```
  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 14.28.09 JOB00517 ---- MONDAY,   27 MAR 2023 ----
  4 14.28.09 JOB00517  IRR010I  USERID KC03FEC  IS ASSIGNED TO THIS JOB.
  5 14.28.10 JOB00517  ICH70001I KC03FEC  LAST ACCESS AT 14:27:29 ON MONDAY, MARCH 27, 2023
  6 14.28.10 JOB00517  $HASP373 SUMSBFEC STARTED - INIT 2    - CLASS A        - SYS 2964
  7 14.28.10 JOB00517  IEF861I FOLLOWING RESERVED DATA SET NAMES UNAVAILABLE TO SUMSBFEC
  8 14.28.10 JOB00517  IEF863I DSN = KC03FEC.A5.COBOL SUMSBFEC RC = 04 RSN = 00000000 FROM
    SERVICE ENQ
  9 14.28.10 JOB00517 *IEF099I JOB SUMSBFEC WAITING FOR DATA SETS
 10 14.28.28 JOB00517  -                                        -----TIMINGS (MINS.)------
    -----PAGING COUNTS----
 11 14.28.28 JOB00517  -STEPNAME PROCSTEP   RC   EXCP    CONN      TCB       SRB   CLOCK
    SERV  WORKLOAD  PAGE  SWAP   VIO SWAPS
 12 14.28.28 JOB00517  -MAPSET   COPY      00     50      11     .00       .00     .3
    6  BATCH        0     0      0     0
 13 14.28.29 JOB00517  -MAPSET   ASMMAP    04    142      53     .00       .00     .0
    19  BATCH        0     0      0     0
 14 14.28.30 JOB00517  -MAPSET   LINKMAP   00    112      22     .00       .00     .0
    6  BATCH        0     0      0     0
 15 14.28.31 JOB00517  -MAPSET   ASMDSECT  04    159      51     .00       .00     .0
    19  BATCH        0     0      0     0
 16 14.28.31 JOB00517  -SUMSBFEC ENDED.  NAME-                   TOTAL TCB CPU TIME=     .00
    TOTAL ELAPSED TIME=    .3
 17 14.28.31 JOB00517  $HASP395 SUMSBFEC ENDED - RC=0004
 18 ------ JES2 JOB STATISTICS ------
 19   27 MAR 2023 JOB EXECUTION DATE
 20           33 CARDS READ
 21        1,061 SYSOUT PRINT RECORDS
 22            0 SYSOUT PUNCH RECORDS
 23           78 SYSOUT SPOOL KBYTES
 24         0.35 MINUTES EXECUTION TIME
 25        1 //SUMSBFEC JOB                                              JOB00517
 26          //********************************************************************
 27          //*   THIS IS THE BMS MAP DEFINITION
 28          //*   WHICH IS USED TO ASSEMBLE PHYSICAL AND SYMBOLIC MAPS
 29          //********************************************************************
 30          //*
 31          //*   TO CUSTOMIZE THIS SCRIPT YOU WILL NEED TO CHANGE THE FOLLOWING:
 32          //*
 33          //*
 34          //*      DSCTLIB - SET THIS TO THE NAME OF THE DATASET WHICH CONTAINS
 35          //*                YOUR CICS/COBOL APPLICATION CODE.
 36          //*
 37          //*      MAPNAME - SET THIS TO THE MAP SET NAME PROVIDED BY YOUR
 38          //*                INSTRUCTOR
 39          //*
 40          //*      BMSLIB  - SET THIS TO THE NAME OF THE DATASET WHICH CONTAINS
 41          //*                YOUR BMS CODE TO BE INTERPRETED
 42          //*
 43          //********************************************************************
 44          //*
 45          //*
 46        2 //CICSPROC JCLLIB ORDER=(TSOECCC.CICSTS12.PROCLIB)
 47        3 //MAPSET EXEC DFHMAPS,OUTC='*',RMODE=24,
 48          //*
```

```
49             //  BMSLIB='KC03FEC.A5.BMS',
50             //  MAPNAME='SUMSFEC',
51             //  DSCTLIB='KC03FEC.A5.COBOL',
52             //*
53             //*** DO NOT CHANGE MAPLIB OR INDEX!!!
