```
 1                  J E S 2   J O B   L O G  --  S Y S T E M   2 9 6 4  --  N O D
   E   S V S C J E S 2
 2
 3 22.11.03 JOB01460 ---- THURSDAY,  01 APR 2021 ----
 4 22.11.03 JOB01460  IRR010I  USERID KC03AAB  IS ASSIGNED TO THIS JOB.
 5 22.11.04 JOB01460  ICH70001I KC03AAB  LAST ACCESS AT 22:08:17 ON THURSDAY,
   APRIL 1, 2021
 6 22.11.04 JOB01460  $HASP373 SUMSBAAB STARTED - INIT 3    - CLASS A          -
   SYS 2964
 7 22.11.07 JOB01460  $HASP395 SUMSBAAB ENDED - RC=0004
 8 ------ JES2 JOB STATISTICS ------
 9   01 APR 2021 JOB EXECUTION DATE
10           35 CARDS READ
11        1,372 SYSOUT PRINT RECORDS
12            0 SYSOUT PUNCH RECORDS
13          116 SYSOUT SPOOL KBYTES
14         0.05 MINUTES EXECUTION TIME
15          1 //SUMSBAAB JOB 3U391710000034,MSGCLASS=Q,MSGLEVEL=(1,1)
   JOB01460
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.A5.BMS',
42          //   MAPNAME='SUMSAAB',
43          //   DSCTLIB='KC03AAB.A5.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
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.A5.BMS(SUMSAAB),DISP=SHR
70       10 XXASMMAP   EXEC PGM=&ASMBLR,REGION=&REG,
   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=TSOECCC.CICSTS12.STUDENT.LOADLIB(SUMSAAB),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=&REG,
   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
110           IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,5))
111        29 XXSYSUT2   DD UNIT=&WORK,SPACE=(CYL,(5,5))
   88000015
112           IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,5))
113        30 XXSYSUT3   DD UNIT=&WORK,SPACE=(CYL,(5,5))
   91000015
114           IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,5))
115        31 //ASMDSECT.SYSPUNCH DD DSN=&DSCTLIB(&MAPNAME)
116           IEFC653I SUBSTITUTION JCL - DSN=KC03AAB.A5.COBOL(SUMSAAB)
117           X/SYSPUNCH DD DSN=&DSCTLIB(&MAPNAME),DISP=OLD
   94000015
118           IEFC653I SUBSTITUTION JCL - DSN=KC03AAB.A5.COBOL(SUMSAAB),DISP=OLD
119        32 XXSYSIN    DD DSN=&&TEMPM,DISP=(OLD,DELETE)
   97000015
120  STMT NO. MESSAGE
121         3 IEFC001I PROCEDURE DFHMAPS WAS EXPANDED USING PRIVATE LIBRARY
   TSOECCC.CICSTS12.PROCLIB
122 ICH70001I KC03AAB  LAST ACCESS AT 22:08:17 ON THURSDAY, APRIL 1, 2021
123 IEFA111I SUMSBAAB IS USING THE FOLLOWING JOB RELATED SETTINGS:
124          SWA=ABOVE,TIOT SIZE=32K,DSENQSHR=DISALLOW,GDGBIAS=JOB
```

```
125 IEF236I ALLOC. FOR SUMSBAAB COPY MAPSET
126 IEF237I JES2 ALLOCATED TO SYSPRINT
127 IGD101I SMS ALLOCATED TO DDNAME (SYSUT2  )
128         DSN (SYS21091.T221104.RA000.SUMSBAAB.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 SUMSBAAB COPY MAPSET - STEP WAS EXECUTED - COND CODE 0000
134 IEF285I   KC03AAB.SUMSBAAB.JOB01460.D0000101.?        SYSOUT
135 IGD106I SYS21091.T221104.RA000.SUMSBAAB.TEMPM.H01    PASSED,    DDNAME=SYSUT2
136 IGD104I KC03AAB.A5.BMS                               RETAINED,  DDNAME=SYSUT1
137 IEF373I STEP/COPY    /START 2021091.2211
138 IEF032I STEP/COPY    /STOP  2021091.2211
139         CPU:    0 HR  00 MIN  00.00 SEC    SRB:    0 HR  00 MIN  00.00 SEC
140         VIRT:  192K SYS:   256K EXT:       4K SYS:    11376K
141         ATB- REAL:                  1056K  SLOTS:                      0K
142            VIRT- ALLOC:      13M SHRD:      0M
143 IEF236I ALLOC. FOR SUMSBAAB 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 (SYS21091.T221104.RA000.SUMSBAAB.R0146009    )
149         STORCLAS (TEMPSC) MGMTCLAS (        ) DATACLAS (        )
150         VOL SER NOS= TEMP00
151 IGD101I SMS ALLOCATED TO DDNAME (SYSUT2  )
152         DSN (SYS21091.T221104.RA000.SUMSBAAB.R0146010    )
153         STORCLAS (TEMPSC) MGMTCLAS (        ) DATACLAS (        )
154         VOL SER NOS= TEMP00
155 IGD101I SMS ALLOCATED TO DDNAME (SYSUT3  )
156         DSN (SYS21091.T221104.RA000.SUMSBAAB.R0146011    )
157         STORCLAS (TEMPSC) MGMTCLAS (        ) DATACLAS (        )
158         VOL SER NOS= TEMP00
159 IGD101I SMS ALLOCATED TO DDNAME (SYSPUNCH)
160         DSN (SYS21091.T221104.RA000.SUMSBAAB.MAP.H01      )
161         STORCLAS (TEMPSC) MGMTCLAS (        ) DATACLAS (        )
162         VOL SER NOS= TEMP00
163 IGD103I SMS ALLOCATED TO DDNAME SYSIN
164 IEF142I SUMSBAAB ASMMAP MAPSET - STEP WAS EXECUTED - COND CODE 0004
165 IEF285I   KC03AAB.SUMSBAAB.JOB01460.D0000102.?        SYSOUT
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 SYS21091.T221104.RA000.SUMSBAAB.R0146009    DELETED,   DDNAME=SYSUT1
171 IGD105I SYS21091.T221104.RA000.SUMSBAAB.R0146010    DELETED,   DDNAME=SYSUT2
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172 IGD105I SYS21091.T221104.RA000.SUMSBAAB.R0146011      DELETED,   DDNAME=SYSUT3
173 IGD106I SYS21091.T221104.RA000.SUMSBAAB.MAP.H01       PASSED,
    DDNAME=SYSPUNCH
174 IGD106I SYS21091.T221104.RA000.SUMSBAAB.TEMPM.H01     PASSED,   DDNAME=SYSIN
175 IEF373I STEP/ASMMAP  /START 2021091.2211
176 IEF032I STEP/ASMMAP  /STOP  2021091.2211
177         CPU:     0 HR  00 MIN  00.01 SEC   SRB:     0 HR  00 MIN  00.00 SEC
178         VIRT:  248K SYS:   256K  EXT:    32768K SYS:    11332K
179         ATB- REAL:                   1080K  SLOTS:                    0K
180            VIRT- ALLOC:     18M SHRD:     0M
181 IEF236I ALLOC. FOR SUMSBAAB LINKMAP MAPSET
182 IEF237I JES2 ALLOCATED TO SYSPRINT
183 IGD103I SMS ALLOCATED TO DDNAME SYSLMOD
184 IGD101I SMS ALLOCATED TO DDNAME (SYSUT1  )
185         DSN (SYS21091.T221104.RA000.SUMSBAAB.R0146012    )
186         STORCLAS (TEMPSC) MGMTCLAS (        ) DATACLAS (        )
187         VOL SER NOS= TEMP00
188 IGD103I SMS ALLOCATED TO DDNAME SYSLIN
189 IEF142I SUMSBAAB LINKMAP MAPSET - STEP WAS EXECUTED - COND CODE 0000
190 IEF285I   KC03AAB.SUMSBAAB.JOB01460.D0000103.?       SYSOUT
191 IGD104I TSOECCC.CICSTS12.STUDENT.LOADLIB          RETAINED,
    DDNAME=SYSLMOD
192 IGD105I SYS21091.T221104.RA000.SUMSBAAB.R0146012      DELETED,   DDNAME=SYSUT1
193 IGD105I SYS21091.T221104.RA000.SUMSBAAB.MAP.H01       DELETED,   DDNAME=SYSLIN
194 IEF373I STEP/LINKMAP /START 2021091.2211
195 IEF032I STEP/LINKMAP /STOP  2021091.2211
196         CPU:     0 HR  00 MIN  00.00 SEC   SRB:     0 HR  00 MIN  00.00 SEC
197         VIRT:   88K SYS:   248K  EXT:     1640K SYS:    11344K
198         ATB- REAL:                   1080K  SLOTS:                    0K
199            VIRT- ALLOC:     17M SHRD:     0M
200 IEF236I ALLOC. FOR SUMSBAAB 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 (SYS21091.T221104.RA000.SUMSBAAB.R0146013    )
206         STORCLAS (TEMPSC) MGMTCLAS (        ) DATACLAS (        )
207         VOL SER NOS= TEMP00
208 IGD101I SMS ALLOCATED TO DDNAME (SYSUT2  )
209         DSN (SYS21091.T221104.RA000.SUMSBAAB.R0146014    )
210         STORCLAS (TEMPSC) MGMTCLAS (        ) DATACLAS (        )
211         VOL SER NOS= TEMP00
212 IGD101I SMS ALLOCATED TO DDNAME (SYSUT3  )
213         DSN (SYS21091.T221104.RA000.SUMSBAAB.R0146015    )
214         STORCLAS (TEMPSC) MGMTCLAS (        ) DATACLAS (        )
215         VOL SER NOS= TEMP00
216 IGD103I SMS ALLOCATED TO DDNAME SYSPUNCH
```

