```
   1            J E S 2   J O B   L O G  --  S Y S T E M   2 9 6 4  --  N O D E   S V S C J E
  S 2
   2
   3 11.52.21 JOB02415 ---- TUESDAY,   28 MAR 2023 ----
   4 11.52.21 JOB02415  IRR010I  USERID KC03FEC  IS ASSIGNED TO THIS JOB.
   5 11.52.22 JOB02415  ICH70001I KC03FEC  LAST ACCESS AT 11:51:10 ON TUESDAY, MARCH 28, 2023
   6 11.52.22 JOB02415  $HASP373 UUMSBFEC STARTED - INIT 1    - CLASS A        - SYS 2964
   7 11.52.23 JOB02415  -                                    -----TIMINGS (MINS.)------
   -----PAGING COUNTS----
   8 11.52.23 JOB02415  -STEPNAME PROCSTEP    RC   EXCP   CONN      TCB      SRB  CLOCK
  SERV  WORKLOAD  PAGE  SWAP    VIO SWAPS
   9 11.52.23 JOB02415  -MAPSET   COPY        00    51    12      .00      .00    .0
   6  BATCH        0     0     0     0
  10 11.52.24 JOB02415  -MAPSET   ASMMAP      00   134    50      .00      .00    .0
  18  BATCH        0     0     0     0
  11 11.52.24 JOB02415  -MAPSET   LINKMAP     00    93    22      .00      .00    .0
   5  BATCH        0     0     0     0
  12 11.52.25 JOB02415  -MAPSET   ASMDSECT    00   156    51      .00      .00    .0
  18  BATCH        0     0     0     0
  13 11.52.25 JOB02415  -UUMSBFEC ENDED.  NAME-                    TOTAL TCB CPU TIME=      .00
  TOTAL ELAPSED TIME=    .0
  14 11.52.25 JOB02415  $HASP395 UUMSBFEC ENDED - RC=0000
  15 ------ JES2 JOB STATISTICS ------
  16   28 MAR 2023 JOB EXECUTION DATE
  17           35 CARDS READ
  18        1,126 SYSOUT PRINT RECORDS
  19            0 SYSOUT PUNCH RECORDS
  20          101 SYSOUT SPOOL KBYTES
  21         0.05 MINUTES EXECUTION TIME
  22        1 //UUMSBFEC JOB 3U391710000034,MSGCLASS=Q,MSGLEVEL=(1,1)            JOB02415
  23          //********************************************************************
  24          //*   THIS IS THE BMS MAP DEFINITION
  25          //*   WHICH IS USED TO ASSEMBLE PHYSICAL AND SYMBOLIC MAPS
  26          //********************************************************************
  27          //*
  28          //*   TO CUSTOMIZE THIS SCRIPT YOU WILL NEED TO CHANGE THE FOLLOWING:
  29          //*
  30          //*
  31          //*     DSCTLIB - SET THIS TO THE NAME OF THE DATASET WHICH CONTAINS
  32          //*               YOUR CICS/COBOL APPLICATION CODE.
  33          //*
  34          //*     MAPNAME - SET THIS TO THE MAP SET NAME PROVIDED BY YOUR
  35          //*               INSTRUCTOR (SHOULD BE DURXXX# WHERE XXX ARE THE LAST
  36          //*               THREE CHARACTERS IN YOUR USER ID AND # IS THE NUMBER
  37          //*               OF THE MAP)
  38          //*
  39          //*     BMSLIB  - SET THIS TO THE NAME OF THE DATASET WHICH CONTAINS
  40          //*               YOUR BMS CODE TO BE INTERPRETED
  41          //*
  42          //********************************************************************
  43          //*
  44          //*
  45        2 //CICSPROC JCLLIB ORDER=(TSOECCC.CICSTS12.PROCLIB)
  46        3 //MAPSET EXEC DFHMAPS,OUTC='*',RMODE=24,
  47          //*
  48          //  BMSLIB='KC03FEC.A2.BMS',
  49          //  MAPNAME='MENSFEC',
```

```
 50              //   DSCTLIB='KC03FEC.A2.COBOL',
 51              //*
 52              //*** DO NOT CHANGE MAPLIB OR INDEX!!!
 53              //   MAPLIB='TSOECCC.CICSTS12.STUDENT.LOADLIB',
 54              //   INDEX='DFH550.CICS'
 55          4 XXDFHMAPS PROC INDEX='DFH550.CICS', FOR MACLIB                    02000016
 56            XX              MAPLIB=,                      TARGET FOR MAP        04000015
 57            XX              DSCTLIB=,                     TARGET FOR DSECT      06000015
 58            XX              MAPNAME=,                     NAME OF MAPSET - REQUIRED 08000015
 59            XX              A=,                           A=A FOR ALIGNED MAP   10000015
 60            XX              RMODE=ANY,                    24/ANY               10300015
 61            XX              ASMBLR=ASMA90,                ASSEMBLER PROGRAM NAME 10600015
 62            XX              REG=2048K,                    REGION FOR ASSEMBLY   10900015
 63            XX              OUTC=*,                       PRINT SYSOUT CLASS    16000015
 64            XX              WORK=SYSDA                    WORK FILE UNIT        18000015
 65          5 XXCOPY     EXEC PGM=IEBGENER                                       20000015
 66          6 XXSYSPRINT DD SYSOUT=&OUTC                                         22000015
 67            IEFC653I SUBSTITUTION JCL - SYSOUT=*
 68          7 XXSYSUT2   DD DSN=&&TEMPM,UNIT=&WORK,DISP=(,PASS),                 24000015
 69            XX            DCB=(RECFM=FB,LRECL=80,BLKSIZE=400),                 26000015
 70            XX            SPACE=(400,(50,50))                                  28000015
 71            IEFC653I SUBSTITUTION JCL - DSN=&&TEMPM,UNIT=SYSDA,DISP=(,PASS),DCB=
    (RECFM=FB,LRECL=80,BLKSIZE=400),
 72            SPACE=(400,(50,50))
 73          8 XXSYSIN    DD DUMMY                                               30000015
 74            XX* SYSUT1 DD * NEEDED FOR THE MAP SOURCE                         32000015
 75          9 //COPY.SYSUT1 DD DSN=&BMSLIB(&MAPNAME),DISP=SHR                   
 76            IEFC653I SUBSTITUTION JCL - DSN=KC03FEC.A2.BMS(MENSFEC),DISP=SHR
 77         10 XXASMMAP   EXEC PGM=&ASMBLR,REGION=&REG,                          34000015
 78            XX* NOLOAD CHANGED TO NOOBJECT                         @BA91512 35000015
 79            XX   PARM='SYSPARM(&A.MAP),DECK,NOOBJECT'                         36000015
 80            IEFC653I SUBSTITUTION JCL -
    PGM=ASMA90,REGION=2048K,PARM='SYSPARM(MAP),DECK,NOOBJECT'
 81         11 XXSYSPRINT DD SYSOUT=&OUTC                                        38000015
 82            IEFC653I SUBSTITUTION JCL - SYSOUT=*
 83         12 XXSYSLIB   DD DSN=&INDEX..SDFHMAC,DISP=SHR                        40000015
 84            IEFC653I SUBSTITUTION JCL - DSN=DFH550.CICS.SDFHMAC,DISP=SHR
 85         13 XX         DD DSN=SYS1.MACLIB,DISP=SHR                            42000015
 86         14 XXSYSUT1   DD UNIT=&WORK,SPACE=(CYL,(5,5))                        44000015
 87            IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,5))
 88         15 XXSYSUT2   DD UNIT=&WORK,SPACE=(CYL,(5,5))                        46000015
 89            IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,5))
 90         16 XXSYSUT3   DD UNIT=&WORK,SPACE=(CYL,(5,5))                        48000015
 91            IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,5))
 92         17 XXSYSPUNCH DD DSN=&&MAP,DISP=(,PASS),UNIT=&WORK,                  50000015
 93            XX            DCB=(RECFM=FB,LRECL=80,BLKSIZE=400),                 52000015
 94            XX            SPACE=(400,(50,50))                                  54000015
 95            IEFC653I SUBSTITUTION JCL - DSN=&&MAP,DISP=(,PASS),UNIT=SYSDA,DCB=
    (RECFM=FB,LRECL=80,BLKSIZE=400),SPACE=(400,
 96            (50,50))
 97         18 XXSYSIN    DD DSN=&&TEMPM,DISP=(OLD,PASS)                         56000015
 98         19 XXLINKMAP  EXEC PGM=IEWL,PARM='LIST,LET,XREF,RMODE(&RMODE)'       58000015
 99            IEFC653I SUBSTITUTION JCL - PGM=IEWL,PARM='LIST,LET,XREF,RMODE(24)'
100         20 XXSYSPRINT DD SYSOUT=&OUTC                                        60000015
101            IEFC653I SUBSTITUTION JCL - SYSOUT=*
102         21 XXSYSLMOD  DD DSN=&MAPLIB(&MAPNAME),DISP=SHR                      62000015
103            IEFC653I SUBSTITUTION JCL - DSN=TSOECCC.CICSTS12.STUDENT.LOADLIB(MENSFEC),DISP=SHR
```