54             //  MAPLIB='TSOECCC.CICSTS12.STUDENT.LOADLIB',
55             //  INDEX='DFH550.CICS'
56         4 XXDFHMAPS PROC INDEX='DFH550.CICS', FOR MACLIB                      02000016
57           XX              MAPLIB=,                      TARGET FOR MAP        04000015
58           XX              DSCTLIB=,                     TARGET FOR DSECT      06000015
59           XX              MAPNAME=,                     NAME OF MAPSET - REQUIRED 08000015
60           XX              A=,                           A=A FOR ALIGNED MAP   10000015
61           XX              RMODE=ANY,                    24/ANY               10300015
62           XX              ASMBLR=ASMA90,                ASSEMBLER PROGRAM NAME 10600015
63           XX              REG=2048K,                    REGION FOR ASSEMBLY   10900015
64           XX              OUTC=*,                       PRINT SYSOUT CLASS    16000015
65           XX              WORK=SYSDA                    WORK FILE UNIT        18000015
66         5 XXCOPY     EXEC PGM=IEBGENER                                        20000015
67         6 XXSYSPRINT DD SYSOUT=&OUTC                                          22000015
68           IEFC653I SUBSTITUTION JCL - SYSOUT=*
69         7 XXSYSUT2   DD DSN=&&TEMPM,UNIT=&WORK,DISP=(,PASS),                  24000015
70           XX            DCB=(RECFM=FB,LRECL=80,BLKSIZE=400),                  26000015
71           XX            SPACE=(400,(50,50))                                   28000015
72           IEFC653I SUBSTITUTION JCL - DSN=&&TEMPM,UNIT=SYSDA,DISP=(,PASS),DCB=
  (RECFM=FB,LRECL=80,BLKSIZE=400),
73           SPACE=(400,(50,50))
74         8 XXSYSIN    DD DUMMY                                                 30000015
75           XX* SYSUT1 DD * NEEDED FOR THE MAP SOURCE                           32000015
76         9 //COPY.SYSUT1 DD DSN=&BMSLIB(&MAPNAME),DISP=SHR
77           IEFC653I SUBSTITUTION JCL - DSN=KC03FEC.A5.BMS(SUMSFEC),DISP=SHR
78        10 XXASMMAP   EXEC PGM=&ASMBLR,REGION=&REG,                            34000015
79           XX* NOLOAD CHANGED TO NOOBJECT                          @BA91512 35000015
80           XX  PARM='SYSPARM(&A.MAP),DECK,NOOBJECT'                            36000015
81           IEFC653I SUBSTITUTION JCL - PGM=ASMA90,REGION=2048K,PARM='SYSPARM
  (MAP),DECK,NOOBJECT'
82        11 XXSYSPRINT DD SYSOUT=&OUTC                                          38000015
83           IEFC653I SUBSTITUTION JCL - SYSOUT=*
84        12 XXSYSLIB   DD DSN=&INDEX..SDFHMAC,DISP=SHR                          40000015
85           IEFC653I SUBSTITUTION JCL - DSN=DFH550.CICS.SDFHMAC,DISP=SHR
86        13 XX         DD DSN=SYS1.MACLIB,DISP=SHR                              42000015
87        14 XXSYSUT1   DD UNIT=&WORK,SPACE=(CYL,(5,5))                          44000015
88           IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,5))
89        15 XXSYSUT2   DD UNIT=&WORK,SPACE=(CYL,(5,5))                          46000015
90           IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,5))
91        16 XXSYSUT3   DD UNIT=&WORK,SPACE=(CYL,(5,5))                          48000015
92           IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,5))
93        17 XXSYSPUNCH DD DSN=&&MAP,DISP=(,PASS),UNIT=&WORK,                    50000015
94           XX            DCB=(RECFM=FB,LRECL=80,BLKSIZE=400),                  52000015
95           XX            SPACE=(400,(50,50))                                   54000015
96           IEFC653I SUBSTITUTION JCL - DSN=&&MAP,DISP=(,PASS),UNIT=SYSDA,DCB=
  (RECFM=FB,LRECL=80,BLKSIZE=400),SPACE=(400,
97           (50,50))
98        18 XXSYSIN    DD DSN=&&TEMPM,DISP=(OLD,PASS)                           56000015
99        19 XXLINKMAP  EXEC PGM=IEWL,PARM='LIST,LET,XREF,RMODE(&RMODE)'         58000015
100          IEFC653I SUBSTITUTION JCL - PGM=IEWL,PARM='LIST,LET,XREF,RMODE(24)'
101       20 XXSYSPRINT DD SYSOUT=&OUTC                                          60000015
