

```

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
2          S 2
3 16.29.41 JOB08536 ---- SUNDAY,    28 FEB 2021 ----
4 16.29.41 JOB08536 IRR010I  USERID KC03AAB  IS ASSIGNED TO THIS JOB.
5 16.29.42 JOB08536 ICH70001I KC03AAB  LAST ACCESS AT 16:27:53 ON SUNDAY, FEBRUARY 28, 2021
6 16.29.42 JOB08536 $HASP373 MNTSBAAB STARTED - INIT 2      - CLASS A          - SYS 2964
7 16.29.45 JOB08536 $HASP395 MNTSBAAB ENDED - RC=0004
8 ----- JES2 JOB STATISTICS -----
9 28 FEB 2021 JOB EXECUTION DATE
10          35 CARDS READ
11          2,269 SYSOUT PRINT RECORDS
12          0 SYSOUT PUNCH RECORDS
13          220 SYSOUT SPOOL KBYTES
14          0.05 MINUTES EXECUTION TIME
15 1 //MNTSBAAB JOB 3U391710000034,MSGCLASS=Q,MSGLEVEL=(1,1)                                JOB08536
16 //*****
17 //*      THIS IS THE BMS MAP DEFINITION
18 //*      WHICH IS USED TO ASSEMBLE PHYSICAL AND SYMBOLIC MAPS
19 //*****
20 //*
21 //*      TO CUSTOMIZE THIS SCRIPT YOU WILL NEED TO CHANGE THE FOLLOWING:
22 //*
23 //*
24 //*      DSCTLIB - SET THIS TO THE NAME OF THE DATASET WHICH CONTAINS
25 //*                  YOUR CICS/COBOL APPLICATION CODE.
26 //*
27 //*      MAPNAME - SET THIS TO THE MAP SET NAME PROVIDED BY YOUR
28 //*                  INSTRUCTOR (SHOULD BE DURXXX# WHERE XXX ARE THE LAST
29 //*                  THREE CHARACTERS IN YOUR USER ID AND # IS THE NUMBER
30 //*                  OF THE MAP)
31 //*
32 //*      BMSLIB - SET THIS TO THE NAME OF THE DATASET WHICH CONTAINS
33 //*                  YOUR BMS CODE TO BE INTERPRETED
34 //*
35 //*****
36 //*
37 //*
38 2 //CICSPROC JCLLIB ORDER=(TSOECCC.CICSTS12.PROCLIB)
39 3 //MAPSET EXEC DFHMAPS,OUTC='*',RMODE=24,
40 //*
41 //  BMSLIB='KC03AAB.A3.BMS',
42 //  MAPNAME='MNTSAAB',
43 //  DSCTLIB='KC03AAB.A3.COBOL',
44 //*
45 //*** DO NOT CHANGE MAPLIB OR INDEX!!!
46 //  MAPLIB='TSOECCC.CICSTS12.STUDENT.LOADLIB',
47 //  INDEX='DFH540.CICS'
48 4 XXDFHMAPS PROC INDEX='CICSTS13.CICS', FOR MACLIB                                02000015
49 XX          MAPLIB=,                                TARGET FOR MAP          04000015
50 XX          DSCTLIB=,                                TARGET FOR DSECT          06000015
51 XX          MAPNAME=,                                NAME OF MAPSET - REQUIRED  08000015
52 XX          A=,                                A=A FOR ALIGNED MAP      10000015
53 XX          RMODE=ANY,                                24/ANY                    10300015
54 XX          ASMBLR=ASMA90,                                ASSEMBLER PROGRAM NAME    10600015
55 XX          REG=2048K,                                REGION FOR ASSEMBLY        10900015
56 XX          OUTC=*,                                PRINT SYSOUT CLASS        16000015

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57	XX	WORK=SYSDA	WORK FILE UNIT	18000015
58	5	XXCOPY EXEC PGM=IEBGENER		20000015
59	6	XXSYSPRINT DD SYSOUT=&OUTC		22000015
60		IEFC653I SUBSTITUTION JCL - SYSOUT=*		
61	7	XXSYSUT2 DD DSN=&&TEMPM,UNIT=&WORK,DISP=(,PASS),		24000015
62	XX	DCB=(RECFM=FB,LRECL=80,BLKSIZE=400),		26000015
63	XX	SPACE=(400,(50,50))		28000015
64		IEFC653I SUBSTITUTION JCL - DSN=&&TEMPM,UNIT=SYSDA,DISP=(,PASS),DCB=		
		(RECFM=FB,LRECL=80,BLKSIZE=400),		
65		SPACE=(400,(50,50))		
66	8	XXSYSIN DD DUMMY		30000015
67		XX* SYSUT1 DD * NEEDED FOR THE MAP SOURCE		32000015
68	9	//COPY.SYSUT1 DD DSN=&BMSLIB(&MAPNAME),DISP=SHR		
69		IEFC653I SUBSTITUTION JCL - DSN=KC03AAB.A3.BMS(MNTSAAB),DISP=SHR		
70	10	XXASMMAP EXEC PGM=&ASMBLR,REGION=®,		34000015
71		XX* NOLOAD CHANGED TO NOOBJECT	@BA91512	35000015
72		XX PARM='SYSPARM(&A.MAP),DECK,NOOBJECT'		36000015
73		IEFC653I SUBSTITUTION JCL -		
		PGM=ASMA90,REGION=2048K,PARM='SYSPARM(MAP),DECK,NOOBJECT'		
74	11	XXSYSPRINT DD SYSOUT=&OUTC		38000015
75		IEFC653I SUBSTITUTION JCL - SYSOUT=*		
76	12	XXSYSLIB DD DSN=&INDEX..SDFHMAC,DISP=SHR		40000015
77		IEFC653I SUBSTITUTION JCL - DSN=DFH540.CICS.SDFHMAC,DISP=SHR		
78	13	XX DD DSN=SYS1.MACLIB,DISP=SHR		42000015
79	14	XXSYSUT1 DD UNIT=&WORK,SPACE=(CYL,(5,5))		44000015
80		IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,5))		
81	15	XXSYSUT2 DD UNIT=&WORK,SPACE=(CYL,(5,5))		46000015
82		IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,5))		
83	16	XXSYSUT3 DD UNIT=&WORK,SPACE=(CYL,(5,5))		48000015
84		IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,5))		
85	17	XXSYSPUNCH DD DSN=&&MAP,DISP=(,PASS),UNIT=&WORK,		50000015
86	XX	DCB=(RECFM=FB,LRECL=80,BLKSIZE=400),		52000015
87	XX	SPACE=(400,(50,50))		54000015
88		IEFC653I SUBSTITUTION JCL - DSN=&&MAP,DISP=(,PASS),UNIT=SYSDA,DCB=		
		(RECFM=FB,LRECL=80,BLKSIZE=400),SPACE=(400,		
89		(50,50))		
90	18	XXSYSIN DD DSN=&&TEMPM,DISP=(OLD,PASS)		56000015
91	19	XXLINKMAP EXEC PGM=IEWL,PARM='LIST,LET,XREF,RMODE(&RMODE)'		58000015
92		IEFC653I SUBSTITUTION JCL - PGM=IEWL,PARM='LIST,LET,XREF,RMODE(24)'		
93	20	XXSYSPRINT DD SYSOUT=&OUTC		60000015
94		IEFC653I SUBSTITUTION JCL - SYSOUT=*		
95	21	XXSYSLMOD DD DSN=&MAPLIB(&MAPNAME),DISP=SHR		62000015
96		IEFC653I SUBSTITUTION JCL - DSN=TS0ECCC.CICSTS12.STUDENT.LOADLIB(MNTSAAB),DISP=SHR		
97	22	XXSYSUT1 DD UNIT=&WORK,SPACE=(1024,(20,20))		64000015
98		IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1024,(20,20))		
99	23	XXSYSLIN DD DSN=&&MAP,DISP=(OLD,DELETE)		67000015
100		XX* NOLOAD CHANGED TO NOOBJECT	@BA91512	68000015
101	24	XXASMDSECT EXEC PGM=&ASMBLR,REGION=®,		70000015
102	XX	PARM='SYSPARM(&A.DSECT),DECK,NOOBJECT'		73000015
103		IEFC653I SUBSTITUTION JCL -		
		PGM=ASMA90,REGION=2048K,PARM='SYSPARM(DSECT),DECK,NOOBJECT'		
104	25	XXSYSPRINT DD SYSOUT=&OUTC		76000015
105		IEFC653I SUBSTITUTION JCL - SYSOUT=*		
106	26	XXSYSLIB DD DSN=&INDEX..SDFHMAC,DISP=SHR		79000015
107		IEFC653I SUBSTITUTION JCL - DSN=DFH540.CICS.SDFHMAC,DISP=SHR		
108	27	XX DD DSN=SYS1.MACLIB,DISP=SHR		82000015
109	28	XXSYSUT1 DD UNIT=&WORK,SPACE=(CYL,(5,5))		85000015

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110      IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,5))
111      29 XXSYSUT2   DD UNIT=&WORK,SPACE=(CYL,(5,5))
112      IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,5))
113      30 XXSYSUT3   DD UNIT=&WORK,SPACE=(CYL,(5,5))
114      IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,5))
115      31 //ASMDSECT.SYSPUNCH DD DSN=&DSCTLIB(&MAPNAME)
116      IEF653I SUBSTITUTION JCL - DSN=KC03AAB.A3.COBOL(MNTSAAB)
117      X/SYSPUNCH DD DSN=&DSCTLIB(&MAPNAME),DISP=OLD
118      IEF653I SUBSTITUTION JCL - DSN=KC03AAB.A3.COBOL(MNTSAAB),DISP=OLD
119      32 XXSYSIN    DD DSN=&&TEMPM,DISP=(OLD,DELETE)
120 STMT NO. MESSAGE
121      3 IEF001I PROCEDURE DFHMAPS WAS EXPANDED USING PRIVATE LIBRARY
      TSOECCC.CICSTS12.PROCLIB
122 ICH70001I KC03AAB LAST ACCESS AT 16:27:53 ON SUNDAY, FEBRUARY 28, 2021
123 IEF0111I MNTSBAAB IS USING THE FOLLOWING JOB RELATED SETTINGS:
124      SWA=ABOVE,TIOT SIZE=32K,DSENQSHR=DISALLOW,GDGBIAS=JOB
125 IEF236I ALLOC. FOR MNTSBAAB COPY MAPSET
126 IEF237I JES2 ALLOCATED TO SYSPRINT
127 IGD101I SMS ALLOCATED TO DDNAME (SYSUT2 )
128      DSN (SYS21059.T162942.RA000.MNTSBAAB.TEMPM.H01 )
129      STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
130      VOL SER NOS= TEMP00
131 IEF237I DMY ALLOCATED TO SYSIN
132 IGD103I SMS ALLOCATED TO DDNAME SYSUT1
133 IEF142I MNTSBAAB COPY MAPSET - STEP WAS EXECUTED - COND CODE 0000
134 IEF285I KC03AAB.MNTSBAAB.JOB08536.D0000101.? SYSOUT
135 IGD106I SYS21059.T162942.RA000.MNTSBAAB.TEMPM.H01 PASSED, DDNAME=SYSUT2
136 IGD104I KC03AAB.A3.BMS RETAINED, DDNAME=SYSUT1
137 IEF373I STEP/COPY /START 2021059.1629
138 IEF032I STEP/COPY /STOP 2021059.1629
139      CPU: 0 HR 00 MIN 00.00 SEC SRB: 0 HR 00 MIN 00.00 SEC
140      VIRT: 192K SYS: 264K EXT: 4K SYS: 12592K
141      ATB- REAL: 4128K SLOTS: 0K
142      VIRT- ALLOC: 13M SHRD: 0M
143 IEF236I ALLOC. FOR MNTSBAAB ASMMAP MAPSET
144 IEF237I JES2 ALLOCATED TO SYSPRINT
145 IEF237I 1A10 ALLOCATED TO SYSLIB
146 IEF237I 1001 ALLOCATED TO
147 IGD101I SMS ALLOCATED TO DDNAME (SYSUT1 )
148      DSN (SYS21059.T162942.RA000.MNTSBAAB.R0115742 )
149      STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
150      VOL SER NOS= TEMP00
151 IGD101I SMS ALLOCATED TO DDNAME (SYSUT2 )
152      DSN (SYS21059.T162942.RA000.MNTSBAAB.R0115743 )
153      STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
154      VOL SER NOS= TEMP00
155 IGD101I SMS ALLOCATED TO DDNAME (SYSUT3 )
156      DSN (SYS21059.T162942.RA000.MNTSBAAB.R0115744 )
157      STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
158      VOL SER NOS= TEMP00
159 IGD101I SMS ALLOCATED TO DDNAME (SYSPUNCH)
160      DSN (SYS21059.T162942.RA000.MNTSBAAB.MAP.H01 )
161      STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
162      VOL SER NOS= TEMP00
163 IGD103I SMS ALLOCATED TO DDNAME SYSIN
164 IEF142I MNTSBAAB ASMMAP MAPSET - STEP WAS EXECUTED - COND CODE 0004
165 IEF285I KC03AAB.MNTSBAAB.JOB08536.D0000102.? SYSOUT

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MNTSBAAB:JOB08536.spool

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166 IEF285I  DFH540.CICS.SDFHMAC                                KEPT
167 IEF285I  VOL SER NOS= VTDFHI.
168 IEF285I  SYS1.MACLIB                                        KEPT
169 IEF285I  VOL SER NOS= VTMVSC.
170 IGD105I  SYS21059.T162942.RA000.MNTSBAAB.R0115742        DELETED, DDNAME=SYSUT1
171 IGD105I  SYS21059.T162942.RA000.MNTSBAAB.R0115743        DELETED, DDNAME=SYSUT2
172 IGD105I  SYS21059.T162942.RA000.MNTSBAAB.R0115744        DELETED, DDNAME=SYSUT3
173 IGD106I  SYS21059.T162942.RA000.MNTSBAAB.MAP.H01         PASSED, DDNAME=SYSPUNCH
174 IGD106I  SYS21059.T162942.RA000.MNTSBAAB.TEMPM.H01       PASSED, DDNAME=SYSIN
175 IEF373I  STEP/ASMMAP /START 2021059.1629
176 IEF032I  STEP/ASMMAP /STOP 2021059.1629
177          CPU:      0 HR  00 MIN  00.01 SEC   SRB:      0 HR  00 MIN  00.00 SEC
178          VIRT:    248K  SYS:    264K  EXT:    32768K  SYS:    12592K
179          ATB- REAL:                4152K  SLOTS:                0K
180          VIRT- ALLOC:      18M SHRD:      0M
181 IEF236I  ALLOC. FOR MNTSBAAB LINKMAP MAPSET
182 IEF237I  JES2 ALLOCATED TO SYSPRINT
183 IGD103I  SMS ALLOCATED TO DDNAME SYSLMOD
184 IGD101I  SMS ALLOCATED TO DDNAME (SYSUT1 )
185          DSN (SYS21059.T162942.RA000.MNTSBAAB.R0115745 )
186          STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
187          VOL SER NOS= TEMP00
188 IGD103I  SMS ALLOCATED TO DDNAME SYSLIN
189 IEF142I  MNTSBAAB LINKMAP MAPSET - STEP WAS EXECUTED - COND CODE 0000
190 IEF285I  KC03AAB.MNTSBAAB.JOB08536.D0000103.?             SYSOUT
191 IGD104I  TSOECCC.CICSTS12.STUDENT.LOADLIB                 RETAINED, DDNAME=SYSLMOD
192 IGD105I  SYS21059.T162942.RA000.MNTSBAAB.R0115745        DELETED, DDNAME=SYSUT1
193 IGD105I  SYS21059.T162942.RA000.MNTSBAAB.MAP.H01         DELETED, DDNAME=SYSLIN
194 IEF373I  STEP/LINKMAP /START 2021059.1629
195 IEF032I  STEP/LINKMAP /STOP 2021059.1629
196          CPU:      0 HR  00 MIN  00.00 SEC   SRB:      0 HR  00 MIN  00.00 SEC
197          VIRT:    88K  SYS:    256K  EXT:    1640K  SYS:    12560K
198          ATB- REAL:                4152K  SLOTS:                0K
199          VIRT- ALLOC:      17M SHRD:      0M
200 IEF236I  ALLOC. FOR MNTSBAAB ASMDSECT MAPSET
201 IEF237I  JES2 ALLOCATED TO SYSPRINT
202 IEF237I  1A10 ALLOCATED TO SYSLIB
203 IEF237I  1001 ALLOCATED TO
204 IGD101I  SMS ALLOCATED TO DDNAME (SYSUT1 )
205          DSN (SYS21059.T162942.RA000.MNTSBAAB.R0115746 )
206          STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
207          VOL SER NOS= TEMP00
208 IGD101I  SMS ALLOCATED TO DDNAME (SYSUT2 )
209          DSN (SYS21059.T162942.RA000.MNTSBAAB.R0115747 )
210          STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
211          VOL SER NOS= TEMP00
212 IGD101I  SMS ALLOCATED TO DDNAME (SYSUT3 )
213          DSN (SYS21059.T162942.RA000.MNTSBAAB.R0115748 )
214          STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
215          VOL SER NOS= TEMP00
216 IGD103I  SMS ALLOCATED TO DDNAME SYSPUNCH
217 IGD103I  SMS ALLOCATED TO DDNAME SYSIN
218 IEF142I  MNTSBAAB ASMDSECT MAPSET - STEP WAS EXECUTED - COND CODE 0004
219 IEF285I  KC03AAB.MNTSBAAB.JOB08536.D0000104.?             SYSOUT
220 IEF285I  DFH540.CICS.SDFHMAC                                KEPT
221 IEF285I  VOL SER NOS= VTDFHI.
222 IEF285I  SYS1.MACLIB                                        KEPT

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223 IEF285I VOL SER NOS= VTMVSC.
224 IGD105I SYS21059.T162942.RA000.MNTSBAAB.R0115746 DELETED, DDNAME=SYSUT1
225 IGD105I SYS21059.T162942.RA000.MNTSBAAB.R0115747 DELETED, DDNAME=SYSUT2
226 IGD105I SYS21059.T162942.RA000.MNTSBAAB.R0115748 DELETED, DDNAME=SYSUT3
227 IGD104I KC03AAB.A3.COBOL RETAINED, DDNAME=SYSPUNCH
228 IGD105I SYS21059.T162942.RA000.MNTSBAAB.TEMPM.H01 DELETED, DDNAME=SYSIN
229 IEF373I STEP/ASMDSECT/START 2021059.1629
230 IEF032I STEP/ASMDSECT/STOP 2021059.1629
231 CPU: 0 HR 00 MIN 00.01 SEC SRB: 0 HR 00 MIN 00.00 SEC
232 VIRT: 248K SYS: 260K EXT: 32768K SYS: 12852K
233 ATB- REAL: 4164K SLOTS: 0K
234 VIRT- ALLOC: 20M SHRD: 0M
235 IEF375I JOB/MNTSBAAB/START 2021059.1629
236 IEF033I JOB/MNTSBAAB/STOP 2021059.1629
237 CPU: 0 HR 00 MIN 00.02 SEC SRB: 0 HR 00 MIN 00.00 SEC
238 DATA SET UTILITY - GENERATE
PAGE 0001

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239
240 PROCESSING ENDED AT EOD
241
242

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High Level Assembler Option Summary

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(PTF UI61337) Page 1

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243 HLASM R6.0 2021/02/28 16.29

```

```

244 No Overriding ASMAOPT Parameters
245 Overriding Parameters- SYSPARM(MAP),DECK,NOOBJECT
246 No Process Statements

```

```

247
248
249 Options for this Assembly

```

```

250 NOADATA
251 ALIGN
252 NOASA
253 BATCH
254 CODEPAGE(047C)
255 NOCOMPAT
256 NODATAMAP
257 NOBCS
258 3 PARM/OPTION DECK
259 DXREF
260 ESD
261 NOEXIT
262 FAIL(NOMSG,NOMNOTE,MAXERRS(500))

```

```

263 FLAG(0,ALIGN,CONT,EXLITW,NOIMPLEN,NOLONGER,NOPAGE0,PUSH,RECORD,NOSIGNED,NOSUBSTR,NOTRUNC,USIN
G0)

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264 NOFOLD
265 NOGOFF
266 NOINFO
267 ILMA
268 LANGUAGE(EN)
269 NOLIBMAC
270 LINECOUNT(60)
271 LIST(121)
272 MACHINE(,NOLIST)
273 MXREF(SOURCE)
274 3 PARM/OPTION NOOBJECT

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```

275          OPTABLE(UNI,NOLIST)
276          NOPCONTROL
277          NOPESTOP
278          NOPROFILE
279          NORA2
280          NORENT
281          RLD
282          RXREF
283          SECTALGN(8)
284          SIZE(MAX)
285          NOSUPRWARN
286 3  PARM/OPTION          SYSPARM(MAP)
287          NOTERM
288          NOTEST
289          THREAD
290          NOTRANSULATE
291          TYPECHECK(MAGNITUDE,REGISTER)
292          USING(NOLIMIT,MAP,WARN(15))
293          NOWORKFILE
294          XREF(SHORT,UNREFS)
295