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104       22 XXSYSUT1   DD UNIT=&WORK,SPACE=(1024,(20,20))                         64000015
105          IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1024,(20,20))
106       23 XXSYSLIN   DD DSN=&&MAP,DISP=(OLD,DELETE)                             67000015
107          XX* NOLOAD CHANGED TO NOOBJECT                             @BA91512 68000015
108       24 XXASMDSECT EXEC PGM=&ASMBLR,REGION=&REG,                              70000015
109          XX   PARM='SYSPARM(&A.DSECT),DECK,NOOBJECT'                           73000015
110          IEFC653I SUBSTITUTION JCL -
   PGM=ASMA90,REGION=2048K,PARM='SYSPARM(DSECT),DECK,NOOBJECT'
111       25 XXSYSPRINT DD SYSOUT=&OUTC                                            76000015
112          IEFC653I SUBSTITUTION JCL - SYSOUT=*
113       26 XXSYSLIB   DD DSN=&INDEX..SDFHMAC,DISP=SHR                            79000015
114          IEFC653I SUBSTITUTION JCL - DSN=DFH550.CICS.SDFHMAC,DISP=SHR
115       27 XX         DD DSN=SYS1.MACLIB,DISP=SHR                               82000015
116       28 XXSYSUT1   DD UNIT=&WORK,SPACE=(CYL,(5,5))                            85000015
117          IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,5))
118       29 XXSYSUT2   DD UNIT=&WORK,SPACE=(CYL,(5,5))                            88000015
119          IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,5))
120       30 XXSYSUT3   DD UNIT=&WORK,SPACE=(CYL,(5,5))                            91000015
121          IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,5))
122       31 //ASMDSECT.SYSPUNCH DD DSN=&DSCTLIB(&MAPNAME)
123          IEFC653I SUBSTITUTION JCL - DSN=KC03FEC.A2.COBOL(MENSFEC)
124          X/SYSPUNCH DD DSN=&DSCTLIB(&MAPNAME),DISP=OLD                        94000015
125          IEFC653I SUBSTITUTION JCL - DSN=KC03FEC.A2.COBOL(MENSFEC),DISP=OLD
126       32 XXSYSIN    DD DSN=&&TEMPM,DISP=(OLD,DELETE)                          97000015
127 STMT NO. MESSAGE
128        3 IEFC001I PROCEDURE DFHMAPS WAS EXPANDED USING PRIVATE LIBRARY
   TSOECCC.CICSTS12.PROCLIB
129 ICH70001I KC03FEC  LAST ACCESS AT 11:51:10 ON TUESDAY, MARCH 28, 2023
130 IEFA111I UUMSBFEC IS USING THE FOLLOWING JOB RELATED SETTINGS:
131       SWA=ABOVE,TIOT SIZE=32K,DSENQSHR=DISALLOW,GDGBIAS=JOB
132 IEF236I ALLOC. FOR UUMSBFEC COPY MAPSET
133 IEF237I JES2 ALLOCATED TO SYSPRINT
134 IGD101I SMS ALLOCATED TO DDNAME (SYSUT2  )
135       DSN (SYS23087.T115222.RA000.UUMSBFEC.TEMPM.H01   )
136       STORCLAS (TEMPSC) MGMTCLAS (       ) DATACLAS (       )
137       VOL SER NOS= TEMP00
138 IEF237I DMY  ALLOCATED TO SYSIN
139 IGD103I SMS ALLOCATED TO DDNAME SYSUT1
140 IEF142I UUMSBFEC COPY MAPSET - STEP WAS EXECUTED - COND CODE 0000
141 IEF285I   KC03FEC.UUMSBFEC.JOB02415.D0000101.?          SYSOUT
142 IGD106I SYS23087.T115222.RA000.UUMSBFEC.TEMPM.H01   PASSED,    DDNAME=SYSUT2
143 IGD104I KC03FEC.A2.BMS                             RETAINED,  DDNAME=SYSUT1
144 IEF373I STEP/COPY   /START 2023087.1152
145 IEF032I STEP/COPY   /STOP  2023087.1152
146       CPU:    0 HR  00 MIN  00.00 SEC    SRB:     0 HR  00 MIN  00.00 SEC
147       VIRT:  192K  SYS:   256K  EXT:      4K  SYS:    13144K
148       ATB- REAL:              1056K  SLOTS:                    0K
149         VIRT- ALLOC:     13M SHRD:     0M
150 IEF236I ALLOC. FOR UUMSBFEC ASMMAP MAPSET
151 IEF237I JES2 ALLOCATED TO SYSPRINT
152 IEF237I 0DDD ALLOCATED TO SYSLIB
153 IEF237I 1001 ALLOCATED TO
154 IGD101I SMS ALLOCATED TO DDNAME (SYSUT1  )
155       DSN (SYS23087.T115222.RA000.UUMSBFEC.R0199033    )
156       STORCLAS (TEMPSC) MGMTCLAS (       ) DATACLAS (       )
157       VOL SER NOS= TEMP00
158 IGD101I SMS ALLOCATED TO DDNAME (SYSUT2  )
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159        DSN (SYS23087.T115222.RA000.UUMSBFEC.R0199034    )
160        STORCLAS (TEMPSC) MGMTCLAS (       ) DATACLAS (       )
161        VOL SER NOS= TEMP00
162 IGD101I SMS ALLOCATED TO DDNAME (SYSUT3  )
163        DSN (SYS23087.T115222.RA000.UUMSBFEC.R0199035    )
164        STORCLAS (TEMPSC) MGMTCLAS (       ) DATACLAS (       )
165        VOL SER NOS= TEMP00
166 IGD101I SMS ALLOCATED TO DDNAME (SYSPUNCH)
167        DSN (SYS23087.T115222.RA000.UUMSBFEC.MAP.H01    )
168        STORCLAS (TEMPSC) MGMTCLAS (       ) DATACLAS (       )
169        VOL SER NOS= TEMP00
170 IGD103I SMS ALLOCATED TO DDNAME SYSIN
171 IEF142I UUMSBFEC ASMMAP MAPSET - STEP WAS EXECUTED - COND CODE 0000
172 IEF285I   KC03FEC.UUMSBFEC.JOB02415.D0000102.?       SYSOUT
173 IEF285I   DFH550.CICS.SDFHMAC                         KEPT
174 IEF285I   VOL SER NOS= VTDFHJ.
175 IEF285I   SYS1.MACLIB                                 KEPT
176 IEF285I   VOL SER NOS= VTMVSC.
177 IGD105I SYS23087.T115222.RA000.UUMSBFEC.R0199033    DELETED,   DDNAME=SYSUT1
178 IGD105I SYS23087.T115222.RA000.UUMSBFEC.R0199034    DELETED,   DDNAME=SYSUT2
179 IGD105I SYS23087.T115222.RA000.UUMSBFEC.R0199035    DELETED,   DDNAME=SYSUT3
180 IGD106I SYS23087.T115222.RA000.UUMSBFEC.MAP.H01     PASSED,    DDNAME=SYSPUNCH
181 IGD106I SYS23087.T115222.RA000.UUMSBFEC.TEMPM.H01   PASSED,    DDNAME=SYSIN
182 IEF373I STEP/ASMMAP  /START 2023087.1152
183 IEF032I STEP/ASMMAP  /STOP  2023087.1152
184        CPU:    0 HR  00 MIN  00.01 SEC   SRB:    0 HR  00 MIN  00.00 SEC
185        VIRT:  248K  SYS:  256K  EXT:   32768K  SYS:   13096K
186        ATB- REAL:            1092K  SLOTS:                  0K
187          VIRT- ALLOC:    20M SHRD:    0M
188 IEF236I ALLOC. FOR UUMSBFEC LINKMAP MAPSET
189 IEF237I JES2 ALLOCATED TO SYSPRINT
190 IGD103I SMS ALLOCATED TO DDNAME SYSLMOD
191 IGD101I SMS ALLOCATED TO DDNAME (SYSUT1  )
192        DSN (SYS23087.T115222.RA000.UUMSBFEC.R0199036    )
193        STORCLAS (TEMPSC) MGMTCLAS (       ) DATACLAS (       )
194        VOL SER NOS= TEMP00
195 IGD103I SMS ALLOCATED TO DDNAME SYSLIN
196 IEF142I UUMSBFEC LINKMAP MAPSET - STEP WAS EXECUTED - COND CODE 0000
197 IEF285I   KC03FEC.UUMSBFEC.JOB02415.D0000103.?       SYSOUT
198 IGD104I TSOECCC.CICSTS12.STUDENT.LOADLIB            RETAINED,  DDNAME=SYSLMOD
199 IGD105I SYS23087.T115222.RA000.UUMSBFEC.R0199036    DELETED,   DDNAME=SYSUT1
200 IGD105I SYS23087.T115222.RA000.UUMSBFEC.MAP.H01     DELETED,   DDNAME=SYSLIN
201 IEF373I STEP/LINKMAP /START 2023087.1152
202 IEF032I STEP/LINKMAP /STOP  2023087.1152
203        CPU:    0 HR  00 MIN  00.00 SEC   SRB:    0 HR  00 MIN  00.00 SEC
204        VIRT:   88K  SYS:  248K  EXT:    1640K  SYS:   13104K
205        ATB- REAL:            1092K  SLOTS:                  0K
206          VIRT- ALLOC:    19M SHRD:    0M
207 IEF236I ALLOC. FOR UUMSBFEC ASMDSECT MAPSET
208 IEF237I JES2 ALLOCATED TO SYSPRINT
209 IEF237I 0DDD ALLOCATED TO SYSLIB
210 IEF237I 1001 ALLOCATED TO
211 IGD101I SMS ALLOCATED TO DDNAME (SYSUT1  )
212        DSN (SYS23087.T115222.RA000.UUMSBFEC.R0199037    )
213        STORCLAS (TEMPSC) MGMTCLAS (       ) DATACLAS (       )
214        VOL SER NOS= TEMP00
215 IGD101I SMS ALLOCATED TO DDNAME (SYSUT2  )
```