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217 IGD103I SMS ALLOCATED TO DDNAME SYSIN
218 IEF142I SUMSBAAB ASMDSECT MAPSET - STEP WAS EXECUTED - COND CODE 0004
219 IEF285I   KC03AAB.SUMSBAAB.JOB01460.D0000104.?        SYSOUT
220 IEF285I   DFH540.CICS.SDFHMAC                          KEPT
221 IEF285I   VOL SER NOS= VTDFHI.
222 IEF285I   SYS1.MACLIB                                  KEPT
223 IEF285I   VOL SER NOS= VTMVSC.
224 IGD105I SYS21091.T221104.RA000.SUMSBAAB.R0146013     DELETED,   DDNAME=SYSUT1
225 IGD105I SYS21091.T221104.RA000.SUMSBAAB.R0146014     DELETED,   DDNAME=SYSUT2
226 IGD105I SYS21091.T221104.RA000.SUMSBAAB.R0146015     DELETED,   DDNAME=SYSUT3
227 IGD104I KC03AAB.A5.COBOL                            RETAINED,
    DDNAME=SYSPUNCH
228 IGD105I SYS21091.T221104.RA000.SUMSBAAB.TEMPM.H01   DELETED,   DDNAME=SYSIN
229 IEF373I STEP/ASMDSECT/START 2021091.2211
230 IEF032I STEP/ASMDSECT/STOP  2021091.2211
231       CPU:     0 HR  00 MIN  00.01 SEC   SRB:     0 HR  00 MIN  00.00 SEC
232       VIRT:  248K  SYS:   252K  EXT:   32768K  SYS:    11632K
233       ATB- REAL:                    1092K  SLOTS:                    0K
234         VIRT- ALLOC:       20M SHRD:      0M
235 IEF375I  JOB/SUMSBAAB/START 2021091.2211
236 IEF033I  JOB/SUMSBAAB/STOP  2021091.2211
237       CPU:     0 HR  00 MIN  00.02 SEC   SRB:     0 HR  00 MIN  00.00 SEC
238 DATA SET UTILITY - GENERATE
    PAGE 0001
239
240 PROCESSING ENDED AT EOD
241
242                                         High Level Assembler Option Summary
    (PTF UI61337)   Page    1
243
    HLASM R6.0  2021/04/01 22.11
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               NODBCS
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,NOSUB
  STR,NOTRUNC,USING0)
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
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                     NOTRANSLATE
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
299 Symbol   Type   Id     Address   Length   Owner Id Flags Alias-of
   HLASM R6.0  2021/04/01 22.11
300 SUMSAABM  SD 00000001 00000000 000002E5            06
301
302
```

Page   3
303 Active Usings: None
304 Loc Object Code   Addr1 Addr2 Stmt   Source Statement
   HLASM R6.0 2021/04/01 22.11
305   1 *   PRINT NOGEN
306   2 SUMSAAB DFHMSD TYPE=&SYSPARM,
   X
307   LANG=COBOL,
   X
308   MODE=OUT,
   X
309   TERM=3270-2,
   X
310   CTRL=FREEKB,
   X
311   STORAGE=AUTO,
   X
312   TIOAPFX=YES
313
   100+**
314 000000   00000 002E5   101+SUMSAABM CSECT
   @PCA 01-DFHMS
315   102+SUMSAABM AMODE 31
   @PCA 01-DFHMS
316   103+SUMSAABM RMODE ANY
   @PCA 01-DFHMS
317 000000   104+MSD0001 DS   0D
   MAP SET ORIGIN   @02A 01-DFHMS
318 000000 E2E4D4E2C1C1C2D4   105+   DC   CL8'SUMSAABM'
   MAP SET NAME   @ 01-DFHMS
319 000008 00   106+   DC   AL1(DFHU0)
   OVERFLOW TRAILER LENGTH   01-DFHMS
320 000009 32   107+   DC   X'32'
   VERSION 3.2 OF CICS   @P5C 01-DFHMS
321 00000A 4040   108+   DC   CL2' '
   LDC MNEMONIC   @BB85D1L 01-DFHMS
322
   109+**
323
324   111
   ****
325   112 SUMMAAB DFHMDI SIZE=(24,80),
   X
326   LINE=1,
   X
327   COLUMN=1
328

```
  204+****************************************************************
329 00000C                      205+SUMMAAB  DS    0C .
    MAP ORIGIN                   @ 01-DFHMD
330                  0000C      206+DFHL1    EQU   *
    START OF MAP                 01-DFHMD
331 00000C 004F                 207+         DC    AL2(DFHK1)
    MAP DESCRIPTOR LENGTH        01-DFHMD
332 00000E 0000                 208+         DC    XL2'0000'
    INPUT PARTITION NAME    @E5E2C @H1C 01-DFHMD
333 000010 0000                 209+         DC    XL2'0000'
    OUTPUT PARTITION NAME   @E5E2C @H1C 01-DFHMD
334 000012 0000                 210+         DC    XL2'0000'
    ACTIVE PARTITION NAME   @E5E2C @H1C 01-DFHMD
335 000014 E2E4D4D4C1C1C240      211+         DC    CL8'SUMMAAB'  .
    MAP NAME                     @ 01-DFHMD
336 00001C 02D5                 212+         DC    AL2(DFHM1)
    MAP LENGTH                   01-DFHMD
337 00001E 0096                 213+         DC    AL2(DFHS1)
    MAP SPECIFICATION LENGTH     01-DFHMD
338 000020 008F                 214+         DC    AL2(DFHN1)
    INPUT WORK AREA LENGTH       01-DFHMD
339 000022 019B                 215+         DC    AL2(DFHP1)
    OUTPUT WORK AREA LENGTH      01-DFHMD
340 000024 80                   216+         DC    AL1(128)  .
    MAP DESCRIPTOR FLAG BYTE    @ 01-DFHMD
341 000025 C2                   217+         DC    CL1'B'
    3270 WRITE CONTROL CHARACTER    @ 01-DFHMD
342 000026 0000                 218+         DC    AL2(DFHQ1)
    3270 CURSOR POSITION         01-DFHMD
343 000028 00                   219+         DC    AL1(0)
    MAP MARGIN                   @ 01-DFHMD
344 000029 18                   220+         DC    AL1(24)
    MAP LENGTH - NUMBER OF LINES    @ 01-DFHMD
345 00002A 50                   221+         DC    AL1(80)
    MAP WIDTH - NUMBER OF COLUMNS    @ 01-DFHMD
346 00002B 01                   222+         DC    AL1(1)
    MAP STARTING LINE NUMBER     @ 01-DFHMD
347 00002C 01                   223+         DC    AL1(1)
    MAP STARTING COLUMN NUMBER   @ 01-DFHMD
348 00002D 10                   224+         DC    AL1(DFHT1)
    MAP INDICATOR                01-DFHMD
349 00002E 00                   225+         DC    AL1(0)
    TYPE REQUEST BYTE TWO        @ 01-DFHMD
350 00002F 00                   226+         DC    AL1(0)
    TYPE REQUEST BYTE THREE      @ 01-DFHMD
351 000030            00030 0002E   227+     ORG   *-2
    Overlay byte 2 and 3        @0DA 01-DFHMD
```

```
352 00002E 0000                         228+        DC    AL2(DFHZ1)
    Count of useredit fields       @0DA 01-DFHMD
353 000030 00                           229+        DC    AL1(0)
    TYPE REQUEST BYTE FOUR            @ 01-DFHMD
354 000031 00                           230+        DC    AL1(0)
    TYPE REQUEST BYTE FIVE            @ 01-DFHMD
355 000032 0189                         231+        DC    AL2(DFHX1)
    offset of descriptor           @L8C 01-DFHMD
356 000034 00                           232+        DC    AL1(0)
    REQUEST WRITE CONTROL CHARACTER    @ 01-DFHMD
357 000035 0C                           233+        DC    AL1(12)
    MAX NO OF ATTRS                 @L3A 01-DFHMD
358
    Page    4
359  Active Usings: None
360  Loc  Object Code    Addr1 Addr2  Stmt   Source Statement
    HLASM R6.0  2021/04/01 22.11
361 000036 00000000                     234+        DC    AL4(0)
    MAP CHAIN POINTER              @L3A 01-DFHMD
362 00003A 0000                         235+        DC    AL2(0)
    NO. OF ATTRS IN MAP FIELDS     @L3A 01-DFHMD
363 00003C 0000                         236+        DC    AL2(0)
    NO. OF ATTRS IN DSECT FIELDS   @L3A 01-DFHMD
364 00003E 00000000                     237+        DC    AL1(0,0,0,0)
    @L3A 01-DFHMD
365 000042 00000000                     238+        DC    AL1(0,0,0,0)
    @L3A 01-DFHMD
366 000046 00000000                     239+        DC    AL1(0,0,0,0)
    @L3A 01-DFHMD
367 00004A 00000000                     240+        DC    AL1(0,0,0,0)
    @L3A 01-DFHMD
368 00004E 00000000                     241+        DC    AL1(0,0,0,0)
    @L3A 01-DFHMD
369 000052 00000000                     242+        DC    AL1(0,0,0,0)
    @L3A 01-DFHMD
370 000056 00                           243+        DC    AL1(0)
    FIELD SEPARATOR LENGTH         @L3A 01-DFHMD
371 000057 40404040                     244+        DC    CL4' '
    FIELD SEPARATOR VALUE   @L3C 01-DFHMD
372                 0004F               245+DFHK1   EQU   *-DFHL1
    LENGTH OF MAP HEADER            01-DFHMD
373
    246+****************************************************************
374
375                                     248
    ****************************************************************
376                                     249         DFHMDF POS=(1,1),
```

```
        X
377                                             LENGTH=8,
        X
378                                             ATTRB=(NORM,PROT),
        X
379                                             COLOR=BLUE,
        X
380                                             INITIAL='SUMMAAB'
381 ** ASMA254I *** MNOTE ***          344+     4, COLOR PARAMETER IS INVALID IF
    MAPATTS(COLOR) OMITTED - IGNORED  02-DFHPR
382
    345+****************************************************************
383 00005B                             346+      DS    0C
    FIELD NAME                         @ 01-DFHMD
384 00005B 0000                        347+      DC    AL2(0)
    FIELD PAGE POSITION                @ 01-DFHMD
385 00005D 0008                        348+      DC    AL2(8)
    FIELD LENGTH                       @ 01-DFHMD
386 00005F 02                          349+      DC    AL1(2)
    FIELD DESCRIPTOR FLAG BYTE         @ 01-DFHMD
387 000060 60                          350+      DC    CL1'-'
    FIELD ATTRIBUTE                    @ 01-DFHMD
388 000061 0000                        351+      DC    AL2(0)        .
    FIELD POSITION               @ 01-DFHMD
389 000063 E2E4D4D4C1C1C240            352+      DC    CL8'SUMMAAB'
    DEFAULT MAP DATA                   @ 01-DFHMD
390
    353+****************************************************************
391
392                                    355       DFHMDF POS=(1,20),
        X
393                                             LENGTH=15,
        X
394                                             ATTRB=(NORM,PROT),
        X
395                                             COLOR=GREEN,
        X
396                                             INITIAL='Invoice
    summary'
397 ** ASMA254I *** MNOTE ***          450+     4, COLOR PARAMETER IS INVALID IF
    MAPATTS(COLOR) OMITTED - IGNORED  02-DFHPR
398
    451+****************************************************************
399 00006B                             452+      DS    0C
    FIELD NAME                         @ 01-DFHMD
400 00006B 0000                        453+      DC    AL2(0)
    FIELD PAGE POSITION                @ 01-DFHMD
```