```

296 No Overriding DD Names

297

298

External Symbol Dictionary

Page 2

Symbol	Type	Id	Address	Length	Owner	Id	Flags	Alias-of
HLASM R6.0		2021/02/28	16.29					
300MNTSAABM	SD	00000001	00000000	00000710			06	

301

302

Page 3

303 Active Usings: None

Loc	Object	Code	Addr1	Addr2	Stmt	Source	Statement
HLASM R6.0		2021/02/28	16.29				
305					1 *		PRINT NOGEN
306					2 MNTSAAB	DFHMSD	TYPE=&SYSPARM,

HLASM R6.0 2021/02/28 16.29

305

306

X

307

X

308

X

309

X

310

X

311

X

312

X

313

X

314

315

100+*****

316 000000 00000 00710 101+MNTSAABM CSECT

@PCA 01-DFHMS

317

102+MNTSAABM AMODE 31

MNTSBAAB:JOB08536.spool

```

@PCA 01-DFHMS
318                                103+MNTSAABM RMODE ANY
@PCA 01-DFHMS
319 000000                        104+MSD0001 DS    0D                MAP SET ORIGIN
@02A 01-DFHMS
320 000000 D4D5E3E2C1C1C2D4      105+          DC    CL8 'MNTSAABM'    MAP SET NAME
@ 01-DFHMS
321 000008 00                    106+          DC    AL1(DFHU0)        OVERFLOW TRAILER
LENGTH                          01-DFHMS
322 000009 32                    107+          DC    X'32'              VERSION 3.2 OF
CICS                            @P5C 01-DFHMS
323 00000A 4040                  108+          DC    CL2 ' '            LDC MNEMONIC
@BB85D1L 01-DFHMS
324
109+*****
325
326                                111
*****
327                                112 MNT1AAB DFHMDI SIZE=(24,80),
X
328                                LINE=1,
X
329                                COLUMN=1
330
204+*****
331 00000C                        205+MNT1AAB DS    0C .                MAP ORIGIN
@ 01-DFHMD
332                                0000C      206+DFHL1 EQU    *            START OF MAP
01-DFHMD
333 00000C 004F                  207+          DC    AL2(DFHK1)        MAP DESCRIPTOR
LENGTH                          01-DFHMD
334 00000E 0000                  208+          DC    XL2 '0000'        INPUT PARTITION
NAME @E5E2C @H1C 01-DFHMD
335 000010 0000                  209+          DC    XL2 '0000'        OUTPUT PARTITION
NAME @E5E2C @H1C 01-DFHMD
336 000012 0000                  210+          DC    XL2 '0000'        ACTIVE PARTITION
NAME @E5E2C @H1C 01-DFHMD
337 000014 D4D5E3F1C1C1C240      211+          DC    CL8 'MNT1AAB' .    MAP NAME
@ 01-DFHMD
338 00001C 02D1                  212+          DC    AL2(DFHM1)        MAP LENGTH
01-DFHMD
339 00001E 0096                  213+          DC    AL2(DFHS1)        MAP SPECIFICATION
LENGTH                          01-DFHMD
340 000020 007B                  214+          DC    AL2(DFHN1)        INPUT WORK AREA
LENGTH                          01-DFHMD
341 000022 01EB                  215+          DC    AL2(DFHP1)        OUTPUT WORK AREA
LENGTH                          01-DFHMD
342 000024 C0                    216+          DC    AL1(192) .    MAP
DESCRIPTOR FLAG BYTE @ 01-DFHMD
343 000025 C2                    217+          DC    CL1 'B'            3270 WRITE CONTROL
CHARACTER @ 01-DFHMD
344 000026 0000                  218+          DC    AL2(DFHQ1)        3270 CURSOR
POSITION                          01-DFHMD
345 000028 00                    219+          DC    AL1(0)            MAP MARGIN
@ 01-DFHMD
346 000029 18                    220+          DC    AL1(24)        MAP LENGTH -
NUMBER OF LINES @ 01-DFHMD

```


34700002A 50		221+	DC	AL1(80)	MAP WIDTH - NUMBER
OF COLUMNS	@ 01-DFHMD				
34800002B 01		222+	DC	AL1(1)	MAP STARTING LINE
NUMBER	@ 01-DFHMD				
34900002C 01		223+	DC	AL1(1)	MAP STARTING
COLUMN NUMBER	@ 01-DFHMD				
35000002D 10		224+	DC	AL1(DFHT1)	MAP INDICATOR
01-DFHMD					
35100002E 00		225+	DC	AL1(0)	TYPE REQUEST BYTE
TWO	@ 01-DFHMD				
35200002F 00		226+	DC	AL1(0)	TYPE REQUEST BYTE
THREE	@ 01-DFHMD				
353000030	00030 0002E	227+	ORG	*-2	Overlay byte 2 and
3	@0DA 01-DFHMD				
35400002E 0000		228+	DC	AL2(DFHZ1)	Count of useredit
fields	@0DA 01-DFHMD				
355000030 00		229+	DC	AL1(0)	TYPE REQUEST BYTE
FOUR	@ 01-DFHMD				
356000031 00		230+	DC	AL1(0)	TYPE REQUEST BYTE
FIVE	@ 01-DFHMD				
357000032 01D9		231+	DC	AL2(DFHX1)	offset of
descriptor	@L8C 01-DFHMD				
358					

Page 4

359 Active Usings: None

360 Loc	Object Code	Addr1	Addr2	Stmt	Source	Statement
HLASM R6.0	2021/02/28	16.29				

361000034 00		232+	DC	AL1(0)	REQUEST WRITE
CONTROL CHARACTER	@ 01-DFHMD				
362000035 0C		233+	DC	AL1(12)	MAX NO OF ATTRS
@L3A 01-DFHMD					
363000036 00000000		234+	DC	AL4(0)	MAP CHAIN POINTER
@L3A 01-DFHMD					
36400003A 0002		235+	DC	AL2(2)	NO. OF ATTRS IN
MAP FIELDS	@L3A 01-DFHMD				
36500003C 0002		236+	DC	AL2(2)	NO. OF ATTRS IN
DSECT FIELDS	@L3A 01-DFHMD				
36600003E 01000200		237+	DC	AL1(1,0,2,0)	
@L3A 01-DFHMD					
367000042 00000000		238+	DC	AL1(0,0,0,0)	
@L3A 01-DFHMD					
368000046 00000000		239+	DC	AL1(0,0,0,0)	
@L3A 01-DFHMD					
36900004A 01000200		240+	DC	AL1(1,0,2,0)	
@L3A 01-DFHMD					
37000004E 00000000		241+	DC	AL1(0,0,0,0)	
@L3A 01-DFHMD					
371000052 00000000		242+	DC	AL1(0,0,0,0)	
@L3A 01-DFHMD					
372000056 00		243+	DC	AL1(0)	FIELD SEPARATOR
LENGTH	@L3A 01-DFHMD				
373000057 40404040		244+	DC	CL4 ' '	FIELD
SEPARATOR VALUE	@L3C 01-DFHMD				
374	0004F	245+DFHK1	EQU	*-DFHL1	LENGTH OF MAP
HEADER	01-DFHMD				

375

246+*****


```

376
377                                248
*****
378                                249          DFHMD F POS=(1,1),
X
379                                LENGTH=7,
X
380                                ATTRB=(NORM,PROT),
X
381                                COLOR=BLUE,
X
382                                INITIAL='MNT1AAB'
383
344+*****
38400005B                                345+          DS          0C          FIELD NAME
@ 01-DFHMD
38500005B 0000                                346+          DC          AL2(0)          FIELD PAGE
POSITION                                @ 01-DFHMD
38600005D 0007                                347+          DC          AL2(7)          FIELD LENGTH
@ 01-DFHMD
38700005F 02                                348+          DC          AL1(2)          FIELD DESCRIPTOR
FLAG BYTE                                @ 01-DFHMD
388000060 60                                349+          DC          CL1 '-'          FIELD ATTRIBUTE
@ 01-DFHMD
389000061 0000                                350+          DC          AL2(0)          FIELD
POSITION                                @ 01-DFHMD
390000063 F1                                351+          DC          X'F1'          COLOUR ATTRIBUTE
@L3C 01-DFHMD
391000064 00                                352+          DC          X'00'          HIGHLIGHTING
ATTRIBUTE                                @L3C 01-DFHMD
392000065 D4D5E3F1C1C1C2                                353+          DC          CL7 'MNT1AAB'          DEFAULT MAP DATA
@ 01-DFHMD
393
354+*****
394
395                                356          DFHMD F POS=(1,20),
X
396                                LENGTH=20,
X
397                                ATTRB=(NORM,PROT),
X
398                                COLOR=GREEN,
X
399                                INITIAL='Customer Maintenance'
400
451+*****
40100006C                                452+          DS          0C          FIELD NAME
@ 01-DFHMD
40200006C 0000                                453+          DC          AL2(0)          FIELD PAGE
POSITION                                @ 01-DFHMD
40300006E 0014                                454+          DC          AL2(20)          FIELD LENGTH
@ 01-DFHMD
404000070 02                                455+          DC          AL1(2)          FIELD DESCRIPTOR
FLAG BYTE                                @ 01-DFHMD
405000071 60                                456+          DC          CL1 '-'          FIELD ATTRIBUTE
@ 01-DFHMD
406000072 0013                                457+          DC          AL2(19)          FIELD

```

```

      POSITION                @ 01-DFHMD
407000074 F4                458+          DC   X'F4'                COLOUR ATTRIBUTE
      @L3C 01-DFHMD
408000075 00                459+          DC   X'00'                HIGHLIGHTING
      ATTRIBUTE              @L3C 01-DFHMD
409000076 C3A4A2A396948599 460+          DC   CL20'Customer Maintenance'
      X01-DFHMD
41000007E 40D4818995A38595      +                DEFAULT MAP DATA
      @
411
461+*****
412
      Page      5
413 Active Usings: None
414 Loc  Object Code  Addr1 Addr2  Stmt  Source Statement
      HLASM R6.0  2021/02/28 16.29
415                                463 TRANID1  DFHMDF POS=(1,76),
      X
416                                LENGTH=4,
      X
417                                ATTRB=(NORM,PROT),
      X
418                                COLOR=BLUE,
      X
419                                INITIAL='XXXX'
420
458+*****
42100008A                559+TRANID1  DS    0C                FIELD NAME
      @08A 01-DFHMD
42200008A 0000                560+          DC   AL2(0)                FIELD PAGE
      POSITION                @ 01-DFHMD
42300008C 0004                561+          DC   AL2(4)                FIELD LENGTH
      @ 01-DFHMD
42400008E 03                562+          DC   AL1(3)                FIELD DESCRIPTOR
      FLAG BYTE              @ 01-DFHMD
42500008F 60                563+          DC   CL1'-'                FIELD ATTRIBUTE
      @ 01-DFHMD
426000090 004B                564+          DC   AL2(75)                FIELD
      POSITION                @ 01-DFHMD
427000092 F1                565+          DC   X'F1'                COLOUR ATTRIBUTE
      @L3C 01-DFHMD
428000093 00                566+          DC   X'00'                HIGHLIGHTING
      ATTRIBUTE              @L3C 01-DFHMD
429000094 E7E7E7E7            567+          DC   CL4'XXXX'                DEFAULT MAP DATA
      @ 01-DFHMD
430
458+*****
431
432                                570
      *****
433                                571                DFHMDF POS=(3,1),
      X
434                                LENGTH=63,
      X
435                                ATTRB=(NORM,PROT),
      X
436                                COLOR=WHITE,

```

```

X
437                                     INITIAL='Type a customer number.  Then
      select an action X
438                                     and press Enter.'
439** ASMA254I *** MNOTE ***          666+      4, COLOR PARAMETER IS INVALID - DEFAULT TO
      'DEFAULT'                        02-DFHPR
440
      667+*****
441000098                                668+      DS      0C                                FIELD NAME
      @ 01-DFHMD
442000098 0000                                669+      DC      AL2(0)                                FIELD PAGE
      POSITION                                @ 01-DFHMD
44300009A 003F                                670+      DC      AL2(63)                                FIELD LENGTH
      @ 01-DFHMD
44400009C 02                                671+      DC      AL1(2)                                FIELD DESCRIPTOR
      FLAG BYTE                                @ 01-DFHMD
44500009D 60                                672+      DC      CL1'-'                                FIELD ATTRIBUTE
      @ 01-DFHMD
44600009E 00A0                                673+      DC      AL2(160)                                FIELD
      POSITION                                @ 01-DFHMD
4470000A0 00                                674+      DC      X'00'                                COLOUR ATTRIBUTE
      @L3C 01-DFHMD
4480000A1 00                                675+      DC      X'00'                                HIGHLIGHTING
      ATTRIBUTE                                @L3C 01-DFHMD
4490000A2 E3A8978540814083                676+      DC      CL63'Type a customer number.  Then
      select an action and X01-DFHMD
4500000AA A4A2A39694859940                +      press Enter.'            DEFAULT MAP DATA
      @
451
      677+*****
452
453                                679      DFHMDF POS=(5,1),
      X
454                                LENGTH=24,
      X
455                                ATTRB=(NORM,PROT),
      X
456                                COLOR=GREEN,
      X
457                                INITIAL='Customer number. . . . .'
458
      774+*****
4590000E1                                775+      DS      0C                                FIELD NAME
      @ 01-DFHMD
4600000E1 0000                                776+      DC      AL2(0)                                FIELD PAGE
      POSITION                                @ 01-DFHMD
4610000E3 0018                                777+      DC      AL2(24)                                FIELD LENGTH
      @ 01-DFHMD
4620000E5 02                                778+      DC      AL1(2)                                FIELD DESCRIPTOR
      FLAG BYTE                                @ 01-DFHMD
4630000E6 60                                779+      DC      CL1'-'                                FIELD ATTRIBUTE
      @ 01-DFHMD
4640000E7 0140                                780+      DC      AL2(320)                                FIELD
      POSITION                                @ 01-DFHMD
4650000E9 F4                                781+      DC      X'F4'                                COLOUR ATTRIBUTE
      @L3C 01-DFHMD
466

```

Page 6

467 Active Usings: None

468 Loc Object Code Addr1 Addr2 Stmt Source Statement

HLASM R6.0 2021/02/28 16.29

469 0000EA 00 782+ DC X'00' HIGHLIGHTING
 ATTRIBUTE @L3C 01-DFHMD
 470 0000EB C3A4A2A396948599 783+ DC CL24'Customer number.'
 X01-DFHMD
 471 0000F3 4095A4948285994B + DEFAULT MAP DATA
 @

472
 784+*****

473
 474 786 CUSTN01 DFHMDF POS=(5,26),
 X
 475 LENGTH=6,
 X
 476 ATTRB=(NORM,UNPROT,FSET),
 X
 477 COLOR=TURQUOISE,
 X
 478 INITIAL='_____'
 479

881+*****
 480 000103 882+CUSTN01 DS 0C FIELD NAME
 @08A 01-DFHMD
 481 000103 0000 883+ DC AL2(0) FIELD PAGE
 POSITION @ 01-DFHMD
 482 000105 0006 884+ DC AL2(6) FIELD LENGTH
 @ 01-DFHMD
 483 000107 03 885+ DC AL1(3) FIELD DESCRIPTOR
 FLAG BYTE @ 01-DFHMD
 484 000108 C1 886+ DC CL1'A' FIELD ATTRIBUTE
 @ 01-DFHMD
 485 000109 0159 887+ DC AL2(345) . FIELD
 POSITION @ 01-DFHMD
 486 00010B F5 888+ DC X'F5' COLOUR ATTRIBUTE
 @L3C 01-DFHMD
 487 00010C 00 889+ DC X'00' HIGHLIGHTING
 ATTRIBUTE @L3C 01-DFHMD
 488 00010D 6D6D6D6D6D6D 890+ DC CL6'_____' DEFAULT MAP DATA
 @ 01-DFHMD

489
 891+*****

490
 491 893 DFHMDF POS=(5,33),
 X
 492 LENGTH=1,
 X
 493 ATTRB=ASKIP
 494

987+*****
 495 000113 988+ DS 0C FIELD NAME
 @ 01-DFHMD
 496 000113 0000 989+ DC AL2(0) FIELD PAGE
 POSITION @ 01-DFHMD
 497 000115 0001 990+ DC AL2(1) FIELD LENGTH

```

@ 01-DFHMD
498000117 00          991+      DC    AL1(0)          FIELD DESCRIPTOR
FLAG BYTE          @ 01-DFHMD
499000118 F0          992+      DC    CL1'0'          FIELD ATTRIBUTE
@ 01-DFHMD
500000119 0160        993+      DC    AL2(352)        FIELD
POSITION          @ 01-DFHMD
50100011B 00          994+      DC    X'00'          COLOUR ATTRIBUTE
@L3C 01-DFHMD
50200011C 00          995+      DC    X'00'          HIGHLIGHTING
ATTRIBUTE          @L3C 01-DFHMD
503
996+*****
504
505          998      DFHMDF POS=(7,1),
X
506          LENGTH=24,
X
507          ATTRB=(NORM,PROT),
X
508          COLOR=GREEN,
X
509          INITIAL='Action . . . . . '
510
1093+*****
51100011D          1094+      DS    0C          FIELD NAME
@ 01-DFHMD
51200011D 0000        1095+      DC    AL2(0)          FIELD PAGE
POSITION          @ 01-DFHMD
51300011F 0018        1096+      DC    AL2(24)         FIELD LENGTH
@ 01-DFHMD
514000121 02          1097+      DC    AL1(2)          FIELD DESCRIPTOR
FLAG BYTE          @ 01-DFHMD
515000122 60          1098+      DC    CL1'- '          FIELD ATTRIBUTE
@ 01-DFHMD
516000123 01E0        1099+      DC    AL2(480)        FIELD
POSITION          @ 01-DFHMD
517000125 F4          1100+      DC    X'F4'          COLOUR ATTRIBUTE
@L3C 01-DFHMD
518
Page      7
519 Active Usings: None
520 Loc  Object Code  Addr1 Addr2 Stmt  Source Statement
HLASM R6.0  2021/02/28 16.29
521000126 00          1101+      DC    X'00'          HIGHLIGHTING
ATTRIBUTE          @L3C 01-DFHMD
522000127 C183A3899695404B 1102+      DC    CL24'Action . . . . . '
X01-DFHMD
52300012F 404B404B404B404B +          DEFAULT MAP DATA
@
524
1103+*****
525
526          1105 ACTION  DFHMDF POS=(7,26),
X
527          LENGTH=1,
X

```

```

528                                     ATTRB=(NORM,NUM,FSET),
      X
529                                     COLOR=TURQUOISE,
      X
530                                     INITIAL=' _ '
531
    1200+*****
532 00013F                                1201+ACTION    DS    0C                                FIELD NAME
      @08A 01-DFHMD
533 00013F 0000                                1202+            DC    AL2(0)                                FIELD PAGE
      POSITION                                @ 01-DFHMD
534 000141 0001                                1203+            DC    AL2(1)                                FIELD LENGTH
      @ 01-DFHMD
535 000143 0F                                1204+            DC    AL1(15)                               FIELD DESCRIPTOR
      FLAG BYTE                                @ 01-DFHMD
536 000144 D1                                1205+            DC    CL1'J'                                FIELD ATTRIBUTE
      @ 01-DFHMD
537 000145 01F9                                1206+            DC    AL2(505)                                FIELD
      POSITION                                @ 01-DFHMD
538 000147 F5                                1207+            DC    X'F5'                                COLOUR ATTRIBUTE
      @L3C 01-DFHMD
539 000148 00                                1208+            DC    X'00'                                HIGHLIGHTING
      ATTRIBUTE                                @L3C 01-DFHMD
540 000149 6D                                1209+            DC    CL1' _ '                                DEFAULT MAP DATA
      @ 01-DFHMD
541
    1210+*****
542
543                                1212            DFHMDF POS=(7,28),
      X
544                                LENGTH=21,
      X
545                                ATTRB=(NORM,ASKIP),
      X
546                                COLOR=WHITE,
      X
547                                INITIAL='1. Add a new customer'
548 ** ASMA254I *** MNOTE ***                                1307+            4, COLOR PARAMETER IS INVALID - DEFAULT TO
      'DEFAULT'                                02-DFHPR
549
    1308+*****
550 00014A                                1309+            DS    0C                                FIELD NAME
      @ 01-DFHMD
551 00014A 0000                                1310+            DC    AL2(0)                                FIELD PAGE
      POSITION                                @ 01-DFHMD
552 00014C 0015                                1311+            DC    AL2(21)                               FIELD LENGTH
      @ 01-DFHMD
553 00014E 02                                1312+            DC    AL1(2)                                FIELD DESCRIPTOR
      FLAG BYTE                                @ 01-DFHMD
554 00014F F0                                1313+            DC    CL1'0'                                FIELD ATTRIBUTE
      @ 01-DFHMD
555 000150 01FB                                1314+            DC    AL2(507)                                FIELD
      POSITION                                @ 01-DFHMD
556 000152 00                                1315+            DC    X'00'                                COLOUR ATTRIBUTE
      @L3C 01-DFHMD
557 000153 00                                1316+            DC    X'00'                                HIGHLIGHTING
      ATTRIBUTE                                @L3C 01-DFHMD