```
216          DSN (SYS23087.T115222.RA000.UUMSBFEC.R0199038    )
217          STORCLAS (TEMPSC) MGMTCLAS (        ) DATACLAS (        )
218          VOL SER NOS= TEMP00
219 IGD101I SMS ALLOCATED TO DDNAME (SYSUT3  )
220          DSN (SYS23087.T115222.RA000.UUMSBFEC.R0199039    )
221          STORCLAS (TEMPSC) MGMTCLAS (        ) DATACLAS (        )
222          VOL SER NOS= TEMP00
223 IGD103I SMS ALLOCATED TO DDNAME SYSPUNCH
224 IGD103I SMS ALLOCATED TO DDNAME SYSIN
225 IEF142I UUMSBFEC ASMDSECT MAPSET - STEP WAS EXECUTED - COND CODE 0000
226 IEF285I   KC03FEC.UUMSBFEC.JOB02415.D0000104.?        SYSOUT
227 IEF285I   DFH550.CICS.SDFHMAC                         KEPT
228 IEF285I   VOL SER NOS= VTDFHJ.
229 IEF285I   SYS1.MACLIB                                 KEPT
230 IEF285I   VOL SER NOS= VTMVSC.
231 IGD105I SYS23087.T115222.RA000.UUMSBFEC.R0199037    DELETED,   DDNAME=SYSUT1
232 IGD105I SYS23087.T115222.RA000.UUMSBFEC.R0199038    DELETED,   DDNAME=SYSUT2
233 IGD105I SYS23087.T115222.RA000.UUMSBFEC.R0199039    DELETED,   DDNAME=SYSUT3
234 IGD104I KC03FEC.A2.COBOL                            RETAINED,  DDNAME=SYSPUNCH
235 IGD105I SYS23087.T115222.RA000.UUMSBFEC.TEMPM.H01   DELETED,   DDNAME=SYSIN
236 IEF373I STEP/ASMDSECT/START 2023087.1152
237 IEF032I STEP/ASMDSECT/STOP  2023087.1152
238        CPU:    0 HR  00 MIN  00.01 SEC   SRB:    0 HR  00 MIN  00.00 SEC
239        VIRT:  248K SYS:   252K  EXT:   32768K SYS:    13396K
240        ATB- REAL:                1104K  SLOTS:                    0K
241          VIRT- ALLOC:      22M SHRD:     0M
242 IEF375I  JOB/UUMSBFEC/START 2023087.1152
243 IEF033I  JOB/UUMSBFEC/STOP  2023087.1152
244        CPU:    0 HR  00 MIN  00.02 SEC   SRB:    0 HR  00 MIN  00.00 SEC
245 DATA SET UTILITY - GENERATE
    PAGE 0001
246
247 PROCESSING ENDED AT EOD
248
249                                High Level Assembler Option Summary
    (PTF UI68060)   Page    1
250
    HLASM R6.0  2023/03/28 11.52
251  No Overriding ASMAOPT Parameters
252  Overriding Parameters-  SYSPARM(MAP),DECK,NOOBJECT
253  No Process Statements
254
255
256  Options for this Assembly
257                   NOADATA
258                     ALIGN
259                   NOASA
260                     BATCH
261                     CODEPAGE(047C)
262                   NOCOMPAT
263                   NODATAMAP
264                   NODBCS
265 3 PARM/OPTION      DECK
266                     DXREF
267                     ESD
268                   NOEXIT
269                     FAIL(NOMSG,NOMNOTE,MAXERRS(500))
```

```
270
   FLAG(0,ALIGN,CONT,EXLITW,NOIMPLEN,NOLONGER,NOPAGE0,PUSH,RECORD,NOSIGNED,NOSUBSTR,NOTRUNC,USIN
   G0)
271                   NOFOLD
272                   NOGOFF
273                   NOINFO
274                     ILMA
275                     LANGUAGE(EN)
276                   NOLIBMAC
277                     LINECOUNT(60)
278                     LIST(121)
279                     MACHINE(,NOLIST)
280                     MXREF(SOURCE)
281 3 PARM/OPTION      NOOBJECT
282                     OPTABLE(UNI,NOLIST)
283                   NOPCONTROL
284                   NOPESTOP
285                   NOPROFILE
286                   NORA2
287                   NORENT
288                     RLD
289                     RXREF
290                     SECTALGN(8)
291                     SIZE(MAX)
292                   NOSUPRWARN
293 3 PARM/OPTION      SYSPARM(MAP)
294                   NOTERM
295                   NOTEST
296                     THREAD
297                   NOTRANSLATE
298                     TYPECHECK(MAGNITUDE,REGISTER)
299                     USING(NOLIMIT,MAP,WARN(15))
300                   NOWORKFILE
301                     XREF(SHORT,UNREFS)
302
303   No Overriding DD Names
304
305                                            External Symbol Dictionary
   Page    2
306 Symbol   Type   Id     Address  Length   Owner Id Flags Alias-of
   HLASM R6.0  2023/03/28 11.52
307 MENSFECM  SD 00000001 00000000 00000273          06
308
309
   Page    3
310   Active Usings: None
311   Loc  Object Code    Addr1 Addr2  Stmt   Source Statement
   HLASM R6.0  2023/03/28 11.52
312                                      1 *      PRINT NOGEN
313                                      2 MENSFEC  DFHMSD TYPE=&SYSPARM,
   X
314                                              LANG=COBOL,
   X
315                                              MODE=INOUT,
   X
316                                              TERM=3270-2,
   X
```

```
317                                          CTRL=FREEKB,
   X
318                                          STORAGE=AUTO,
   X
319                                          DSATTS=(COLOR,HILIGHT),
   X
320                                          MAPATTS=(COLOR,HILIGHT),
   X
321                                          TIOAPFX=YES
322
   100+****************************************************************
323 000000           00000 00273   101+MENSFECM CSECT
   @PCA 01-DFHMS
324                                102+MENSFECM AMODE 31
   @PCA 01-DFHMS
325                                103+MENSFECM RMODE ANY
   @PCA 01-DFHMS
326 000000                         104+MSD0001  DS    0D              MAP SET ORIGIN
   @02A 01-DFHMS
327 000000 D4C5D5E2C6C5C3D4        105+        DC    CL8'MENSFECM'    MAP SET NAME
   @ 01-DFHMS
328 000008 00                      106+        DC    AL1(DFHU0)       OVERFLOW TRAILER
   LENGTH           01-DFHMS
329 000009 32                      107+        DC    X'32'            VERSION 3.2  OF
   CICS          @P5C 01-DFHMS
330 00000A 4040                    108+        DC    CL2' '           LDC MNEMONIC
   @BB85D1L 01-DFHMS
331
   109+****************************************************************
332
333                                111
   ****************************************************************
334                                112 MENMFEC  DFHMDI SIZE=(24,80),
   X
335                                          LINE=1,
   X
336                                          COLUMN=1
337
   204+****************************************************************
338 00000C                         205+MENMFEC  DS    0C .            MAP ORIGIN
   @ 01-DFHMD
339              0000C             206+DFHL1    EQU   *               START OF MAP
   01-DFHMD
340 00000C 004F                    207+        DC    AL2(DFHK1)       MAP DESCRIPTOR
   LENGTH           01-DFHMD
341 00000E 0000                    208+        DC    XL2'0000'        INPUT PARTITION
   NAME     @E5E2C @H1C 01-DFHMD
342 000010 0000                    209+        DC    XL2'0000'        OUTPUT PARTITION
   NAME     @E5E2C @H1C 01-DFHMD
343 000012 0000                    210+        DC    XL2'0000'        ACTIVE PARTITION
   NAME     @E5E2C @H1C 01-DFHMD
344 000014 D4C5D5D4C6C5C340        211+        DC    CL8'MENMFEC'  .     MAP NAME
   @ 01-DFHMD
345 00001C 0263                    212+        DC    AL2(DFHM1)       MAP LENGTH
   01-DFHMD
346 00001E 0082                    213+        DC    AL2(DFHS1)       MAP SPECIFICATION
   LENGTH           01-DFHMD
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347 000020 0070                          214+      DC    AL2(DFHN1)      INPUT WORK AREA
     LENGTH              01-DFHMD
348 000022 01A4                          215+      DC    AL2(DFHP1)      OUTPUT WORK AREA
     LENGTH              01-DFHMD
349 000024 C0                            216+      DC    AL1(192)   .         MAP
     DESCRIPTOR FLAG BYTE      @ 01-DFHMD
350 000025 C2                            217+      DC    CL1'B'          3270 WRITE CONTROL
     CHARACTER       @ 01-DFHMD
351 000026 0150                          218+      DC    AL2(DFHQ1)      3270 CURSOR
     POSITION              01-DFHMD
352 000028 00                            219+      DC    AL1(0)          MAP MARGIN
     @ 01-DFHMD
353 000029 18                            220+      DC    AL1(24)         MAP LENGTH -
     NUMBER OF LINES       @ 01-DFHMD
354 00002A 50                            221+      DC    AL1(80)         MAP WIDTH - NUMBER
     OF COLUMNS      @ 01-DFHMD
355 00002B 01                            222+      DC    AL1(1)          MAP STARTING LINE
     NUMBER          @ 01-DFHMD
356 00002C 01                            223+      DC    AL1(1)          MAP STARTING
     COLUMN NUMBER        @ 01-DFHMD
357 00002D 10                            224+      DC    AL1(DFHT1)      MAP INDICATOR
     01-DFHMD
358 00002E 00                            225+      DC    AL1(0)          TYPE REQUEST BYTE
     TWO              @ 01-DFHMD
359 00002F 00                            226+      DC    AL1(0)          TYPE REQUEST BYTE
     THREE            @ 01-DFHMD
360 000030              00030 0002E      227+      ORG   *-2             Overlay byte 2 and
     3            @0DA 01-DFHMD
361 00002E 0000                          228+      DC    AL2(DFHZ1)      Count of useredit
     fields         @0DA 01-DFHMD
362 000030 00                            229+      DC    AL1(0)          TYPE REQUEST BYTE
     FOUR            @ 01-DFHMD
363 000031 00                            230+      DC    AL1(0)          TYPE REQUEST BYTE
     FIVE             @ 01-DFHMD
364 000032 0195                          231+      DC    AL2(DFHX1)      offset of
     descriptor          @L8C 01-DFHMD
365
     Page    4
366  Active Usings: None
367  Loc  Object Code   Addr1 Addr2  Stmt   Source Statement
     HLASM R6.0  2023/03/28 11.52
368 000034 00                            232+      DC    AL1(0)          REQUEST WRITE
     CONTROL CHARACTER     @ 01-DFHMD
369 000035 0C                            233+      DC    AL1(12)         MAX NO OF ATTRS
     @L3A 01-DFHMD
370 000036 00000000                      234+      DC    AL4(0)          MAP CHAIN POINTER
     @L3A 01-DFHMD
371 00003A 0002                          235+      DC    AL2(2)          NO. OF ATTRS IN
     MAP FIELDS      @L3A 01-DFHMD
372 00003C 0002                          236+      DC    AL2(2)          NO. OF ATTRS IN
     DSECT FIELDS    @L3A 01-DFHMD
373 00003E 01000200                      237+      DC    AL1(1,0,2,0)
     @L3A 01-DFHMD
374 000042 00000000                      238+      DC    AL1(0,0,0,0)
     @L3A 01-DFHMD
375 000046 00000000                      239+      DC    AL1(0,0,0,0)
     @L3A 01-DFHMD
```