```
401 00006D 000F                      454+         DC    AL2(15)
    FIELD LENGTH                      @ 01-DFHMD
402 00006F 02                         455+         DC    AL1(2)
    FIELD DESCRIPTOR FLAG BYTE        @ 01-DFHMD
403 000070 60                         456+         DC    CL1'-'
    FIELD ATTRIBUTE                   @ 01-DFHMD
404 000071 0013                       457+         DC    AL2(19)        .
    FIELD POSITION                  @ 01-DFHMD
405 000073 C995A59689838540           458+         DC    CL15'Invoice summary'
    X01-DFHMD
406 00007B A2A494948199A8                  +
    DEFAULT MAP DATA                      @
407
    459+********************************************************************
408
409                                   461 TRANID   DFHMDF POS=(1,76),
    X
410
    Page    5
411  Active Usings: None
412  Loc  Object Code    Addr1 Addr2  Stmt   Source Statement
    HLASM R6.0  2021/04/01 22.11
413                                              LENGTH=4,
    X
414                                              ATTRB=(NORM,PROT),
    X
415                                              COLOR=BLUE,
    X
416                                              INITIAL='XXXX'
417 ** ASMA254I *** MNOTE ***          556+     4, COLOR PARAMETER IS INVALID IF
    MAPATTS(COLOR) OMITTED - IGNORED  02-DFHPR
418
    557+********************************************************************
419 000082                            558+TRANID   DS    0C
    FIELD NAME                      @08A 01-DFHMD
420 000082 0000                       559+         DC    AL2(0)
    FIELD PAGE POSITION               @ 01-DFHMD
421 000084 0004                       560+         DC    AL2(4)
    FIELD LENGTH                      @ 01-DFHMD
422 000086 03                         561+         DC    AL1(3)
    FIELD DESCRIPTOR FLAG BYTE        @ 01-DFHMD
423 000087 60                         562+         DC    CL1'-'
    FIELD ATTRIBUTE                   @ 01-DFHMD
424 000088 004B                       563+         DC    AL2(75)        .
    FIELD POSITION                  @ 01-DFHMD
425 00008A E7E7E7E7                    564+         DC    CL4'XXXX'
    DEFAULT MAP DATA                  @ 01-DFHMD
```

```
426
    565+***********************************************************
427
428                                      567
    ***********************************************************
429                                      568          DFHMDF POS=(3,1),
    X
430                                                   LENGTH=29,
    X
431                                                   ATTRB=(NORM,PROT),
    X
432                                                   COLOR=WHITE,
    X
433                                                   INITIAL='Press Enter
    to return to menu.'
434 ** ASMA254I *** MNOTE ***          663+     4, COLOR PARAMETER IS INVALID IF
    MAPATTS(COLOR) OMITTED - IGNORED  02-DFHPR
435
    664+***********************************************************
436 00008E                            665+     DS    0C
    FIELD NAME                        @ 01-DFHMD
437 00008E 0000                       666+     DC    AL2(0)
    FIELD PAGE POSITION               @ 01-DFHMD
438 000090 001D                       667+     DC    AL2(29)
    FIELD LENGTH                      @ 01-DFHMD
439 000092 02                         668+     DC    AL1(2)
    FIELD DESCRIPTOR FLAG BYTE        @ 01-DFHMD
440 000093 60                         669+     DC    CL1'-'
    FIELD ATTRIBUTE                   @ 01-DFHMD
441 000094 00A0                       670+     DC    AL2(160)    .
    FIELD POSITION              @ 01-DFHMD
442 000096 D79985A2A240C595           671+     DC    CL29'Press Enter to
    return to menu.'                  X01-DFHMD
443 00009E A3859940A3964099             +
    DEFAULT MAP DATA                  @
444
    672+***********************************************************
445
446                                      674          DFHMDF POS=(5,1),
    X
447                                                   LENGTH=29,
    X
448                                                   ATTRB=(NORM,PROT),
    X
449                                                   COLOR=GREEN,
    X
450                                                   INITIAL='Invoices in
```

```
   file. . . . . . :'
451 ** ASMA254I *** MNOTE ***          769+     4, COLOR PARAMETER IS INVALID IF
   MAPATTS(COLOR) OMITTED - IGNORED  02-DFHPR
452
   770+****************************************************************
453 0000B3                             771+        DS    0C
   FIELD NAME                        @ 01-DFHMD
454 0000B3 0000                        772+        DC    AL2(0)
   FIELD PAGE POSITION               @ 01-DFHMD
455 0000B5 001D                        773+        DC    AL2(29)
   FIELD LENGTH                      @ 01-DFHMD
456 0000B7 02                          774+        DC    AL1(2)
   FIELD DESCRIPTOR FLAG BYTE        @ 01-DFHMD
457 0000B8 60                          775+        DC    CL1'-'
   FIELD ATTRIBUTE                   @ 01-DFHMD
458 0000B9 0140                        776+        DC    AL2(320)      .
   FIELD POSITION                @ 01-DFHMD
459 0000BB C995A596898385A2            777+        DC    CL29'Invoices in file.
   . . . . . :'                    X01-DFHMD
460 0000C3 4089954086899385            +
   DEFAULT MAP DATA                 @
461
   778+****************************************************************
462
   Page    6
463  Active Usings: None
464  Loc  Object Code    Addr1 Addr2  Stmt   Source Statement
   HLASM R6.0  2021/04/01 22.11
465                                    780 COUNT    DFHMDF POS=(5,31),
   X
466                                        LENGTH=6,
   X
467                                        ATTRB=(NORM,PROT),
   X
468                                        COLOR=TURQUOISE,
   X
469                                        PICOUT='ZZ,ZZ9'
470 ** ASMA254I *** MNOTE ***          876+     4, COLOR PARAMETER IS INVALID IF
   MAPATTS(COLOR) OMITTED - IGNORED  02-DFHPR
471
   877+****************************************************************
472 0000D8                             878+COUNT    DS    0C
   FIELD NAME                        @08A 01-DFHMD
473 0000D8 0000                        879+        DC    AL2(0)
   FIELD PAGE POSITION               @ 01-DFHMD
474 0000DA 0006                        880+        DC    AL2(6)
   FIELD LENGTH                      @ 01-DFHMD
```

```
475 0000DC 01                              881+       DC    AL1(1)
    FIELD DESCRIPTOR FLAG BYTE             @ 01-DFHMD
476 0000DD 60                              882+       DC    CL1'-'
    FIELD ATTRIBUTE                        @ 01-DFHMD
477 0000DE 015E                            883+       DC    AL2(350)    .
    FIELD POSITION                       @ 01-DFHMD
478
    884+***********************************************************
479
480                                        886        DFHMDF POS=(6,1),
    X
481                                                   LENGTH=29,
    X
482                                                   ATTRB=(NORM,PROT),
    X
483                                                   COLOR=GREEN,
    X
484                                                   INITIAL='First invoice
    number. . . . :'
485 ** ASMA254I *** MNOTE ***           981+     4, COLOR PARAMETER IS INVALID IF
    MAPATTS(COLOR) OMITTED - IGNORED   02-DFHPR
486
    982+***********************************************************
487 0000E0                                 983+       DS    0C
    FIELD NAME                             @ 01-DFHMD
488 0000E0 0000                            984+       DC    AL2(0)
    FIELD PAGE POSITION                    @ 01-DFHMD
489 0000E2 001D                            985+       DC    AL2(29)
    FIELD LENGTH                           @ 01-DFHMD
490 0000E4 02                              986+       DC    AL1(2)
    FIELD DESCRIPTOR FLAG BYTE             @ 01-DFHMD
491 0000E5 60                              987+       DC    CL1'-'
    FIELD ATTRIBUTE                        @ 01-DFHMD
492 0000E6 0190                            988+       DC    AL2(400)    .
    FIELD POSITION                       @ 01-DFHMD
493 0000E8 C68999A2A3408995               989+       DC    CL29'First invoice
    number. . . . :'                       X01-DFHMD
494 0000F0 A5968983854095A4                  +
    DEFAULT MAP DATA                       @
495
    990+***********************************************************
496
497                                        992 FIRST    DFHMDF POS=(6,31),
    X
498                                                   LENGTH=6,
    X
499                                                   COLOR=TURQUOISE,
```

```
       X
500                                           ATTRB=(NORM,PROT),
       X
501                                           PICOUT='999999'
502 ** ASMA254I *** MNOTE ***          1088+     4, COLOR PARAMETER IS INVALID IF
       MAPATTS(COLOR) OMITTED - IGNORED  02-DFHPR
503
       1089+*******************************************************************
504 000105                             1090+FIRST    DS    0C
       FIELD NAME                       @08A 01-DFHMD
505 000105 0000                        1091+         DC    AL2(0)
       FIELD PAGE POSITION              @ 01-DFHMD
506 000107 0006                        1092+         DC    AL2(6)
       FIELD LENGTH                     @ 01-DFHMD
507 000109 01                          1093+         DC    AL1(1)
       FIELD DESCRIPTOR FLAG BYTE       @ 01-DFHMD
508 00010A 60                          1094+         DC    CL1'-'
       FIELD ATTRIBUTE                  @ 01-DFHMD
509 00010B 01AE                        1095+         DC    AL2(430)      .
       FIELD POSITION              @ 01-DFHMD
510
       1096+*******************************************************************
511
512                                    1098         DFHMDF POS=(7,1),
       X
513                                           LENGTH=29,
       X
514
    Page    7
515   Active Usings: None
516   Loc  Object Code    Addr1 Addr2  Stmt   Source Statement
       HLASM R6.0  2021/04/01 22.11
517                                           ATTRB=(NORM,PROT),
       X
518                                           COLOR=GREEN,
       X
519                                           INITIAL='Last invoice
       number . . . . :'
520 ** ASMA254I *** MNOTE ***          1193+     4, COLOR PARAMETER IS INVALID IF
       MAPATTS(COLOR) OMITTED - IGNORED  02-DFHPR
521
       1194+*******************************************************************
522 00010D                             1195+         DS    0C
       FIELD NAME                       @ 01-DFHMD
523 00010D 0000                        1196+         DC    AL2(0)
       FIELD PAGE POSITION              @ 01-DFHMD
524 00010F 001D                        1197+         DC    AL2(29)
```

```
    FIELD LENGTH                        @ 01-DFHMD
525 000111 02                           1198+       DC    AL1(2)
    FIELD DESCRIPTOR FLAG BYTE          @ 01-DFHMD
526 000112 60                           1199+       DC    CL1'-'
    FIELD ATTRIBUTE                      @ 01-DFHMD
527 000113 01E0                         1200+       DC    AL2(480)     .
    FIELD POSITION                  @ 01-DFHMD
528 000115 D381A2A3408995A5             1201+       DC    CL29'Last invoice
    number . . . . :'                      X01-DFHMD
529 00011D 968983854095A494                +
    DEFAULT MAP DATA                    @
530
    1202+*********************************************************************
531
532                                     1204 LAST    DFHMDF POS=(7,31),
    X
533                                                  LENGTH=6,
    X
534                                                  COLOR=TURQUOISE,
    X
535                                                  ATTRB=(NORM,PROT),
    X
536                                                  PICOUT='999999'
537 ** ASMA254I *** MNOTE ***          1300+     4, COLOR PARAMETER IS INVALID IF
    MAPATTS(COLOR) OMITTED - IGNORED   02-DFHPR
538
    1301+*********************************************************************
539 000132                              1302+LAST    DS    0C
    FIELD NAME                      @08A 01-DFHMD
540 000132 0000                         1303+       DC    AL2(0)
    FIELD PAGE POSITION                 @ 01-DFHMD
541 000134 0006                         1304+       DC    AL2(6)
    FIELD LENGTH                        @ 01-DFHMD
542 000136 01                           1305+       DC    AL1(1)
    FIELD DESCRIPTOR FLAG BYTE          @ 01-DFHMD
543 000137 60                           1306+       DC    CL1'-'
    FIELD ATTRIBUTE                      @ 01-DFHMD
544 000138 01FE                         1307+       DC    AL2(510)     .
    FIELD POSITION                  @ 01-DFHMD
545
    1308+*********************************************************************
546
547                                     1310         DFHMDF POS=(9,1),
    X
548                                                  LENGTH=29,
    X
549                                                  ATTRB=(NORM,PROT),
```