```

```

558000154 F14B40C184844081      1317+      DC      CL21'1. Add a new customer'
      X01-DFHMD
55900015C 409585A64083A4A2      +      DEFAULT MAP DATA
      @
560
      1318+*****
561
562      1320      DFHMDF POS=(8,28),
      X
563      LENGTH=30,
      X
564      ATTRB=(NORM,ASKIP),
      X
565      COLOR=WHITE,
      X
566      INITIAL='2. Change an existing
      customer'
567** ASMA254I *** MNOTE ***      1415+      4, COLOR PARAMETER IS INVALID - DEFAULT TO
      'DEFAULT'      02-DFHPR
568
      1416+*****
569000169      1417+      DS      0C      FIELD NAME
      @ 01-DFHMD
570
      Page      8
571 Active Usings: None
572 Loc Object Code Addr1 Addr2 Stmt Source Statement
      HLASM R6.0 2021/02/28 16.29
573000169 0000      1418+      DC      AL2(0)      FIELD PAGE
      POSITION      @ 01-DFHMD
57400016B 001E      1419+      DC      AL2(30)      FIELD LENGTH
      @ 01-DFHMD
57500016D 02      1420+      DC      AL1(2)      FIELD DESCRIPTOR
      FLAG BYTE      @ 01-DFHMD
57600016E F0      1421+      DC      CL1'0'      FIELD ATTRIBUTE
      @ 01-DFHMD
57700016F 024B      1422+      DC      AL2(587)      FIELD
      POSITION      @ 01-DFHMD
578000171 00      1423+      DC      X'00'      COLOUR ATTRIBUTE
      @L3C 01-DFHMD
579000172 00      1424+      DC      X'00'      HIGHLIGHTING
      ATTRIBUTE      @L3C 01-DFHMD
580000173 F24B40C388819587      1425+      DC      CL30'2. Change an existing customer'
      X01-DFHMD
58100017B 854081954085A789      +      DEFAULT MAP DATA
      @
582
      1426+*****
583
584      1428      DFHMDF POS=(9,28),
      X
585      LENGTH=21,
      X
586      ATTRB=(NORM,ASKIP),
      X
587      COLOR=WHITE,
      X

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588                                     INITIAL='3. Delete an existing
customer'
589 ** ASMA254I *** MNOTE ***          1523+      4, COLOR PARAMETER IS INVALID - DEFAULT TO
'DEFAULT'                                02-DFHPR
590
1524+*****
591000191                                1525+      DS      0C              FIELD NAME
@ 01-DFHMD
592000191 0000                          1526+      DC      AL2(0)          FIELD PAGE
POSITION                                @ 01-DFHMD
593000193 0015                          1527+      DC      AL2(21)         FIELD LENGTH
@ 01-DFHMD
594000195 02                            1528+      DC      AL1(2)          FIELD DESCRIPTOR
FLAG BYTE                              @ 01-DFHMD
595000196 F0                            1529+      DC      CL1'0'           FIELD ATTRIBUTE
@ 01-DFHMD
596000197 029B                          1530+      DC      AL2(667)        FIELD
POSITION                                @ 01-DFHMD
597000199 00                            1531+      DC      X'00'           COLOUR ATTRIBUTE
@L3C 01-DFHMD
59800019A 00                            1532+      DC      X'00'           HIGHLIGHTING
ATTRIBUTE                              @L3C 01-DFHMD
59900019B F34B40C4859385A3              1533+      DC      CL21'3. Delete an existing customer'
X01-DFHMD
6000001A3 854081954085A789              +              DEFAULT MAP DATA
@
601
1534+*****
602
603                                1536 MSG1      DFHMDF POS=(23,1),
X
604                                LENGTH=79,
X
605                                ATTRB=(BRT,PROT),
X
606                                COLOR=YELLOW
607
1631+*****
6080001B0                                1632+MSG1      DS      0C              FIELD NAME
@08A 01-DFHMD
6090001B0 0000                          1633+      DC      AL2(0)          FIELD PAGE
POSITION                                @ 01-DFHMD
6100001B2 004F                          1634+      DC      AL2(79)         FIELD LENGTH
@ 01-DFHMD
6110001B4 01                            1635+      DC      AL1(1)          FIELD DESCRIPTOR
FLAG BYTE                              @ 01-DFHMD
6120001B5 E8                            1636+      DC      CL1'Y'           FIELD ATTRIBUTE
@ 01-DFHMD
6130001B6 06E0                          1637+      DC      AL2(1760)        FIELD
POSITION                                @ 01-DFHMD
6140001B8 F6                            1638+      DC      X'F6'           COLOUR ATTRIBUTE
@L3C 01-DFHMD
6150001B9 00                            1639+      DC      X'00'           HIGHLIGHTING
ATTRIBUTE                              @L3C 01-DFHMD
616
1640+*****
617

```

```

618                                1642                DFHMD F POS=(24,1),
        X
619                                LENGTH=20,
        X
620                                ATTRB=(NORM,PROT),
        X
621                                COLOR=BLUE,
        X
622
        Page      9
623 Active Usings: None
624 Loc  Object Code   Addr1 Addr2  Stmt   Source Statement
        HLASM R6.0   2021/02/28 16.29
625                                INITIAL='F3=Exit  F12=Cancel'
626
        1737+*****
6270001BA                                1738+                DS      0C                FIELD NAME
        @ 01-DFHMD
6280001BA 0000                                1739+                DC      AL2(0)                FIELD PAGE
        POSITION                                @ 01-DFHMD
6290001BC 0014                                1740+                DC      AL2(20)                FIELD LENGTH
        @ 01-DFHMD
6300001BE 02                                1741+                DC      AL1(2)                FIELD DESCRIPTOR
        FLAG BYTE                                @ 01-DFHMD
6310001BF 60                                1742+                DC      CL1 '-'                FIELD ATTRIBUTE
        @ 01-DFHMD
6320001C0 0730                                1743+                DC      AL2(1840)                FIELD
        POSITION                                @ 01-DFHMD
6330001C2 F1                                1744+                DC      X'F1'                COLOUR ATTRIBUTE
        @L3C 01-DFHMD
6340001C3 00                                1745+                DC      X'00'                HIGHLIGHTING
        ATTRIBUTE                                @L3C 01-DFHMD
6350001C4 C6F37EC5A789A340                1746+                DC      CL20'F3=Exit  F12=Cancel'
        X01-DFHMD
6360001CC 4040C6F1F27EC381                +                DEFAULT MAP DATA
        @
637
        1747+*****
638
639                                1749 DUMMY1    DFHMD F POS=(24,79),
        X
640                                LENGTH=1,
        X
641                                ATTRB=(DRK,PROT,FSET),
        X
642                                INITIAL=' '
643
        1843+*****
6440001D8                                1844+DUMMY1    DS      0C                FIELD NAME
        @08A 01-DFHMD
6450001D8 0000                                1845+                DC      AL2(0)                FIELD PAGE
        POSITION                                @ 01-DFHMD
6460001DA 0001                                1846+                DC      AL2(1)                FIELD LENGTH
        @ 01-DFHMD
6470001DC 03                                1847+                DC      AL1(3)                FIELD DESCRIPTOR
        FLAG BYTE                                @ 01-DFHMD
6480001DD 6D                                1848+                DC      CL1 '_'                FIELD ATTRIBUTE

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@ 01-DFHMD
6490001DE 077E          1849+      DC    AL2(1918)      .          FIELD
    POSITION              @ 01-DFHMD
6500001E0 00          1850+      DC    X'00'          COLOUR ATTRIBUTE
    @L3C 01-DFHMD
6510001E1 00          1851+      DC    X'00'          HIGHLIGHTING
    ATTRIBUTE            @L3C 01-DFHMD
6520001E2 40          1852+      DC    CL1' '          DEFAULT MAP DATA
    @ 01-DFHMD
653
    1853+*****
654
655          1855
    *****
656          1856 MNT2AAB  DFHMDI SIZE=(24,80),
    X
657          LINE=1,
    X
658          COLUMN=1
659
    1948+*****
660          00096      1949+DFHS1  EQU    150      .          MAP
    SPECIFICATION LENGTH      01-DFHMD
661          0007B      1950+DFHN1  EQU    123          INPUT WORK AREA
    LENGTH              01-DFHMD
662          001EB      1951+DFHP1  EQU    491          OUTPUT WORK AREA
    LENGTH              01-DFHMD
663          00000      1952+DFHQ1  EQU    0          CURSOR POSITION
    01-DFHMD
664          00000      1953+DFHZ1  EQU    0          count of useredit
    fields              @0DA 01-DFHMD
665          00010      1954+DFHT1  EQU    16      .          MAP INDICATOR
    01-DFHMD
6660001E3 FFFF          1955+      DC    2XL1'FF'          END OF MAP
    @ 01-DFHMD
667          001E5      1956+DFHXX1 EQU    *
    @L8A 01-DFHMD
668          001D9      1957+DFHX1  EQU    DFHXX1-DFHL1      offset of
    descriptor          @L8A 01-DFHMD
6690001E5 00F8          1958+      DC    AL2(DFHY1)
    @L8A 01-DFHMD
6700001E7 C1C4E2C4      1959+      DC    C'ADSD'
    @L8A 01-DFHMD
6710001EB 0001          1960+      DC    AL2(1)          index of map
    within mapset        @L8A 01-DFHMD
6720001ED 0005          1961+      DC    AL2(5)          no of fields in
    ADS                  @L8A 01-DFHMD
6730001EF 0080          1962+      DC    AL2(123+5)        length of ADS
    @L8A 01-DFHMD
6740001F1 0002          1963+      DC    AL2(2)          no of attributes
    per field            @L8A 01-DFHMD
6750001F3 C3C840404040 1964+      DC    CL6'CH' '
    @L8C 01-DFHMD
676
    Page    10
677  Active Usings: None
678  Loc  Object Code  Addr1 Addr2  Stmt  Source Statement

```

MNTSBAAB:JOB08536.spool

HLASM R6.0 2021/02/28 16.29					
6790001F9 404040404040		1965+	DC	CL6'	
@L8C 01-DFHMD					
6800001FF D3		1966+	DC	CL1'L'	JUSTIFY LEFT or
RIGHT	@L8A 01-DFHMD				
681000200 40		1967+	DC	CL1' '	JUSTIFY FIRST,
LAST or BOTTOM	@L8A 01-DFHMD				
682000201 0001		1968+	DC	AL2(1)	starting line
@L8A 01-DFHMD					
683000203 0001		1969+	DC	AL2(1)	starting column
@L8A 01-DFHMD					
684000205 0018		1970+	DC	AL2(24)	no of lines
@L8A 01-DFHMD					
685000207 0050		1971+	DC	AL2(80)	no of columns
@L8A 01-DFHMD					
686000209 C2		1972+	DC	CL1'B'	Write Control
Character	@L8A 01-DFHMD				
68700020A 00		1973+	DC	BL1'00'	align to half-word
boundary	@L8A 01-DFHMD				
68800020B E3D9C1D5C9C4F140		1974+	DC	CL32'TRANID1'	field name
@L8A 01-DFHMD					
68900022B 0007		1975+	DC	AL2(7)	length of field
name	@L8A 01-DFHMD				
69000022D 0000		1976+	DC	AL2(0)	index within
OCCURS	@L8A 01-DFHMD				
69100022F 000C		1977+	DC	AL2(12)	offset within
dsect	@L8A 01-DFHMD				
692000231 0004		1978+	DC	AL2(4)	length of field
@L8A 01-DFHMD					
693000233 D3		1979+	DC	C'L'	field
justification (L or R)	@L8A 01-DFHMD				
694000234 40		1980+	DC	C' '	field fill char
(blank or 0)	@L8A 01-DFHMD				
695000235 C3E4E2E3D5D6F140		1981+	DC	CL32'CUSTN01'	field name
@L8A 01-DFHMD					
696000255 0007		1982+	DC	AL2(7)	length of field
name	@L8A 01-DFHMD				
697000257 0000		1983+	DC	AL2(0)	index within
OCCURS	@L8A 01-DFHMD				
698000259 0015		1984+	DC	AL2(21)	offset within
dsect	@L8A 01-DFHMD				
69900025B 0006		1985+	DC	AL2(6)	length of field
@L8A 01-DFHMD					
70000025D D3		1986+	DC	C'L'	field
justification (L or R)	@L8A 01-DFHMD				
70100025E 40		1987+	DC	C' '	field fill char
(blank or 0)	@L8A 01-DFHMD				
70200025F C1C3E3C9D6D54040		1988+	DC	CL32'ACTION'	field name
@L8A 01-DFHMD					
70300027F 0006		1989+	DC	AL2(6)	length of field
name	@L8A 01-DFHMD				
704000281 0000		1990+	DC	AL2(0)	index within
OCCURS	@L8A 01-DFHMD				
705000283 0020		1991+	DC	AL2(32)	offset within
dsect	@L8A 01-DFHMD				
706000285 0001		1992+	DC	AL2(1)	length of field
@L8A 01-DFHMD					

707000287	D9	1993+	DC	C'R'	field
	justification (L or R) @L8A 01-DFHMD				
708000288	F0	1994+	DC	C'0'	field fill char
	(blank or 0) @L8A 01-DFHMD				
709000289	D4E2C7F140404040	1995+	DC	CL32'MSG1'	field name
	@L8A 01-DFHMD				
7100002A9	0004	1996+	DC	AL2(4)	length of field
	name @L8A 01-DFHMD				
7110002AB	0000	1997+	DC	AL2(0)	index within
	OCCURS @L8A 01-DFHMD				
7120002AD	0026	1998+	DC	AL2(38)	offset within
	dsect @L8A 01-DFHMD				
7130002AF	004F	1999+	DC	AL2(79)	length of field
	@L8A 01-DFHMD				
7140002B1	D3	2000+	DC	C'L'	field
	justification (L or R) @L8A 01-DFHMD				
7150002B2	40	2001+	DC	C' '	field fill char
	(blank or 0) @L8A 01-DFHMD				
7160002B3	C4E4D4D4E8F14040	2002+	DC	CL32'DUMMY1'	field name
	@L8A 01-DFHMD				
7170002D3	0006	2003+	DC	AL2(6)	length of field
	name @L8A 01-DFHMD				
7180002D5	0000	2004+	DC	AL2(0)	index within
	OCCURS @L8A 01-DFHMD				
7190002D7	007A	2005+	DC	AL2(122)	offset within
	dsect @L8A 01-DFHMD				
7200002D9	0001	2006+	DC	AL2(1)	length of field
	@L8A 01-DFHMD				
7210002DB	D3	2007+	DC	C'L'	field
	justification (L or R) @L8A 01-DFHMD				
7220002DC	40	2008+	DC	C' '	field fill char
	(blank or 0) @L8A 01-DFHMD				
723	002DD	2009+DFHR1	EQU	*	END OF MAP
	01-DFHMD				
724	000F8	2010+DFHY1	EQU	DFHR1-DFHXX1	length of
	descriptor @L8A 01-DFHMD				
725	002D1	2011+DFHM1	EQU	DFHR1-DFHL1	MAP LENGTH
	01-DFHMD				
726	2012+*****				
7270002DD		2013+MNT2AAB	DS	0C .	MAP ORIGIN
	@ 01-DFHMD				
728	002DD	2014+DFHL2	EQU	*	START OF MAP
	01-DFHMD				
7290002DD	004F	2015+	DC	AL2(DFHK2)	MAP DESCRIPTOR
	LENGTH 01-DFHMD				
7300002DF	0000	2016+	DC	XL2'0000'	INPUT PARTITION
	NAME @E5E2C @H1C 01-DFHMD				
7310002E1	0000	2017+	DC	XL2'0000'	OUTPUT PARTITION
	NAME @E5E2C @H1C 01-DFHMD				
7320002E3	0000	2018+	DC	XL2'0000'	ACTIVE PARTITION
	NAME @E5E2C @H1C 01-DFHMD				
7330002E5	D4D5E3F2C1C1C240	2019+	DC	CL8'MNT2AAB' .	MAP NAME
	@ 01-DFHMD				

734

Page 11

735 Active Usings: None

736	Loc	Object Code	Addr1	Addr2	Stmt	Source	Statement	
	HLASM R6.0	2021/02/28	16.29					
737	0002ED	042F			2020+	DC	AL2(DFHM2)	MAP LENGTH
	01-DFHMD							
738	0002EF	010E			2021+	DC	AL2(DFHS2)	MAP SPECIFICATION
	LENGTH		01-DFHMD					
739	0002F1	0157			2022+	DC	AL2(DFHN2)	INPUT WORK AREA
	LENGTH		01-DFHMD					
740	0002F3	0323			2023+	DC	AL2(DFHP2)	OUTPUT WORK AREA
	LENGTH		01-DFHMD					
741	0002F5	C0			2024+	DC	AL1(192)	MAP
	DESCRIPTOR FLAG BYTE		@ 01-DFHMD					
742	0002F6	C2			2025+	DC	CL1'B'	3270 WRITE CONTROL
	CHARACTER		@ 01-DFHMD					
743	0002F7	0000			2026+	DC	AL2(DFHQ2)	3270 CURSOR
	POSITION		01-DFHMD					
744	0002F9	00			2027+	DC	AL1(0)	MAP MARGIN
	@ 01-DFHMD							
745	0002FA	18			2028+	DC	AL1(24)	MAP LENGTH -
	NUMBER OF LINES		@ 01-DFHMD					
746	0002FB	50			2029+	DC	AL1(80)	MAP WIDTH - NUMBER
	OF COLUMNS		@ 01-DFHMD					
747	0002FC	01			2030+	DC	AL1(1)	MAP STARTING LINE
	NUMBER		@ 01-DFHMD					
748	0002FD	01			2031+	DC	AL1(1)	MAP STARTING
	COLUMN NUMBER		@ 01-DFHMD					
749	0002FE	10			2032+	DC	AL1(DFHT2)	MAP INDICATOR
	01-DFHMD							
750	0002FF	00			2033+	DC	AL1(0)	TYPE REQUEST BYTE
	TWO		@ 01-DFHMD					
751	000300	00			2034+	DC	AL1(0)	TYPE REQUEST BYTE
	THREE		@ 01-DFHMD					
752	000301		00301	002FF	2035+	ORG	*-2	Overlay byte 2 and
	3	@0DA	01-DFHMD					
753	0002FF	0000			2036+	DC	AL2(DFHZ2)	Count of useredit
	fields		@0DA 01-DFHMD					
754	000301	00			2037+	DC	AL1(0)	TYPE REQUEST BYTE
	FOUR		@ 01-DFHMD					
755	000302	00			2038+	DC	AL1(0)	TYPE REQUEST BYTE
	FIVE		@ 01-DFHMD					
756	000303	023B			2039+	DC	AL2(DFHX2)	offset of
	descriptor		@L8C 01-DFHMD					
757	000305	00			2040+	DC	AL1(0)	REQUEST WRITE
	CONTROL CHARACTER		@ 01-DFHMD					
758	000306	0C			2041+	DC	AL1(12)	MAX NO OF ATTRS
	@L3A 01-DFHMD							
759	000307	00000000			2042+	DC	AL4(0)	MAP CHAIN POINTER
	@L3A 01-DFHMD							
760	00030B	0002			2043+	DC	AL2(2)	NO. OF ATTRS IN
	MAP FIELDS		@L3A 01-DFHMD					
761	00030D	0002			2044+	DC	AL2(2)	NO. OF ATTRS IN
	DSECT FIELDS		@L3A 01-DFHMD					
762	00030F	01000200			2045+	DC	AL1(1,0,2,0)	
	@L3A 01-DFHMD							
763	000313	00000000			2046+	DC	AL1(0,0,0,0)	
	@L3A 01-DFHMD							
764	000317	00000000			2047+	DC	AL1(0,0,0,0)	