102          IEFC653I SUBSTITUTION JCL - SYSOUT=*
```

```
103        21 XXSYSLMOD  DD DSN=&MAPLIB(&MAPNAME),DISP=SHR                        62000015
104           IEFC653I SUBSTITUTION JCL - DSN=TSOECCC.CICSTS12.STUDENT.LOADLIB(SUMSFEC),DISP=SHR
105        22 XXSYSUT1   DD UNIT=&WORK,SPACE=(1024,(20,20))                       64000015
106           IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1024,(20,20))
107        23 XXSYSLIN   DD DSN=&&MAP,DISP=(OLD,DELETE)                           67000015
108           XX* NOLOAD CHANGED TO NOOBJECT                         @BA91512 68000015
109        24 XXASMDSECT EXEC PGM=&ASMBLR,REGION=&REG,                           70000015
110           XX   PARM='SYSPARM(&A.DSECT),DECK,NOOBJECT'                        73000015
111           IEFC653I SUBSTITUTION JCL - PGM=ASMA90,REGION=2048K,PARM='SYSPARM
    (DSECT),DECK,NOOBJECT'
112        25 XXSYSPRINT DD SYSOUT=&OUTC                                         76000015
113           IEFC653I SUBSTITUTION JCL - SYSOUT=*
114        26 XXSYSLIB   DD DSN=&INDEX..SDFHMAC,DISP=SHR                         79000015
115           IEFC653I SUBSTITUTION JCL - DSN=DFH550.CICS.SDFHMAC,DISP=SHR
116        27 XX         DD DSN=SYS1.MACLIB,DISP=SHR                             82000015
117        28 XXSYSUT1   DD UNIT=&WORK,SPACE=(CYL,(5,5))                         85000015
118           IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,5))
119        29 XXSYSUT2   DD UNIT=&WORK,SPACE=(CYL,(5,5))                         88000015
120           IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,5))
121        30 XXSYSUT3   DD UNIT=&WORK,SPACE=(CYL,(5,5))                         91000015
122           IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,5))
123        31 //ASMDSECT.SYSPUNCH DD DSN=&DSCTLIB(&MAPNAME)
124           IEFC653I SUBSTITUTION JCL - DSN=KC03FEC.A5.COBOL(SUMSFEC)
125           X/SYSPUNCH DD DSN=&DSCTLIB(&MAPNAME),DISP=OLD                      94000015
126           IEFC653I SUBSTITUTION JCL - DSN=KC03FEC.A5.COBOL(SUMSFEC),DISP=OLD
127        32 XXSYSIN    DD DSN=&&TEMPM,DISP=(OLD,DELETE)                        97000015
128 STMT NO. MESSAGE
129        3 IEFC001I PROCEDURE DFHMAPS WAS EXPANDED USING PRIVATE LIBRARY
    TSOECCC.CICSTS12.PROCLIB
130 ICH70001I KC03FEC  LAST ACCESS AT 14:27:29 ON MONDAY, MARCH 27, 2023
131 IEFA111I SUMSBFEC IS USING THE FOLLOWING JOB RELATED SETTINGS:
132        SWA=ABOVE,TIOT SIZE=32K,DSENQSHR=DISALLOW,GDGBIAS=JOB
133 IEF236I ALLOC. FOR SUMSBFEC COPY MAPSET
134 IEF237I JES2 ALLOCATED TO SYSPRINT
135 IGD101I SMS ALLOCATED TO DDNAME (SYSUT2  )
136        DSN (SYS23086.T142810.RA000.SUMSBFEC.TEMPM.H01   )
137        STORCLAS (TEMPSC) MGMTCLAS (        ) DATACLAS (        )
138        VOL SER NOS= TEMP00
139 IEF237I DMY  ALLOCATED TO SYSIN
140 IGD103I SMS ALLOCATED TO DDNAME SYSUT1
141 IEF142I SUMSBFEC COPY MAPSET - STEP WAS EXECUTED - COND CODE 0000
142 IEF285I   KC03FEC.SUMSBFEC.JOB00517.D0000101.?         SYSOUT
143 IGD106I SYS23086.T142810.RA000.SUMSBFEC.TEMPM.H01   PASSED,    DDNAME=SYSUT2
144 IGD104I KC03FEC.A5.BMS                             RETAINED,  DDNAME=SYSUT1
145 IEF373I STEP/COPY   /START 2023086.1428
146 IEF032I STEP/COPY   /STOP  2023086.1428
147        CPU:    0 HR  00 MIN  00.00 SEC   SRB:     0 HR  00 MIN  00.00 SEC
148        VIRT:  192K SYS:  260K EXT:      4K SYS:   11340K
149        ATB- REAL:               1056K  SLOTS:                  0K
150           VIRT- ALLOC:      13M SHRD:       0M
151 IEF236I ALLOC. FOR SUMSBFEC ASMMAP MAPSET
152 IEF237I JES2 ALLOCATED TO SYSPRINT
153 IEF237I 0DDD ALLOCATED TO SYSLIB
154 IEF237I 1001 ALLOCATED TO
155 IGD101I SMS ALLOCATED TO DDNAME (SYSUT1  )
156        DSN (SYS23086.T142810.RA000.SUMSBFEC.R0181630    )
157        STORCLAS (TEMPSC) MGMTCLAS (        ) DATACLAS (        )
```

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158          VOL SER NOS= TEMP00