```
376 00004A 01000200                240+        DC    AL1(1,0,2,0)
    @L3A 01-DFHMD
377 00004E 00000000                241+        DC    AL1(0,0,0,0)
    @L3A 01-DFHMD
378 000052 00000000                242+        DC    AL1(0,0,0,0)
    @L3A 01-DFHMD
379 000056 00                      243+        DC    AL1(0)              FIELD SEPARATOR
    LENGTH          @L3A 01-DFHMD
380 000057 40404040                244+        DC    CL4' '                          FIELD
    SEPARATOR VALUE   @L3C 01-DFHMD
381                 0004F          245+DFHK1   EQU *-DFHL1             LENGTH OF MAP
    HEADER            01-DFHMD
382
    246+*********************************************************************
383
384                                248
    *****************************************************************
385                                249        DFHMDF POS=(1,1),
    X
386                                           LENGTH=7,
    X
387                                           ATTRB=(NORM,PROT),
    X
388                                           COLOR=BLUE,
    X
389                                           INITIAL='MENMFEC'
390
    344+*********************************************************************
391 00005B                         345+        DS    0C                  FIELD NAME
    @ 01-DFHMD
392 00005B 0000                    346+        DC    AL2(0)              FIELD PAGE
    POSITION              @ 01-DFHMD
393 00005D 0007                    347+        DC    AL2(7)              FIELD LENGTH
    @ 01-DFHMD
394 00005F 02                      348+        DC    AL1(2)              FIELD DESCRIPTOR
    FLAG BYTE         @ 01-DFHMD
395 000060 60                      349+        DC    CL1'-'              FIELD ATTRIBUTE
    @ 01-DFHMD
396 000061 0000                    350+        DC    AL2(0)        .         FIELD
    POSITION              @ 01-DFHMD
397 000063 F1                      351+        DC    X'F1'               COLOUR ATTRIBUTE
    @L3C 01-DFHMD
398 000064 00                      352+        DC    X'00'               HIGHLIGHTING
    ATTRIBUTE         @L3C 01-DFHMD
399 000065 D4C5D5D4C6C5C3          353+        DC    CL7'MENMFEC'        DEFAULT MAP DATA
    @ 01-DFHMD
400
    354+*********************************************************************
401
402                                356        DFHMDF POS=(1,20),
    X
403                                           LENGTH=11,
    X
404                                           ATTRB=(NORM,PROT),
    X
405                                           COLOR=GREEN,
    X
```

```
406                                             INITIAL='Master Menu'
407
    451+************************************************************************
408 00006C                           452+      DS    0C              FIELD NAME
    @ 01-DFHMD
409 00006C 0000                       453+      DC    AL2(0)          FIELD PAGE
    POSITION              @ 01-DFHMD
410 00006E 000B                       454+      DC    AL2(11)         FIELD LENGTH
    @ 01-DFHMD
411 000070 02                         455+      DC    AL1(2)          FIELD DESCRIPTOR
    FLAG BYTE         @ 01-DFHMD
412 000071 60                         456+      DC    CL1'-'          FIELD ATTRIBUTE
    @ 01-DFHMD
413 000072 0013                       457+      DC    AL2(19)     .       FIELD
    POSITION              @ 01-DFHMD
414 000074 F4                         458+      DC    X'F4'           COLOUR ATTRIBUTE
    @L3C 01-DFHMD
415 000075 00                         459+      DC    X'00'           HIGHLIGHTING
    ATTRIBUTE          @L3C 01-DFHMD
416 000076 D481A2A3859940D4           460+      DC    CL11'Master Menu'  DEFAULT MAP DATA
    @ 01-DFHMD
417
    461+************************************************************************
418
    Page    5
419   Active Usings: None
420   Loc  Object Code    Addr1 Addr2  Stmt   Source Statement
    HLASM R6.0  2023/03/28 11.52
421                                   463 TRANID   DFHMDF POS=(1,76),
    X
422                                               LENGTH=4,
    X
423                                               ATTRB=(NORM,PROT),
    X
424                                               COLOR=BLUE,
    X
425                                               INITIAL='UFEC'
426
    558+************************************************************************
427 000081                           559+TRANID  DS    0C              FIELD NAME
    @08A 01-DFHMD
428 000081 0000                       560+      DC    AL2(0)          FIELD PAGE
    POSITION              @ 01-DFHMD
429 000083 0004                       561+      DC    AL2(4)          FIELD LENGTH
    @ 01-DFHMD
430 000085 03                         562+      DC    AL1(3)          FIELD DESCRIPTOR
    FLAG BYTE         @ 01-DFHMD
431 000086 60                         563+      DC    CL1'-'          FIELD ATTRIBUTE
    @ 01-DFHMD
432 000087 004B                       564+      DC    AL2(75)     .       FIELD
    POSITION              @ 01-DFHMD
433 000089 F1                         565+      DC    X'F1'           COLOUR ATTRIBUTE
    @L3C 01-DFHMD
434 00008A 00                         566+      DC    X'00'           HIGHLIGHTING
    ATTRIBUTE          @L3C 01-DFHMD
435 00008B E4C6C5C3                   567+      DC    CL4'UFEC'       DEFAULT MAP DATA
    @ 01-DFHMD
```

```
436
    568+*********************************************************************
437
438                              570
    *********************************************************************
439                              571        DFHMDF POS=(3,1),
    X
440                                         LENGTH=36,
    X
441                                         ATTRB=(NORM,PROT),
    X
442                                         COLOR=NEUTRAL,
    X
443                                         INITIAL='Select an action.  Then press
    Enter.'
444
    666+*********************************************************************
445 00008F                       667+       DS    0C                 FIELD NAME
    @ 01-DFHMD
446 00008F 0000                   668+       DC    AL2(0)             FIELD PAGE
    POSITION                @ 01-DFHMD
447 000091 0024                   669+       DC    AL2(36)            FIELD LENGTH
    @ 01-DFHMD
448 000093 02                     670+       DC    AL1(2)             FIELD DESCRIPTOR
    FLAG BYTE          @ 01-DFHMD
449 000094 60                     671+       DC    CL1'-'             FIELD ATTRIBUTE
    @ 01-DFHMD
450 000095 00A0                   672+       DC    AL2(160)     .         FIELD
    POSITION                @ 01-DFHMD
451 000097 F7                     673+       DC    X'F7'              COLOUR ATTRIBUTE
    @L3C 01-DFHMD
452 000098 00                     674+       DC    X'00'              HIGHLIGHTING
    ATTRIBUTE           @L3C 01-DFHMD
453 000099 E285938583A34081       675+       DC    CL36'Select an action.  Then press
    Enter.'              X01-DFHMD
454 0000A1 95408183A3899695        +                                  DEFAULT MAP DATA
    @
455
    676+*********************************************************************
456
457                              678        DFHMDF POS=(5,1),
    X
458                                         LENGTH=14,
    X
459                                         ATTRB=(NORM,PROT),
    X
460                                         COLOR=GREEN,
    X
461                                         INITIAL='Action . . . .'
462
    773+*********************************************************************
463 0000BD                       774+       DS    0C                 FIELD NAME
    @ 01-DFHMD
464 0000BD 0000                   775+       DC    AL2(0)             FIELD PAGE
    POSITION                @ 01-DFHMD
465 0000BF 000E                   776+       DC    AL2(14)            FIELD LENGTH
    @ 01-DFHMD
```

```
466 0000C1 02                              777+        DC    AL1(2)              FIELD DESCRIPTOR
    FLAG BYTE          @ 01-DFHMD
467 0000C2 60                              778+        DC    CL1'-'              FIELD ATTRIBUTE
    @ 01-DFHMD
468 0000C3 0140                            779+        DC    AL2(320)    .       FIELD
    POSITION               @ 01-DFHMD
469 0000C5 F4                              780+        DC    X'F4'               COLOUR ATTRIBUTE
    @L3C 01-DFHMD
470 0000C6 00                              781+        DC    X'00'               HIGHLIGHTING
    ATTRIBUTE          @L3C 01-DFHMD
471
    Page    6
472  Active Usings: None
473  Loc  Object Code    Addr1 Addr2  Stmt   Source Statement
    HLASM R6.0   2023/03/28 11.52
474 0000C7 C183A3899695404B            782+        DC    CL14'Action . . . .'
    X01-DFHMD
475 0000CF 404B404B404B                    +                            DEFAULT MAP DATA
    @
476
    783+***********************************************************************
477
478                                    785 ACTION   DFHMDF POS=(5,16),
    X
479                                                  LENGTH=1,
    X
480                                                  ATTRB=(NORM,UNPROT,NUM,IC),
    X
481                                                  COLOR=TURQUOISE,
    X
482                                                  INITIAL='_'
483
    880+***********************************************************************
484 0000D5                              881+ACTION   DS    0C                  FIELD NAME
    @08A 01-DFHMD
485 0000D5 0000                         882+        DC    AL2(0)              FIELD PAGE
    POSITION               @ 01-DFHMD
486 0000D7 0001                         883+        DC    AL2(1)              FIELD LENGTH
    @ 01-DFHMD
487 0000D9 0F                           884+        DC    AL1(15)             FIELD DESCRIPTOR
    FLAG BYTE          @ 01-DFHMD
488 0000DA 50                           885+        DC    CL1'&&'             FIELD ATTRIBUTE
    @ 01-DFHMD
489 0000DB 014F                         886+        DC    AL2(335)    .       FIELD
    POSITION               @ 01-DFHMD
490 0000DD F5                           887+        DC    X'F5'               COLOUR ATTRIBUTE
    @L3C 01-DFHMD
491 0000DE 00                           888+        DC    X'00'               HIGHLIGHTING
    ATTRIBUTE          @L3C 01-DFHMD
492 0000DF 6D                           889+        DC    CL1'_'              DEFAULT MAP DATA
    @ 01-DFHMD
493
    890+***********************************************************************
494
495                                    892         DFHMDF POS=(5,18),
    X
496                                                  LENGTH=32,
```