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@L3A 01-DFHMD
76500031B 01000200      2048+      DC      AL1(1,0,2,0)
@L3A 01-DFHMD
76600031F 00000000      2049+      DC      AL1(0,0,0,0)
@L3A 01-DFHMD
767000323 00000000      2050+      DC      AL1(0,0,0,0)
@L3A 01-DFHMD
768000327 00      2051+      DC      AL1(0)      FIELD SEPARATOR
LENGTH      @L3A 01-DFHMD
769000328 40404040      2052+      DC      CL4 ' '      FIELD
SEPARATOR VALUE      @L3C 01-DFHMD
770      0004F      2053+DFHK2      EQU *-DFHL2      LENGTH OF MAP
HEADER      01-DFHMD
771
2054+*****
772
773      2056
*****
774      2057      DFHMDF POS=(1,1),
X
775      LENGTH=7,
X
776      ATTRB=(NORM,PROT),
X
777      COLOR=BLUE,
X
778      INITIAL='MNTMAAB'
779
2152+*****
78000032C      2153+      DS      0C      FIELD NAME
@ 01-DFHMD
78100032C 0000      2154+      DC      AL2(0)      FIELD PAGE
POSITION      @ 01-DFHMD
78200032E 0007      2155+      DC      AL2(7)      FIELD LENGTH
@ 01-DFHMD
783000330 02      2156+      DC      AL1(2)      FIELD DESCRIPTOR
FLAG BYTE      @ 01-DFHMD
784000331 60      2157+      DC      CL1 '- '      FIELD ATTRIBUTE
@ 01-DFHMD
785000332 0000      2158+      DC      AL2(0)      FIELD
POSITION      @ 01-DFHMD
786000334 F1      2159+      DC      X'F1'      COLOUR ATTRIBUTE
@L3C 01-DFHMD
787000335 00      2160+      DC      X'00'      HIGHLIGHTING
ATTRIBUTE      @L3C 01-DFHMD
788000336 D4D5E3D4C1C1C2      2161+      DC      CL7 'MNTMAAB'      DEFAULT MAP DATA
@ 01-DFHMD
789
2162+*****
790

```

Page 12

791 Active Usings: None

792 Loc Object Code Addr1 Addr2 Stmt Source Statement

HLASM R6.0 2021/02/28 16.29

793 2164 DFHMDF POS=(1,20),

X

794 LENGTH=20,


```

X
795                                     ATTRB=(NORM,PROT),
X
796                                     COLOR=GREEN,
X
797                                     INITIAL='Customer Maintenance'
798
2259+*****
79900033D                                2260+      DS      0C                                FIELD NAME
    @ 01-DFHMD
80000033D 0000                                2261+      DC      AL2(0)                                FIELD PAGE
    POSITION                                @ 01-DFHMD
80100033F 0014                                2262+      DC      AL2(20)                                FIELD LENGTH
    @ 01-DFHMD
802000341 02                                2263+      DC      AL1(2)                                FIELD DESCRIPTOR
    FLAG BYTE                                @ 01-DFHMD
803000342 60                                2264+      DC      CL1'-'                                FIELD ATTRIBUTE
    @ 01-DFHMD
804000343 0013                                2265+      DC      AL2(19)                                FIELD
    POSITION                                @ 01-DFHMD
805000345 F4                                2266+      DC      X'F4'                                COLOUR ATTRIBUTE
    @L3C 01-DFHMD
806000346 00                                2267+      DC      X'00'                                HIGHLIGHTING
    ATTRIBUTE                                @L3C 01-DFHMD
807000347 C3A4A2A396948599                2268+      DC      CL20'Customer Maintenance'
    X01-DFHMD
80800034F 40D4818995A38595                +                                DEFAULT MAP DATA
    @
809
2269+*****
810
811                                2271 TRANID2  DFHMDF POS=(1,76),
X
812                                LENGTH=4,
X
813                                ATTRB=(NORM,PROT),
X
814                                COLOR=BLUE,
X
815                                INITIAL='XXXX'
816
2366+*****
81700035B                                2367+TRANID2  DS      0C                                FIELD NAME
    @08A 01-DFHMD
81800035B 0000                                2368+      DC      AL2(0)                                FIELD PAGE
    POSITION                                @ 01-DFHMD
81900035D 0004                                2369+      DC      AL2(4)                                FIELD LENGTH
    @ 01-DFHMD
82000035F 03                                2370+      DC      AL1(3)                                FIELD DESCRIPTOR
    FLAG BYTE                                @ 01-DFHMD
821000360 60                                2371+      DC      CL1'-'                                FIELD ATTRIBUTE
    @ 01-DFHMD
822000361 004B                                2372+      DC      AL2(75)                                FIELD
    POSITION                                @ 01-DFHMD
823000363 F1                                2373+      DC      X'F1'                                COLOUR ATTRIBUTE
    @L3C 01-DFHMD
824000364 00                                2374+      DC      X'00'                                HIGHLIGHTING

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      ATTRIBUTE      @L3C 01-DFHMD
825 000365 E7E7E7E7      2375+      DC      CL4 'XXXX'      DEFAULT MAP DATA
      @ 01-DFHMD
826
      2376+*****
827
828      2378
      *****
829      2379 INSTR2      DFHMDF POS=(3,1),
      X
830      LENGTH=79,
      X
831      ATTRB=(NORM,PROT),
      X
832      COLOR=WHITE
833 ** ASMA254I *** MNOTE ***      2474+      4, COLOR PARAMETER IS INVALID - DEFAULT TO
      'DEFAULT'      02-DFHPR
834
      2475+*****
835 000369      2476+INSTR2      DS      0C      FIELD NAME
      @08A 01-DFHMD
836 000369 0000      2477+      DC      AL2(0)      FIELD PAGE
      POSITION      @ 01-DFHMD
837 00036B 004F      2478+      DC      AL2(79)      FIELD LENGTH
      @ 01-DFHMD
838 00036D 01      2479+      DC      AL1(1)      FIELD DESCRIPTOR
      FLAG BYTE      @ 01-DFHMD
839 00036E 60      2480+      DC      CL1 '-'      FIELD ATTRIBUTE
      @ 01-DFHMD
840 00036F 00A0      2481+      DC      AL2(160)      FIELD
      POSITION      @ 01-DFHMD
841 000371 00      2482+      DC      X'00'      COLOUR ATTRIBUTE
      @L3C 01-DFHMD
842 000372 00      2483+      DC      X'00'      HIGHLIGHTING
      ATTRIBUTE      @L3C 01-DFHMD
843
      2484+*****
844
      Page 13
845 Active Usings: None
846 Loc Object Code Addr1 Addr2 Stmt Source Statement
      HLASM R6.0 2021/02/28 16.29
847      2486      DFHMDF POS=(5,1),
      X
848      LENGTH=24,
      X
849      ATTRB=(NORM,PROT),
      X
850      COLOR=GREEN,
      X
851      INITIAL='Customer number. . . . :'
852
      2581+*****
853 000373      2582+      DS      0C      FIELD NAME
      @ 01-DFHMD
854 000373 0000      2583+      DC      AL2(0)      FIELD PAGE
      POSITION      @ 01-DFHMD

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MNTSBAAB:JOB08536.spool

855000375 0018	2584+	DC	AL2(24)	FIELD LENGTH
@ 01-DFHMD				
856000377 02	2585+	DC	AL1(2)	FIELD DESCRIPTOR
FLAG BYTE @ 01-DFHMD				
857000378 60	2586+	DC	CL1'- '	FIELD ATTRIBUTE
@ 01-DFHMD				
858000379 0140	2587+	DC	AL2(320)	FIELD
POSITION @ 01-DFHMD				
85900037B F4	2588+	DC	X'F4'	COLOUR ATTRIBUTE
@L3C 01-DFHMD				
86000037C 00	2589+	DC	X'00'	HIGHLIGHTING
ATTRIBUTE @L3C 01-DFHMD				
86100037D C3A4A2A396948599	2590+	DC	CL24'Customer number. . . . :'	
X01-DFHMD				
862000385 4095A4948285994B	+			DEFAULT MAP DATA
@				
863				
2591+*****				
864				
865	2593 CUSTN02	DFHMD	POS=(5,26),	
X				
866			LENGTH=6,	
X				
867			ATTRB=(NORM,PROT,FSET),	
X				
868			COLOR=TURQUOISE	
869				
2688+*****				
870000395	2689+CUSTN02	DS	0C	FIELD NAME
@08A 01-DFHMD				
871000395 0000	2690+	DC	AL2(0)	FIELD PAGE
POSITION @ 01-DFHMD				
872000397 0006	2691+	DC	AL2(6)	FIELD LENGTH
@ 01-DFHMD				
873000399 01	2692+	DC	AL1(1)	FIELD DESCRIPTOR
FLAG BYTE @ 01-DFHMD				
87400039A 61	2693+	DC	CL1'/'	FIELD ATTRIBUTE
@ 01-DFHMD				
87500039B 0159	2694+	DC	AL2(345)	FIELD
POSITION @ 01-DFHMD				
87600039D F5	2695+	DC	X'F5'	COLOUR ATTRIBUTE
@L3C 01-DFHMD				
87700039E 00	2696+	DC	X'00'	HIGHLIGHTING
ATTRIBUTE @L3C 01-DFHMD				
878				
2697+*****				
879				
880	2699			

881	2700	DFHMD	POS=(7,1),	
X				
882			LENGTH=24,	
X				
883			ATTRB=(NORM,PROT),	
X				
884			COLOR=GREEN,	
X				

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885                                     INITIAL='Last name. . . . . '
886
2795+*****
887 00039F                                2796+      DS      0C              FIELD NAME
      @ 01-DFHMD
888 00039F 0000                          2797+      DC      AL2(0)          FIELD PAGE
      POSITION                                @ 01-DFHMD
889 0003A1 0018                          2798+      DC      AL2(24)        FIELD LENGTH
      @ 01-DFHMD
890 0003A3 02                            2799+      DC      AL1(2)          FIELD DESCRIPTOR
      FLAG BYTE                            @ 01-DFHMD
891 0003A4 60                            2800+      DC      CL1 '-'          FIELD ATTRIBUTE
      @ 01-DFHMD
892 0003A5 01E0                          2801+      DC      AL2(480)        FIELD
      POSITION                                @ 01-DFHMD
893 0003A7 F4                            2802+      DC      X'F4'          COLOUR ATTRIBUTE
      @L3C 01-DFHMD
894 0003A8 00                            2803+      DC      X'00'          HIGHLIGHTING
      ATTRIBUTE                            @L3C 01-DFHMD
895 0003A9 D381A2A340958194              2804+      DC      CL24'Last name. . . . . '
      X01-DFHMD
896 0003B1 854B404B404B404B              +              DEFAULT MAP DATA
      @
897
2805+*****
898
Page 14
899 Active Usings: None
900 Loc Object Code Addr1 Addr2 Stmt Source Statement
HLASM R6.0 2021/02/28 16.29
901                                2807 LNAME DFHMD POS=(7,26),
X
902                                LENGTH=30,
X
903                                ATTRB=(NORM,UNPROT,FSET),
X
904                                COLOR=TURQUOISE
905
2902+*****
906 0003C1                                2903+LNAME DS 0C FIELD NAME
      @08A 01-DFHMD
907 0003C1 0000                          2904+      DC AL2(0) FIELD PAGE
      POSITION                                @ 01-DFHMD
908 0003C3 001E                          2905+      DC AL2(30) FIELD LENGTH
      @ 01-DFHMD
909 0003C5 01                            2906+      DC AL1(1) FIELD DESCRIPTOR
      FLAG BYTE                            @ 01-DFHMD
910 0003C6 C1                            2907+      DC CL1 'A' FIELD ATTRIBUTE
      @ 01-DFHMD
911 0003C7 01F9                          2908+      DC AL2(505) FIELD
      POSITION                                @ 01-DFHMD
912 0003C9 F5                            2909+      DC X'F5' COLOUR ATTRIBUTE
      @L3C 01-DFHMD
913 0003CA 00                            2910+      DC X'00' HIGHLIGHTING
      ATTRIBUTE                            @L3C 01-DFHMD
914
2911+*****

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915
916                2913                DFHMDF POS=(7,57),
          X
917                                LENGTH=1,
          X
918                                ATTRB=ASKIP
919
          3007+*****
9200003CB                3008+                DS      0C                FIELD NAME
          @ 01-DFHMD
9210003CB 0000                3009+                DC      AL2(0)                FIELD PAGE
          POSITION                @ 01-DFHMD
9220003CD 0001                3010+                DC      AL2(1)                FIELD LENGTH
          @ 01-DFHMD
9230003CF 00                3011+                DC      AL1(0)                FIELD DESCRIPTOR
          FLAG BYTE                @ 01-DFHMD
9240003D0 F0                3012+                DC      CL1'0'                FIELD ATTRIBUTE
          @ 01-DFHMD
9250003D1 0218                3013+                DC      AL2(536)                FIELD
          POSITION                @ 01-DFHMD
9260003D3 00                3014+                DC      X'00'                COLOUR ATTRIBUTE
          @L3C 01-DFHMD
9270003D4 00                3015+                DC      X'00'                HIGHLIGHTING
          ATTRIBUTE                @L3C 01-DFHMD
928
          3016+*****
929
930                3018
          *****
931                3019                DFHMDF POS=(8,1),
          X
932                                LENGTH=24,
          X
933                                ATTRB=(NORM,PROT),
          X
934                                COLOR=GREEN,
          X
935                                INITIAL='First name . . . . .',
936
          3114+*****
9370003D5                3115+                DS      0C                FIELD NAME
          @ 01-DFHMD
9380003D5 0000                3116+                DC      AL2(0)                FIELD PAGE
          POSITION                @ 01-DFHMD
9390003D7 0018                3117+                DC      AL2(24)                FIELD LENGTH
          @ 01-DFHMD
9400003D9 02                3118+                DC      AL1(2)                FIELD DESCRIPTOR
          FLAG BYTE                @ 01-DFHMD
9410003DA 60                3119+                DC      CL1'-'                FIELD ATTRIBUTE
          @ 01-DFHMD
9420003DB 0230                3120+                DC      AL2(560)                FIELD
          POSITION                @ 01-DFHMD
9430003DD F4                3121+                DC      X'F4'                COLOUR ATTRIBUTE
          @L3C 01-DFHMD
9440003DE 00                3122+                DC      X'00'                HIGHLIGHTING
          ATTRIBUTE                @L3C 01-DFHMD
9450003DF C68999A2A3409581                3123+                DC      CL24'First name . . . . .',

```

```

X01-DFHMD
946 0003E7 9485404B404B404B          +          DEFAULT MAP DATA
@
947
3124+*****
948
949          3126 FNAME      DFHMDF POS=(8,26),
X
950
Page 15
951 Active Usings: None
952 Loc Object Code Addr1 Addr2 Stmt Source Statement
HLASM R6.0 2021/02/28 16.29
953          LENGTH=20,
X
954          ATTRB=(NORM,UNPROT,FSET),
X
955          COLOR=TURQUOISE
956
3221+*****
957 0003F7          3222+FNAME      DS      0C          FIELD NAME
@08A 01-DFHMD
958 0003F7 0000          3223+      DC      AL2(0)          FIELD PAGE
POSITION          @ 01-DFHMD
959 0003F9 0014          3224+      DC      AL2(20)          FIELD LENGTH
@ 01-DFHMD
960 0003FB 01          3225+      DC      AL1(1)          FIELD DESCRIPTOR
FLAG BYTE          @ 01-DFHMD
961 0003FC C1          3226+      DC      CL1'A'          FIELD ATTRIBUTE
@ 01-DFHMD
962 0003FD 0249          3227+      DC      AL2(585)          FIELD
POSITION          @ 01-DFHMD
963 0003FF F5          3228+      DC      X'F5'          COLOUR ATTRIBUTE
@L3C 01-DFHMD
964 000400 00          3229+      DC      X'00'          HIGHLIGHTING
ATTRIBUTE          @L3C 01-DFHMD
965
3230+*****
966
967          3232          DFHMDF POS=(8,47),
X
968          LENGTH=1,
X
969          ATTRB=ASKIP
970
3326+*****
971 000401          3327+      DS      0C          FIELD NAME
@ 01-DFHMD
972 000401 0000          3328+      DC      AL2(0)          FIELD PAGE
POSITION          @ 01-DFHMD
973 000403 0001          3329+      DC      AL2(1)          FIELD LENGTH
@ 01-DFHMD
974 000405 00          3330+      DC      AL1(0)          FIELD DESCRIPTOR
FLAG BYTE          @ 01-DFHMD
975 000406 F0          3331+      DC      CL1'0'          FIELD ATTRIBUTE
@ 01-DFHMD
976 000407 025E          3332+      DC      AL2(606)          FIELD

```

```

      POSITION          @ 01-DFHMD
977000409 00          3333+          DC    X'00'          COLOUR ATTRIBUTE
      @L3C 01-DFHMD
97800040A 00          3334+          DC    X'00'          HIGHLIGHTING
      ATTRIBUTE      @L3C 01-DFHMD
979
      3335+*****
980
981          3337
      *****
982          3338          DFHMDF POS=(9,1),
      X
983          LENGTH=24,
      X
984          ATTRB=(NORM,PROT),
      X
985          COLOR=GREEN,
      X
986          INITIAL='Address. . . . . '
987
      3433+*****
98800040B          3434+          DS    0C          FIELD NAME
      @ 01-DFHMD
98900040B 0000          3435+          DC    AL2(0)          FIELD PAGE
      POSITION          @ 01-DFHMD
99000040D 0018          3436+          DC    AL2(24)          FIELD LENGTH
      @ 01-DFHMD
99100040F 02          3437+          DC    AL1(2)          FIELD DESCRIPTOR
      FLAG BYTE      @ 01-DFHMD
992000410 60          3438+          DC    CL1'-'          FIELD ATTRIBUTE
      @ 01-DFHMD
993000411 0280          3439+          DC    AL2(640)          .          FIELD
      POSITION          @ 01-DFHMD
994000413 F4          3440+          DC    X'F4'          COLOUR ATTRIBUTE
      @L3C 01-DFHMD
995000414 00          3441+          DC    X'00'          HIGHLIGHTING
      ATTRIBUTE      @L3C 01-DFHMD
996000415 C184849985A2A24B          3442+          DC    CL24'Address. . . . . '
      X01-DFHMD
99700041D 404B404B404B404B          +          DEFAULT MAP DATA
      @
998
      3443+*****
999
1000          3445 ADDR          DFHMDF POS=(9,26),
      X
1001          LENGTH=30,
      X
1002
      Page    16
1003 Active Usings: None
1004 Loc  Object Code  Addr1 Addr2  Stmt  Source Statement
      HLASM R6.0  2021/02/28 16.29
1005          ATTRB=(NORM,UNPROT,FSET),
      X
1006          COLOR=TURQUOISE
1007

```



```

3540+*****
100800042D                3541+ADDR      DS      0C                FIELD NAME
    @08A 01-DFHMD
100900042D 0000                3542+      DC      AL2(0)            FIELD PAGE
    POSITION                @ 01-DFHMD
101000042F 001E                3543+      DC      AL2(30)           FIELD LENGTH
    @ 01-DFHMD
1011000431 01                3544+      DC      AL1(1)            FIELD DESCRIPTOR
    FLAG BYTE              @ 01-DFHMD
1012000432 C1                3545+      DC      CL1 'A'            FIELD ATTRIBUTE
    @ 01-DFHMD
1013000433 0299                3546+      DC      AL2(665)          FIELD
    POSITION                @ 01-DFHMD
1014000435 F5                3547+      DC      X 'F5'            COLOUR ATTRIBUTE
    @L3C 01-DFHMD
1015000436 00                3548+      DC      X '00'            HIGHLIGHTING
    ATTRIBUTE              @L3C 01-DFHMD
1016
3549+*****
1017
1018                3551      DFHMDF POS=(9,57),
    X
1019                LENGTH=1,
    X
1020                ATTRB=ASKIP
1021
3645+*****
1022000437                3646+      DS      0C                FIELD NAME
    @ 01-DFHMD
1023000437 0000                3647+      DC      AL2(0)            FIELD PAGE
    POSITION                @ 01-DFHMD
1024000439 0001                3648+      DC      AL2(1)            FIELD LENGTH
    @ 01-DFHMD
102500043B 00                3649+      DC      AL1(0)            FIELD DESCRIPTOR
    FLAG BYTE              @ 01-DFHMD
102600043C F0                3650+      DC      CL1 '0'            FIELD ATTRIBUTE
    @ 01-DFHMD
102700043D 02B8                3651+      DC      AL2(696)          FIELD
    POSITION                @ 01-DFHMD
102800043F 00                3652+      DC      X '00'            COLOUR ATTRIBUTE
    @L3C 01-DFHMD
1029000440 00                3653+      DC      X '00'            HIGHLIGHTING
    ATTRIBUTE              @L3C 01-DFHMD
1030
3654+*****
1031
1032                3656
*****
1033                3657      DFHMDF POS=(10,1),
    X
1034                LENGTH=24,
    X
1035                ATTRB=(NORM,PROT),
    X
1036                COLOR=GREEN,
    X
1037                INITIAL='City . . . . . '

```

1038