```
      X
550                                                    COLOR=GREEN,
      X
551                                                    INITIAL='Total value
      of invoices . . :'
552 ** ASMA254I *** MNOTE ***           1405+    4, COLOR PARAMETER IS INVALID IF
      MAPATTS(COLOR) OMITTED - IGNORED  02-DFHPR
553
      1406+*********************************************************************
554 00013A                              1407+      DS    0C
      FIELD NAME                        @ 01-DFHMD
555 00013A 0000                         1408+      DC    AL2(0)
      FIELD PAGE POSITION               @ 01-DFHMD
556 00013C 001D                         1409+      DC    AL2(29)
      FIELD LENGTH                      @ 01-DFHMD
557 00013E 02                           1410+      DC    AL1(2)
      FIELD DESCRIPTOR FLAG BYTE        @ 01-DFHMD
558 00013F 60                           1411+      DC    CL1'-'
      FIELD ATTRIBUTE                   @ 01-DFHMD
559 000140 0280                         1412+      DC    AL2(640)     .
      FIELD POSITION              @ 01-DFHMD
560 000142 E396A3819340A581             1413+      DC    CL29'Total value of
      invoices . . :'                   X01-DFHMD
561 00014A 93A4854096864089                 +
      DEFAULT MAP DATA                  @
562
      1414+*********************************************************************
563
564                                     1416 TOTAL    DFHMDF POS=(9,31),
      X
565                                                    LENGTH=13,
      X
566
   Page    8
567  Active Usings: None
568  Loc  Object Code    Addr1 Addr2  Stmt   Source Statement
   HLASM R6.0  2021/04/01 22.11
569                                                    COLOR=TURQUOISE,
      X
570                                                    ATTRB=(NORM,PROT),
      X
571                                                    PICOUT='$$,$$$,$$9.99'
572 ** ASMA254I *** MNOTE ***           1510+    0,SPECIFIED LENGTH IS 13 AND IS
      EQUAL TO CALCULATED OUTPUT LENGTH. 02-DFHBM
573 ** ASMA254I *** MNOTE ***           1511+    0,COBOL CURRENCY SIGN $ IS
      ASSUMED TO BE REPLACED BY A CURRENCY STX02-DFHBM
574                                         +              RING CONTAINING A
```

```
    SINGLE CHARACTER.
575 ** ASMA254I *** MNOTE ***          1514+    4, COLOR PARAMETER IS INVALID IF
    MAPATTS(COLOR) OMITTED - IGNORED  02-DFHPR
576
    1515+*****************************************************************
577 00015F                             1516+TOTAL    DS    0C
    FIELD NAME                         @08A 01-DFHMD
578 00015F 0000                        1517+         DC    AL2(0)
    FIELD PAGE POSITION                @ 01-DFHMD
579 000161 000D                        1518+         DC    AL2(13)
    FIELD LENGTH                       @ 01-DFHMD
580 000163 01                          1519+         DC    AL1(1)
    FIELD DESCRIPTOR FLAG BYTE         @ 01-DFHMD
581 000164 60                          1520+         DC    CL1'-'
    FIELD ATTRIBUTE                    @ 01-DFHMD
582 000165 029E                        1521+         DC    AL2(670)    .
    FIELD POSITION              @ 01-DFHMD
583
    1522+*****************************************************************
584
585                                 1524
    *****************************************************************
586                                 1525 MESSAGE  DFHMDF POS=(23,1),
    X
587                                           LENGTH=79,
    X
588                                           ATTRB=(BRT,PROT),
    X
589                                           COLOR=YELLOW
590 ** ASMA254I *** MNOTE ***          1620+    4, COLOR PARAMETER IS INVALID IF
    MAPATTS(COLOR) OMITTED - IGNORED  02-DFHPR
591
    1621+*****************************************************************
592 000167                             1622+MESSAGE  DS    0C
    FIELD NAME                         @08A 01-DFHMD
593 000167 0000                        1623+         DC    AL2(0)
    FIELD PAGE POSITION                @ 01-DFHMD
594 000169 004F                        1624+         DC    AL2(79)
    FIELD LENGTH                       @ 01-DFHMD
595 00016B 01                          1625+         DC    AL1(1)
    FIELD DESCRIPTOR FLAG BYTE         @ 01-DFHMD
596 00016C E8                          1626+         DC    CL1'Y'
    FIELD ATTRIBUTE                    @ 01-DFHMD
597 00016D 06E0                        1627+         DC    AL2(1760)   .
    FIELD POSITION              @ 01-DFHMD
598
    1628+*****************************************************************
```

```
599
600                                      1630         DFHMDF POS=(24,1),
   X
601                                                   LENGTH=19,
   X
602                                                   ATTRB=(NORM,PROT),
   X
603                                                   COLOR=BLUE,
   X
604                                                   INITIAL='F3=Exit
   F12=Cancel'
605 ** ASMA254I *** MNOTE ***         1725+     4, COLOR PARAMETER IS INVALID IF
   MAPATTS(COLOR) OMITTED - IGNORED  02-DFHPR
606
   1726+*********************************************************************
607 00016F                            1727+     DS    0C
   FIELD NAME                        @ 01-DFHMD
608 00016F 0000                       1728+     DC    AL2(0)
   FIELD PAGE POSITION               @ 01-DFHMD
609 000171 0013                       1729+     DC    AL2(19)
   FIELD LENGTH                      @ 01-DFHMD
610 000173 02                         1730+     DC    AL1(2)
   FIELD DESCRIPTOR FLAG BYTE        @ 01-DFHMD
611 000174 60                         1731+     DC    CL1'-'
   FIELD ATTRIBUTE                   @ 01-DFHMD
612 000175 0730                       1732+     DC    AL2(1840)    .
   FIELD POSITION             @ 01-DFHMD
613 000177 C6F37EC5A789A340           1733+     DC    CL19'F3=Exit
   F12=Cancel'                          X01-DFHMD
614 00017F 40C6F1F27EC38195              +
   DEFAULT MAP DATA                  @
615
   1734+*********************************************************************
616
617                                   1736 DUMMY   DFHMDF POS=(24,79),
   X
618
   Page    9
619  Active Usings: None
620  Loc  Object Code    Addr1 Addr2  Stmt   Source Statement
   HLASM R6.0  2021/04/01 22.11
621                                                   LENGTH=1,
   X
622                                                   ATTRB=(DRK,PROT,FSET),
   X
623                                                   INITIAL=' '
624
```

```
   1830+**********************************************************************
625 00018A                          1831+DUMMY    DS    0C
    FIELD NAME                      @08A 01-DFHMD
626 00018A 0000                     1832+         DC    AL2(0)
    FIELD PAGE POSITION             @ 01-DFHMD
627 00018C 0001                     1833+         DC    AL2(1)
    FIELD LENGTH                    @ 01-DFHMD
628 00018E 03                       1834+         DC    AL1(3)
    FIELD DESCRIPTOR FLAG BYTE      @ 01-DFHMD
629 00018F 6D                       1835+         DC    CL1'_'
    FIELD ATTRIBUTE                 @ 01-DFHMD
630 000190 077E                     1836+         DC    AL2(1918)    .
    FIELD POSITION               @ 01-DFHMD
631 000192 40                       1837+         DC    CL1' '
    DEFAULT MAP DATA                @ 01-DFHMD
632
    1838+**********************************************************************
633
634                                 1840
    **********************************************************************
635                                 1842 SUMSAAB DFHMSD TYPE=FINAL
636
    2026+**********************************************************************
637                     00096       2027+DFHS1    EQU   150    .
    MAP SPECIFICATION LENGTH        02-DFHMD
638                     0008F       2028+DFHN1    EQU   143
    INPUT WORK AREA LENGTH             02-DFHMD
639                     0019B       2029+DFHP1    EQU   411
    OUTPUT WORK AREA LENGTH            02-DFHMD
640                     00000       2030+DFHQ1    EQU   0
    CURSOR POSITION                   02-DFHMD
641                     00000       2031+DFHZ1    EQU   0
    count of useredit fields        @0DA 02-DFHMD
642                     00010       2032+DFHT1    EQU   16    .
    MAP INDICATOR                     02-DFHMD
643 000193 FFFF                     2033+         DC    2XL1'FF'
    END OF MAP                      @ 02-DFHMD
644                     00195       2034+DFHXX1   EQU   *
    @L8A 02-DFHMD
645                     00189       2035+DFHX1    EQU   DFHXX1-DFHL1
    offset of descriptor            @L8A 02-DFHMD
646 000195 014C                     2036+         DC    AL2(DFHY1)
    @L8A 02-DFHMD
647 000197 C1C4E2C4                 2037+         DC    C'ADSD'
    @L8A 02-DFHMD
648 00019B 0001                     2038+         DC    AL2(1)
    index of map within mapset      @L8A 02-DFHMD
```

```
649 00019D 0007                        2039+           DC    AL2(7)                    no
    of fields in ADS         @L8A 02-DFHMD
650 00019F 0094                        2040+           DC    AL2(143+5)
    length of ADS            @L8A 02-DFHMD
651 0001A1 0000                        2041+           DC    AL2(0)                    no
    of attributes per field  @L8A 02-DFHMD
652 0001A3 404040404040               2042+           DC    CL6'      '
    @L8C 02-DFHMD
653 0001A9 404040404040               2043+           DC    CL6'      '
    @L8C 02-DFHMD
654 0001AF D3                          2044+           DC    CL1'L'
    JUSTIFY LEFT or RIGHT    @L8A 02-DFHMD
655 0001B0 40                          2045+           DC    CL1' '
    JUSTIFY FIRST, LAST or BOTTOM  @L8A 02-DFHMD
656 0001B1 0001                        2046+           DC    AL2(1)
    starting line            @L8A 02-DFHMD
657 0001B3 0001                        2047+           DC    AL2(1)
    starting column          @L8A 02-DFHMD
658 0001B5 0018                        2048+           DC    AL2(24)                   no
    of lines                 @L8A 02-DFHMD
659 0001B7 0050                        2049+           DC    AL2(80)                   no
    of columns               @L8A 02-DFHMD
660 0001B9 C2                          2050+           DC    CL1'B'
    Write Control Character  @L8A 02-DFHMD
661 0001BA 00                          2051+           DC    BL1'00'
    align to half-word boundary  @L8A 02-DFHMD
662 0001BB E3D9C1D5C9C44040           2052+           DC    CL32'TRANID'
    field name               @L8A 02-DFHMD
663 0001DB 0006                        2053+           DC    AL2(6)
    length of field name     @L8A 02-DFHMD
664 0001DD 0000                        2054+           DC    AL2(0)
    index within OCCURS      @L8A 02-DFHMD
665 0001DF 000C                        2055+           DC    AL2(12)
    offset within dsect      @L8A 02-DFHMD
666 0001E1 0004                        2056+           DC    AL2(4)
    length of field          @L8A 02-DFHMD
667 0001E3 D3                          2057+           DC    C'L'
    field justification (L or R)  @L8A 02-DFHMD
668 0001E4 40                          2058+           DC    C' '
    field fill char (blank or 0)  @L8A 02-DFHMD
669 0001E5 C3D6E4D5E3404040           2059+           DC    CL32'COUNT'
    field name               @L8A 02-DFHMD
670 000205 0005                        2060+           DC    AL2(5)
    length of field name     @L8A 02-DFHMD
671 000207 0000                        2061+           DC    AL2(0)
    index within OCCURS      @L8A 02-DFHMD
672 000209 0013                        2062+           DC    AL2(19)
```

