFHMD
02 FILLER      PICTURE X(2). '     4048+          PUNCH '
                                @L3C 01-DFHMD
02 ZIPCODEI    PIC X(10). '        4049+          PUNCH '
                                @BBD5E01 01-DFHMD
                                4050          DFHMDF
POS=(12,37),
X
                                ATTRB=ASKIP
                                4145
*****
*****
                                4146 MSG2          DFHMDF POS=(23,1),
X
                                LENGTH=79,
X
ATTRB=(BRT,PROT),
X
                                COLOR=YELLOW
02 MSG2L      COMP  PIC  S9(4). ' 4242+          PUNCH '
                                @BBD5E01 01-DFHMD
```

```

02 MSG2F      PICTURE X.'
02 FILLER REDEFINES MSG2F.'
03 MSG2A      PICTURE X.'
02 FILLER      PICTURE X(2). '
02 MSG2I      PIC X(79). '
X
X
ATTRB=(NORM,PROT),
X
INITIAL='F3=Exit  F12=Cancel'
POS=(24,79),
X
ATTRB=(DRK,PROT,FSET),
X
4243+          PUNCH '
@BBD5E01 01-DFHMD
4244+          PUNCH '
@BM13780 01-DFHMD
4245+          PUNCH '
@BM13780 01-DFHMD
4246+          PUNCH '
@L3C 01-DFHMD
4247+          PUNCH '
@BBD5E01 01-DFHMD
4248          DFHMDF POS=(24,1),
                                LENGTH=20,
X
                                COLOR=BLUE,
X
4344 DUMMY2    DFHMDF
X
                                LENGTH=1,
X
                                INITIAL=' '

```

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Active Usings: None

Loc	Object	Code	Addr1	Addr2	Stmt	Source Statement
HLASM R6.0	2024/11/22	13.54				
02	DUMMY2L	COMP	PIC	S9(4).	4439+	PUNCH ' @BBD5E01 01-DFHMD
02	DUMMY2F	PICTURE	X.		4440+	PUNCH ' @BBD5E01 01-DFHMD
02	FILLER	REDEFINES	DUMMY2F.		4441+	PUNCH ' @BM13780 01-DFHMD
					4442+	PUNCH '

```

03 DUMMY2A      PICTURE X.'          @BM13780 01-DFHMD
                                         4443+      PUNCH  '
02 FILLER      PICTURE X(2). '        @L3C 01-DFHMD
                                         4444+      PUNCH  '
02 DUMMY2I     PIC X(1). '            @BBD5E01 01-DFHMD
                                         4445
*****
****
                                         4446      DFHMSD TYPE=FINAL
                                         4632+      PUNCH  '          01
MNT2F2A0 REDEFINES MNT2F2AI.'          @ 02-DFHMD
                                         4633+      PUNCH  '
02 FILLER     PIC X(12). '            @BB6D00T 02-DFHMD
                                         4634+      PUNCH  '
02 FILLER     PICTURE X(3). '          @BM13780 02-DFHMD
                                         4635+      PUNCH  '
02 TRANID2C   PICTURE X.'            @L3A 02-DFHMD
                                         4636+      PUNCH  '
02 TRANID2H   PICTURE X.'            @L3A 02-DFHMD
                                         4637+      PUNCH  '
02 TRANID20   PIC X(4). '            @BBD5E01 02-DFHMD
                                         4638+      PUNCH  '
02 FILLER     PICTURE X(3). '          @BM13780 02-DFHMD
                                         4639+      PUNCH  '
02 INSTR2C    PICTURE X.'            @L3A 02-DFHMD
                                         4640+      PUNCH  '
02 INSTR2H    PICTURE X.'            @L3A 02-DFHMD
                                         4641+      PUNCH  '
02 INSTR20    PIC X(79). '           @BBD5E01 02-DFHMD
                                         4642+      PUNCH  '
02 FILLER     PICTURE X(3). '          @BM13780 02-DFHMD
                                         4643+      PUNCH  '
02 CUSTN02C   PICTURE X.'            @L3A 02-DFHMD
                                         4644+      PUNCH  '
02 CUSTN02H   PICTURE X.'            @L3A 02-DFHMD
                                         4645+      PUNCH  '
02 CUSTN020   PIC X(6). '           @BBD5E01 02-DFHMD
                                         4646+      PUNCH  '
02 FILLER     PICTURE X(3). '          @BM13780 02-DFHMD