```

3752+*****
1039000441          3753+      DS      0C          FIELD NAME
      @ 01-DFHMD
1040000441 0000          3754+      DC      AL2(0)          FIELD PAGE
      POSITION          @ 01-DFHMD
1041000443 0018          3755+      DC      AL2(24)          FIELD LENGTH
      @ 01-DFHMD
1042000445 02          3756+      DC      AL1(2)          FIELD DESCRIPTOR
      FLAG BYTE      @ 01-DFHMD
1043000446 60          3757+      DC      CL1'-'          FIELD ATTRIBUTE
      @ 01-DFHMD
1044000447 02D0          3758+      DC      AL2(720)          FIELD
      POSITION          @ 01-DFHMD
1045000449 F4          3759+      DC      X'F4'          COLOUR ATTRIBUTE
      @L3C 01-DFHMD
104600044A 00          3760+      DC      X'00'          HIGHLIGHTING
      ATTRIBUTE      @L3C 01-DFHMD
104700044B C389A3A8404B404B 3761+      DC      CL24'City . . . . . '
      X01-DFHMD
1048000453 404B404B404B404B +          DEFAULT MAP DATA
      @

```

1049

```

3762+*****
1050
1051          3764 CITY      DFHMDF POS=(10,26),
      X
1052          LENGTH=20,
      X
1053          ATTRB=(NORM,UNPROT,FSET),
      X

```

1054

Page 17

1055 Active Usings: None

1056 Loc Object Code Addr1 Addr2 Stmt Source Statement

HLASM R6.0 2021/02/28 16.29

1057

COLOR=TURQUOISE

1058

```

3859+*****
1059000463          3860+CITY      DS      0C          FIELD NAME
      @08A 01-DFHMD
1060000463 0000          3861+      DC      AL2(0)          FIELD PAGE
      POSITION          @ 01-DFHMD
1061000465 0014          3862+      DC      AL2(20)          FIELD LENGTH
      @ 01-DFHMD
1062000467 01          3863+      DC      AL1(1)          FIELD DESCRIPTOR
      FLAG BYTE      @ 01-DFHMD
1063000468 C1          3864+      DC      CL1'A'          FIELD ATTRIBUTE
      @ 01-DFHMD
1064000469 02E9          3865+      DC      AL2(745)          FIELD
      POSITION          @ 01-DFHMD
106500046B F5          3866+      DC      X'F5'          COLOUR ATTRIBUTE
      @L3C 01-DFHMD
106600046C 00          3867+      DC      X'00'          HIGHLIGHTING
      ATTRIBUTE      @L3C 01-DFHMD

```

1067

3868+*****

```

1068
1069                                3870                DFHMDF POS=(10,47),
      X
1070                                LENGTH=1,
      X
1071                                ATTRB=ASKIP
1072
      3964+*****
107300046D                                3965+                DS      0C                FIELD NAME
      @ 01-DFHMD
107400046D 0000                                3966+                DC      AL2(0)                FIELD PAGE
      POSITION                                @ 01-DFHMD
107500046F 0001                                3967+                DC      AL2(1)                FIELD LENGTH
      @ 01-DFHMD
1076000471 00                                3968+                DC      AL1(0)                FIELD DESCRIPTOR
      FLAG BYTE                                @ 01-DFHMD
1077000472 F0                                3969+                DC      CL1'0'                FIELD ATTRIBUTE
      @ 01-DFHMD
1078000473 02FE                                3970+                DC      AL2(766)                FIELD
      POSITION                                @ 01-DFHMD
1079000475 00                                3971+                DC      X'00'                COLOUR ATTRIBUTE
      @L3C 01-DFHMD
1080000476 00                                3972+                DC      X'00'                HIGHLIGHTING
      ATTRIBUTE                                @L3C 01-DFHMD
1081
      3973+*****
1082
1083                                3975
      *****
1084                                3976                DFHMDF POS=(11,1),
      X
1085                                LENGTH=24,
      X
1086                                ATTRB=(NORM,PROT),
      X
1087                                COLOR=GREEN,
      X
1088                                INITIAL='State. . . . . '
1089
      4071+*****
1090000477                                4072+                DS      0C                FIELD NAME
      @ 01-DFHMD
1091000477 0000                                4073+                DC      AL2(0)                FIELD PAGE
      POSITION                                @ 01-DFHMD
1092000479 0018                                4074+                DC      AL2(24)                FIELD LENGTH
      @ 01-DFHMD
109300047B 02                                4075+                DC      AL1(2)                FIELD DESCRIPTOR
      FLAG BYTE                                @ 01-DFHMD
109400047C 60                                4076+                DC      CL1'-'                FIELD ATTRIBUTE
      @ 01-DFHMD
109500047D 0320                                4077+                DC      AL2(800)                FIELD
      POSITION                                @ 01-DFHMD
109600047F F4                                4078+                DC      X'F4'                COLOUR ATTRIBUTE
      @L3C 01-DFHMD
1097000480 00                                4079+                DC      X'00'                HIGHLIGHTING
      ATTRIBUTE                                @L3C 01-DFHMD
1098000481 E2A381A3854B404B                                4080+                DC      CL24'State. . . . . '

```

```

X01-DFHMD
1099 000489 404B404B404B404B          +          DEFAULT MAP DATA
@
1100
4081+*****
1101
1102          4083 STATE      DFHMDF POS=(11,26),
X
1103          LENGTH=2,
X
1104          ATTRB=(NORM,UNPROT,FSET),
X
1105          COLOR=TURQUOISE
1106
Page 18
1107 Active Usings: None
1108 Loc Object Code Addr1 Addr2 Stmt Source Statement
HLASM R6.0 2021/02/28 16.29
1109
4178+*****
1110 000499          4179+STATE      DS      0C          FIELD NAME
@08A 01-DFHMD
1111 000499 0000          4180+      DC      AL2(0)          FIELD PAGE
POSITION          @ 01-DFHMD
1112 00049B 0002          4181+      DC      AL2(2)          FIELD LENGTH
@ 01-DFHMD
1113 00049D 01          4182+      DC      AL1(1)          FIELD DESCRIPTOR
FLAG BYTE          @ 01-DFHMD
1114 00049E C1          4183+      DC      CL1 'A'          FIELD ATTRIBUTE
@ 01-DFHMD
1115 00049F 0339          4184+      DC      AL2(825)          .          FIELD
POSITION          @ 01-DFHMD
1116 0004A1 F5          4185+      DC      X 'F5'          COLOUR ATTRIBUTE
@L3C 01-DFHMD
1117 0004A2 00          4186+      DC      X '00'          HIGHLIGHTING
ATTRIBUTE          @L3C 01-DFHMD
1118
4187+*****
1119
1120          4189          DFHMDF POS=(11,29),
X
1121          LENGTH=1,
X
1122          ATTRB=ASKIP
1123
4283+*****
1124 0004A3          4284+      DS      0C          FIELD NAME
@ 01-DFHMD
1125 0004A3 0000          4285+      DC      AL2(0)          FIELD PAGE
POSITION          @ 01-DFHMD
1126 0004A5 0001          4286+      DC      AL2(1)          FIELD LENGTH
@ 01-DFHMD
1127 0004A7 00          4287+      DC      AL1(0)          FIELD DESCRIPTOR
FLAG BYTE          @ 01-DFHMD
1128 0004A8 F0          4288+      DC      CL1 '0'          FIELD ATTRIBUTE
@ 01-DFHMD
1129 0004A9 033C          4289+      DC      AL2(828)          .          FIELD

```

```

      POSITION          @ 01-DFHMD
11300004AB 00          4290+          DC    X'00'          COLOUR ATTRIBUTE
      @L3C 01-DFHMD
11310004AC 00          4291+          DC    X'00'          HIGHLIGHTING
      ATTRIBUTE          @L3C 01-DFHMD
1132
      4292+*****
1133
1134          4294
      *****
1135          4295          DFHMDF POS=(12,1),
      X
1136          LENGTH=24,
      X
1137          ATTRB=(NORM,PROT),
      X
1138          COLOR=GREEN,
      X
1139          INITIAL='Zip Code . . . . . '
1140
      4390+*****
11410004AD          4391+          DS    0C          FIELD NAME
      @ 01-DFHMD
11420004AD 0000          4392+          DC    AL2(0)          FIELD PAGE
      POSITION          @ 01-DFHMD
11430004AF 0018          4393+          DC    AL2(24)          FIELD LENGTH
      @ 01-DFHMD
11440004B1 02          4394+          DC    AL1(2)          FIELD DESCRIPTOR
      FLAG BYTE          @ 01-DFHMD
11450004B2 60          4395+          DC    CL1'-'          FIELD ATTRIBUTE
      @ 01-DFHMD
11460004B3 0370          4396+          DC    AL2(880)          FIELD
      POSITION          @ 01-DFHMD
11470004B5 F4          4397+          DC    X'F4'          COLOUR ATTRIBUTE
      @L3C 01-DFHMD
11480004B6 00          4398+          DC    X'00'          HIGHLIGHTING
      ATTRIBUTE          @L3C 01-DFHMD
11490004B7 E9899740C3968485          4399+          DC    CL24'Zip Code . . . . . '
      X01-DFHMD
11500004BF 404B404B404B404B          +          DEFAULT MAP DATA
      @
1151
      4400+*****
1152
1153          4402 ZIPCODE DFHMDF POS=(12,26),
      X
1154          LENGTH=10,
      X
1155          ATTRB=(NORM,UNPROT,FSET),
      X
1156          COLOR=TURQUOISE
1157
      4497+*****
1158
      Page    19
1159 Active Usings: None
1160 Loc  Object Code  Addr1 Addr2  Stmt  Source Statement

```

```

HLASM R6.0 2021/02/28 16.29
11610004CF 4498+ZIPCODE DS 0C FIELD NAME
    @08A 01-DFHMD
11620004CF 0000 4499+ DC AL2(0) FIELD PAGE
    POSITION @ 01-DFHMD
11630004D1 000A 4500+ DC AL2(10) FIELD LENGTH
    @ 01-DFHMD
11640004D3 01 4501+ DC AL1(1) FIELD DESCRIPTOR
    FLAG BYTE @ 01-DFHMD
11650004D4 C1 4502+ DC CL1'A' FIELD ATTRIBUTE
    @ 01-DFHMD
11660004D5 0389 4503+ DC AL2(905) . FIELD
    POSITION @ 01-DFHMD
11670004D7 F5 4504+ DC X'F5' COLOUR ATTRIBUTE
    @L3C 01-DFHMD
11680004D8 00 4505+ DC X'00' HIGHLIGHTING
    ATTRIBUTE @L3C 01-DFHMD
1169
4506+*****
1170
1171 4508 DFHMDF POS=(12,37),
X
1172 LENGTH=1,
X
1173 ATTRB=ASKIP
1174
4602+*****
11750004D9 4603+ DS 0C FIELD NAME
    @ 01-DFHMD
11760004D9 0000 4604+ DC AL2(0) FIELD PAGE
    POSITION @ 01-DFHMD
11770004DB 0001 4605+ DC AL2(1) FIELD LENGTH
    @ 01-DFHMD
11780004DD 00 4606+ DC AL1(0) FIELD DESCRIPTOR
    FLAG BYTE @ 01-DFHMD
11790004DE F0 4607+ DC CL1'0' FIELD ATTRIBUTE
    @ 01-DFHMD
11800004DF 0394 4608+ DC AL2(916) . FIELD
    POSITION @ 01-DFHMD
11810004E1 00 4609+ DC X'00' COLOUR ATTRIBUTE
    @L3C 01-DFHMD
11820004E2 00 4610+ DC X'00' HIGHLIGHTING
    ATTRIBUTE @L3C 01-DFHMD
1183
4611+*****
1184
1185 4613
*****
1186 4614 MSG2 DFHMDF POS=(23,1),
X
1187 LENGTH=79,
X
1188 ATTRB=(BRT,PROT),
X
1189 COLOR=YELLOW
1190
4709+*****

```

```

11910004E3          4710+MSG2      DS      0C          FIELD NAME
      @08A 01-DFHMD
11920004E3 0000          4711+      DC      AL2(0)        FIELD PAGE
      POSITION          @ 01-DFHMD
11930004E5 004F          4712+      DC      AL2(79)        FIELD LENGTH
      @ 01-DFHMD
11940004E7 01          4713+      DC      AL1(1)        FIELD DESCRIPTOR
      FLAG BYTE      @ 01-DFHMD
11950004E8 E8          4714+      DC      CL1 'Y'          FIELD ATTRIBUTE
      @ 01-DFHMD
11960004E9 06E0          4715+      DC      AL2(1760)      FIELD
      POSITION          @ 01-DFHMD
11970004EB F6          4716+      DC      X 'F6'          COLOUR ATTRIBUTE
      @L3C 01-DFHMD
11980004EC 00          4717+      DC      X '00'          HIGHLIGHTING
      ATTRIBUTE      @L3C 01-DFHMD
1199
      4718+*****
1200
1201          4720      DFHMDF POS=(24,1),
      X
1202          LENGTH=20,
      X
1203          ATTRB=(NORM,PROT),
      X
1204          COLOR=BLUE,
      X
1205          INITIAL='F3=Exit  F12=Cancel'
1206
      4815+*****
12070004ED          4816+      DS      0C          FIELD NAME
      @ 01-DFHMD
12080004ED 0000          4817+      DC      AL2(0)        FIELD PAGE
      POSITION          @ 01-DFHMD
12090004EF 0014          4818+      DC      AL2(20)        FIELD LENGTH
      @ 01-DFHMD
1210
      Page 20
1211 Active Usings: None
1212 Loc Object Code Addr1 Addr2 Stmt Source Statement
      HLASM R6.0 2021/02/28 16.29
12130004F1 02          4819+      DC      AL1(2)        FIELD DESCRIPTOR
      FLAG BYTE      @ 01-DFHMD
12140004F2 60          4820+      DC      CL1 '-'          FIELD ATTRIBUTE
      @ 01-DFHMD
12150004F3 0730          4821+      DC      AL2(1840)      FIELD
      POSITION          @ 01-DFHMD
12160004F5 F1          4822+      DC      X 'F1'          COLOUR ATTRIBUTE
      @L3C 01-DFHMD
12170004F6 00          4823+      DC      X '00'          HIGHLIGHTING
      ATTRIBUTE      @L3C 01-DFHMD
12180004F7 C6F37EC5A789A340 4824+      DC      CL20 'F3=Exit  F12=Cancel'
      X01-DFHMD
12190004FF 4040C6F1F27EC381 +          DEFAULT MAP DATA
      @
1220
      4825+*****

```