```
        offset within dsect              @L8A 02-DFHMD
673
    Page   10
674  Active Usings: None
675  Loc  Object Code    Addr1 Addr2  Stmt    Source Statement
    HLASM R6.0  2021/04/01 22.11
67600020B 0006                         2063+          DC    AL2(6)
    length of field                 @L8A 02-DFHMD
67700020D D3                           2064+          DC    C'L'
    field justification (L or R)    @L8A 02-DFHMD
67800020E 40                           2065+          DC    C' '
    field fill char (blank or 0)    @L8A 02-DFHMD
67900020F C6C9D9E2E3404040             2066+          DC    CL32'FIRST'
    field name                      @L8A 02-DFHMD
68000022F 0005                         2067+          DC    AL2(5)
    length of field name            @L8A 02-DFHMD
681000231 0000                         2068+          DC    AL2(0)
    index within OCCURS             @L8A 02-DFHMD
682000233 001C                         2069+          DC    AL2(28)
    offset within dsect             @L8A 02-DFHMD
683000235 0006                         2070+          DC    AL2(6)
    length of field                 @L8A 02-DFHMD
684000237 D3                           2071+          DC    C'L'
    field justification (L or R)    @L8A 02-DFHMD
685000238 40                           2072+          DC    C' '
    field fill char (blank or 0)    @L8A 02-DFHMD
686000239 D3C1E2E340404040             2073+          DC    CL32'LAST'
    field name                      @L8A 02-DFHMD
687000259 0004                         2074+          DC    AL2(4)
    length of field name            @L8A 02-DFHMD
68800025B 0000                         2075+          DC    AL2(0)
    index within OCCURS             @L8A 02-DFHMD
68900025D 0025                         2076+          DC    AL2(37)
    offset within dsect             @L8A 02-DFHMD
69000025F 0006                         2077+          DC    AL2(6)
    length of field                 @L8A 02-DFHMD
691000261 D3                           2078+          DC    C'L'
    field justification (L or R)    @L8A 02-DFHMD
692000262 40                           2079+          DC    C' '
    field fill char (blank or 0)    @L8A 02-DFHMD
693000263 E3D6E3C1D3404040             2080+          DC    CL32'TOTAL'
    field name                      @L8A 02-DFHMD
694000283 0005                         2081+          DC    AL2(5)
    length of field name            @L8A 02-DFHMD
695000285 0000                         2082+          DC    AL2(0)
    index within OCCURS             @L8A 02-DFHMD
696000287 002E                         2083+          DC    AL2(46)
```

```
    offset within dsect                @L8A 02-DFHMD
697 000289 000D                   2084+        DC    AL2(13)
    length of field                    @L8A 02-DFHMD
698 00028B D3                     2085+        DC    C'L'
    field justification (L or R)       @L8A 02-DFHMD
699 00028C 40                     2086+        DC    C' '
    field fill char (blank or 0)       @L8A 02-DFHMD
700 00028D D4C5E2E2C1C7C540       2087+        DC    CL32'MESSAGE'
    field name                         @L8A 02-DFHMD
701 0002AD 0007                   2088+        DC    AL2(7)
    length of field name               @L8A 02-DFHMD
702 0002AF 0000                   2089+        DC    AL2(0)
    index within OCCURS                @L8A 02-DFHMD
703 0002B1 003E                   2090+        DC    AL2(62)
    offset within dsect                @L8A 02-DFHMD
704 0002B3 004F                   2091+        DC    AL2(79)
    length of field                    @L8A 02-DFHMD
705 0002B5 D3                     2092+        DC    C'L'
    field justification (L or R)       @L8A 02-DFHMD
706 0002B6 40                     2093+        DC    C' '
    field fill char (blank or 0)       @L8A 02-DFHMD
707 0002B7 C4E4D4D4E8404040       2094+        DC    CL32'DUMMY'
    field name                         @L8A 02-DFHMD
708 0002D7 0005                   2095+        DC    AL2(5)
    length of field name               @L8A 02-DFHMD
709 0002D9 0000                   2096+        DC    AL2(0)
    index within OCCURS                @L8A 02-DFHMD
710 0002DB 0090                   2097+        DC    AL2(144)
    offset within dsect                @L8A 02-DFHMD
711 0002DD 0001                   2098+        DC    AL2(1)
    length of field                    @L8A 02-DFHMD
712 0002DF D3                     2099+        DC    C'L'
    field justification (L or R)       @L8A 02-DFHMD
713 0002E0 40                     2100+        DC    C' '
    field fill char (blank or 0)       @L8A 02-DFHMD
714               002E1     2101+DFHR1    EQU   *
    END OF MAP                              02-DFHMD
715               0014C     2102+DFHY1    EQU   DFHR1-DFHXX1
    length of descriptor               @L8A 02-DFHMD
716               002D5     2103+DFHM1    EQU   DFHR1-DFHL1
    MAP LENGTH                              02-DFHMD
717               00000     2104+DFHU0    EQU   0
    OVERFLOW TRAILER LEN.                   02-DFHMD
718 0002E1 FFFFFFFF               2105+        DC    4X'FF'
    END OF MAPSET           @BBAD31J 02-DFHMD
719
    2106+**********************************************************************
```

```
720
721                                    2200          END
722
723                               Ordinary Symbol and Literal Cross Reference
    Page   11
724 Symbol    Length  Value      Id     R Type Asm  Program    Defn References
    HLASM R6.0  2021/04/01 22.11
725 DFHK1        1 0000004F 00000001 A    U                      245  207
726 DFHL1        1 0000000C 00000001      U                      206  245   2035   2103
727 DFHM1        1 000002D5 00000001 A    U                     2103  212
728 DFHN1        1 0000008F 00000001 A    U                     2028  214
729 DFHP1        1 0000019B 00000001 A    U                     2029  215
730 DFHQ1        1 00000000 00000001 A    U                     2030  218
731 DFHR1        1 000002E1 00000001      U                     2101 2102   2103
732 DFHS1        1 00000096 00000001 A    U                     2027  213
733 DFHT1        1 00000010 00000001 A    U                     2032  224
734 DFHU0        1 00000000 00000001 A    U                     2104  106
735 DFHXX1       1 00000195 00000001      U                     2034 2035   2102
736 DFHX1        1 00000189 00000001 A    U                     2035  231
737 DFHY1        1 0000014C 00000001 A    U                     2102 2036
738 DFHZ1        1 00000000 00000001 A    U                     2031  228
739 SUMSAABM     1 00000000 00000001      J                      101  102    103
740
741                                    Unreferenced Symbols Defined in CSECTs
    Page   12
742  Defn  Symbol
    HLASM R6.0  2021/04/01 22.11
743   878  COUNT
744  1831  DUMMY
745  1090  FIRST
746  1302  LAST
747  1622  MESSAGE
748   104  MSD0001
749   205  SUMMAAB
750  1516  TOTAL
751   558  TRANID
752
753                                    Macro and Copy Code Source Summary
    Page   13
754 Con Source                                    Volume    Members
    HLASM R6.0  2021/04/01 22.11
755  L1 DFH540.CICS.SDFHMAC                        VTDFHI    DFHANRAT
    DFHANRWC DFHBMPIC DFHCOPYR DFHGDEFS DFHMDF
756                                                          DFHMDI    DFHMSD
    DFHPRMCK DFHSYS
757
758                                    General Purpose Register Cross Reference
```

Page   14
759 Register References (M=modified, B=branch, U=USING, D=DROP, N=index)
   HLASM R6.0 2021/04/01 22.11
760   0(0)   (no references identified)
761   1(1)   (no references identified)
762   2(2)   (no references identified)
763   3(3)   (no references identified)
764   4(4)   (no references identified)
765   5(5)   (no references identified)
766   6(6)   (no references identified)
767   7(7)   (no references identified)
768   8(8)   (no references identified)
769   9(9)   (no references identified)
770   10(A)   (no references identified)
771   11(B)   (no references identified)
772   12(C)   (no references identified)
773   13(D)   (no references identified)
774   14(E)   (no references identified)
775   15(F)   (no references identified)
776
777   Diagnostic Cross Reference and Assembler
   Summary   Page   15
778
   HLASM R6.0 2021/04/01 22.11
779 Statements Flagged
780   344(L1:DFHPRMCK,516), 450(L1:DFHPRMCK,516), 556(L1:DFHPRMCK,516),
   663(L1:DFHPRMCK,516), 769(L1:DFHPRMCK,516),
781   876(L1:DFHPRMCK,516), 981(L1:DFHPRMCK,516), 1088(L1:DFHPRMCK,516),
   1193(L1:DFHPRMCK,516), 1300(L1:DFHPRMCK,516),
782   1405(L1:DFHPRMCK,516), 1510(L1:DFHBMPIC,757), 1511(L1:DFHBMPIC,759),
   1514(L1:DFHPRMCK,516), 1620(L1:DFHPRMCK,516),
783   1725(L1:DFHPRMCK,516)
784
785   16 Statements Flagged in this Assembly   4 was Highest Severity
   Code
786 HIGH LEVEL ASSEMBLER, 5696-234, RELEASE 6.0, PTF UI61337
787 SYSTEM: z/OS 02.03.00   JOBNAME: SUMSBAAB   STEPNAME: MAPSET
   PROCSTEP: ASMMAP
788 Unicode Module: ASMA047C   From Page   1148   To Page   17584
   ECECP: International 1
789 Data Sets Allocated for this Assembly
790 Con DDname   Data Set Name   Volume   Member
791 P1 SYSIN   SYS21091.T221104.RA000.SUMSBAAB.TEMPM.H01   TEMP00
792 L1 SYSLIB   DFH540.CICS.SDFHMAC   VTDFHI
793 L2   SYS1.MACLIB   VTMVSC
794   SYSPRINT KC03AAB.SUMSBAAB.JOB01460.D0000102.?
795   SYSPUNCH SYS21091.T221104.RA000.SUMSBAAB.MAP.H01   TEMP00