159 IGD101I SMS ALLOCATED TO DDNAME (SYSUT2  )
160          DSN (SYS23086.T142810.RA000.SUMSBFEC.R0181631    )
161          STORCLAS (TEMPSC) MGMTCLAS (        ) DATACLAS (        )
162          VOL SER NOS= TEMP00
163 IGD101I SMS ALLOCATED TO DDNAME (SYSUT3  )
164          DSN (SYS23086.T142810.RA000.SUMSBFEC.R0181632    )
165          STORCLAS (TEMPSC) MGMTCLAS (        ) DATACLAS (        )
166          VOL SER NOS= TEMP00
167 IGD101I SMS ALLOCATED TO DDNAME (SYSPUNCH)
168          DSN (SYS23086.T142810.RA000.SUMSBFEC.MAP.H01    )
169          STORCLAS (TEMPSC) MGMTCLAS (        ) DATACLAS (        )
170          VOL SER NOS= TEMP00
171 IGD103I SMS ALLOCATED TO DDNAME SYSIN
172 IEF142I SUMSBFEC ASMMAP MAPSET - STEP WAS EXECUTED - COND CODE 0004
173 IEF285I   KC03FEC.SUMSBFEC.JOB00517.D0000102.?        SYSOUT
174 IEF285I   DFH550.CICS.SDFHMAC                          KEPT
175 IEF285I   VOL SER NOS= VTDFHJ.
176 IEF285I   SYS1.MACLIB                                  KEPT
177 IEF285I   VOL SER NOS= VTMVSC.
178 IGD105I SYS23086.T142810.RA000.SUMSBFEC.R0181630    DELETED,   DDNAME=SYSUT1
179 IGD105I SYS23086.T142810.RA000.SUMSBFEC.R0181631    DELETED,   DDNAME=SYSUT2
180 IGD105I SYS23086.T142810.RA000.SUMSBFEC.R0181632    DELETED,   DDNAME=SYSUT3
181 IGD106I SYS23086.T142810.RA000.SUMSBFEC.MAP.H01     PASSED,    DDNAME=SYSPUNCH
182 IGD106I SYS23086.T142810.RA000.SUMSBFEC.TEMPM.H01   PASSED,    DDNAME=SYSIN
183 IEF373I STEP/ASMMAP  /START 2023086.1428
184 IEF032I STEP/ASMMAP  /STOP  2023086.1428
185          CPU:    0 HR  00 MIN  00.01 SEC   SRB:     0 HR  00 MIN  00.00 SEC
186          VIRT:  248K  SYS:   256K  EXT:    32768K  SYS:    11288K
187          ATB- REAL:                1092K  SLOTS:                  0K
188             VIRT- ALLOC:      20M SHRD:       0M
189 IEF236I ALLOC. FOR SUMSBFEC LINKMAP MAPSET
190 IEF237I JES2 ALLOCATED TO SYSPRINT
191 IGD103I SMS ALLOCATED TO DDNAME SYSLMOD
192 IGD101I SMS ALLOCATED TO DDNAME (SYSUT1  )
193          DSN (SYS23086.T142810.RA000.SUMSBFEC.R0181633    )
194          STORCLAS (TEMPSC) MGMTCLAS (        ) DATACLAS (        )
195          VOL SER NOS= TEMP00
196 IGD103I SMS ALLOCATED TO DDNAME SYSLIN
197 IEF142I SUMSBFEC LINKMAP MAPSET - STEP WAS EXECUTED - COND CODE 0000
198 IEF285I   KC03FEC.SUMSBFEC.JOB00517.D0000103.?        SYSOUT
199 IGD104I TSOECCC.CICSTS12.STUDENT.LOADLIB            RETAINED,  DDNAME=SYSLMOD
200 IGD105I SYS23086.T142810.RA000.SUMSBFEC.R0181633    DELETED,   DDNAME=SYSUT1
201 IGD105I SYS23086.T142810.RA000.SUMSBFEC.MAP.H01     DELETED,   DDNAME=SYSLIN
202 IEF373I STEP/LINKMAP /START 2023086.1428
203 IEF032I STEP/LINKMAP /STOP  2023086.1428
204          CPU:    0 HR  00 MIN  00.00 SEC   SRB:     0 HR  00 MIN  00.00 SEC
205          VIRT:   88K  SYS:   248K  EXT:     1640K  SYS:    11304K
206          ATB- REAL:                1092K  SLOTS:                  0K
207             VIRT- ALLOC:      19M SHRD:       0M
208 IEF236I ALLOC. FOR SUMSBFEC ASMDSECT MAPSET
209 IEF237I JES2 ALLOCATED TO SYSPRINT
210 IEF237I 0DDD ALLOCATED TO SYSLIB
211 IEF237I 1001 ALLOCATED TO
212 IGD101I SMS ALLOCATED TO DDNAME (SYSUT1  )
213          DSN (SYS23086.T142810.RA000.SUMSBFEC.R0181634    )
214          STORCLAS (TEMPSC) MGMTCLAS (        ) DATACLAS (        )
```

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215        VOL SER NOS= TEMP00