```
     X
497                                          ATTRB=(NORM,ASKIP),
     X
498                                          COLOR=NEUTRAL,
     X
499                                          INITIAL='1.  Display customer
     information'
500
     987+***********************************************************************
501 0000E0                          988+       DS      0C                  FIELD NAME
     @ 01-DFHMD
502 0000E0 0000                     989+       DC      AL2(0)              FIELD PAGE
     POSITION                @ 01-DFHMD
503 0000E2 0020                     990+       DC      AL2(32)             FIELD LENGTH
     @ 01-DFHMD
504 0000E4 02                       991+       DC      AL1(2)              FIELD DESCRIPTOR
     FLAG BYTE          @ 01-DFHMD
505 0000E5 F0                       992+       DC      CL1'0'              FIELD ATTRIBUTE
     @ 01-DFHMD
506 0000E6 0151                     993+       DC      AL2(337)    .           FIELD
     POSITION                @ 01-DFHMD
507 0000E8 F7                       994+       DC      X'F7'               COLOUR ATTRIBUTE
     @L3C 01-DFHMD
508 0000E9 00                       995+       DC      X'00'               HIGHLIGHTING
     ATTRIBUTE          @L3C 01-DFHMD
509 0000EA F14B4040C489A297         996+       DC      CL32'1.  Display customer information'
     X01-DFHMD
510 0000F2 9381A84083A4A2A3           +                                   DEFAULT MAP DATA
     @
511
     997+***********************************************************************
512
513                                 999        DFHMDF POS=(6,18),
     X
514                                            LENGTH=33,
     X
515                                            ATTRB=(NORM,PROT),
     X
516                                            COLOR=NEUTRAL,
     X
517                                            INITIAL='2.  Maintain customer
     information'
518
     1094+***********************************************************************
519 00010A                          1095+      DS      0C                  FIELD NAME
     @ 01-DFHMD
520 00010A 0000                     1096+      DC      AL2(0)              FIELD PAGE
     POSITION                @ 01-DFHMD
521 00010C 0021                     1097+      DC      AL2(33)             FIELD LENGTH
     @ 01-DFHMD
522 00010E 02                       1098+      DC      AL1(2)              FIELD DESCRIPTOR
     FLAG BYTE          @ 01-DFHMD
523
     Page    7
524  Active Usings: None
525  Loc  Object Code    Addr1 Addr2  Stmt   Source Statement
     HLASM R6.0  2023/03/28 11.52
```

```
526 00010F 60                              1099+        DC    CL1'-'            FIELD ATTRIBUTE
    @ 01-DFHMD
527 000110 01A1                            1100+        DC    AL2(417)    .        FIELD
    POSITION            @ 01-DFHMD
528 000112 F7                              1101+        DC    X'F7'             COLOUR ATTRIBUTE
    @L3C 01-DFHMD
529 000113 00                              1102+        DC    X'00'             HIGHLIGHTING
    ATTRIBUTE        @L3C 01-DFHMD
530 000114 F24B4040D4818995                1103+        DC    CL33'2.  Maintain customer
    information'            X01-DFHMD
531 00011C A38189954083A4A2                  +                                DEFAULT MAP DATA
    @
532
    1104+**************************************************************
533
534                                         1106         DFHMDF POS=(7,18),
    X
535                                                      LENGTH=16,
    X
536                                                      ATTRB=(NORM,PROT),
    X
537                                                      COLOR=NEUTRAL,
    X
538                                                      INITIAL='3.  Enter orders'
539
    1201+**************************************************************
540 000135                                 1202+        DS    0C                FIELD NAME
    @ 01-DFHMD
541 000135 0000                            1203+        DC    AL2(0)            FIELD PAGE
    POSITION                @ 01-DFHMD
542 000137 0010                            1204+        DC    AL2(16)           FIELD LENGTH
    @ 01-DFHMD
543 000139 02                              1205+        DC    AL1(2)            FIELD DESCRIPTOR
    FLAG BYTE        @ 01-DFHMD
544 00013A 60                              1206+        DC    CL1'-'            FIELD ATTRIBUTE
    @ 01-DFHMD
545 00013B 01F1                            1207+        DC    AL2(497)    .        FIELD
    POSITION            @ 01-DFHMD
546 00013D F7                              1208+        DC    X'F7'             COLOUR ATTRIBUTE
    @L3C 01-DFHMD
547 00013E 00                              1209+        DC    X'00'             HIGHLIGHTING
    ATTRIBUTE            @L3C 01-DFHMD
548 00013F F34B4040C595A385                1210+        DC    CL16'3.  Enter orders'
    X01-DFHMD
549 000147 99409699848599A2                  +                                DEFAULT MAP DATA
    @
550
    1211+**************************************************************
551
552                                         1213         DFHMDF POS=(8,18),
    X
553                                                      LENGTH=19,
    X
554                                                      ATTRB=(NORM,PROT),
    X
555                                                      COLOR=NEUTRAL,
    X
```

```
556                                              INITIAL='4.  Invoice Summary'
557
     1308+****************************************************************
558 00014F                        1309+     DS    0C               FIELD NAME
    @ 01-DFHMD
559 00014F 0000                   1310+     DC    AL2(0)           FIELD PAGE
    POSITION            @ 01-DFHMD
560 000151 0013                   1311+     DC    AL2(19)          FIELD LENGTH
    @ 01-DFHMD
561 000153 02                     1312+     DC    AL1(2)           FIELD DESCRIPTOR
    FLAG BYTE      @ 01-DFHMD
562 000154 60                     1313+     DC    CL1'-'           FIELD ATTRIBUTE
    @ 01-DFHMD
563 000155 0241                   1314+     DC    AL2(577)    .        FIELD
    POSITION            @ 01-DFHMD
564 000157 F7                     1315+     DC    X'F7'            COLOUR ATTRIBUTE
    @L3C 01-DFHMD
565 000158 00                     1316+     DC    X'00'            HIGHLIGHTING
    ATTRIBUTE           @L3C 01-DFHMD
566 000159 F44B4040C995A596       1317+     DC    CL19'4.  Invoice Summary'
    X01-DFHMD
567 000161 89838540E2A49494        +                             DEFAULT MAP DATA
    @
568
     1318+****************************************************************
569
570                              1320
     ****************************************************************
571                              1321 MESSAGE  DFHMDF POS=(23,1),                X
572                                                  LENGTH=79,                  X
573                                                  ATTRB=(BRT,PROT),           X
574                                                  COLOR=YELLOW
575
    Page    8
576  Active Usings: None
577  Loc  Object Code    Addr1 Addr2  Stmt   Source Statement
    HLASM R6.0  2023/03/28 11.52
578
     1416+****************************************************************
579 00016C                        1417+MESSAGE  DS    0C            FIELD NAME
    @08A 01-DFHMD
580 00016C 0000                   1418+     DC    AL2(0)           FIELD PAGE
    POSITION            @ 01-DFHMD
581 00016E 004F                   1419+     DC    AL2(79)          FIELD LENGTH
    @ 01-DFHMD
582 000170 01                     1420+     DC    AL1(1)           FIELD DESCRIPTOR
    FLAG BYTE      @ 01-DFHMD
583 000171 E8                     1421+     DC    CL1'Y'           FIELD ATTRIBUTE
    @ 01-DFHMD
584 000172 06E0                   1422+     DC    AL2(1760)   .        FIELD
    POSITION            @ 01-DFHMD
585 000174 F6                     1423+     DC    X'F6'            COLOUR ATTRIBUTE
    @L3C 01-DFHMD
586 000175 00                     1424+     DC    X'00'            HIGHLIGHTING
```

```
   ATTRIBUTE          @L3C 01-DFHMD
587
   1425+*****************************************************************
588
589                                   1427          DFHMDF POS=(24,1),
   X
590                                                 LENGTH=20,
   X
591                                                 ATTRB=(NORM,PROT),
   X
592                                                 COLOR=BLUE,
   X
593                                                 INITIAL='F3=Exit   F12=Cancel'
594
   1522+*****************************************************************
595 000176                            1523+     DS    0C               FIELD NAME
   @ 01-DFHMD
596 000176 0000                       1524+     DC    AL2(0)           FIELD PAGE
   POSITION              @ 01-DFHMD
597 000178 0014                       1525+     DC    AL2(20)          FIELD LENGTH
   @ 01-DFHMD
598 00017A 02                         1526+     DC    AL1(2)           FIELD DESCRIPTOR
   FLAG BYTE         @ 01-DFHMD
599 00017B 60                         1527+     DC    CL1'-'           FIELD ATTRIBUTE
   @ 01-DFHMD
600 00017C 0730                       1528+     DC    AL2(1840)   .         FIELD
   POSITION              @ 01-DFHMD
601 00017E F1                         1529+     DC    X'F1'            COLOUR ATTRIBUTE
   @L3C 01-DFHMD
602 00017F 00                         1530+     DC    X'00'            HIGHLIGHTING
   ATTRIBUTE          @L3C 01-DFHMD
603 000180 C6F37EC5A789A340           1531+     DC    CL20'F3=Exit   F12=Cancel'
   X01-DFHMD
604 000188 4040C6F1F27EC381              +                            DEFAULT MAP DATA
   @
605
   1532+*****************************************************************
606
607                                   1534 DUMMY    DFHMDF POS=(24,79),
   X
608                                                 LENGTH=1,
   X
609                                                 ATTRB=(DRK,PROT,FSET),
   X
610                                                 INITIAL=' '
611
   1628+*****************************************************************
612 000194                            1629+DUMMY DS    0C               FIELD NAME
   @08A 01-DFHMD
613 000194 0000                       1630+     DC    AL2(0)           FIELD PAGE
   POSITION              @ 01-DFHMD
614 000196 0001                       1631+     DC    AL2(1)           FIELD LENGTH
   @ 01-DFHMD
615 000198 03                         1632+     DC    AL1(3)           FIELD DESCRIPTOR
   FLAG BYTE         @ 01-DFHMD
616 000199 6D                         1633+     DC    CL1'_'           FIELD ATTRIBUTE
   @ 01-DFHMD
```