```
796
797   26892K allocated to Buffer Pool      Storage required     1012K
798      92 Primary Input Records Read       7696 Library Records Read
    0 Work File Reads
799       0 ASMAOPT Records Read            562 Primary Print Records Written
    0 Work File Writes
800      16 Object Records Written             0 ADATA Records Written
801 Assembly Start Time: 22.11.05 Stop Time: 22.11.05 Processor Time:
    00.00.00.0077
802 Return Code 004
803
804                                       High Level Assembler Option Summary
    (PTF UI61337)   Page    1
805
    HLASM R6.0  2021/04/01 22.11
806  No Overriding ASMAOPT Parameters
807  Overriding Parameters-  SYSPARM(MAP),DECK,NOOBJECT
808  No Process Statements
809
810
811  Options for this Assembly
812                 NOADATA
813                  ALIGN
814                 NOASA
815                   BATCH
816                   CODEPAGE(047C)
817                 NOCOMPAT
818                 NODATAMAP
819                 NODBCS
820 3 PARM/OPTION    DECK
821                   DXREF
822                   ESD
823                 NOEXIT
824                   FAIL(NOMSG,NOMNOTE,MAXERRS(500))
825
    FLAG(0,ALIGN,CONT,EXLITW,NOIMPLEN,NOLONGER,NOPAGE0,PUSH,RECORD,NOSIGNED,NOSUB
    STR,NOTRUNC,USING0)
826                 NOFOLD
827                 NOGOFF
828                 NOINFO
829                   ILMA
830                   LANGUAGE(EN)
831                 NOLIBMAC
832                   LINECOUNT(60)
833                   LIST(121)
834                   MACHINE(,NOLIST)
835                   MXREF(SOURCE)
```

```
836 3 PARM/OPTION        NOOBJECT
837                        OPTABLE(UNI,NOLIST)
838                      NOPCONTROL
839                      NOPESTOP
840                      NOPROFILE
841                      NORA2
842                      NORENT
843                        RLD
844                        RXREF
845                        SECTALGN(8)
846                        SIZE(MAX)
847                      NOSUPRWARN
848 3 PARM/OPTION        SYSPARM(MAP)
849                      NOTERM
850                      NOTEST
851                        THREAD
852                      NOTRANSLATE
853                        TYPECHECK(MAGNITUDE,REGISTER)
854                        USING(NOLIMIT,MAP,WARN(15))
855                      NOWORKFILE
856                        XREF(SHORT,UNREFS)
857
858   No Overriding DD Names
859
860
   Page    2
861   Active Usings: None
862   Loc  Object Code    Addr1 Addr2  Stmt   Source Statement
   HLASM R6.0  2021/04/01 22.11
863 ** ASMA140W END record missing
864 ** ASMA435I Record 93 in SYS21091.T221104.RA000.SUMSBAAB.TEMPM.H01 on volume:
   TEMP00
865
866                                        General Purpose Register Cross Reference
   Page    3
867 Register  References (M=modified, B=branch, U=USING, D=DROP, N=index)
   HLASM R6.0  2021/04/01 22.11
868    0(0)    (no references identified)
869    1(1)    (no references identified)
870    2(2)    (no references identified)
871    3(3)    (no references identified)
872    4(4)    (no references identified)
873    5(5)    (no references identified)
874    6(6)    (no references identified)
875    7(7)    (no references identified)
876    8(8)    (no references identified)
877    9(9)    (no references identified)
```

```
878    10(A)    (no references identified)
879    11(B)    (no references identified)
880    12(C)    (no references identified)
881    13(D)    (no references identified)
882    14(E)    (no references identified)
883    15(F)    (no references identified)
884
885                              Diagnostic Cross Reference and Assembler
   Summary                            Page    4
886
   HLASM R6.0  2021/04/01 22.11
887 Statements Flagged
888    2(P1,93)
889
890     1 Statement  Flagged in this Assembly      4 was Highest Severity
   Code
891 HIGH LEVEL ASSEMBLER, 5696-234, RELEASE 6.0, PTF UI61337
892 SYSTEM: z/OS 02.03.00            JOBNAME: SUMSBAAB    STEPNAME: MAPSET
   PROCSTEP: ASMMAP
893 Unicode Module:   ASMA047C   From Page    1148   To Page    17584
   ECECP: International 1
894 Data Sets Allocated for this Assembly
895  Con DDname    Data Set Name                          Volume   Member
896  P1 SYSIN    SYS21091.T221104.RA000.SUMSBAAB.TEMPM.H01    TEMP00
897  L1 SYSLIB    DFH540.CICS.SDFHMAC                   VTDFHI
898  L2         SYS1.MACLIB                         VTMVSC
899    SYSPRINT KC03AAB.SUMSBAAB.JOB01460.D0000102.?
900    SYSPUNCH SYS21091.T221104.RA000.SUMSBAAB.MAP.H01    TEMP00
901
902   26892K allocated to Buffer Pool     Storage required   1012K
903     1 Primary Input Records Read         0 Library Records Read
   0 Work File Reads
904     0 ASMAOPT Records Read           105 Primary Print Records Written
   0 Work File Writes
905     0 Object Records Written         0 ADATA Records Written
906 Assembly Start Time: 22.11.05 Stop Time: 22.11.05 Processor Time:
   00.00.00.0001
907 Return Code 004
908
909     2 Batch Assemblies Processed. Highest Return Code 004
910 z/OS V2 R3 BINDER     22:11:05 THURSDAY APRIL  1, 2021
911 BATCH EMULATOR  JOB(SUMSBAAB) STEP(MAPSET  ) PGM= IEWL    PROCEDURE(LINKMAP
   )
912 IEW2278I B352 INVOCATION PARAMETERS - LIST,LET,XREF,RMODE(24)
913 IEW2650I 5102 MODULE ENTRY NOT PROVIDED.  ENTRY DEFAULTS TO SECTION SUMSAABM.
914
915
```

916   C R O S S - R E F E R E N C E   T A B L
   E
917

   _____
918
919 TEXT CLASS = B_TEXT
920
921 --------------- R E F E R E N C E ------------------------ T A R G E T
   ----
922   CLASS   ELEMENT |
   ELEMENT |
923   OFFSET SECT/PART(ABBREV)   OFFSET TYPE | SYMBOL(ABBREV)   SECTION
   (ABBREV)   OFFSET CLASS NAME |
924 |
   |
925 *** NO ADDRESS CONSTANTS FOR THIS CLASS   ***
926   *** E N D   O F   C R O S S   R E F E R E
   N C E ***
927
928
929
930   *** O P E R A T I O N   S U M M A R Y   R E P
   O R T ***
931
932 PROCESSING OPTIONS:
933
934   ALIASES   NO
935   ALIGN2   NO
936   AMODE   UNSPECIFIED
937   CALL   YES
938   CASE   UPPER
939   COMPAT   UNSPECIFIED
940   COMPRESS   AUTO
941   DCBS   NO
942   DYNAM   NO
943   EXTATTR   UNSPECIFIED
944   EXITS: NONE
945   FILL   NONE
946   GID   UNSPECIFIED
947   HOBSET   NO
948   INFO   NO
949   LET   08
950   LINECT   060
951   LIST   SUMMARY
952   LISTPRIV   NO
953   LONGPARM   NO
954   MAP   NO

```
955    MAXBLK            032760
956    MODMAP            NO
957    MSGLEVEL          00
958    OVLY              NO
959    PRINT             YES
960    RES               NO
961    REUSABILITY       UNSPECIFIED
962    RMODE              24,INITIAL
963    RMODEX            NO
964    SIGN              NO
965    STORENX           NOREPLACE
966    STRIPCL           NO
967    STRIPSEC          NO
968    SYMTRACE
969    TERM              NO
970    TRAP              ON
971    UID               UNSPECIFIED
972    UPCASE            NO
973    WKSPACE           000000K,000000K
974    XCAL              NO
975    XREF              YES
976    ***END OF OPTIONS***
977
978
979
980
981 SAVE OPERATION SUMMARY:
982
983    MEMBER NAME       SUMSAAB
984    LOAD LIBRARY      TSOECCC.CICSTS12.STUDENT.LOADLIB
985    PROGRAM TYPE      PROGRAM OBJECT(FORMAT 2)
986    VOLUME SERIAL     KCTR12
987    DISPOSITION       REPLACED
988    TIME OF SAVE      22.11.06  APR  1, 2021
989
990
991 SAVE MODULE ATTRIBUTES:
992
993    AC                000
994    AMODE              31
995    COMPRESSION       NONE
996    DC                NO
997    EDITABLE          YES
998    EXCEEDS 16MB      NO
999    EXECUTABLE        YES
1000   LONGPARM          NO
1001   MIGRATABLE        YES
```

```
1002    OL                  NO
1003    OVLY                NO
1004    PACK,PRIME          NO,NO
1005    PAGE ALIGN          NO
1006    REFR                NO
1007    RENT                NO
1008    REUS                NO
1009    RMODE                24
1010    SCTR                NO
1011    SIGN                NO
1012    SSI
1013    SYM GENERATED       NO
1014    TEST                NO
1015    XPLINK              NO
1016    MODULE SIZE (HEX)   000002E8
1017    DASD SIZE (HEX)     00001000
1018
1019
1020  ENTRY POINT AND ALIAS SUMMARY:
1021
1022  NAME:               ENTRY TYPE AMODE C_OFFSET CLASS NAME        STATUS
1023
1024  SUMSAABM            MAIN_EP      31 00000000 B_TEXT
1025
1026                          *** E N D   O F   O P E R A T I O N   S U M M A R Y
      R E P O R T ***
1027
1028
1029
1030
1031 z/OS V2 R3 BINDER     22:11:05 THURSDAY APRIL  1, 2021
1032 BATCH EMULATOR  JOB(SUMSBAAB) STEP(MAPSET ) PGM= IEWL     PROCEDURE(LINKMAP
     )
1033 IEW2008I 0F03 PROCESSING COMPLETED.  RETURN CODE =  0.
1034
1035
1036
1037 -----------------------
1038 MESSAGE SUMMARY REPORT
1039 -----------------------
1040  TERMINAL MESSAGES     (SEVERITY = 16)
1041  NONE
1042
1043  SEVERE MESSAGES       (SEVERITY = 12)
1044  NONE
1045
1046  ERROR MESSAGES        (SEVERITY = 08)
```

1047 NONE
1048
1049 WARNING MESSAGES   (SEVERITY = 04)
1050 NONE
1051
1052 INFORMATIONAL MESSAGES (SEVERITY = 00)
1053 2008 2278 2650
1054
1055
1056 **** END OF MESSAGE SUMMARY REPORT ****
1057
1058
1059   High Level Assembler Option Summary
    (PTF UI61337)   Page   1
1060
    HLASM R6.0 2021/04/01 22.11
1061   No Overriding ASMAOPT Parameters
1062   Overriding Parameters- SYSPARM(DSECT),DECK,NOOBJECT
1063   No Process Statements
1064
1065
1066   Options for this Assembly
1067   NOADATA
1068   ALIGN
1069   NOASA
1070   BATCH
1071   CODEPAGE(047C)
1072   NOCOMPAT
1073   NODATAMAP
1074   NODBCS
1075 3 PARM/OPTION   DECK
1076   DXREF
1077   ESD
1078   NOEXIT
1079   FAIL(NOMSG,NOMNOTE,MAXERRS(500))
1080
    FLAG(0,ALIGN,CONT,EXLITW,NOIMPLEN,NOLONGER,NOPAGE0,PUSH,RECORD,NOSIGNED,NOSUB
    STR,NOTRUNC,USING0)
1081   NOFOLD
1082   NOGOFF
1083   NOINFO
1084   ILMA
1085   LANGUAGE(EN)
1086   NOLIBMAC
1087   LINECOUNT(60)
1088   LIST(121)
1089   MACHINE(,NOLIST)