216 IGD101I SMS ALLOCATED TO DDNAME (SYSUT2  )
217        DSN (SYS23086.T142810.RA000.SUMSBFEC.R0181635    )
218        STORCLAS (TEMPSC) MGMTCLAS (        ) DATACLAS (        )
219        VOL SER NOS= TEMP00
220 IGD101I SMS ALLOCATED TO DDNAME (SYSUT3  )
221        DSN (SYS23086.T142810.RA000.SUMSBFEC.R0181636    )
222        STORCLAS (TEMPSC) MGMTCLAS (        ) DATACLAS (        )
223        VOL SER NOS= TEMP00
224 IGD103I SMS ALLOCATED TO DDNAME SYSPUNCH
225 IGD103I SMS ALLOCATED TO DDNAME SYSIN
226 IEF142I SUMSBFEC ASMDSECT MAPSET - STEP WAS EXECUTED - COND CODE 0004
227 IEF285I   KC03FEC.SUMSBFEC.JOB00517.D0000104.?        SYSOUT
228 IEF285I   DFH550.CICS.SDFHMAC                        KEPT
229 IEF285I   VOL SER NOS= VTDFHJ.
230 IEF285I   SYS1.MACLIB                               KEPT
231 IEF285I   VOL SER NOS= VTMVSC.
232 IGD105I SYS23086.T142810.RA000.SUMSBFEC.R0181634    DELETED,   DDNAME=SYSUT1
233 IGD105I SYS23086.T142810.RA000.SUMSBFEC.R0181635    DELETED,   DDNAME=SYSUT2
234 IGD105I SYS23086.T142810.RA000.SUMSBFEC.R0181636    DELETED,   DDNAME=SYSUT3
235 IGD104I KC03FEC.A5.COBOL                            RETAINED,  DDNAME=SYSPUNCH
236 IGD105I SYS23086.T142810.RA000.SUMSBFEC.TEMPM.H01   DELETED,   DDNAME=SYSIN
237 IEF373I STEP/ASMDSECT/START 2023086.1428
238 IEF032I STEP/ASMDSECT/STOP  2023086.1428
239        CPU:     0 HR  00 MIN  00.01 SEC   SRB:     0 HR  00 MIN  00.00 SEC
240        VIRT:  248K  SYS:   252K  EXT:    32768K  SYS:    11588K
241        ATB- REAL:               1104K  SLOTS:                   0K
242          VIRT- ALLOC:      22M SHRD:      0M
243 IEF375I  JOB/SUMSBFEC/START 2023086.1428
244 IEF033I  JOB/SUMSBFEC/STOP  2023086.1428
245        CPU:     0 HR  00 MIN  00.02 SEC   SRB:     0 HR  00 MIN  00.00 SEC
246 DATA SET UTILITY - GENERATE
   PAGE 0001
247
248 PROCESSING ENDED AT EOD
249
250                                         High Level Assembler Option Summary
   (PTF UI68060)   Page    1
251
   HLASM R6.0  2023/03/27 14.28
252  No Overriding ASMAOPT Parameters
253  Overriding Parameters-  SYSPARM(MAP),DECK,NOOBJECT
254  No Process Statements
255
256
257  Options for this Assembly
258                NOADATA
259                  ALIGN
260                NOASA
261                  BATCH
262                  CODEPAGE(047C)
263                NOCOMPAT
264                NODATAMAP
265                NODBCS
266 3 PARM/OPTION      DECK
267                  DXREF
268                  ESD
```

```
269                    NOEXIT
270                      FAIL(NOMSG,NOMNOTE,MAXERRS(500))
271                      FLAG
  (0,ALIGN,CONT,EXLITW,NOIMPLEN,NOLONGER,NOPAGE0,PUSH,RECORD,NOSIGNED,NOSUBSTR,NOTRUNC,USING0)
272                    NOFOLD
273                    NOGOFF
274                    NOINFO
275                      ILMA
276                      LANGUAGE(EN)
277                    NOLIBMAC
278                      LINECOUNT(60)
279                      LIST(121)
280                      MACHINE(,NOLIST)
281                      MXREF(SOURCE)
282 3 PARM/OPTION      NOOBJECT
283                      OPTABLE(UNI,NOLIST)
284                    NOPCONTROL
285                    NOPESTOP
286                    NOPROFILE
287                    NORA2
288                    NORENT
289                      RLD
290                      RXREF
291                      SECTALGN(8)
292                      SIZE(MAX)
293                    NOSUPRWARN
294 3 PARM/OPTION       SYSPARM(MAP)
295                    NOTERM
296                    NOTEST
297                      THREAD
298                    NOTRANSLATE
299                      TYPECHECK(MAGNITUDE,REGISTER)
300                      USING(NOLIMIT,MAP,WARN(15))
301                    NOWORKFILE
302                      XREF(SHORT,UNREFS)
303
304   No Overriding DD Names
305
306                                        External Symbol Dictionary
   Page    2
307 Symbol   Type   Id     Address   Length   Owner Id Flags Alias-of
   HLASM R6.0  2023/03/27 14.28
308 SUMSFECM  SD 00000001 00000000 000002E5          06
309
310
   Page    3
311   Active Usings: None
312   Loc  Object Code   Addr1 Addr2  Stmt   Source Statement
   HLASM R6.0  2023/03/27 14.28
313                                  1         PRINT NOGEN
314                                  2 SUMSFEC   DFHMSD TYPE=&SYSPARM,
  X
315                                              LANG=COBOL,
  X
316                                              MODE=OUT,
  X
317                                              TERM=3270-2,
```

```
   X
318                                           CTRL=FREEKB,
   X