```

1221
1222          4827 DUMMY2   DFHMDF POS=(24,79),
      X
1223          LENGTH=1,
      X
1224          ATTRB=(DRK,PROT,FSET),
      X
1225          INITIAL= ' '
1226
122700050B          4922+DUMMY2   DS      0C          FIELD NAME
      @08A 01-DFHMD
122800050B 0000          4923+          DC      AL2(0)          FIELD PAGE
      POSITION          @ 01-DFHMD
122900050D 0001          4924+          DC      AL2(1)          FIELD LENGTH
      @ 01-DFHMD
123000050F 03          4925+          DC      AL1(3)          FIELD DESCRIPTOR
      FLAG BYTE          @ 01-DFHMD
1231000510 6D          4926+          DC      CL1 ' _ '          FIELD ATTRIBUTE
      @ 01-DFHMD
1232000511 077E          4927+          DC      AL2(1918)          .          FIELD
      POSITION          @ 01-DFHMD
1233000513 00          4928+          DC      X'00'          COLOUR ATTRIBUTE
      @L3C 01-DFHMD
1234000514 00          4929+          DC      X'00'          HIGHLIGHTING
      ATTRIBUTE          @L3C 01-DFHMD
1235000515 40          4930+          DC      CL1 ' '          DEFAULT MAP DATA
      @ 01-DFHMD
1236
1237000516          4931+*****
1238          4933
      *****
1239          4934 MNTSAAB DFHMSD TYPE=FINAL
1240
1241000517          5118+*****
1242          0010E          5119+DFHS2   EQU      270          .          MAP
      SPECIFICATION LENGTH          02-DFHMD
1243          00157          5120+DFHN2   EQU      343          INPUT WORK AREA
      LENGTH          02-DFHMD
1244          00323          5121+DFHP2   EQU      803          OUTPUT WORK AREA
      LENGTH          02-DFHMD
1245          00000          5122+DFHQ2   EQU      0          CURSOR POSITION
      02-DFHMD
1246          00000          5123+DFHZ2   EQU      0          count of useredit
      fields          @0DA 02-DFHMD
1247          00010          5124+DFHT2   EQU      16          .          MAP INDICATOR
      02-DFHMD
1248          00518          5125+          DC      2XL1 'FF'          END OF MAP
      @L8A 02-DFHMD
1249          0023B          5126+DFHXX2   EQU      *          offset of
      descriptor          @L8A 02-DFHMD
1250000518 01F4          5127+DFHX2   EQU      DFHXX2-DFHL2
      @L8A 02-DFHMD
125100051A C1C4E2C4          5128+          DC      AL2(DFHY2)
1252          5129+          DC      C'ADSD'

```

@L8A 02-DFHMD							
125200051E 0002		5130+	DC	AL2(2)		index of map	
within mapset	@L8A 02-DFHMD						
1253000520 000B		5131+	DC	AL2(11)		no of fields in	
ADS	@L8A 02-DFHMD						
1254000522 015C		5132+	DC	AL2(343+5)		length of ADS	
@L8A 02-DFHMD							
1255000524 0002		5133+	DC	AL2(2)		no of attributes	
per field	@L8A 02-DFHMD						
1256000526 C3C840404040		5134+	DC	CL6 'CH '			
@L8C 02-DFHMD							
125700052C 404040404040		5135+	DC	CL6 ' '			
@L8C 02-DFHMD							
1258000532 D3		5136+	DC	CL1 'L '		JUSTIFY LEFT or	
RIGHT	@L8A 02-DFHMD						
1259000533 40		5137+	DC	CL1 ' '		JUSTIFY FIRST,	
LAST or BOTTOM	@L8A 02-DFHMD						
1260000534 0001		5138+	DC	AL2(1)		starting line	
@L8A 02-DFHMD							
1261000536 0001		5139+	DC	AL2(1)		starting column	
@L8A 02-DFHMD							
1262000538 0018		5140+	DC	AL2(24)		no of lines	
@L8A 02-DFHMD							
126300053A 0050		5141+	DC	AL2(80)		no of columns	
@L8A 02-DFHMD							
1264							
Page 21							
1265 Active Usings: None							
1266 Loc Object Code Addr1 Addr2 Stmt Source Statement							
HLASM R6.0 2021/02/28 16.29							
126700053C C2		5142+	DC	CL1 'B '		Write Control	
Character	@L8A 02-DFHMD						
126800053D 00		5143+	DC	BL1 '00 '		align to half-word	
boundary	@L8A 02-DFHMD						
126900053E E3D9C1D5C9C4F240		5144+	DC	CL32 'TRANID2 '		field name	
@L8A 02-DFHMD							
127000055E 0007		5145+	DC	AL2(7)		length of field	
name	@L8A 02-DFHMD						
1271000560 0000		5146+	DC	AL2(0)		index within	
OCCURS	@L8A 02-DFHMD						
1272000562 000C		5147+	DC	AL2(12)		offset within	
dsect	@L8A 02-DFHMD						
1273000564 0004		5148+	DC	AL2(4)		length of field	
@L8A 02-DFHMD							
1274000566 D3		5149+	DC	C 'L '		field	
justification (L or R)	@L8A 02-DFHMD						
1275000567 40		5150+	DC	C ' '		field fill char	
(blank or 0)	@L8A 02-DFHMD						
1276000568 C9D5E2E3D9F24040		5151+	DC	CL32 'INSTR2 '		field name	
@L8A 02-DFHMD							
1277000588 0006		5152+	DC	AL2(6)		length of field	
name	@L8A 02-DFHMD						
127800058A 0000		5153+	DC	AL2(0)		index within	
OCCURS	@L8A 02-DFHMD						
127900058C 0015		5154+	DC	AL2(21)		offset within	
dsect	@L8A 02-DFHMD						
128000058E 004F		5155+	DC	AL2(79)		length of field	

@L8A 02-DFHMD					
1281000590 D3	5156+	DC	C'L'	field	
justification (L or R) @L8A 02-DFHMD					
1282000591 40	5157+	DC	C' '	field fill char	
(blank or 0) @L8A 02-DFHMD					
1283000592 C3E4E2E3D5D6F240	5158+	DC	CL32'CUSTN02'	field name	
@L8A 02-DFHMD					
12840005B2 0007	5159+	DC	AL2(7)	length of field	
name @L8A 02-DFHMD					
12850005B4 0000	5160+	DC	AL2(0)	index within	
OCCURS @L8A 02-DFHMD					
12860005B6 0069	5161+	DC	AL2(105)	offset within	
dsect @L8A 02-DFHMD					
12870005B8 0006	5162+	DC	AL2(6)	length of field	
@L8A 02-DFHMD					
12880005BA D3	5163+	DC	C'L'	field	
justification (L or R) @L8A 02-DFHMD					
12890005BB 40	5164+	DC	C' '	field fill char	
(blank or 0) @L8A 02-DFHMD					
12900005BC D3D5C1D4C5404040	5165+	DC	CL32'LNAM'	field name	
@L8A 02-DFHMD					
12910005DC 0005	5166+	DC	AL2(5)	length of field	
name @L8A 02-DFHMD					
12920005DE 0000	5167+	DC	AL2(0)	index within	
OCCURS @L8A 02-DFHMD					
12930005E0 0074	5168+	DC	AL2(116)	offset within	
dsect @L8A 02-DFHMD					
12940005E2 001E	5169+	DC	AL2(30)	length of field	
@L8A 02-DFHMD					
12950005E4 D3	5170+	DC	C'L'	field	
justification (L or R) @L8A 02-DFHMD					
12960005E5 40	5171+	DC	C' '	field fill char	
(blank or 0) @L8A 02-DFHMD					
12970005E6 C6D5C1D4C5404040	5172+	DC	CL32'FNAM'	field name	
@L8A 02-DFHMD					
1298000606 0005	5173+	DC	AL2(5)	length of field	
name @L8A 02-DFHMD					
1299000608 0000	5174+	DC	AL2(0)	index within	
OCCURS @L8A 02-DFHMD					
130000060A 0097	5175+	DC	AL2(151)	offset within	
dsect @L8A 02-DFHMD					
130100060C 0014	5176+	DC	AL2(20)	length of field	
@L8A 02-DFHMD					
130200060E D3	5177+	DC	C'L'	field	
justification (L or R) @L8A 02-DFHMD					
130300060F 40	5178+	DC	C' '	field fill char	
(blank or 0) @L8A 02-DFHMD					
1304000610 C1C4C4D940404040	5179+	DC	CL32'ADDR'	field name	
@L8A 02-DFHMD					
1305000630 0004	5180+	DC	AL2(4)	length of field	
name @L8A 02-DFHMD					
1306000632 0000	5181+	DC	AL2(0)	index within	
OCCURS @L8A 02-DFHMD					
1307000634 00B0	5182+	DC	AL2(176)	offset within	
dsect @L8A 02-DFHMD					
1308000636 001E	5183+	DC	AL2(30)	length of field	
@L8A 02-DFHMD					

1309000638 D3	5184+	DC	C'L'	field
justification (L or R) @L8A 02-DFHMD				
1310000639 40	5185+	DC	C' '	field fill char
(blank or 0) @L8A 02-DFHMD				
131100063A C3C9E3E840404040	5186+	DC	CL32'CITY'	field name
@L8A 02-DFHMD				
131200065A 0004	5187+	DC	AL2(4)	length of field
name @L8A 02-DFHMD				
131300065C 0000	5188+	DC	AL2(0)	index within
OCCURS @L8A 02-DFHMD				
131400065E 00D3	5189+	DC	AL2(211)	offset within
dsect @L8A 02-DFHMD				
1315000660 0014	5190+	DC	AL2(20)	length of field
@L8A 02-DFHMD				
1316000662 D3	5191+	DC	C'L'	field
justification (L or R) @L8A 02-DFHMD				
1317000663 40	5192+	DC	C' '	field fill char
(blank or 0) @L8A 02-DFHMD				
1318000664 E2E3C1E3C5404040	5193+	DC	CL32'STATE'	field name
@L8A 02-DFHMD				
1319000684 0005	5194+	DC	AL2(5)	length of field
name @L8A 02-DFHMD				
1320000686 0000	5195+	DC	AL2(0)	index within
OCCURS @L8A 02-DFHMD				
1321000688 00EC	5196+	DC	AL2(236)	offset within
dsect @L8A 02-DFHMD				
1322				
Page 22				
1323 Active Usings: None				
1324 Loc Object Code Addr1 Addr2 Stmt Source Statement				
HLASM R6.0 2021/02/28 16.29				
132500068A 0002	5197+	DC	AL2(2)	length of field
@L8A 02-DFHMD				
132600068C D3	5198+	DC	C'L'	field
justification (L or R) @L8A 02-DFHMD				
132700068D 40	5199+	DC	C' '	field fill char
(blank or 0) @L8A 02-DFHMD				
132800068E E9C9D7C3D6C4C540	5200+	DC	CL32'ZIPCODE'	field name
@L8A 02-DFHMD				
13290006AE 0007	5201+	DC	AL2(7)	length of field
name @L8A 02-DFHMD				
13300006B0 0000	5202+	DC	AL2(0)	index within
OCCURS @L8A 02-DFHMD				
13310006B2 00F3	5203+	DC	AL2(243)	offset within
dsect @L8A 02-DFHMD				
13320006B4 000A	5204+	DC	AL2(10)	length of field
@L8A 02-DFHMD				
13330006B6 D3	5205+	DC	C'L'	field
justification (L or R) @L8A 02-DFHMD				
13340006B7 40	5206+	DC	C' '	field fill char
(blank or 0) @L8A 02-DFHMD				
13350006B8 D4E2C7F240404040	5207+	DC	CL32'MSG2'	field name
@L8A 02-DFHMD				
13360006D8 0004	5208+	DC	AL2(4)	length of field
name @L8A 02-DFHMD				
13370006DA 0000	5209+	DC	AL2(0)	index within
OCCURS @L8A 02-DFHMD				

1338	0006DC 0102	5210+	DC	AL2(258)	offset within
	dsect @L8A 02-DFHMD				
1339	0006DE 004F	5211+	DC	AL2(79)	length of field
	@L8A 02-DFHMD				
1340	0006E0 D3	5212+	DC	C'L'	field
	justification (L or R) @L8A 02-DFHMD				
1341	0006E1 40	5213+	DC	C' '	field fill char
	(blank or 0) @L8A 02-DFHMD				
1342	0006E2 C4E4D4D4E8F24040	5214+	DC	CL32'DUMMY2'	field name
	@L8A 02-DFHMD				
1343	000702 0006	5215+	DC	AL2(6)	length of field
	name @L8A 02-DFHMD				
1344	000704 0000	5216+	DC	AL2(0)	index within
	OCCURS @L8A 02-DFHMD				
1345	000706 0156	5217+	DC	AL2(342)	offset within
	dsect @L8A 02-DFHMD				
1346	000708 0001	5218+	DC	AL2(1)	length of field
	@L8A 02-DFHMD				
1347	00070A D3	5219+	DC	C'L'	field
	justification (L or R) @L8A 02-DFHMD				
1348	00070B 40	5220+	DC	C' '	field fill char
	(blank or 0) @L8A 02-DFHMD				
1349	0070C	5221+DFHR2	EQU	*	END OF MAP
	02-DFHMD				
1350	001F4	5222+DFHY2	EQU	DFHR2-DFHXX2	length of
	@L8A 02-DFHMD				
1351	0042F	5223+DFHM2	EQU	DFHR2-DFHL2	MAP LENGTH
	02-DFHMD				
1352	00000	5224+DFHU0	EQU	0	OVERFLOW TRAILER
	LEN. 02-DFHMD				
1353	00070C FFFFFFFF	5225+	DC	4X'FF'	END OF MAPSET
	@BBAD31J 02-DFHMD				
1354	5226+*****				
1355					
1356	5320	END			
1357					

Ordinary Symbol and Literal Cross Reference

Page 23

Symbol	Length	Value	Id	R	Type	Asm	Program	Defn	References
HLASM R6.0 2021/02/28 16.29									
1360	DFHK1	1 0000004F	00000001	A	U			245 207	
1361	DFHK2	1 0000004F	00000001	A	U			2053 2015	
1362	DFHL1	1 0000000C	00000001		U			206 245	1957 2011
1363	DFHL2	1 000002DD	00000001		U			2014 2053	5127 5223
1364	DFHM1	1 000002D1	00000001	A	U			2011 212	
1365	DFHM2	1 0000042F	00000001	A	U			5223 2020	
1366	DFHN1	1 0000007B	00000001	A	U			1950 214	
1367	DFHN2	1 00000157	00000001	A	U			5120 2022	
1368	DFHP1	1 000001EB	00000001	A	U			1951 215	
1369	DFHP2	1 00000323	00000001	A	U			5121 2023	
1370	DFHQ1	1 00000000	00000001	A	U			1952 218	
1371	DFHQ2	1 00000000	00000001	A	U			5122 2026	
1372	DFHR1	1 000002DD	00000001		U			2009 2010	2011
1373	DFHR2	1 0000070C	00000001		U			5221 5222	5223
1374	DFHS1	1 00000096	00000001	A	U			1949 213	
1375	DFHS2	1 0000010E	00000001	A	U			5119 2021	

1376 DFHT1	1	00000010	00000001	A	U	1954	224	
1377 DFHT2	1	00000010	00000001	A	U	5124	2032	
1378 DFHU0	1	00000000	00000001	A	U	5224	106	
1379 DFHXX1	1	000001E5	00000001		U	1956	1957	2010
1380 DFHXX2	1	00000518	00000001		U	5126	5127	5222
1381 DFHX1	1	000001D9	00000001	A	U	1957	231	
1382 DFHX2	1	0000023B	00000001	A	U	5127	2039	
1383 DFHY1	1	000000F8	00000001	A	U	2010	1958	
1384 DFHY2	1	000001F4	00000001	A	U	5222	5128	
1385 DFHZ1	1	00000000	00000001	A	U	1953	228	
1386 DFHZ2	1	00000000	00000001	A	U	5123	2036	
1387 MNTSAABM	1	00000000	00000001		J	101	102	103

1388

1389

Unreferenced Symbols Defined in CSECTs

Page 24

1390 Defn Symbol

HLASM R6.0 2021/02/28 16.29

1391	1201	ACTION
1392	3541	ADDR
1393	3860	CITY
1394	882	CUSTNO1
1395	2689	CUSTNO2
1396	1844	DUMMY1
1397	4922	DUMMY2
1398	3222	FNAME
1399	2476	INSTR2
1400	2903	LNAME
1401	205	MNT1AAB
1402	2013	MNT2AAB
1403	104	MSD0001
1404	1632	MSG1
1405	4710	MSG2
1406	4179	STATE
1407	559	TRANID1
1408	2367	TRANID2
1409	4498	ZIPCODE

1410

1411

Macro and Copy Code Source Summary

Page 25

1412 Con Source

HLASM R6.0 2021/02/28 16.29

1413 L1 DFH540.CICS.SDFHMAC
DFHGDEFS DFHMDF DFHMDI

Volume Members

VTDFHI DFHANRAT DFHANRWC DFHCOPYR

DFHMSD DFHPRMCK DFHSYS

1414

1415

1416

General Purpose Register Cross Reference

Page 26

1417 Register References (M=modified, B=branch, U=USING, D=DROP, N=index)

HLASM R6.0 2021/02/28 16.29

1418	0(0)	(no references identified)
1419	1(1)	(no references identified)
1420	2(2)	(no references identified)
1421	3(3)	(no references identified)
1422	4(4)	(no references identified)
1423	5(5)	(no references identified)
1424	6(6)	(no references identified)
1425	7(7)	(no references identified)

1426 8(8) (no references identified)
 1427 9(9) (no references identified)
 1428 10(A) (no references identified)
 1429 11(B) (no references identified)
 1430 12(C) (no references identified)
 1431 13(D) (no references identified)
 1432 14(E) (no references identified)
 1433 15(F) (no references identified)

1434

1435 Diagnostic Cross Reference and Assembler Summary

Page 27

1436

HLASM R6.0 2021/02/28 16.29

1437 Statements Flagged

1438 666(L1:DFHPRMCK,538), 1307(L1:DFHPRMCK,538), 1415(L1:DFHPRMCK,538),
 1523(L1:DFHPRMCK,538), 2474(L1:DFHPRMCK,538)

1439

1440 5 Statements Flagged in this Assembly 4 was Highest Severity Code

1441 HIGH LEVEL ASSEMBLER, 5696-234, RELEASE 6.0, PTF UI61337

1442 SYSTEM: z/OS 02.03.00 JOBNAME: MNTSBAAB STEPNAME: MAPSET PROCSTEP: ASMMAP

1443 Unicode Module: ASMA047C From Page 1148 To Page 17584 ECECP:

International 1

1444 Data Sets Allocated for this Assembly

Con	DDname	Data Set Name	Volume	Member
1446	P1 SYSIN	SYS21059.T162942.RA000.MNTSBAAB.TEMPM.H01	TEMP00	
1447	L1 SYSLIB	DFH540.CICS.SDFHMAC	VTDFHI	
1448	L2	SYS1.MACLIB	VTMVSC	
1449	SYSPRINT	KC03AAB.MNTSBAAB.JOB08536.D0000102.?		
1450	SYSPUNCH	SYS21059.T162942.RA000.MNTSBAAB.MAP.H01	TEMP00	

1451

1452 26892K allocated to Buffer Pool Storage required 1232K

1453 217 Primary Input Records Read 6915 Library Records Read 0 Work

File Reads

1454 0 ASMAOPT Records Read 1217 Primary Print Records Written 0 Work

File Writes

1455 35 Object Records Written 0 ADATA Records Written

1456 Assembly Start Time: 16.29.43 Stop Time: 16.29.43 Processor Time: 00.00.00.0106

1457 Return Code 004

1458

1459 High Level Assembler Option Summary

(PTF UI61337) Page 1

1460

HLASM R6.0 2021/02/28 16.29

1461 No Overriding ASMAOPT Parameters

1462 Overriding Parameters- SYSPARM(MAP),DECK,NOOBJECT

1463 No Process Statements

1464

1465

1466 Options for this Assembly

1467 NOADATA

1468 ALIGN

1469 NOASA

1470 BATCH

1471 CODEPAGE(047C)

1472 NOCOMPAT

1473 NODATAMAP

1474 NODBCS

```

1475 3  PARM/OPTION      DECK
1476                      DXREF
1477                      ESD
1478                      NOEXIT
1479                      FAIL(NOMSG,NOMNOTE,MAXERRS(500))
1480
      FLAG(0,ALIGN,CONT,EXLITW,NOIMPLEN,NOLONGER,NOPAGE0,PUSH,RECORD,NOSIGNED,NOSUBSTR,NOTRUNC,USIN
      G0)
1481                      NOFOLD
1482                      NOGOFF
1483                      NOINFO
1484                      ILMA
1485                      LANGUAGE(EN)
1486                      NOLIBMAC
1487                      LINECOUNT(60)
1488                      LIST(121)
1489                      MACHINE(,NOLIST)
1490                      MXREF(SOURCE)
1491 3  PARM/OPTION      NOOBJECT
1492                      OPTABLE(UNI,NOLIST)
1493                      NOPCONTROL
1494                      NOPESTOP
1495                      NOPROFILE
1496                      NORA2
1497                      NORENT
1498                      RLD
1499                      RXREF
1500                      SECTALGN(8)
1501                      SIZE(MAX)
1502                      NOSUPRWARN
1503 3  PARM/OPTION      SYSPARM(MAP)
1504                      NOTERM
1505                      NOTEST
1506                      THREAD
1507                      NOTRANSLATE
1508                      TYPECHECK(MAGNITUDE,REGISTER)
1509                      USING(NOLIMIT,MAP,WARN(15))
1510                      NOWORKFILE
1511                      XREF(SHORT,UNREFS)
1512
1513  No Overriding DD Names
1514
1515

```

Page 2

1516 Active Usings: None

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

HLASM R6.0 2021/02/28 16.29

1518 ** ASMA140W END record missing

1519 ** ASMA435I Record 218 in SYS21059.T162942.RA000.MNTSBAAB.TEMPM.H01 on volume: TEMP00

1520

1521 General Purpose Register Cross Reference

Page 3

1522 Register References (M=modified, B=branch, U=USING, D=DROP, N=index)

HLASM R6.0 2021/02/28 16.29

1523 0(0) (no references identified)

1524 1(1) (no references identified)

1525 2(2) (no references identified)

1526 3(3) (no references identified)
 1527 4(4) (no references identified)
 1528 5(5) (no references identified)
 1529 6(6) (no references identified)
 1530 7(7) (no references identified)
 1531 8(8) (no references identified)
 1532 9(9) (no references identified)
 1533 10(A) (no references identified)
 1534 11(B) (no references identified)
 1535 12(C) (no references identified)
 1536 13(D) (no references identified)
 1537 14(E) (no references identified)
 1538 15(F) (no references identified)

1539

1540 Diagnostic Cross Reference and Assembler Summary

Page 4

1541

HLASM R6.0 2021/02/28 16.29

1542 Statements Flagged

1543 2(P1,218)

1544

1545 1 Statement Flagged in this Assembly 4 was Highest Severity Code

1546 HIGH LEVEL ASSEMBLER, 5696-234, RELEASE 6.0, PTF UI61337

1547 SYSTEM: z/OS 02.03.00 JOBNAME: MNTSBAAB STEPNAME: MAPSET PROCSTEP: ASMMAP

1548 Unicode Module: ASMA047C From Page 1148 To Page 17584 ECECP:

International 1

1549 Data Sets Allocated for this Assembly

1550 Con DDname Data Set Name Volume Member

1551 P1 SYSIN SYS21059.T162942.RA000.MNTSBAAB.TEMPM.H01 TEMP00

1552 L1 SYSLIB DFH540.CICS.SDFHMAC VTDFHI

1553 L2 SYS1.MACLIB VTMVSC

1554 SYSPRINT KC03AAB.MNTSBAAB.JOB08536.D0000102.?

1555 SYSPUNCH SYS21059.T162942.RA000.MNTSBAAB.MAP.H01 TEMP00

1556

1557 26892K allocated to Buffer Pool Storage required 1232K

1558 1 Primary Input Records Read 0 Library Records Read 0 Work

File Reads

1559 0 ASMAOPT Records Read 105 Primary Print Records Written 0 Work

File Writes

1560 0 Object Records Written 0 ADATA Records Written

1561 Assembly Start Time: 16.29.43 Stop Time: 16.29.43 Processor Time: 00.00.00.0001

1562 Return Code 004

1563

1564 2 Batch Assemblies Processed. Highest Return Code 004

1565 z/OS V2 R3 BINDER 16:29:43 SUNDAY FEBRUARY 28, 2021

1566 BATCH EMULATOR JOB(MNTSBAAB) STEP(MAPSET) PGM= IEWL PROCEDURE(LINKMAP)

1567 IEW2278I B352 INVOCATION PARAMETERS - LIST,LET,XREF,RMODE(24)

1568 IEW2650I 5102 MODULE ENTRY NOT PROVIDED. ENTRY DEFAULTS TO SECTION MNTSAABM.

1569

1570

1571

C R O S S - R E F E R E N C E T A B L E

1572

1573

1574 TEXT CLASS = B_TEXT

1575

1576 ----- R E F E R E N C E ----- T A R G E T

1577	CLASS	ELEMENT	OFFSET	TYPE	SYMBOL(ABBREV)	SECTION (ABBREV)
1578	OFFSET SECT/PART(ABBREV)					
1579	OFFSET CLASS NAME					
1580	*** NO ADDRESS CONSTANTS FOR THIS CLASS ***					
1581	*** END OF CROSS REFERENCE ***					
1582						
1583						
1584						
1585	*** OPERATION SUMMARY REPORT ***					
1586						
1587	PROCESSING OPTIONS:					
1588						
1589	ALIASES	NO				
1590	ALIGN2	NO				
1591	AMODE	UNSPECIFIED				
1592	CALL	YES				
1593	CASE	UPPER				
1594	COMPAT	UNSPECIFIED				
1595	COMPRESS	AUTO				
1596	DCBS	NO				
1597	DYNAM	NO				
1598	EXTATTR	UNSPECIFIED				
1599	EXITS:	NONE				
1600	FILL	NONE				
1601	GID	UNSPECIFIED				
1602	HOBSET	NO				
1603	INFO	NO				
1604	LET	08				
1605	LINECT	060				
1606	LIST	SUMMARY				
1607	LISTPRIV	NO				
1608	LONGPARM	NO				
1609	MAP	NO				
1610	MAXBLK	032760				
1611	MODMAP	NO				
1612	MSGLEVEL	00				
1613	OVLY	NO				
1614	PRINT	YES				
1615	RES	NO				
1616	REUSABILITY	UNSPECIFIED				
1617	RMODE	24,INITIAL				
1618	RMODEX	NO				
1619	SIGN	NO				
1620	STORENX	NOREPLACE				
1621	STRIPCL	NO				
1622	STRIPSEC	NO				
1623	SYMTRACE					
1624	TERM	NO				
1625	TRAP	ON				
1626	UID	UNSPECIFIED				
1627	UPCASE	NO				
1628	WKSPACE	000000K,000000K				
1629	XCAL	NO				
1630	XREF	YES				

1631 ***END OF OPTIONS***

1632

1633

1634

1635

1636 SAVE OPERATION SUMMARY:

1637

1638	MEMBER NAME	MNTSAAB
1639	LOAD LIBRARY	TSOECCC.CICSTS12.STUDENT.LOADLIB
1640	PROGRAM TYPE	PROGRAM OBJECT(FORMAT 2)
1641	VOLUME SERIAL	KCTR12
1642	DISPOSITION	REPLACED
1643	TIME OF SAVE	16.29.44 FEB 28, 2021

1644

1645

1646 SAVE MODULE ATTRIBUTES:

1647

1648	AC	000
1649	AMODE	31
1650	COMPRESSION	NONE
1651	DC	NO
1652	EDITABLE	YES
1653	EXCEEDS 16MB	NO
1654	EXECUTABLE	YES
1655	LONGPARM	NO
1656	MIGRATABLE	YES
1657	OL	NO
1658	OVLY	NO
1659	PACK,PRIME	NO,NO
1660	PAGE ALIGN	NO
1661	REFR	NO
1662	RENT	NO
1663	REUS	NO
1664	RMODE	24
1665	SCTR	NO
1666	SIGN	NO
1667	SSI	
1668	SYM GENERATED	NO
1669	TEST	NO
1670	XPLINK	NO
1671	MODULE SIZE (HEX)	00000710
1672	DASD SIZE (HEX)	00001000

1673

1674

1675 ENTRY POINT AND ALIAS SUMMARY:

1676

1677	NAME:	ENTRY TYPE	AMODE	C_OFFSET	CLASS NAME	STATUS
1678						
1679	MNTSAABM	MAIN_EP	31	00000000	B_TEXT	

1680

1681 *** END OF OPERATION SUMMARY REPORT

1682

1683

1684

1685

1686 z/OS V2 R3 BINDER 16:29:43 SUNDAY FEBRUARY 28, 2021

1687 BATCH EMULATOR JOB(MNTSBAAB) STEP(MAPSET) PGM= IEWL PROCEDURE(LINKMAP)
 1688 IEW2008I 0F03 PROCESSING COMPLETED. RETURN CODE = 0.

1689

1690

1691

1692 -----

1693 MESSAGE SUMMARY REPORT

1694 -----

1695 TERMINAL MESSAGES (SEVERITY = 16)

1696 NONE

1697

1698 SEVERE MESSAGES (SEVERITY = 12)

1699 NONE

1700

1701 ERROR MESSAGES (SEVERITY = 08)

1702 NONE

1703

1704 WARNING MESSAGES (SEVERITY = 04)

1705 NONE

1706

1707 INFORMATIONAL MESSAGES (SEVERITY = 00)

1708 2008 2278 2650

1709

1710

1711 **** END OF MESSAGE SUMMARY REPORT ****

1712

1713

1714 High Level Assembler Option Summary

(PTF UI61337) Page 1

1715

HLASM R6.0 2021/02/28 16.29

1716 No Overriding ASMAOPT Parameters

1717 Overriding Parameters- SYSPARM(DSECT),DECK,NOOBJECT

1718 No Process Statements

1719

1720

1721 Options for this Assembly

1722 NOADATA

1723 ALIGN

1724 NOASA

1725 BATCH

1726 CODEPAGE(047C)

1727 NOCOMPAT

1728 NODATAMAP

1729 NODBCS

1730 3 PARM/OPTION DECK

1731 DXREF

1732 ESD

1733 NOEXIT

1734 FAIL(NOMSG,NOMNOTE,MAXERRS(500))

1735

FLAG(0,ALIGN,CONT,EXLITW,NOIMPLEN,NOLONGER,NOPAGE0,PUSH,RECORD,NOSIGNED,NOSUBSTR,NOTRUNC,USIN
 G0)

1736 NOFOLD

1737 NOGOFF

1738 NOINFO

1739 ILMA