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02	LNAMEC	PICTURE X.'	4647+	PUNCH	'
			@L3A	02-DFHMD	
02	LNAMEH	PICTURE X.'	4648+	PUNCH	'
			@L3A	02-DFHMD	
02	LNAMEO	PIC X(30).'	4649+	PUNCH	'
			@BBD5E01	02-DFHMD	
02	FILLER	PICTURE X(3).'	4650+	PUNCH	'
			@BM13780	02-DFHMD	
02	FNAMEC	PICTURE X.'	4651+	PUNCH	'
			@L3A	02-DFHMD	
02	FNAMEH	PICTURE X.'	4652+	PUNCH	'
			@L3A	02-DFHMD	
02	FNAMEO	PIC X(20).'	4653+	PUNCH	'
			@BBD5E01	02-DFHMD	
02	FILLER	PICTURE X(3).'	4654+	PUNCH	'
			@BM13780	02-DFHMD	
02	ADDRC	PICTURE X.'	4655+	PUNCH	'
			@L3A	02-DFHMD	
02	ADDRH	PICTURE X.'	4656+	PUNCH	'
			@L3A	02-DFHMD	
02	ADDRO	PIC X(30).'	4657+	PUNCH	'
			@BBD5E01	02-DFHMD	
02	FILLER	PICTURE X(3).'	4658+	PUNCH	'
			@BM13780	02-DFHMD	
02	CITYC	PICTURE X.'	4659+	PUNCH	'
			@L3A	02-DFHMD	
02	CITYH	PICTURE X.'	4660+	PUNCH	'
			@L3A	02-DFHMD	
02	CITYO	PIC X(20).'	4661+	PUNCH	'
			@BBD5E01	02-DFHMD	
02	FILLER	PICTURE X(3).'	4662+	PUNCH	'
			@BM13780	02-DFHMD	
02	STATEC	PICTURE X.'	4663+	PUNCH	'
			@L3A	02-DFHMD	
02	STATEH	PICTURE X.'	4664+	PUNCH	'
			@L3A	02-DFHMD	
02	STATEO	PIC X(2).'	4665+	PUNCH	'
			@BBD5E01	02-DFHMD	
			4666+	PUNCH	'


```

02  FILLER PICTURE X(3). '      @BM13780 02-DFHMD
                                4667+      PUNCH '
02  ZIPCODEC      PICTURE X. '      @L3A 02-DFHMD
                                4668+      PUNCH '
02  ZIPCODEH      PICTURE X. '      @L3A 02-DFHMD
                                4669+      PUNCH '
02  ZIPCODE0 PIC X(10). '      @BBD5E01 02-DFHMD
                                4670+      PUNCH '
02  FILLER PICTURE X(3). '      @BM13780 02-DFHMD
                                4671+      PUNCH '
02  MSG2C      PICTURE X. '      @L3A 02-DFHMD
                                4672+      PUNCH '
02  MSG2H      PICTURE X. '      @L3A 02-DFHMD
                                4673+      PUNCH '
02  MSG20 PIC X(79). '      @BBD5E01 02-DFHMD
                                4674+      PUNCH '
02  FILLER PICTURE X(3). '      @BM13780 02-DFHMD
                                4675+      PUNCH '
02  DUMMY2C      PICTURE X. '      @L3A 02-DFHMD
                                4676+      PUNCH '
02  DUMMY2H      PICTURE X. '      @L3A 02-DFHMD
                                4677+      PUNCH '
02  DUMMY20 PIC X(1). '      @BBD5E01 02-DFHMD
                                4771      END

```

Macro and Copy Code

Source Summary

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Con Source

Volume

Members

HLASM R6.0 2024/11/22 13.54

L1 DFH610.CICS.SDFHMAC

VTDFHL

DFHANRAT DFHANRWC DFHCOPYR DFHGDEFS DFHMDF DFHMDI

DFHMSD

DFHPRMCK DFHSYS

General Purpose Register Cross

Reference

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Register References (M=modified, B=branch, U=USING, D=DROP,
N=index) HLASM R6.0 2024/11/22 13.54

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)

Assembler Summary

Diagnostic Cross Reference and
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HLASM R6.0 2024/11/22 13.54

No Statements Flagged in this Assembly

HIGH LEVEL ASSEMBLER, 5696-234, RELEASE 6.0, PTF UI98248

SYSTEM: z/OS 02.05.00

JOBNAME: MNTSBF2A

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	SYS24327.T135421.RA000.MNTSBF2A.TEMPM.H01	KCTR01
L1	SYSLIB	DFH610.CICS.SDFHMAC	VTDFHL
L2		SYS1.MACLIB	VTMVSC
		SYSPRINT KC03F2A.MNTSBF2A.JOB04854.D0000104.?	
		SYSPUNCH KC03F2A.DCMAFD02.A5P3.COBOL	KCTR10

MNTSF2A

26836K allocated to Buffer Pool	Storage required	1188K
217 Primary Input Records Read	6959 Library Records	
Read	0 Work File Reads	

MNTSBF2A:JOB04854.spool

Friday, November 22, 2024, 1:58 PM

0 ASMAOPT Records Read	518 Primary Print
Records Written	0 Work File Writes
168 Object Records Written	0 ADATA Records
Written	

Assembly Start Time: 13.54.23 Stop Time: 13.54.23 Processor Time:
01.11.34.9672
Return Code 000