319                                           STORAGE=AUTO,
   X
320 000000 E2E4D4E2C6C5C3D4                   TIOAPFX=YES
321                                     111
    ****************************************************************
322                                     112 SUMMFEC  DFHMDI SIZE=(24,80),
   X
323                                           LINE=1,
   X
324 00000C 004F                               COLUMN=1
325                                     248
    ****************************************************************
326                                     249       DFHMDF POS=(1,1),
   X
327                                           LENGTH=8,
   X
328                                           ATTRB=(NORM,PROT),
   X
329                                           COLOR=BLUE,
   X
330                                           INITIAL='SUMMFEC'
331 ** ASMA254I *** MNOTE ***          344+    4, COLOR PARAMETER IS INVALID IF MAPATTS(COLOR)
    OMITTED - IGNORED  02-DFHPR
332                                     355       DFHMDF POS=(1,20),
   X
333                                           LENGTH=15,
   X
334                                           ATTRB=(NORM,PROT),
   X
335                                           COLOR=GREEN,
   X
336                                           INITIAL='Invoice summary'
337 ** ASMA254I *** MNOTE ***          450+    4, COLOR PARAMETER IS INVALID IF MAPATTS(COLOR)
    OMITTED - IGNORED  02-DFHPR
338                                     461 TRANID   DFHMDF POS=(1,76),
   X
339                                           LENGTH=4,
   X
340                                           ATTRB=(NORM,PROT),
   X
341                                           COLOR=BLUE,
   X
342                                           INITIAL='SFEC'
343 ** ASMA254I *** MNOTE ***          556+    4, COLOR PARAMETER IS INVALID IF MAPATTS(COLOR)
    OMITTED - IGNORED  02-DFHPR
344                                     567
    ****************************************************************
345                                     568       DFHMDF POS=(3,1),
   X
346                                           LENGTH=29,
   X
347                                           ATTRB=(NORM,PROT),
   X
348                                           COLOR=WHITE,
```

```
      X
349                                         INITIAL='Press Enter to return to
   menu.'
350 ** ASMA254I *** MNOTE ***         663+    4, COLOR PARAMETER IS INVALID IF MAPATTS(COLOR)
   OMITTED - IGNORED  02-DFHPR
351                             674          DFHMDF POS=(5,1),
      X
352                                         LENGTH=29,
      X
353                                         ATTRB=(NORM,PROT),
      X
354                                         COLOR=GREEN,
      X
355                                         INITIAL='Invoices in file. . . . . .
   :'
356 ** ASMA254I *** MNOTE ***         769+    4, COLOR PARAMETER IS INVALID IF MAPATTS(COLOR)
   OMITTED - IGNORED  02-DFHPR
357                             780 COUNT    DFHMDF POS=(5,31),
      X
358                                         LENGTH=6,
      X
359                                         ATTRB=(NORM,PROT),
      X
360                                         COLOR=TURQUOISE,
      X
361                                         PICOUT='ZZ,ZZ9'
362 ** ASMA254I *** MNOTE ***         876+    4, COLOR PARAMETER IS INVALID IF MAPATTS(COLOR)
   OMITTED - IGNORED  02-DFHPR
363                             886          DFHMDF POS=(6,1),
      X
364                                         LENGTH=29,
      X
365                                         ATTRB=(NORM,PROT),
      X
366                                         COLOR=GREEN,
      X
367                                         INITIAL='First invoice number. . . .
   :'
368
   Page    4
369  Active Usings: None
370  Loc  Object Code    Addr1 Addr2  Stmt   Source Statement
   HLASM R6.0  2023/03/27 14.28
371 ** ASMA254I *** MNOTE ***         981+    4, COLOR PARAMETER IS INVALID IF MAPATTS(COLOR)
   OMITTED - IGNORED  02-DFHPR
372                             992 FIRST    DFHMDF POS=(6,31),
      X
373                                         LENGTH=6,
      X
374                                         COLOR=TURQUOISE,
      X
375                                         ATTRB=(NORM,PROT),
      X
376                                         PICOUT='999999'
377 ** ASMA254I *** MNOTE ***        1088+    4, COLOR PARAMETER IS INVALID IF MAPATTS(COLOR)
   OMITTED - IGNORED  02-DFHPR
378                            1098          DFHMDF POS=(7,1),
```