```
617 00019A 077E                         1634+       DC    AL2(1918)    .         FIELD
    POSITION                @ 01-DFHMD
618 00019C 00                           1635+       DC    X'00'                  COLOUR ATTRIBUTE
    @L3C 01-DFHMD
619 00019D 00                           1636+       DC    X'00'                  HIGHLIGHTING
    ATTRIBUTE           @L3C 01-DFHMD
620 00019E 40                           1637+       DC    CL1' '                 DEFAULT MAP DATA
    @ 01-DFHMD
621
    1638+****************************************************************
622
623                                     1640
    ****************************************************************
624                                     1641 MENSFEC   DFHMSD TYPE=FINAL
625
    1825+****************************************************************
626                    00082            1826+DFHS1     EQU   130   .               MAP
    SPECIFICATION LENGTH       02-DFHMD
627
    Page    9
628  Active Usings: None
629  Loc   Object Code     Addr1 Addr2  Stmt    Source Statement
    HLASM R6.0   2023/03/28 11.52
630                    00070            1827+DFHN1     EQU   112                   INPUT WORK AREA
    LENGTH              02-DFHMD
631                    001A4            1828+DFHP1     EQU   420                   OUTPUT WORK AREA
    LENGTH              02-DFHMD
632                    00150            1829+DFHQ1     EQU   336                   CURSOR POSITION
    02-DFHMD
633                    00000            1830+DFHZ1     EQU   0                     count of useredit
    fields        @0DA 02-DFHMD
634                    00010            1831+DFHT1     EQU   16    .               MAP INDICATOR
    02-DFHMD
635 00019F FFFF                         1832+        DC    2XL1'FF'               END OF MAP
    @ 02-DFHMD
636                    001A1            1833+DFHXX1    EQU   *
    @L8A 02-DFHMD
637                    00195            1834+DFHX1     EQU   DFHXX1-DFHL1          offset of
    descriptor              @L8A 02-DFHMD
638 0001A1 00CE                         1835+        DC    AL2(DFHY1)
    @L8A 02-DFHMD
639 0001A3 C1C4E2C4                     1836+        DC    C'ADSD'
    @L8A 02-DFHMD
640 0001A7 0001                         1837+        DC    AL2(1)                 index of map
    within mapset       @L8A 02-DFHMD
641 0001A9 0004                         1838+        DC    AL2(4)                 no of fields in
    ADS             @L8A 02-DFHMD
642 0001AB 0075                         1839+        DC    AL2(112+5)             length of ADS
    @L8A 02-DFHMD
643 0001AD 0002                         1840+        DC    AL2(2)                 no of attributes
    per field       @L8A 02-DFHMD
644 0001AF C3C840404040                 1841+        DC    CL6'CH    '
    @L8C 02-DFHMD
645 0001B5 404040404040                 1842+        DC    CL6'      '
    @L8C 02-DFHMD
646 0001BB D3                           1843+        DC    CL1'L'                 JUSTIFY LEFT or
    RIGHT           @L8A 02-DFHMD
```

```
647 0001BC 40                              1844+       DC      CL1' '           JUSTIFY FIRST,
      LAST or BOTTOM    @L8A 02-DFHMD
648 0001BD 0001                            1845+       DC      AL2(1)           starting line
      @L8A 02-DFHMD
649 0001BF 0001                            1846+       DC      AL2(1)           starting column
      @L8A 02-DFHMD
650 0001C1 0018                            1847+       DC      AL2(24)          no of lines
      @L8A 02-DFHMD
651 0001C3 0050                            1848+       DC      AL2(80)          no of columns
      @L8A 02-DFHMD
652 0001C5 C2                              1849+       DC      CL1'B'           Write Control
      Character        @L8A 02-DFHMD
653 0001C6 00                              1850+       DC      BL1'00'          align to half-word
      boundary      @L8A 02-DFHMD
654 0001C7 E3D9C1D5C9C44040                1851+       DC      CL32'TRANID'     field name
      @L8A 02-DFHMD
655 0001E7 0006                            1852+       DC      AL2(6)           length of field
      name            @L8A 02-DFHMD
656 0001E9 0000                            1853+       DC      AL2(0)           index within
      OCCURS             @L8A 02-DFHMD
657 0001EB 000C                            1854+       DC      AL2(12)          offset within
      dsect           @L8A 02-DFHMD
658 0001ED 0004                            1855+       DC      AL2(4)           length of field
      @L8A 02-DFHMD
659 0001EF D3                              1856+       DC      C'L'             field
      justification (L or R)    @L8A 02-DFHMD
660 0001F0 40                              1857+       DC      C' '             field fill char
      (blank or 0)    @L8A 02-DFHMD
661 0001F1 C1C3E3C9D6D54040                1858+       DC      CL32'ACTION'     field name
      @L8A 02-DFHMD
662 000211 0006                            1859+       DC      AL2(6)           length of field
      name           @L8A 02-DFHMD
663 000213 0000                            1860+       DC      AL2(0)           index within
      OCCURS            @L8A 02-DFHMD
664 000215 0015                            1861+       DC      AL2(21)          offset within
      dsect           @L8A 02-DFHMD
665 000217 0001                            1862+       DC      AL2(1)           length of field
      @L8A 02-DFHMD
666 000219 D9                              1863+       DC      C'R'             field
      justification (L or R)    @L8A 02-DFHMD
667 00021A F0                              1864+       DC      C'0'             field fill char
      (blank or 0)    @L8A 02-DFHMD
668 00021B D4C5E2E2C1C7C540                1865+       DC      CL32'MESSAGE'    field name
      @L8A 02-DFHMD
669 00023B 0007                            1866+       DC      AL2(7)           length of field
      name           @L8A 02-DFHMD
670 00023D 0000                            1867+       DC      AL2(0)           index within
      OCCURS            @L8A 02-DFHMD
671 00023F 001B                            1868+       DC      AL2(27)          offset within
      dsect             @L8A 02-DFHMD
672 000241 004F                            1869+       DC      AL2(79)          length of field
      @L8A 02-DFHMD
673 000243 D3                              1870+       DC      C'L'             field
      justification (L or R)    @L8A 02-DFHMD
674 000244 40                              1871+       DC      C' '             field fill char
      (blank or 0)    @L8A 02-DFHMD
675 000245 C4E4D4D4E8404040                1872+       DC      CL32'DUMMY'      field name
```

```
      @L8A 02-DFHMD
676 000265 0005                          1873+        DC    AL2(5)              length of field
    name          @L8A 02-DFHMD
677 000267 0000                          1874+        DC    AL2(0)              index within
    OCCURS          @L8A 02-DFHMD
678 000269 006F                          1875+        DC    AL2(111)            offset within
    dsect          @L8A 02-DFHMD
679 00026B 0001                          1876+        DC    AL2(1)              length of field
    @L8A 02-DFHMD
680 00026D D3                            1877+        DC    C'L'                field
    justification (L or R)    @L8A 02-DFHMD
681 00026E 40                            1878+        DC    C' '                field fill char
    (blank or 0)    @L8A 02-DFHMD
682                  0026F               1879+DFHR1   EQU   *                   END OF MAP
    02-DFHMD
683                  000CE               1880+DFHY1   EQU   DFHR1-DFHXX1         length of
    descriptor          @L8A 02-DFHMD
684                  00263               1881+DFHM1   EQU   DFHR1-DFHL1         MAP LENGTH
    02-DFHMD
685
    Page   10
686  Active Usings: None
687  Loc  Object Code    Addr1 Addr2  Stmt   Source Statement
    HLASM R6.0  2023/03/28 11.52
688                  00000               1882+DFHU0   EQU   0                   OVERFLOW TRAILER
    LEN.          02-DFHMD
689 00026F FFFFFFFF                     1883+        DC    4X'FF'              END OF MAPSET
    @BBAD31J 02-DFHMD
690
    1884+***********************************************************************
691
692                                    1978         END
693
694                              Ordinary Symbol and Literal Cross Reference
    Page   11
695 Symbol   Length   Value    Id   R Type Asm  Program   Defn References
    HLASM R6.0  2023/03/28 11.52
696 DFHK1       1 0000004F 00000001 A   U              245   207
697 DFHL1       1 0000000C 00000001     U              206   245  1834  1881
698 DFHM1       1 00000263 00000001 A   U             1881   212
699 DFHN1       1 00000070 00000001 A   U             1827   214
700 DFHP1       1 000001A4 00000001 A   U             1828   215
701 DFHQ1       1 00000150 00000001 A   U             1829   218
702 DFHR1       1 0000026F 00000001     U             1879  1880  1881
703 DFHS1       1 00000082 00000001 A   U             1826   213
704 DFHT1       1 00000010 00000001 A   U             1831   224
705 DFHU0       1 00000000 00000001 A   U             1882   106
706 DFHXX1      1 000001A1 00000001     U             1833  1834  1880
707 DFHX1       1 00000195 00000001 A   U             1834   231
708 DFHY1       1 000000CE 00000001 A   U             1880  1835
709 DFHZ1       1 00000000 00000001 A   U             1830   228
710 MENSFECM    1 00000000 00000001     J              101   102   103
711
712                              Unreferenced Symbols Defined in CSECTs
    Page   12
713  Defn  Symbol
    HLASM R6.0  2023/03/28 11.52
```

```
714    881  ACTION
715   1629  DUMMY
716    205  MENMFEC
717   1417  MESSAGE
718    104  MSD0001
719    559  TRANID
720
721                                          Macro and Copy Code Source Summary
   Page   13
722 Con Source                                          Volume    Members
   HLASM R6.0  2023/03/28 11.52
723  L1 DFH550.CICS.SDFHMAC                             VTDFHJ    DFHANRAT DFHANRWC DFHCOPYR
   DFHGDEFS DFHMDF   DFHMDI
724                                                     DFHMSD    DFHPRMCK DFHSYS
725
726                                    General Purpose Register Cross Reference
   Page   14
727 Register  References (M=modified, B=branch, U=USING, D=DROP, N=index)
   HLASM R6.0  2023/03/28 11.52
728    0(0)   (no references identified)
729    1(1)   (no references identified)
730    2(2)   (no references identified)
731    3(3)   (no references identified)
732    4(4)   (no references identified)
733    5(5)   (no references identified)
734    6(6)   (no references identified)
735    7(7)   (no references identified)
736    8(8)   (no references identified)
737    9(9)   (no references identified)
738   10(A)   (no references identified)
739   11(B)   (no references identified)
740   12(C)   (no references identified)
741   13(D)   (no references identified)
742   14(E)   (no references identified)
743   15(F)   (no references identified)
744
745                               Diagnostic Cross Reference and Assembler Summary
   Page   15
746
   HLASM R6.0  2023/03/28 11.52
747     No Statements Flagged in this Assembly
748 HIGH LEVEL ASSEMBLER, 5696-234, RELEASE 6.0, PTF UI68060
749 SYSTEM: z/OS 02.04.00           JOBNAME: UUMSBFEC    STEPNAME: MAPSET     PROCSTEP: ASMMAP
750 Unicode Module:  ASMA047C  From Page    1148  To Page    17584           ECECP:
   International 1
751 Data Sets Allocated for this Assembly
752 Con DDname    Data Set Name                          Volume   Member
753  P1 SYSIN     SYS23087.T115222.RA000.UUMSBFEC.TEMPM.H01    TEMP00
754  L1 SYSLIB    DFH550.CICS.SDFHMAC                    VTDFHJ
755  L2          SYS1.MACLIB                           VTMVSC
756     SYSPRINT KC03FEC.UUMSBFEC.JOB02415.D0000102.?
757     SYSPUNCH SYS23087.T115222.RA000.UUMSBFEC.MAP.H01      TEMP00
758
759  26880K allocated to Buffer Pool      Storage required    932K
760     83 Primary Input Records Read     6915 Library Records Read              0 Work
   File Reads
761      0 ASMAOPT Records Read            517 Primary Print Records Written      0 Work
```