```

1740          LANGUAGE(EN)
1741          NOLIBMAC
1742          LINECOUNT(60)
1743          LIST(121)
1744          MACHINE(,NOLIST)
1745          MXREF(SOURCE)
1746 3  PARM/OPTION          NOOBJECT
1747          OPTABLE(UNI,NOLIST)
1748          NOPCONTROL
1749          NOPESTOP
1750          NOPROFILE
1751          NORA2
1752          NORENT
1753          RLD
1754          RXREF
1755          SECTALGN(8)
1756          SIZE(MAX)
1757          NOSUPRWARN
1758 3  PARM/OPTION          SYSPARM(DSECT)
1759          NOTERM
1760          NOTEST
1761          THREAD
1762          NOTRANSLATE
1763          TYPECHECK(MAGNITUDE,REGISTER)
1764          USING(NOLIMIT,MAP,WARN(15))
1765          NOWORKFILE
1766          XREF(SHORT,UNREFS)
1767
1768  No Overriding DD Names
1769
1770

```

Page 2

1771 Active Usings: None

```

1772 Loc  Object Code  Addr1 Addr2  Stmt   Source Statement
      HLASM R6.0   2021/02/28 16.29

```

```

1773          1 *          PRINT NOGEN
1774          2 MNTSAAB  DFHMSD TYPE=&SYSPARM,
      X
1775          LANG=COBOL,
      X
1776          MODE=INOUT,
      X
1777          TERM=3270-2,
      X
1778          CTRL=FREEKB,
      X
1779          STORAGE=AUTO,
      X
1780          DSATTS=(COLOR,HILIGHT),
      X
1781          MAPATTS=(COLOR,HILIGHT),
      X
1782          TIOAPFX=YES
1783          100
      *****
1784          101 MNT1AAB  DFHMDI SIZE=(24,80),
      X

```

```

1785                                     LINE=1,
      X
1786                                     COLUMN=1
1787                                     193+      PUNCH '          01  MNT1AABI.'
      @ 01-DFHMD
1788                                     194+      PUNCH '          02  FILLER PIC X(12).'

```

```

X
1816 INITIAL='Type a customer number. Then
select an action X
1817 and press Enter.'
1818** ASMA254I *** MNOTE *** 583+ 4, COLOR PARAMETER IS INVALID - DEFAULT TO
'DEFAULT' 02-DFHPR
1819 584 DFHMDF POS=(5,1),
X
1820 LENGTH=24,
X
1821 ATTRB=(NORM,PROT),
X
1822 COLOR=GREEN,
X
1823 INITIAL='Customer number. . . . .'
1824 679 CUSTN01 DFHMDF POS=(5,26),
X
1825 LENGTH=6,
X
1826 ATTRB=(NORM,UNPROT,FSET),
X
1827 COLOR=TURQUOISE,
X
1828
Page 3
1829 Active Usings: None
1830 Loc Object Code Addr1 Addr2 Stmt Source Statement
HLASM R6.0 2021/02/28 16.29
1831 INITIAL='_____'
1832 774+ PUNCH ' 02 CUSTN01L COMP PIC
S9(4). ' @BBD5E01 01-DFHMD
1833 775+ PUNCH ' 02 CUSTN01F PICTURE
X. ' @BBD5E01 01-DFHMD
1834 776+ PUNCH ' 02 FILLER REDEFINES
CUSTN01F. ' @BM13780 01-DFHMD
1835 777+ PUNCH ' 03 CUSTN01A PICTURE
X. ' @BM13780 01-DFHMD
1836 778+ PUNCH ' 02 FILLER PICTURE
X(2). ' @L3C 01-DFHMD
1837 779+ PUNCH ' 02 CUSTN01I PIC X(6). '
@BBD5E01 01-DFHMD
1838 780 DFHMDF POS=(5,33),
X
1839 LENGTH=1,
X
1840 ATTRB=ASKIP
1841 874 DFHMDF POS=(7,1),
X
1842 LENGTH=24,
X
1843 ATTRB=(NORM,PROT),
X
1844 COLOR=GREEN,
X
1845 INITIAL='Action . . . . . '
1846 969 ACTION DFHMDF POS=(7,26),
X

```

```

1847                                LENGTH=1,
      X
1848                                ATTRB=(NORM,NUM,FSET),
      X
1849                                COLOR=TURQUOISE,
      X
1850                                INITIAL='_'
1851                                1064+    PUNCH '          02 ACTIONL    COMP PIC
      S9(4). ' @BBD5E01 01-DFHMD
1852                                1065+    PUNCH '          02 ACTIONF    PICTURE X.'
      @BBD5E01 01-DFHMD
1853                                1066+    PUNCH '          02 FILLER REDEFINES
      ACTIONF.' @BM13780 01-DFHMD
1854                                1067+    PUNCH '          03 ACTIONA    PICTURE
      X.' @BM13780 01-DFHMD
1855                                1068+    PUNCH '          02 FILLER    PICTURE
      X(2).' @L3C 01-DFHMD
1856                                1069+    PUNCH '          02 ACTIONI    PIC X(1).'
      @BBD5E01 01-DFHMD
1857                                1070    DFHMDF POS=(7,28),
      X
1858                                LENGTH=21,
      X
1859                                ATTRB=(NORM,ASKIP),
      X
1860                                COLOR=WHITE,
      X
1861                                INITIAL='1. Add a new customer'
1862 ** ASMA254I *** MNOTE ***      1165+    4, COLOR PARAMETER IS INVALID - DEFAULT TO
      'DEFAULT' 02-DFHPR
1863                                1166    DFHMDF POS=(8,28),
      X
1864                                LENGTH=30,
      X
1865                                ATTRB=(NORM,ASKIP),
      X
1866                                COLOR=WHITE,
      X
1867                                INITIAL='2. Change an existing
      customer'
1868 ** ASMA254I *** MNOTE ***      1261+    4, COLOR PARAMETER IS INVALID - DEFAULT TO
      'DEFAULT' 02-DFHPR
1869                                1262    DFHMDF POS=(9,28),
      X
1870                                LENGTH=21,
      X
1871                                ATTRB=(NORM,ASKIP),
      X
1872                                COLOR=WHITE,
      X
1873                                INITIAL='3. Delete an existing
      customer'
1874 ** ASMA254I *** MNOTE ***      1357+    4, COLOR PARAMETER IS INVALID - DEFAULT TO
      'DEFAULT' 02-DFHPR
1875                                1358 MSG1    DFHMDF POS=(23,1),
      X
1876                                LENGTH=79,

```



```

X
1877                                     ATTRB=(BRT,PROT),
X
1878                                     COLOR=YELLOW
1879                                     1453+      PUNCH '          02 MSG1L    COMP  PIC
S9(4). '      @BBD5E01 01-DFHMD
1880                                     1454+      PUNCH '          02 MSG1F    PICTURE X.'
@BBD5E01 01-DFHMD
1881                                     1455+      PUNCH '          02 FILLER REDEFINES
MSG1F.'      @BM13780 01-DFHMD
1882                                     1456+      PUNCH '          03 MSG1A    PICTURE X.'
@BM13780 01-DFHMD
1883                                     1457+      PUNCH '          02 FILLER    PICTURE
X(2). '      @L3C 01-DFHMD
1884                                     1458+      PUNCH '          02 MSG1I    PIC X(79). '
@BBD5E01 01-DFHMD
1885                                     1459      DFHMDF POS=(24,1),
X
1886
Page      4
1887 Active Usings: None
1888 Loc  Object Code  Addr1 Addr2  Stmt  Source Statement
HLASM R6.0  2021/02/28 16.29
1889                                     LENGTH=20,
X
1890                                     ATTRB=(NORM,PROT),
X
1891                                     COLOR=BLUE,
X
1892                                     INITIAL='F3=Exit  F12=Cancel'
1893                                     1554 DUMMY1  DFHMDF POS=(24,79),
X
1894                                     LENGTH=1,
X
1895                                     ATTRB=(DRK,PROT,FSET),
X
1896                                     INITIAL=' '
1897                                     1648+      PUNCH '          02 DUMMY1L    COMP  PIC
S9(4). '      @BBD5E01 01-DFHMD
1898                                     1649+      PUNCH '          02 DUMMY1F    PICTURE X.'
@BBD5E01 01-DFHMD
1899                                     1650+      PUNCH '          02 FILLER REDEFINES
DUMMY1F.'    @BM13780 01-DFHMD
1900                                     1651+      PUNCH '          03 DUMMY1A    PICTURE
X.'      @BM13780 01-DFHMD
1901                                     1652+      PUNCH '          02 FILLER    PICTURE
X(2). '      @L3C 01-DFHMD
1902                                     1653+      PUNCH '          02 DUMMY1I    PIC X(1). '
@BBD5E01 01-DFHMD
1903                                     1654
*****
1904                                     1655 MNT2AAB  DFHMDI SIZE=(24,80),
X
1905                                     LINE=1,
X
1906                                     COLUMN=1
1907                                     1747+      PUNCH '          01 MNT1AABO REDEFINES

```

```

MNT1AABI.'          @ 01-DFHMD
1908                1748+      PUNCH '          02  FILLER PIC X(12).'
```

@BB6D00T 01-DFHMD

```

1909                1749+      PUNCH '          02  FILLER PICTURE X(3).'
```

@BM13780 01-DFHMD

```

1910                1750+      PUNCH '          02  TRANID1C    PICTURE
```

X.' @L3A 01-DFHMD

```

1911                1751+      PUNCH '          02  TRANID1H    PICTURE
```

X.' @L3A 01-DFHMD

```

1912                1752+      PUNCH '          02  TRANID10   PIC X(4).'
```

@BBD5E01 01-DFHMD

```

1913                1753+      PUNCH '          02  FILLER PICTURE X(3).'
```

@BM13780 01-DFHMD

```

1914                1754+      PUNCH '          02  CUSTNO1C    PICTURE
```

X.' @L3A 01-DFHMD

```

1915                1755+      PUNCH '          02  CUSTNO1H    PICTURE
```

X.' @L3A 01-DFHMD

```

1916                1756+      PUNCH '          02  CUSTNO10   PIC X(6).'
```

@BBD5E01 01-DFHMD

```

1917                1757+      PUNCH '          02  FILLER PICTURE X(3).'
```

@BM13780 01-DFHMD

```

1918                1758+      PUNCH '          02  ACTIONC    PICTURE X.'
```

@L3A 01-DFHMD

```

1919                1759+      PUNCH '          02  ACTIONH    PICTURE X.'
```

@L3A 01-DFHMD

```

1920                1760+      PUNCH '          02  ACTIONO   PIC X(1).'
```

@BBD5E01 01-DFHMD

```

1921                1761+      PUNCH '          02  FILLER PICTURE X(3).'
```

@BM13780 01-DFHMD

```

1922                1762+      PUNCH '          02  MSG1C     PICTURE X.'
```

@L3A 01-DFHMD

```

1923                1763+      PUNCH '          02  MSG1H     PICTURE X.'
```

@L3A 01-DFHMD

```

1924                1764+      PUNCH '          02  MSG10    PIC X(79).'
```

@BBD5E01 01-DFHMD

```

1925                1765+      PUNCH '          02  FILLER PICTURE X(3).'
```

@BM13780 01-DFHMD

```

1926                1766+      PUNCH '          02  DUMMY1C    PICTURE X.'
```

@L3A 01-DFHMD

```

1927                1767+      PUNCH '          02  DUMMY1H    PICTURE X.'
```

@L3A 01-DFHMD

```

1928                1768+      PUNCH '          02  DUMMY10   PIC X(1).'
```

@BBD5E01 01-DFHMD

```

1929                1769+      PUNCH '          01  MNT2AABI.'
```

@ 01-DFHMD

```

1930                1770+      PUNCH '          02  FILLER PIC X(12).'
```

@BB6D00T 01-DFHMD

```

1931                1771
*****
1932                1772      DFHMDF POS=(1,1),
X
1933                                LENGTH=7,
X
1934                                ATTRB=(NORM,PROT),
X
1935                                COLOR=BLUE,
X
```

```

1936                                INITIAL='MNTMAAB'
1937                                1867 DFHMDF POS=(1,20),
X
1938                                LENGTH=20,
X
1939                                ATTRB=(NORM,PROT),
X
1940                                COLOR=GREEN,
X
1941                                INITIAL='Customer Maintenance'
1942                                1962 TRANID2 DFHMDF POS=(1,76),
X
1943                                LENGTH=4,
X
1944
Page      5
1945 Active Usings: None
1946 Loc  Object Code  Addr1 Addr2  Stmt  Source Statement
      HLASM R6.0  2021/02/28 16.29
1947                                ATTRB=(NORM,PROT),
X
1948                                COLOR=BLUE,
X
1949                                INITIAL='XXXX'
1950                                2057+ PUNCH '          02 TRANID2L  COMP  PIC
S9(4). ' @BBD5E01 01-DFHMD
1951                                2058+ PUNCH '          02 TRANID2F  PICTURE
X. '      @BBD5E01 01-DFHMD
1952                                2059+ PUNCH '          02 FILLER REDEFINES
TRANID2F. ' @BM13780 01-DFHMD
1953                                2060+ PUNCH '          03 TRANID2A  PICTURE
X. '      @BM13780 01-DFHMD
1954                                2061+ PUNCH '          02 FILLER  PICTURE
X(2). '      @L3C 01-DFHMD
1955                                2062+ PUNCH '          02 TRANID2I  PIC X(4). '
@BBD5E01 01-DFHMD
1956                                2063
*****
1957                                2064 INSTR2 DFHMDF POS=(3,1),
X
1958                                LENGTH=79,
X
1959                                ATTRB=(NORM,PROT),
X
1960                                COLOR=WHITE
1961 ** ASMA254I *** MNOTE *** 2159+ 4, COLOR PARAMETER IS INVALID - DEFAULT TO
'DEFAULT' 02-DFHPR
1962                                2160+ PUNCH '          02 INSTR2L  COMP  PIC
S9(4). ' @BBD5E01 01-DFHMD
1963                                2161+ PUNCH '          02 INSTR2F  PICTURE X. '
@BBD5E01 01-DFHMD
1964                                2162+ PUNCH '          02 FILLER REDEFINES
INSTR2F. ' @BM13780 01-DFHMD
1965                                2163+ PUNCH '          03 INSTR2A  PICTURE
X. '      @BM13780 01-DFHMD
1966                                2164+ PUNCH '          02 FILLER  PICTURE
X(2). '      @L3C 01-DFHMD

```

```

1967                                2165+      PUNCH '          02 INSTR2I PIC X(79).'
```

@BBD5E01 01-DFHMD

```

1968                                2166      DFHMDF POS=(5,1),
1969                                LENGTH=24,
1970                                ATTRB=(NORM,PROT),
1971                                COLOR=GREEN,
1972                                INITIAL='Customer number. . . . :'
```

2261 CUSTN02 DFHMDF POS=(5,26),

```

1973                                LENGTH=6,
1974                                ATTRB=(NORM,PROT,FSET),
1975                                COLOR=TURQUOISE
1976                                PUNCH '          02 CUSTN02L COMP PIC
1977          S9(4). ' @BBD5E01 01-DFHMD
1978                                2357+      PUNCH '          02 CUSTN02F PICTURE
1979                                2358+      PUNCH '          02 FILLER REDEFINES
1980                                2359+      PUNCH '          03 CUSTN02A PICTURE
1981                                2360+      PUNCH '          02 FILLER PICTURE
1982                                2361+      PUNCH '          02 CUSTN02I PIC X(6).'
```

@BBD5E01 01-DFHMD

```

1983                                2362
1984                                2363      DFHMDF POS=(7,1),
1985                                LENGTH=24,
1986                                ATTRB=(NORM,PROT),
1987                                COLOR=GREEN,
1988                                INITIAL='Last name. . . . . . . '
```

2458 LNAME DFHMDF POS=(7,26),

```

1989                                LENGTH=30,
1990                                ATTRB=(NORM,UNPROT,FSET),
1991                                COLOR=TURQUOISE
1992                                PUNCH '          02 LNAMEL COMP PIC
1993          S9(4). ' @BBD5E01 01-DFHMD
1994                                2554+      PUNCH '          02 LNAMEF PICTURE X.'
1995                                2555+      PUNCH '          02 FILLER REDEFINES
1996                                2556+      PUNCH '          03 LNAMEA PICTURE X.'
1997                                2557+      PUNCH '          02 FILLER PICTURE
```

@BBD5E01 01-DFHMD

@BM13780 01-DFHMD

@BM13780 01-DFHMD

```

X(2).'          @L3C 01-DFHMD
1998                                     2558+          PUNCH '          02 LNAMEI PIC X(30).'
```

@BBD5E01 01-DFHMD