```
    X
379                                         LENGTH=29,
    X
380                                         ATTRB=(NORM,PROT),
    X
381                                         COLOR=GREEN,
    X
382                                         INITIAL='Last invoice number . . . .
    :'
383 ** ASMA254I *** MNOTE ***      1193+    4, COLOR PARAMETER IS INVALID IF MAPATTS(COLOR)
    OMITTED - IGNORED  02-DFHPR
384                                1204 LAST    DFHMDF POS=(7,31),
    X
385                                         LENGTH=6,
    X
386                                         COLOR=TURQUOISE,
    X
387                                         ATTRB=(NORM,PROT),
    X
388                                         PICOUT='999999'
389 ** ASMA254I *** MNOTE ***      1300+    4, COLOR PARAMETER IS INVALID IF MAPATTS(COLOR)
    OMITTED - IGNORED  02-DFHPR
390                                1310      DFHMDF POS=(9,1),
    X
391                                         LENGTH=29,
    X
392                                         ATTRB=(NORM,PROT),
    X
393                                         COLOR=GREEN,
    X
394                                         INITIAL='Total value of invoices . .
    :'
395 ** ASMA254I *** MNOTE ***      1405+    4, COLOR PARAMETER IS INVALID IF MAPATTS(COLOR)
    OMITTED - IGNORED  02-DFHPR
396                                1416 TOTAL   DFHMDF POS=(9,31),
    X
397                                         LENGTH=13,
    X
398                                         COLOR=TURQUOISE,
    X
399                                         ATTRB=(NORM,PROT),
    X
400                                         PICOUT='$$,$$$,$$9.99'
401 ** ASMA254I *** MNOTE ***      1510+    0,SPECIFIED LENGTH IS 13 AND IS EQUAL TO
    CALCULATED OUTPUT LENGTH. 02-DFHBM
402 ** ASMA254I *** MNOTE ***      1511+    0,COBOL CURRENCY SIGN $ IS ASSUMED TO BE
    REPLACED BY A CURRENCY STX02-DFHBM
403                                   +         RING CONTAINING A SINGLE CHARACTER.
404 ** ASMA254I *** MNOTE ***      1514+    4, COLOR PARAMETER IS INVALID IF MAPATTS(COLOR)
    OMITTED - IGNORED  02-DFHPR
405                                1524
    **************************************************************
406                                1525 MESSAGE  DFHMDF POS=(23,1),
    X
407                                         LENGTH=79,
    X
408                                         ATTRB=(BRT,PROT),
```

```
       X
409                                                 COLOR=YELLOW
410 ** ASMA254I *** MNOTE ***        1620+     4, COLOR PARAMETER IS INVALID IF MAPATTS(COLOR)
    OMITTED - IGNORED  02-DFHPR
411                                  1630        DFHMDF POS=(24,1),
       X
412                                                 LENGTH=19,
       X
413                                                 ATTRB=(NORM,PROT),
       X
414                                                 COLOR=BLUE,
       X
415                                                 INITIAL='F3=Exit  F12=Cancel'
416 ** ASMA254I *** MNOTE ***        1725+     4, COLOR PARAMETER IS INVALID IF MAPATTS(COLOR)
    OMITTED - IGNORED  02-DFHPR
417                                  1736 DUMMY    DFHMDF POS=(24,79),
       X
418                                                 LENGTH=1,
       X
419                                                 ATTRB=(DRK,PROT,FSET),
       X
420 00018A 0000                                     INITIAL=' '
421                                  1840
    **********************************************************************
422 000193 FFFF                      1841        DFHMSD TYPE=FINAL
423                                  2199        END
424
425                           Ordinary Symbol and Literal Cross Reference
    Page    5
426 Symbol    Length   Value     Id    R Type Asm  Program    Defn References
    HLASM R6.0  2023/03/27 14.28
427 DFHK1       1 0000004F 00000001 A   U                 245  207
428 DFHL1       1 0000000C 00000001     U                 206  245   2034   2102
429 DFHM1       1 000002D5 00000001 A   U                2102  212
430 DFHN1       1 0000008F 00000001 A   U                2027  214
431 DFHP1       1 0000019B 00000001 A   U                2028  215
432 DFHQ1       1 00000000 00000001 A   U                2029  218
433 DFHR1       1 000002E1 00000001     U                2100 2101   2102