```
1090                    MXREF(SOURCE)
10913 PARM/OPTION       NOOBJECT
1092                    OPTABLE(UNI,NOLIST)
1093                   NOPCONTROL
1094                   NOPESTOP
1095                   NOPROFILE
1096                   NORA2
1097                   NORENT
1098                    RLD
1099                    RXREF
1100                    SECTALGN(8)
1101                    SIZE(MAX)
1102                   NOSUPRWARN
11033 PARM/OPTION       SYSPARM(DSECT)
1104                   NOTERM
1105                   NOTEST
1106                    THREAD
1107                   NOTRANSLATE
1108                    TYPECHECK(MAGNITUDE,REGISTER)
1109                    USING(NOLIMIT,MAP,WARN(15))
1110                   NOWORKFILE
1111                    XREF(SHORT,UNREFS)
1112
1113   No Overriding DD Names
1114
1115
   Page    2
1116  Active Usings: None
1117  Loc  Object Code    Addr1 Addr2  Stmt   Source Statement
   HLASM R6.0  2021/04/01 22.11
1118                                       1 *       PRINT NOGEN
1119                                       2 SUMSAAB  DFHMSD TYPE=&SYSPARM,
   X
1120                                         LANG=COBOL,
   X
1121                                         MODE=OUT,
   X
1122                                         TERM=3270-2,
   X
1123                                         CTRL=FREEKB,
   X
1124                                         STORAGE=AUTO,
   X
1125                                         TIOAPFX=YES
1126                                     100
   ********************************************************************
1127                                     101 SUMMAAB  DFHMDI SIZE=(24,80),
```

```
                                                                     X
1128                                            LINE=1,
                                                                     X
1129                                            COLUMN=1
1130                                   193+      PUNCH '       01   SUMMAABO.'
   @ 01-DFHMD
1131                                   194+      PUNCH '       02   FILLER
   PIC X(12).'         @BB6D00T 01-DFHMD
1132                                   195
   **********************************************************************
1133                                   196        DFHMDF POS=(1,1),
                                                                     X
1134                                            LENGTH=8,
                                                                     X
1135                                            ATTRB=(NORM,PROT),
                                                                     X
1136                                            COLOR=BLUE,
                                                                     X
1137                                            INITIAL='SUMMAAB'
1138 ** ASMA254I *** MNOTE ***         291+      4, COLOR PARAMETER IS INVALID IF
   MAPATTS(COLOR) OMITTED - IGNORED  02-DFHPR
1139                                   292        DFHMDF POS=(1,20),
                                                                     X
1140                                            LENGTH=15,
                                                                     X
1141                                            ATTRB=(NORM,PROT),
                                                                     X
1142                                            COLOR=GREEN,
                                                                     X
1143                                            INITIAL='Invoice
   summary'
1144 ** ASMA254I *** MNOTE ***         387+      4, COLOR PARAMETER IS INVALID IF
   MAPATTS(COLOR) OMITTED - IGNORED  02-DFHPR
1145                                   388 TRANID  DFHMDF POS=(1,76),
                                                                     X
1146                                            LENGTH=4,
                                                                     X
1147                                            ATTRB=(NORM,PROT),
                                                                     X
1148                                            COLOR=BLUE,
                                                                     X
1149                                            INITIAL='XXXX'
1150 ** ASMA254I *** MNOTE ***         483+      4, COLOR PARAMETER IS INVALID IF
   MAPATTS(COLOR) OMITTED - IGNORED  02-DFHPR
1151                                   484+      PUNCH '       02   FILLER
   PICTURE X(2).'         @BBD5E01 01-DFHMD
1152                                   485+      PUNCH '       02
```

```
     TRANIDA    PICTURE X.'              @BBD5E01 01-DFHMD
1153                                    486+       PUNCH '           02
     TRANIDO   PIC X(4).'               @BBD5E01 01-DFHMD
1154                                    487
     *****************************************************************
1155                                    488        DFHMDF POS=(3,1),
     X
1156                                               LENGTH=29,
     X
1157                                               ATTRB=(NORM,PROT),
     X
1158                                               COLOR=WHITE,
     X
1159                                               INITIAL='Press Enter
     to return to menu.'
1160 ** ASMA254I *** MNOTE ***         583+     4, COLOR PARAMETER IS INVALID IF
     MAPATTS(COLOR) OMITTED - IGNORED  02-DFHPR
1161                                    584        DFHMDF POS=(5,1),
     X
1162                                               LENGTH=29,
     X
1163                                               ATTRB=(NORM,PROT),
     X
1164                                               COLOR=GREEN,
     X
1165                                               INITIAL='Invoices in
     file. . . . . :'
1166 ** ASMA254I *** MNOTE ***         679+     4, COLOR PARAMETER IS INVALID IF
     MAPATTS(COLOR) OMITTED - IGNORED  02-DFHPR
1167                                    680 COUNT    DFHMDF POS=(5,31),
     X
1168                                               LENGTH=6,
     X
1169                                               ATTRB=(NORM,PROT),
     X
1170                                               COLOR=TURQUOISE,
     X
1171                                               PICOUT='ZZ,ZZ9'
1172 ** ASMA254I *** MNOTE ***         776+     4, COLOR PARAMETER IS INVALID IF
     MAPATTS(COLOR) OMITTED - IGNORED  02-DFHPR
1173
     Page    3
1174  Active Usings: None
1175  Loc  Object Code    Addr1 Addr2  Stmt   Source Statement
     HLASM R6.0  2021/04/01 22.11
1176                                    777+       PUNCH '           02  FILLER
     PICTURE X(2).'            @BBD5E01 01-DFHMD
```

```
1177                                          778+          PUNCH '          02  COUNTA
    PICTURE X.'                @BBD5E01 01-DFHMD
1178                                          779+          PUNCH '          02  COUNTO
    PIC ZZ,ZZ9.'                     X01-DFHMD
1179                                           +
    WITH PICOUT                @BBD5E01
1180                                          780          DFHMDF POS=(6,1),
    X
1181                                                       LENGTH=29,
    X
1182                                                       ATTRB=(NORM,PROT),
    X
1183                                                       COLOR=GREEN,
    X
1184                                                       INITIAL='First invoice
    number. . . . :'
1185 ** ASMA254I *** MNOTE ***          875+     4, COLOR PARAMETER IS INVALID IF
    MAPATTS(COLOR) OMITTED - IGNORED  02-DFHPR
1186                                          876 FIRST    DFHMDF POS=(6,31),
    X
1187                                                       LENGTH=6,
    X
1188                                                       COLOR=TURQUOISE,
    X
1189                                                       ATTRB=(NORM,PROT),
    X
1190                                                       PICOUT='999999'
1191 ** ASMA254I *** MNOTE ***          972+     4, COLOR PARAMETER IS INVALID IF
    MAPATTS(COLOR) OMITTED - IGNORED  02-DFHPR
1192                                          973+          PUNCH '          02  FILLER
    PICTURE X(2).'             @BBD5E01 01-DFHMD
1193                                          974+          PUNCH '          02  FIRSTA
    PICTURE X.'                @BBD5E01 01-DFHMD
1194                                          975+          PUNCH '          02  FIRSTO
    PIC 999999.'                     X01-DFHMD
1195                                           +
    WITH PICOUT                @BBD5E01
1196                                          976          DFHMDF POS=(7,1),
    X
1197                                                       LENGTH=29,
    X
1198                                                       ATTRB=(NORM,PROT),
    X
1199                                                       COLOR=GREEN,
    X
1200                                                       INITIAL='Last invoice
    number . . . . :'
```

```
1201 ** ASMA254I *** MNOTE ***           1071+     4, COLOR PARAMETER IS INVALID IF
     MAPATTS(COLOR) OMITTED - IGNORED  02-DFHPR
1202                                     1072 LAST    DFHMDF POS=(7,31),
     X
1203                                              LENGTH=6,
     X
1204                                              COLOR=TURQUOISE,
     X
1205                                              ATTRB=(NORM,PROT),
     X
1206                                              PICOUT='999999'
1207 ** ASMA254I *** MNOTE ***           1168+     4, COLOR PARAMETER IS INVALID IF
     MAPATTS(COLOR) OMITTED - IGNORED  02-DFHPR
1208                                     1169+     PUNCH '        02  FILLER
     PICTURE X(2).'          @BBD5E01 01-DFHMD
1209                                     1170+     PUNCH '        02  LASTA
     PICTURE X.'             @BBD5E01 01-DFHMD
1210                                     1171+     PUNCH '        02  LASTO
     PIC 999999.'            X01-DFHMD
1211                                          +
     WITH PICOUT              @BBD5E01
1212                                     1172    DFHMDF POS=(9,1),
     X
1213                                              LENGTH=29,
     X
1214                                              ATTRB=(NORM,PROT),
     X
1215                                              COLOR=GREEN,
     X
1216                                              INITIAL='Total value
     of invoices . . :'
1217 ** ASMA254I *** MNOTE ***           1267+     4, COLOR PARAMETER IS INVALID IF
     MAPATTS(COLOR) OMITTED - IGNORED  02-DFHPR
1218                                     1268 TOTAL   DFHMDF POS=(9,31),
     X
1219                                              LENGTH=13,
     X
1220                                              COLOR=TURQUOISE,
     X
1221                                              ATTRB=(NORM,PROT),
     X
1222                                              PICOUT='$$,$$$,$$9.99'
1223 ** ASMA254I *** MNOTE ***           1362+     0,SPECIFIED LENGTH IS 13 AND IS
     EQUAL TO CALCULATED OUTPUT LENGTH. 02-DFHBM
1224 ** ASMA254I *** MNOTE ***           1363+     0,COBOL CURRENCY SIGN $ IS
     ASSUMED TO BE REPLACED BY A CURRENCY STX02-DFHBM
1225                                          +              RING CONTAINING A
```