```
      File Writes
762      14 Object Records Written              0 ADATA Records Written
763 Assembly Start Time: 11.52.23 Stop Time: 11.52.23 Processor Time: 00.00.00.0067
764 Return Code 000
765 z/OS V2 R4 BINDER     11:52:24 TUESDAY MARCH 28, 2023
766 BATCH EMULATOR  JOB(UUMSBFEC) STEP(MAPSET ) PGM= IEWL     PROCEDURE(LINKMAP )
767 IEW2278I B352 INVOCATION PARAMETERS - LIST,LET,XREF,RMODE(24)
768 IEW2650I 5102 MODULE ENTRY NOT PROVIDED.  ENTRY DEFAULTS TO SECTION MENSFECM.
769
770
771                                      C R O S S - R E F E R E N C E   T A B L E
772                              _____
773
774 TEXT CLASS = B_TEXT
775
776 --------------- R E F E R E N C E ------------------------ T A R G E T
    ---------------------------------------------
777   CLASS                           ELEMENT       |
    ELEMENT                |
778   OFFSET SECT/PART(ABBREV)         OFFSET  TYPE | SYMBOL(ABBREV)   SECTION (ABBREV)
    OFFSET CLASS NAME      |
779                                                 |
     |
780 ***  NO ADDRESS CONSTANTS FOR THIS CLASS   ***
781                                      *** E N D   O F   C R O S S   R E F E R E N C E ***
782
783
784
785                              *** O P E R A T I O N   S U M M A R Y   R E P O R T ***
786
787 PROCESSING OPTIONS:
788
789    ALIASES            NO
790    ALIGN2             NO
791    AMODE              UNSPECIFIED
792    CALL               YES
793    CASE               UPPER
794    COMPAT             UNSPECIFIED
795    COMPRESS           AUTO
796    DCBS               NO
797    DYNAM              NO
798    EXTATTR            UNSPECIFIED
799    EXITS:             NONE
800    FILL               NONE
801    GID                UNSPECIFIED
802    HOBSET             NO
803    INFO               NO
804    LET                08
805    LINECT             060
806    LIST               SUMMARY
807    LISTPRIV           NO
808    LONGPARM           NO
809    MAP                NO
810    MAXBLK             032760
811    MODMAP             NO
812    MSGLEVEL           00
813    OVLY               NO
```

```
814    PRINT               YES
815    RES                 NO
816    REUSABILITY         UNSPECIFIED
817    RMODE                24,INITIAL
818    RMODEX              NO
819    SIGN                NO
820    STORENX             NOREPLACE
821    STRIPCL             NO
822    STRIPSEC            NO
823    SYMTRACE
824    TERM                NO
825    TRAP                ON
826    UID                 UNSPECIFIED
827    UPCASE              NO
828    WKSPACE             000000K,000000K
829    XCAL                NO
830    XREF                YES
831    ***END OF OPTIONS***
832
833
834
835
836 SAVE OPERATION SUMMARY:
837
838    MEMBER NAME         MENSFEC
839    LOAD LIBRARY        TSOECCC.CICSTS12.STUDENT.LOADLIB
840    PROGRAM TYPE        PROGRAM OBJECT(FORMAT 2)
841    VOLUME SERIAL       KCTR12
842    DISPOSITION         REPLACED
843    TIME OF SAVE        11.52.24  MAR 28, 2023
844
845
846 SAVE MODULE ATTRIBUTES:
847
848    AC                  000
849    AMODE                31
850    COMPRESSION         NONE
851    DC                  NO
852    EDITABLE            YES
853    EXCEEDS 16MB        NO
854    EXECUTABLE          YES
855    LONGPARM            NO
856    MIGRATABLE          YES
857    OL                  NO
858    OVLY                NO
859    PACK,PRIME          NO,NO
860    PAGE ALIGN          NO
861    REFR                NO
862    RENT                NO
863    REUS                NO
864    RMODE                24
865    SCTR                NO
866    SIGN                NO
867    SSI
868    SYM GENERATED       NO
869    TEST                NO
870    XPLINK              NO
```

871   MODULE SIZE (HEX)   00000278
872   DASD SIZE (HEX)   00001000
873
874
875 ENTRY POINT AND ALIAS SUMMARY:
876
877 NAME: ENTRY TYPE AMODE C_OFFSET CLASS NAME   STATUS
878
879 MENSFECM   MAIN_EP   31 00000000 B_TEXT
880
881   *** 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
     ***
882
883
884
885
886 z/OS V2 R4 BINDER   11:52:24 TUESDAY MARCH 28, 2023
887 BATCH EMULATOR JOB(UUMSBFEC) STEP(MAPSET) PGM= IEWL   PROCEDURE(LINKMAP)
888 IEW2008I 0F03 PROCESSING COMPLETED. RETURN CODE = 0.
889
890
891
892 ----------------------
893 MESSAGE SUMMARY REPORT
894 ----------------------
895 TERMINAL MESSAGES   (SEVERITY = 16)
896 NONE
897
898 SEVERE MESSAGES   (SEVERITY = 12)
899 NONE
900
901 ERROR MESSAGES   (SEVERITY = 08)
902 NONE
903
904 WARNING MESSAGES   (SEVERITY = 04)
905 NONE
906
907 INFORMATIONAL MESSAGES (SEVERITY = 00)
908 2008 2278 2650
909
910
911 **** END OF MESSAGE SUMMARY REPORT ****
912
913
914   High Level Assembler Option Summary
   (PTF UI68060)   Page   1
915
   HLASM R6.0 2023/03/28 11.52
916   No Overriding ASMAOPT Parameters
917   Overriding Parameters- SYSPARM(DSECT),DECK,NOOBJECT
918   No Process Statements
919
920
921   Options for this Assembly
922   NOADATA
923   ALIGN
924   NOASA

```
925                        BATCH
926                        CODEPAGE(047C)
927                     NOCOMPAT
928                     NODATAMAP
929                     NODBCS
930 3 PARM/OPTION        DECK
931                        DXREF
932                        ESD
933                     NOEXIT
934                        FAIL(NOMSG,NOMNOTE,MAXERRS(500))
935
   FLAG(0,ALIGN,CONT,EXLITW,NOIMPLEN,NOLONGER,NOPAGE0,PUSH,RECORD,NOSIGNED,NOSUBSTR,NOTRUNC,USIN
   G0)
936                     NOFOLD
937                     NOGOFF
938                     NOINFO
939                        ILMA
940                        LANGUAGE(EN)
941                     NOLIBMAC
942                        LINECOUNT(60)
943                        LIST(121)
944                        MACHINE(,NOLIST)
945                        MXREF(SOURCE)
946 3 PARM/OPTION      NOOBJECT
947                        OPTABLE(UNI,NOLIST)
948                     NOPCONTROL
949                     NOPESTOP
950                     NOPROFILE
951                     NORA2
952                     NORENT
953                        RLD
954                        RXREF
955                        SECTALGN(8)
956                        SIZE(MAX)
957                     NOSUPRWARN
958 3 PARM/OPTION        SYSPARM(DSECT)
959                     NOTERM
960                     NOTEST
961                        THREAD
962                     NOTRANSLATE
963                        TYPECHECK(MAGNITUDE,REGISTER)
964                        USING(NOLIMIT,MAP,WARN(15))
965                     NOWORKFILE
966                        XREF(SHORT,UNREFS)
967
968   No Overriding DD Names
969
970
   Page    2
971   Active Usings: None
972   Loc  Object Code    Addr1 Addr2  Stmt   Source Statement
   HLASM R6.0  2023/03/28 11.52
973                                       1 *        PRINT NOGEN
974                                       2 MENSFEC  DFHMSD TYPE=&SYSPARM,
   X
975                                                  LANG=COBOL,
   X
```

```
976                                          MODE=INOUT,
     X
977                                          TERM=3270-2,
     X
978                                          CTRL=FREEKB,
     X
979                                          STORAGE=AUTO,
     X
980                                          DSATTS=(COLOR,HILIGHT),
     X
981                                          MAPATTS=(COLOR,HILIGHT),
     X
982                                          TIOAPFX=YES
983                              100
     ********************************************************************
984                              101 MENMFEC  DFHMDI SIZE=(24,80),
     X
985                                          LINE=1,
     X
986                                          COLUMN=1
987                              193+       PUNCH '        01  MENMFECI.'
     @ 01-DFHMD
988                              194+       PUNCH '          02  FILLER PIC X(12).'
     @BB6D00T 01-DFHMD
989                              195
     ********************************************************************
990                              196        DFHMDF POS=(1,1),
     X
991                                          LENGTH=7,
     X
992                                          ATTRB=(NORM,PROT),
     X
993                                          COLOR=BLUE,
     X
994                                          INITIAL='MENMFEC'
995                              291        DFHMDF POS=(1,20),
     X
996                                          LENGTH=11,
     X
997                                          ATTRB=(NORM,PROT),
     X
998                                          COLOR=GREEN,
     X
999                                          INITIAL='Master Menu'
1000                             386 TRANID   DFHMDF POS=(1,76),
     X
1001                                         LENGTH=4,
     X
1002                                         ATTRB=(NORM,PROT),
     X
1003                                         COLOR=BLUE,
     X
1004                                         INITIAL='UFEC'
1005                             481+       PUNCH '          02  TRANIDL    COMP  PIC
     S9(4). '  @BBD5E01 01-DFHMD
1006                             482+       PUNCH '          02  TRANIDF    PICTURE X.'
     @BBD5E01 01-DFHMD
```