```

1999                                     2559          DFHMDF POS=(7,57),
X
2000                                     LENGTH=1,
X
2001                                     ATTRB=ASKIP
2002
Page      6
2003 Active Usings: None
2004 Loc  Object Code   Addr1 Addr2  Stmt   Source Statement
HLASM R6.0  2021/02/28 16.29
2005                                     2653
*****
2006                                     2654          DFHMDF POS=(8,1),
X
2007                                     LENGTH=24,
X
2008                                     ATTRB=(NORM,PROT),
X
2009                                     COLOR=GREEN,
X
2010                                     INITIAL='First name . . . . . '
2011                                     2749 FNAME    DFHMDF POS=(8,26),
X
2012                                     LENGTH=20,
X
2013                                     ATTRB=(NORM,UNPROT,FSET),
X
2014                                     COLOR=TURQUOISE
2015                                     2844+          PUNCH '          02 FNAMEL   COMP   PIC
S9(4).'          @BBD5E01 01-DFHMD
2016                                     2845+          PUNCH '          02 FNAMEF   PICTURE X.'
@BBD5E01 01-DFHMD
2017                                     2846+          PUNCH '          02 FILLER REDEFINES
FNAMEF.'          @BM13780 01-DFHMD
2018                                     2847+          PUNCH '          03 FNAMEA   PICTURE X.'
@BM13780 01-DFHMD
2019                                     2848+          PUNCH '          02 FILLER   PICTURE
X(2).'          @L3C 01-DFHMD
2020                                     2849+          PUNCH '          02 FNAMEI   PIC X(20).'
```

@BBD5E01 01-DFHMD

```

2021                                     2850          DFHMDF POS=(8,47),
X
2022                                     LENGTH=1,
X
2023                                     ATTRB=ASKIP
2024                                     2944
*****
2025                                     2945          DFHMDF POS=(9,1),
X
2026                                     LENGTH=24,
X
2027                                     ATTRB=(NORM,PROT),
X
2028                                     COLOR=GREEN,
```

```

X
2029                                INITIAL='Address. . . . . .'
2030                                3040 ADDR    DFHMDF POS=(9,26),
X
2031                                LENGTH=30,
X
2032                                ATTRB=(NORM,UNPROT,FSET),
X
2033                                COLOR=TURQUOISE
2034                                3135+        PUNCH '          02  ADDR   COMP  PIC
S9(4). '      @BBD5E01 01-DFHMD
2035                                3136+        PUNCH '          02  ADDR   PICTURE X.'
@BBD5E01 01-DFHMD
2036                                3137+        PUNCH '          02  FILLER REDEFINES
ADDRF. '      @BM13780 01-DFHMD
2037                                3138+        PUNCH '          03  ADDRA   PICTURE X.'
@BM13780 01-DFHMD
2038                                3139+        PUNCH '          02  FILLER   PICTURE
X(2). '      @L3C 01-DFHMD
2039                                3140+        PUNCH '          02  ADDRI   PIC X(30). '
@BBD5E01 01-DFHMD
2040                                3141        DFHMDF POS=(9,57),
X
2041                                LENGTH=1,
X
2042                                ATTRB=ASKIP
2043                                3235
*****
2044                                3236        DFHMDF POS=(10,1),
X
2045                                LENGTH=24,
X
2046                                ATTRB=(NORM,PROT),
X
2047                                COLOR=GREEN,
X
2048                                INITIAL='City . . . . . .'
2049                                3331 CITY    DFHMDF POS=(10,26),
X
2050                                LENGTH=20,
X
2051                                ATTRB=(NORM,UNPROT,FSET),
X
2052                                COLOR=TURQUOISE
2053                                3426+        PUNCH '          02  CITYL   COMP  PIC
S9(4). '      @BBD5E01 01-DFHMD
2054                                3427+        PUNCH '          02  CITYF   PICTURE X.'
@BBD5E01 01-DFHMD
2055                                3428+        PUNCH '          02  FILLER REDEFINES
CITYF. '      @BM13780 01-DFHMD
2056                                3429+        PUNCH '          03  CITYA   PICTURE X.'
@BM13780 01-DFHMD
2057                                3430+        PUNCH '          02  FILLER   PICTURE
X(2). '      @L3C 01-DFHMD
2058                                3431+        PUNCH '          02  CITYI   PIC X(20). '
@BBD5E01 01-DFHMD
2059                                3432        DFHMDF POS=(10,47),

```

```

X
2060
Page      7
2061 Active Usings: None
2062 Loc  Object Code      Addr1 Addr2  Stmt   Source Statement
      HLASM R6.0  2021/02/28 16.29
2063                                     LENGTH=1,
X
2064                                     ATTRB=ASKIP
2065                                     3526
*****
2066                                     3527      DFHMDF POS=(11,1),
X
2067                                     LENGTH=24,
X
2068                                     ATTRB=(NORM,PROT),
X
2069                                     COLOR=GREEN,
X
2070                                     INITIAL='State. . . . . '
2071                                     3622 STATE  DFHMDF POS=(11,26),
X
2072                                     LENGTH=2,
X
2073                                     ATTRB=(NORM,UNPROT,FSET),
X
2074                                     COLOR=TURQUOISE
2075                                     3717+      PUNCH '      02 STATEL      COMP PIC
S9(4). '      @BBD5E01 01-DFHMD
2076                                     3718+      PUNCH '      02 STATEF      PICTURE X.'
@BBD5E01 01-DFHMD
2077                                     3719+      PUNCH '      02 FILLER REDEFINES
STATEF.'      @BM13780 01-DFHMD
2078                                     3720+      PUNCH '      03 STATEA      PICTURE X.'
@BM13780 01-DFHMD
2079                                     3721+      PUNCH '      02 FILLER      PICTURE
X(2). '      @L3C 01-DFHMD
2080                                     3722+      PUNCH '      02 STATEI      PIC X(2). '
@BBD5E01 01-DFHMD
2081                                     3723      DFHMDF POS=(11,29),
X
2082                                     LENGTH=1,
X
2083                                     ATTRB=ASKIP
2084                                     3817
*****
2085                                     3818      DFHMDF POS=(12,1),
X
2086                                     LENGTH=24,
X
2087                                     ATTRB=(NORM,PROT),
X
2088                                     COLOR=GREEN,
X
2089                                     INITIAL='Zip Code . . . . . '
2090                                     3913 ZIPCODE  DFHMDF POS=(12,26),
X

```

```

2091                                LENGTH=10,
      X
2092                                ATTRB=(NORM,UNPROT,FSET),
      X
2093                                COLOR=TURQUOISE
2094                                4008+      PUNCH '          02  ZIPCODEL      COMP  PIC
      S9(4). ' @BBD5E01 01-DFHMD
2095                                4009+      PUNCH '          02  ZIPCODEF      PICTURE
      X.' @BBD5E01 01-DFHMD
2096                                4010+      PUNCH '          02  FILLER REDEFINES
      ZIPCODEF.' @BM13780 01-DFHMD
2097                                4011+      PUNCH '          03  ZIPCODEA      PICTURE
      X.' @BM13780 01-DFHMD
2098                                4012+      PUNCH '          02  FILLER      PICTURE
      X(2).' @L3C 01-DFHMD
2099                                4013+      PUNCH '          02  ZIPCODEI  PIC X(10).'
      @BBD5E01 01-DFHMD
2100                                4014      DFHMDF POS=(12,37),
      X
2101                                LENGTH=1,
      X
2102                                ATTRB=ASKIP
2103                                4108
      *****
2104                                4109 MSG2      DFHMDF POS=(23,1),
      X
2105                                LENGTH=79,
      X
2106                                ATTRB=(BRT,PROT),
      X
2107                                COLOR=YELLOW
2108                                4204+      PUNCH '          02  MSG2L      COMP  PIC
      S9(4). ' @BBD5E01 01-DFHMD
2109                                4205+      PUNCH '          02  MSG2F      PICTURE X.'
      @BBD5E01 01-DFHMD
2110                                4206+      PUNCH '          02  FILLER REDEFINES
      MSG2F.' @BM13780 01-DFHMD
2111                                4207+      PUNCH '          03  MSG2A      PICTURE X.'
      @BM13780 01-DFHMD
2112                                4208+      PUNCH '          02  FILLER      PICTURE
      X(2).' @L3C 01-DFHMD
2113                                4209+      PUNCH '          02  MSG2I  PIC X(79).'
      @BBD5E01 01-DFHMD
2114                                4210      DFHMDF POS=(24,1),
      X
2115                                LENGTH=20,
      X
2116                                ATTRB=(NORM,PROT),
      X
2117                                COLOR=BLUE,
      X
2118      Page      8
2119      Active Usings: None
2120      Loc  Object Code  Addr1 Addr2  Stmt  Source Statement
      HLASM R6.0  2021/02/28 16.29
2121                                INITIAL='F3=Exit  F12=Cancel'

```


MNTSBAAB:JOB08536.spool

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2122                                4305 DUMMY2   DFHMDF POS=(24,79),
      X
2123                                LENGTH=1,
      X
2124                                ATTRB=(DRK,PROT,FSET),
      X
2125                                INITIAL=' '
2126                                4399+          PUNCH '          02 DUMMY2L    COMP  PIC
      S9(4). ' @BBD5E01 01-DFHMD
2127                                4400+          PUNCH '          02 DUMMY2F    PICTURE X.'
      @BBD5E01 01-DFHMD
2128                                4401+          PUNCH '          02 FILLER REDEFINES
      DUMMY2F.' @BM13780 01-DFHMD
2129                                4402+          PUNCH '          03 DUMMY2A    PICTURE
      X.' @BM13780 01-DFHMD
2130                                4403+          PUNCH '          02 FILLER    PICTURE
      X(2).' @L3C 01-DFHMD
2131                                4404+          PUNCH '          02 DUMMY2I    PIC X(1).'
      @BBD5E01 01-DFHMD
2132                                4405
      *****
2133                                4406 MNTSAAB DFHMSD TYPE=FINAL
2134                                4590+          PUNCH '          01 MNT2AABO REDEFINES
      MNT2AABI.' @ 02-DFHMD
2135                                4591+          PUNCH '          02 FILLER PIC X(12).'

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2152	@BBD5E01 02-DFHMD	4608+	PUNCH	'	02 FILLER PICTURE X(3).'
2153	@BM13780 02-DFHMD	4609+	PUNCH	'	02 FNAMEC PICTURE X.'
2154	@L3A 02-DFHMD	4610+	PUNCH	'	02 FNAMEH PICTURE X.'
2155	@L3A 02-DFHMD	4611+	PUNCH	'	02 FNAMEO PIC X(20).'
2156	@BBD5E01 02-DFHMD	4612+	PUNCH	'	02 FILLER PICTURE X(3).'
2157	@BM13780 02-DFHMD	4613+	PUNCH	'	02 ADDRRC PICTURE X.'
2158	@L3A 02-DFHMD	4614+	PUNCH	'	02 ADDRH PICTURE X.'
2159	@L3A 02-DFHMD	4615+	PUNCH	'	02 ADDR0 PIC X(30).'
2160	@BBD5E01 02-DFHMD	4616+	PUNCH	'	02 FILLER PICTURE X(3).'
2161	@BM13780 02-DFHMD	4617+	PUNCH	'	02 CITYC PICTURE X.'
2162	@L3A 02-DFHMD	4618+	PUNCH	'	02 CITYH PICTURE X.'
2163	@L3A 02-DFHMD	4619+	PUNCH	'	02 CITYO PIC X(20).'
2164	@BBD5E01 02-DFHMD	4620+	PUNCH	'	02 FILLER PICTURE X(3).'
2165	@BM13780 02-DFHMD	4621+	PUNCH	'	02 STATEC PICTURE X.'
2166	@L3A 02-DFHMD	4622+	PUNCH	'	02 STATEH PICTURE X.'
2167	@L3A 02-DFHMD	4623+	PUNCH	'	02 STATEO PIC X(2).'
2168	@BBD5E01 02-DFHMD	4624+	PUNCH	'	02 FILLER PICTURE X(3).'
2169	@BM13780 02-DFHMD	4625+	PUNCH	'	02 ZIPCODEC PICTURE
2170	X.' @L3A 02-DFHMD	4626+	PUNCH	'	02 ZIPCODEH PICTURE
2171	X.' @L3A 02-DFHMD	4627+	PUNCH	'	02 ZIPCODEO PIC X(10).'
2172	@BBD5E01 02-DFHMD	4628+	PUNCH	'	02 FILLER PICTURE X(3).'
2173	@BM13780 02-DFHMD	4629+	PUNCH	'	02 MSG2C PICTURE X.'
2174	@L3A 02-DFHMD	4630+	PUNCH	'	02 MSG2H PICTURE X.'
2175	@L3A 02-DFHMD	4631+	PUNCH	'	02 MSG20 PIC X(79).'
2176	@BBD5E01 02-DFHMD				
	Page 9				
2177	Active Usings: None				
2178	Loc Object Code Addr1 Addr2 Stmt Source Statement				
	HLASM R6.0 2021/02/28 16.29				
2179		4632+	PUNCH	'	02 FILLER PICTURE X(3).'
	@BM13780 02-DFHMD				
2180		4633+	PUNCH	'	02 DUMMY2C PICTURE X.'

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@L3A 02-DFHMD
2181                                4634+          PUNCH '          02 DUMMY2H    PICTURE X.'
@L3A 02-DFHMD
2182                                4635+          PUNCH '          02 DUMMY20    PIC X(1).'

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Macro and Copy Code Source Summary

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Page 10
2186 Con Source                                Volume    Members
      HLASM R6.0  2021/02/28 16.29
2187 L1 DFH540.CICS.SDFHMAC                    VTDFHI     DFHANRAT DFHANRWC DFHCOPYR
      DFHGDEFS DFHMDF    DFHMDI
2188                                DFHMSD    DFHPRMCK DFHSYS
2189
2190

```

General Purpose Register Cross Reference

```

Page 11
2191 Register References (M=modified, B=branch, U=USING, D=DROP, N=index)
      HLASM R6.0  2021/02/28 16.29
2192 0(0)    (no references identified)
2193 1(1)    (no references identified)
2194 2(2)    (no references identified)
2195 3(3)    (no references identified)
2196 4(4)    (no references identified)
2197 5(5)    (no references identified)
2198 6(6)    (no references identified)
2199 7(7)    (no references identified)
2200 8(8)    (no references identified)
2201 9(9)    (no references identified)
2202 10(A)   (no references identified)
2203 11(B)   (no references identified)
2204 12(C)   (no references identified)
2205 13(D)   (no references identified)
2206 14(E)   (no references identified)
2207 15(F)   (no references identified)
2208
2209

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Diagnostic Cross Reference and Assembler Summary

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Page 12
2210
      HLASM R6.0  2021/02/28 16.29
2211 Statements Flagged
2212 583(L1:DFHPRMCK,538), 1165(L1:DFHPRMCK,538), 1261(L1:DFHPRMCK,538),
      1357(L1:DFHPRMCK,538), 2159(L1:DFHPRMCK,538)
2213
2214 5 Statements Flagged in this Assembly 4 was Highest Severity Code
2215 HIGH LEVEL ASSEMBLER, 5696-234, RELEASE 6.0, PTF UI61337
2216 SYSTEM: z/OS 02.03.00 JOBNAME: MNTSBAAB STEPNAME: MAPSET PROCSTEP:
      ASMDSECT
2217 Unicode Module: ASMA047C From Page 1148 To Page 17584 ECECP:
      International 1
2218 Data Sets Allocated for this Assembly
2219 Con DDname Data Set Name                                Volume Member
2220 P1 SYSIN    SYS21059.T162942.RA000.MNTSBAAB.TEMPM.H01    TEMP00
2221 L1 SYSLIB   DFH540.CICS.SDFHMAC                          VTDFHI
2222 L2          SYS1.MACLIB                                    VTMVSC
2223 SYSPRINT    KC03AAB.MNTSBAAB.JOB08536.D0000104.?.
2224 SYSPUNCH    KC03AAB.A3.COBOL                                KCTR28 MNTSAAB

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2225
2226 26864K allocated to Buffer Pool      Storage required    1184K
2227 217 Primary Input Records Read      6915 Library Records Read      0 Work
      File Reads
2228 0 ASMAOPT Records Read              519 Primary Print Records Written 0 Work
      File Writes
2229 168 Object Records Written           0 ADATA Records Written
2230 Assembly Start Time: 16.29.44 Stop Time: 16.29.44 Processor Time: 00.00.00.0096
2231 Return Code 004
2232
2233                                     High Level Assembler Option Summary
      (PTF UI61337)   Page    1
2234
      HLASM R6.0 2021/02/28 16.29
2235 No Overriding ASMAOPT Parameters
2236 Overriding Parameters-  SYSPARM(DSECT),DECK,NOOBJECT
2237 No Process Statements
2238
2239
2240 Options for this Assembly
2241      NOADATA
2242      ALIGN
2243      NOASA
2244      BATCH
2245      CODEPAGE(047C)
2246      NOCOMPAT
2247      NODATAMAP
2248      NODBCS
2249 3 PARM/OPTION      DECK
2250      DXREF
2251      ESD
2252      NOEXIT
2253      FAIL(NOMSG,NOMNOTE,MAXERRS(500))
2254
      FLAG(0,ALIGN,CONT,EXLITW,NOIMPLEN,NOLONGER,NOPAGE0,PUSH,RECORD,NOSIGNED,NOSUBSTR,NOTRUNC,USIN
      G0)
2255      NOFOLD
2256      NOGOFF
2257      NOINFO
2258      ILMA
2259      LANGUAGE(EN)
2260      NOLIBMAC
2261      LINECOUNT(60)
2262      LIST(121)
2263      MACHINE(,NOLIST)
2264      MXREF(SOURCE)
2265 3 PARM/OPTION      NOOBJECT
2266      OPTABLE(UNI,NOLIST)
2267      NOPCONTROL
2268      NOPESTOP
2269      NOPROFILE
2270      NORA2
2271      NORENT
2272      RLD
2273      RXREF
2274      SECTALGN(8)
2275      SIZE(MAX)

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2276 NOSUPRWARN
 2277 3 PARM/OPTION SYSPARM(DSECT)
 2278 NOTERM
 2279 NOTEST
 2280 THREAD
 2281 NOTRANSLATE
 2282 TYPECHECK(MAGNITUDE,REGISTER)
 2283 USING(NOLIMIT,MAP,WARN(15))
 2284 NOWORKFILE
 2285 XREF(SHORT,UNREFS)
 2286

2287 No Overriding DD Names

2288

2289

Page 2

2290 Active Usings: None

2291 Loc Object Code Addr1 Addr2 Stmt Source Statement

HLASM R6.0 2021/02/28 16.29

2292 ** ASMA140W END record missing

2293 ** ASMA435I Record 218 in SYS21059.T162942.RA000.MNTSBAAB.TEMPM.H01 on volume: TEMP00

2294

2295 General Purpose Register Cross Reference

Page 3

2296 Register References (M=modified, B=branch, U=USING, D=DROP, N=index)

HLASM R6.0 2021/02/28 16.29

2297 0(0) (no references identified)
 2298 1(1) (no references identified)
 2299 2(2) (no references identified)
 2300 3(3) (no references identified)
 2301 4(4) (no references identified)
 2302 5(5) (no references identified)
 2303 6(6) (no references identified)
 2304 7(7) (no references identified)
 2305 8(8) (no references identified)
 2306 9(9) (no references identified)
 2307 10(A) (no references identified)
 2308 11(B) (no references identified)
 2309 12(C) (no references identified)
 2310 13(D) (no references identified)
 2311 14(E) (no references identified)
 2312 15(F) (no references identified)

2313

2314 Diagnostic Cross Reference and Assembler Summary

Page 4

2315

HLASM R6.0 2021/02/28 16.29

2316 Statements Flagged

2317 2(P1,218)

2318

2319 1 Statement Flagged in this Assembly 4 was Highest Severity Code

2320 HIGH LEVEL ASSEMBLER, 5696-234, RELEASE 6.0, PTF UI61337

2321 SYSTEM: z/OS 02.03.00

JOBNAME: MNTSBAAB

STEPNAME: MAPSET

PROCSTEP:

ASMDSECT

2322 Unicode Module: ASMA047C From Page 1148 To Page 17584

ECECP:

International 1

2323 Data Sets Allocated for this Assembly

2324 Con DDname Data Set Name

Volume Member

MNTSBAAB:JOB08536.spool

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2325 P1 SYSIN      SYS21059.T162942.RA000.MNTSBAAB.TEMPM.H01    TEMP00
2326 L1 SYSLIB     DFH540.CICS.SDFHMAC                          VTDFHI
2327 L2           SYS1.MACLIB                                    VTMVSC
2328     SYSPRINT   KC03AAB.MNTSBAAB.JOB08536.D0000104.?
2329     SYSPUNCH   KC03AAB.A3.COBOL                             KCTR28  MNTSAAB
2330
2331 26864K allocated to Buffer Pool      Storage required    1184K
2332     1 Primary Input Records Read      0 Library Records Read      0 Work
      File Reads
2333     0 ASMAOPT Records Read             105 Primary Print Records Written  0 Work
      File Writes
2334     0 Object Records Written            0 ADATA Records Written
2335 Assembly Start Time: 16.29.44 Stop Time: 16.29.44 Processor Time: 00.00.00.0001
2336 Return Code 004
2337
2338     2 Batch Assemblies Processed. Highest Return Code 004
2339

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