```
        SINGLE CHARACTER.
1226 ** ASMA254I *** MNOTE ***         1366+     4, COLOR PARAMETER IS INVALID IF
     MAPATTS(COLOR) OMITTED - IGNORED  02-DFHPR
1227                                    1367+       PUNCH '         02  FILLER
     PICTURE X(2).'           @BBD5E01 01-DFHMD
1228                                    1368+       PUNCH '         02  TOTALA
     PICTURE X.'         @BBD5E01 01-DFHMD
1229                                    1369+       PUNCH '         02  TOTALO
     PIC $$,$$$,$$9.99.'          X01-DFHMD
1230                                       +
     WITH PICOUT              @BBD5E01
1231
     Page    4
1232  Active Usings: None
1233  Loc  Object Code    Addr1 Addr2  Stmt   Source Statement
     HLASM R6.0  2021/04/01 22.11
1234                                    1370
     *******************************************************************
1235                                    1371 MESSAGE  DFHMDF POS=(23,1),
     X
1236                                         LENGTH=79,
     X
1237                                         ATTRB=(BRT,PROT),
     X
1238                                         COLOR=YELLOW
1239 ** ASMA254I *** MNOTE ***         1466+     4, COLOR PARAMETER IS INVALID IF
     MAPATTS(COLOR) OMITTED - IGNORED  02-DFHPR
1240                                    1467+       PUNCH '         02  FILLER
     PICTURE X(2).'           @BBD5E01 01-DFHMD
1241                                    1468+       PUNCH '         02
     MESSAGEA    PICTURE X.'        @BBD5E01 01-DFHMD
1242                                    1469+       PUNCH '         02
     MESSAGEO  PIC X(79).'        @BBD5E01 01-DFHMD
1243                                    1470       DFHMDF POS=(24,1),
     X
1244                                         LENGTH=19,
     X
1245                                         ATTRB=(NORM,PROT),
     X
1246                                         COLOR=BLUE,
     X
1247                                         INITIAL='F3=Exit
     F12=Cancel'
1248 ** ASMA254I *** MNOTE ***         1565+     4, COLOR PARAMETER IS INVALID IF
     MAPATTS(COLOR) OMITTED - IGNORED  02-DFHPR
1249                                    1566 DUMMY    DFHMDF POS=(24,79),
     X
```

1250   LENGTH=1,
   X
1251   ATTRB=(DRK,PROT,FSET),
   X
1252   INITIAL=' '
1253   1660+   PUNCH '   02 FILLER
   PICTURE X(2).'   @BBD5E01 01-DFHMD
1254   1661+   PUNCH '   02 DUMMYA
   PICTURE X.'   @BBD5E01 01-DFHMD
1255   1662+   PUNCH '   02 DUMMYO
   PIC X(1).'   @BBD5E01 01-DFHMD
1256   1663
   ****
1257   1665 SUMSAAB DFHMSD TYPE=FINAL
1258   1941   END
1259
1260   Macro and Copy Code Source Summary
   Page   5
1261 Con Source   Volume   Members
   HLASM R6.0 2021/04/01 22.11
1262   L1 DFH540.CICS.SDFHMAC   VTDFHI   DFHANRAT
   DFHANRWC DFHBMPIC DFHCOPYR DFHGDEFS DFHMDF
1263   DFHMDI   DFHMSD
   DFHPRMCK DFHSYS
1264
1265   General Purpose Register Cross Reference
   Page   6
1266 Register References (M=modified, B=branch, U=USING, D=DROP, N=index)
   HLASM R6.0 2021/04/01 22.11
1267   0(0)   (no references identified)
1268   1(1)   (no references identified)
1269   2(2)   (no references identified)
1270   3(3)   (no references identified)
1271   4(4)   (no references identified)
1272   5(5)   (no references identified)
1273   6(6)   (no references identified)
1274   7(7)   (no references identified)
1275   8(8)   (no references identified)
1276   9(9)   (no references identified)
1277   10(A)   (no references identified)
1278   11(B)   (no references identified)
1279   12(C)   (no references identified)
1280   13(D)   (no references identified)
1281   14(E)   (no references identified)
1282   15(F)   (no references identified)
1283
1284   Diagnostic Cross Reference and Assembler

Summary   Page   7
1285
    HLASM R6.0 2021/04/01 22.11
1286 Statements Flagged
1287   291(L1:DFHPRMCK,516), 387(L1:DFHPRMCK,516), 483(L1:DFHPRMCK,516),
    583(L1:DFHPRMCK,516), 679(L1:DFHPRMCK,516),
1288   776(L1:DFHPRMCK,516), 875(L1:DFHPRMCK,516), 972(L1:DFHPRMCK,516),
    1071(L1:DFHPRMCK,516), 1168(L1:DFHPRMCK,516),
1289   1267(L1:DFHPRMCK,516), 1362(L1:DFHBMPIC,757), 1363(L1:DFHBMPIC,759),
    1366(L1:DFHPRMCK,516), 1466(L1:DFHPRMCK,516),
1290   1565(L1:DFHPRMCK,516)
1291
1292   16 Statements Flagged in this Assembly   4 was Highest Severity
    Code
1293 HIGH LEVEL ASSEMBLER, 5696-234, RELEASE 6.0, PTF UI61337
1294 SYSTEM: z/OS 02.03.00   JOBNAME: SUMSBAAB   STEPNAME: MAPSET
    PROCSTEP: ASMDSECT
1295 Unicode Module: ASMA047C   From Page   1148   To Page   17584
    ECECP: International 1
1296 Data Sets Allocated for this Assembly
1297 Con DDname   Data Set Name   Volume   Member
1298 P1 SYSIN   SYS21091.T221104.RA000.SUMSBAAB.TEMPM.H01   TEMP00
1299 L1 SYSLIB   DFH540.CICS.SDFHMAC   VTDFHI
1300 L2   SYS1.MACLIB   VTMVSC
1301   SYSPRINT KC03AAB.SUMSBAAB.JOB01460.D0000104.?
1302   SYSPUNCH KC03AAB.A5.COBOL   KCTR35   SUMSAAB
1303
1304   26864K allocated to Buffer Pool   Storage required   1008K
1305   92 Primary Input Records Read   7696 Library Records Read
    0 Work File Reads
1306   0 ASMAOPT Records Read   252 Primary Print Records Written
    0 Work File Writes
1307   23 Object Records Written   0 ADATA Records Written
1308 Assembly Start Time: 22.11.06 Stop Time: 22.11.06 Processor Time:
    00.00.00.0071
1309 Return Code 004
1310
1311   High Level Assembler Option Summary
    (PTF UI61337)   Page   1
1312
    HLASM R6.0 2021/04/01 22.11
1313 No Overriding ASMAOPT Parameters
1314 Overriding Parameters- SYSPARM(DSECT),DECK,NOOBJECT
1315 No Process Statements
1316
1317
1318 Options for this Assembly

```
1319                        NOADATA
1320                          ALIGN
1321                        NOASA
1322                          BATCH
1323                          CODEPAGE(047C)
1324                        NOCOMPAT
1325                        NODATAMAP
1326                        NODBCS
1327 3 PARM/OPTION          DECK
1328                          DXREF
1329                          ESD
1330                        NOEXIT
1331                          FAIL(NOMSG,NOMNOTE,MAXERRS(500))
1332
    FLAG(0,ALIGN,CONT,EXLITW,NOIMPLEN,NOLONGER,NOPAGE0,PUSH,RECORD,NOSIGNED,NOSUB
    STR,NOTRUNC,USING0)
1333                        NOFOLD
1334                        NOGOFF
1335                        NOINFO
1336                          ILMA
1337                          LANGUAGE(EN)
1338                        NOLIBMAC
1339                          LINECOUNT(60)
1340                          LIST(121)
1341                          MACHINE(,NOLIST)
1342                          MXREF(SOURCE)
1343 3 PARM/OPTION          NOOBJECT
1344                          OPTABLE(UNI,NOLIST)
1345                        NOPCONTROL
1346                        NOPESTOP
1347                        NOPROFILE
1348                        NORA2
1349                        NORENT
1350                          RLD
1351                          RXREF
1352                          SECTALGN(8)
1353                          SIZE(MAX)
1354                        NOSUPRWARN
1355 3 PARM/OPTION          SYSPARM(DSECT)
1356                        NOTERM
1357                        NOTEST
1358                          THREAD
1359                        NOTRANSLATE
1360                          TYPECHECK(MAGNITUDE,REGISTER)
1361                          USING(NOLIMIT,MAP,WARN(15))
1362                        NOWORKFILE
1363                          XREF(SHORT,UNREFS)
```

```
1364
1365   No Overriding DD Names
1366
1367
    Page    2
1368   Active Usings: None
1369   Loc  Object Code    Addr1 Addr2  Stmt   Source Statement
    HLASM R6.0  2021/04/01 22.11
1370 ** ASMA140W END record missing
1371 ** ASMA435I Record 93 in SYS21091.T221104.RA000.SUMSBAAB.TEMPM.H01 on volume:
    TEMP00
1372
1373                                 General Purpose Register Cross Reference
    Page    3
1374 Register  References (M=modified, B=branch, U=USING, D=DROP, N=index)
    HLASM R6.0  2021/04/01 22.11
1375    0(0)    (no references identified)
1376    1(1)    (no references identified)
1377    2(2)    (no references identified)
1378    3(3)    (no references identified)
1379    4(4)    (no references identified)
1380    5(5)    (no references identified)
1381    6(6)    (no references identified)
1382    7(7)    (no references identified)
1383    8(8)    (no references identified)
1384    9(9)    (no references identified)
1385   10(A)    (no references identified)
1386   11(B)    (no references identified)
1387   12(C)    (no references identified)
1388   13(D)    (no references identified)
1389   14(E)    (no references identified)
1390   15(F)    (no references identified)
1391
1392                                 Diagnostic Cross Reference and Assembler
    Summary                         Page    4
1393
    HLASM R6.0  2021/04/01 22.11
1394 Statements Flagged
1395    2(P1,93)
1396
1397     1 Statement  Flagged in this Assembly       4 was Highest Severity
    Code
1398 HIGH LEVEL ASSEMBLER, 5696-234, RELEASE 6.0, PTF UI61337
1399 SYSTEM: z/OS 02.03.00              JOBNAME: SUMSBAAB    STEPNAME: MAPSET
    PROCSTEP: ASMDSECT
1400 Unicode Module:  ASMA047C   From Page    1148  To Page    17584
    ECECP: International 1
```

```
1401 Data Sets Allocated for this Assembly
1402  Con DDname    Data Set Name                                  Volume  Member
1403   P1 SYSIN     SYS21091.T221104.RA000.SUMSBAAB.TEMPM.H01      TEMP00
1404   L1 SYSLIB    DFH540.CICS.SDFHMAC                            VTDFHI
1405   L2           SYS1.MACLIB                                    VTMVSC
1406      SYSPRINT  KC03AAB.SUMSBAAB.JOB01460.D0000104.?
1407      SYSPUNCH  KC03AAB.A5.COBOL                               KCTR35  SUMSAAB
1408
1409   26864K allocated to Buffer Pool      Storage required     1008K
1410       1 Primary Input Records Read             0 Library Records Read
     0 Work File Reads
1411       0 ASMAOPT Records Read              105 Primary Print Records Written
     0 Work File Writes
1412       0 Object Records Written             0 ADATA Records Written
1413 Assembly Start Time: 22.11.06 Stop Time: 22.11.06 Processor Time:
     00.00.00.0001
1414 Return Code 004
1415
1416       2 Batch Assemblies Processed. Highest Return Code 004
1417
```