```
1007                                         483+       PUNCH '         02  FILLER REDEFINES
     TRANIDF.'      @BM13780 01-DFHMD
1008                                         484+       PUNCH '          03 TRANIDA    PICTURE
     X.'          @BM13780 01-DFHMD
1009                                         485+       PUNCH '         02  FILLER   PICTURE
     X(2).'           @L3C 01-DFHMD
1010                                         486+       PUNCH '         02  TRANIDI  PIC X(4).'
     @BBD5E01 01-DFHMD
1011                                         487
     **************************************************************
1012                                         488       DFHMDF POS=(3,1),
     X
1013                                                          LENGTH=36,
     X
1014                                                          ATTRB=(NORM,PROT),
     X
1015                                                          COLOR=NEUTRAL,
     X
1016                                                          INITIAL='Select an action.  Then press
     Enter.'
1017                                         583       DFHMDF POS=(5,1),
     X
1018                                                          LENGTH=14,
     X
1019                                                          ATTRB=(NORM,PROT),
     X
1020                                                          COLOR=GREEN,
     X
1021                                                          INITIAL='Action . . . .'
1022                                         678 ACTION  DFHMDF POS=(5,16),
     X
1023                                                          LENGTH=1,
     X
1024                                                          ATTRB=(NORM,UNPROT,NUM,IC),
     X
1025                                                          COLOR=TURQUOISE,
     X
1026                                                          INITIAL='_'
1027                                         773+       PUNCH '         02  ACTIONL   COMP PIC
     S9(4). '  @BBD5E01 01-DFHMD
1028
     Page    3
1029   Active Usings: None
1030   Loc  Object Code    Addr1 Addr2  Stmt   Source Statement
     HLASM R6.0  2023/03/28 11.52
1031                                         774+       PUNCH '         02  ACTIONF   PICTURE X.'
     @BBD5E01 01-DFHMD
1032                                         775+       PUNCH '         02  FILLER REDEFINES
     ACTIONF.'      @BM13780 01-DFHMD
1033                                         776+       PUNCH '          03 ACTIONA    PICTURE
     X.'          @BM13780 01-DFHMD
1034                                         777+       PUNCH '         02  FILLER   PICTURE
     X(2).'           @L3C 01-DFHMD
1035                                         778+       PUNCH '         02  ACTIONI  PIC X(1).'
     @BBD5E01 01-DFHMD
1036                                         779       DFHMDF POS=(5,18),
     X
```

```
1037                                                    LENGTH=32,
   X
1038                                                    ATTRB=(NORM,ASKIP),
   X
1039                                                    COLOR=NEUTRAL,
   X
1040                                                    INITIAL='1.  Display customer
   information'
1041                                    874        DFHMDF POS=(6,18),
   X
1042                                                    LENGTH=33,
   X
1043                                                    ATTRB=(NORM,PROT),
   X
1044                                                    COLOR=NEUTRAL,
   X
1045                                                    INITIAL='2.  Maintain customer
   information'
1046                                    969        DFHMDF POS=(7,18),
   X
1047                                                    LENGTH=16,
   X
1048                                                    ATTRB=(NORM,PROT),
   X
1049                                                    COLOR=NEUTRAL,
   X
1050                                                    INITIAL='3.  Enter orders'
1051                                    1064       DFHMDF POS=(8,18),
   X
1052                                                    LENGTH=19,
   X
1053                                                    ATTRB=(NORM,PROT),
   X
1054                                                    COLOR=NEUTRAL,
   X
1055                                                    INITIAL='4.  Invoice Summary'
1056                                    1159
    **********************************************************************
1057                                    1160 MESSAGE  DFHMDF POS=(23,1),
   X
1058                                                    LENGTH=79,
   X
1059                                                    ATTRB=(BRT,PROT),
   X
1060                                                    COLOR=YELLOW
1061                                    1255+      PUNCH '         02  MESSAGEL    COMP  PIC
    S9(4). ' @BBD5E01 01-DFHMD
1062                                    1256+      PUNCH '         02  MESSAGEF    PICTURE
    X.'         @BBD5E01 01-DFHMD
1063                                    1257+      PUNCH '         02  FILLER REDEFINES
    MESSAGEF.'    @BM13780 01-DFHMD
1064                                    1258+      PUNCH '          03 MESSAGEA    PICTURE
    X.'         @BM13780 01-DFHMD
1065                                    1259+      PUNCH '         02  FILLER    PICTURE
    X(2).'           @L3C 01-DFHMD
1066                                    1260+      PUNCH '         02  MESSAGEI  PIC X(79).'
    @BBD5E01 01-DFHMD
```

```
1067                                1261          DFHMDF POS=(24,1),
     X
1068                                              LENGTH=20,
     X
1069                                              ATTRB=(NORM,PROT),
     X
1070                                              COLOR=BLUE,
     X
1071                                              INITIAL='F3=Exit   F12=Cancel'
1072                                1356 DUMMY    DFHMDF POS=(24,79),
     X
1073                                              LENGTH=1,
     X
1074                                              ATTRB=(DRK,PROT,FSET),
     X
1075                                              INITIAL=' '
1076                                1450+         PUNCH '          02  DUMMYL    COMP  PIC
     S9(4). '   @BBD5E01 01-DFHMD
1077                                1451+         PUNCH '          02  DUMMYF    PICTURE X.'
     @BBD5E01 01-DFHMD
1078                                1452+         PUNCH '          02  FILLER REDEFINES
     DUMMYF.'      @BM13780 01-DFHMD
1079                                1453+         PUNCH '           03 DUMMYA    PICTURE X.'
     @BM13780 01-DFHMD
1080                                1454+         PUNCH '          02  FILLER   PICTURE
     X(2).'           @L3C 01-DFHMD
1081                                1455+         PUNCH '          02  DUMMYI  PIC X(1).'
     @BBD5E01 01-DFHMD
1082                                1456
     **********************************************************************
1083                                1457 MENSFEC  DFHMSD TYPE=FINAL
1084                                1641+         PUNCH '      01  MENMFECO REDEFINES
     MENMFECI.'           @ 02-DFHMD
1085                                1642+         PUNCH '          02  FILLER PIC X(12).'
     @BB6D00T 02-DFHMD
1086
     Page   4
1087  Active Usings: None
1088  Loc  Object Code   Addr1 Addr2  Stmt   Source Statement
     HLASM R6.0  2023/03/28 11.52
1089                                1643+         PUNCH '          02  FILLER PICTURE X(3).'
     @BM13780 02-DFHMD
1090                                1644+         PUNCH '          02  TRANIDC    PICTURE X.'
     @L3A 02-DFHMD
1091                                1645+         PUNCH '          02  TRANIDH    PICTURE X.'
     @L3A 02-DFHMD
1092                                1646+         PUNCH '          02  TRANIDO  PIC X(4).'
     @BBD5E01 02-DFHMD
1093                                1647+         PUNCH '          02  FILLER PICTURE X(3).'
     @BM13780 02-DFHMD
1094                                1648+         PUNCH '          02  ACTIONC    PICTURE X.'
     @L3A 02-DFHMD
1095                                1649+         PUNCH '          02  ACTIONH    PICTURE X.'
     @L3A 02-DFHMD
1096                                1650+         PUNCH '          02  ACTIONO  PIC X(1).'
     @BBD5E01 02-DFHMD
1097                                1651+         PUNCH '          02  FILLER PICTURE X(3).'
```

```
      @BM13780 02-DFHMD
1098                                             1652+        PUNCH '          02  MESSAGEC    PICTURE
      X.'               @L3A 02-DFHMD
1099                                             1653+        PUNCH '          02  MESSAGEH    PICTURE
      X.'               @L3A 02-DFHMD
1100                                             1654+        PUNCH '          02  MESSAGEO  PIC X(79).'
      @BBD5E01 02-DFHMD
1101                                             1655+        PUNCH '          02  FILLER PICTURE X(3).'
      @BM13780 02-DFHMD
1102                                             1656+        PUNCH '          02  DUMMYC     PICTURE X.'
      @L3A 02-DFHMD
1103                                             1657+        PUNCH '          02  DUMMYH     PICTURE X.'
      @L3A 02-DFHMD
1104                                             1658+        PUNCH '          02  DUMMYO  PIC X(1).'
      @BBD5E01 02-DFHMD
1105                                             1751         END
1106
1107                                                  Macro and Copy Code Source Summary
      Page    5
1108 Con Source                                                Volume     Members
      HLASM R6.0  2023/03/28 11.52
1109   L1 DFH550.CICS.SDFHMAC                                  VTDFHJ     DFHANRAT DFHANRWC DFHCOPYR
      DFHGDEFS DFHMDF   DFHMDI
1110                                                           DFHMSD    DFHPRMCK DFHSYS
1111
1112                                            General Purpose Register Cross Reference
      Page    6
1113 Register  References (M=modified, B=branch, U=USING, D=DROP, N=index)
      HLASM R6.0  2023/03/28 11.52
1114    0(0)   (no references identified)
1115    1(1)   (no references identified)
1116    2(2)   (no references identified)
1117    3(3)   (no references identified)
1118    4(4)   (no references identified)
1119    5(5)   (no references identified)
1120    6(6)   (no references identified)
1121    7(7)   (no references identified)
1122    8(8)   (no references identified)
1123    9(9)   (no references identified)
1124   10(A)   (no references identified)
1125   11(B)   (no references identified)
1126   12(C)   (no references identified)
1127   13(D)   (no references identified)
1128   14(E)   (no references identified)
1129   15(F)   (no references identified)
1130
1131                                            Diagnostic Cross Reference and Assembler Summary
      Page    7
1132
      HLASM R6.0  2023/03/28 11.52
1133     No Statements Flagged in this Assembly
1134 HIGH LEVEL ASSEMBLER, 5696-234, RELEASE 6.0, PTF UI68060
1135 SYSTEM: z/OS 02.04.00               JOBNAME: UUMSBFEC    STEPNAME: MAPSET    PROCSTEP:
      ASMDSECT
1136 Unicode Module:   ASMA047C   From Page     1148  To Page    17584           ECECP:
      International 1
1137 Data Sets Allocated for this Assembly
```

```
1138 Con DDname    Data Set Name                                    Volume   Member
1139  P1 SYSIN     SYS23087.T115222.RA000.UUMSBFEC.TEMPM.H01        TEMP00
1140  L1 SYSLIB    DFH550.CICS.SDFHMAC                              VTDFHJ
1141  L2           SYS1.MACLIB                                      VTMVSC
1142     SYSPRINT KC03FEC.UUMSBFEC.JOB02415.D0000104.?
1143     SYSPUNCH KC03FEC.A2.COBOL                                 KCTR27   MENSFEC
1144
1145  26852K allocated to Buffer Pool       Storage required    928K
1146     83 Primary Input Records Read        6915 Library Records Read              0 Work
   File Reads
1147      0 ASMAOPT Records Read               238 Primary Print Records Written      0 Work
   File Writes
1148     44 Object Records Written               0 ADATA Records Written
1149 Assembly Start Time: 11.52.24 Stop Time: 11.52.24 Processor Time: 00.00.00.0062
1150 Return Code 000
1151
```