434 DFHS1       1 00000096 00000001 A   U                2026  213
435 DFHT1       1 00000010 00000001 A   U                2031  224
436 DFHU0       1 00000000 00000001 A   U                2103  106
437 DFHXX1      1 00000195 00000001     U                2033 2034   2101
438 DFHX1       1 00000189 00000001 A   U                2034  231
439 DFHY1       1 0000014C 00000001 A   U                2101 2035
440 DFHZ1       1 00000000 00000001 A   U                2030  228
441 SUMSFECM    1 00000000 00000001     J                 101  102    103
442
443                            Unreferenced Symbols Defined in CSECTs
    Page    6
444   Defn  Symbol
    HLASM R6.0  2023/03/27 14.28
445    878  COUNT
446   1831  DUMMY
447   1090  FIRST
448   1302  LAST
449   1622  MESSAGE
450    104  MSD0001
```

451   205 SUMMFEC
452 1516 TOTAL
453   558 TRANID
454
455   Macro and Copy Code Source Summary
    Page   7
456 Con Source   Volume   Members
    HLASM R6.0 2023/03/27 14.28
457 L1 DFH550.CICS.SDFHMAC   VTDFHJ   DFHANRAT DFHANRWC DFHBMPIC
    DFHCOPYR DFHGDEFS DFHMDF
458   DFHMDI   DFHMSD   DFHPRMCK
    DFHSYS
459
460   General Purpose Register Cross Reference
    Page   8
461 Register References (M=modified, B=branch, U=USING, D=DROP, N=index)
    HLASM R6.0 2023/03/27 14.28
462   0(0)   (no references identified)
463   1(1)   (no references identified)
464   2(2)   (no references identified)
465   3(3)   (no references identified)
466   4(4)   (no references identified)
467   5(5)   (no references identified)
468   6(6)   (no references identified)
469   7(7)   (no references identified)
470   8(8)   (no references identified)
471   9(9)   (no references identified)
472   10(A)   (no references identified)
473   11(B)   (no references identified)
474   12(C)   (no references identified)
475   13(D)   (no references identified)
476   14(E)   (no references identified)
477   15(F)   (no references identified)
478
479   Diagnostic Cross Reference and Assembler Summary
    Page   9
480
    HLASM R6.0 2023/03/27 14.28
481 Statements Flagged
482   344(L1:DFHPRMCK,516), 450(L1:DFHPRMCK,516), 556(L1:DFHPRMCK,516), 663(L1:DFHPRMCK,516),
    769(L1:DFHPRMCK,516),
483   876(L1:DFHPRMCK,516), 981(L1:DFHPRMCK,516), 1088(L1:DFHPRMCK,516), 1193(L1:DFHPRMCK,516),
    1300(L1:DFHPRMCK,516),
484   1405(L1:DFHPRMCK,516), 1510(L1:DFHBMPIC,757), 1511(L1:DFHBMPIC,759), 1514
    (L1:DFHPRMCK,516), 1620(L1:DFHPRMCK,516),
485   1725(L1:DFHPRMCK,516)
486
487   16 Statements Flagged in this Assembly   4 was Highest Severity Code
488 HIGH LEVEL ASSEMBLER, 5696-234, RELEASE 6.0, PTF UI68060
489 SYSTEM: z/OS 02.04.00   JOBNAME: SUMSBFEC   STEPNAME: MAPSET   PROCSTEP: ASMMAP
490 Unicode Module: ASMA047C   From Page   1148   To Page   17584   ECECP:
    International 1
491 Data Sets Allocated for this Assembly
492 Con DDname   Data Set Name   Volume   Member
493 P1 SYSIN   SYS23086.T142810.RA000.SUMSBFEC.TEMPM.H01   TEMP00
494 L1 SYSLIB   DFH550.CICS.SDFHMAC   VTDFHJ
495 L2   SYS1.MACLIB   VTMVSC

```
496     SYSPRINT KC03FEC.SUMSBFEC.JOB00517.D0000102.?
497     SYSPUNCH SYS23086.T142810.RA000.SUMSBFEC.MAP.H01     TEMP00
498
499   26880K allocated to Buffer Pool     Storage required   1012K
500     91 Primary Input Records Read       7696 Library Records Read            0 Work
   File Reads
501      0 ASMAOPT Records Read            256 Primary Print Records Written        0 Work
   File Writes
502     16 Object Records Written           0 ADATA Records Written
503 Assembly Start Time: 14.28.29 Stop Time: 14.28.29 Processor Time: 00.00.00.0072
504 Return Code 004
505
506                                         High Level Assembler Option Summary
   (PTF UI68060)   Page    1
507
   HLASM R6.0  2023/03/27 14.28
508  No Overriding ASMAOPT Parameters
509  Overriding Parameters-  SYSPARM(MAP),DECK,NOOBJECT
510  No Process Statements
511
512
513  Options for this Assembly
514               NOADATA
515                 ALIGN
516               NOASA
517                 BATCH
518                 CODEPAGE(047C)
519               NOCOMPAT
520               NODATAMAP
521               NODBCS
522 3 PARM/OPTION    DECK
523                 DXREF
524                 ESD
525               NOEXIT
526                 FAIL(NOMSG,NOMNOTE,MAXERRS(500))
527                 FLAG
   (0,ALIGN,CONT,EXLITW,NOIMPLEN,NOLONGER,NOPAGE0,PUSH,RECORD,NOSIGNED,NOSUBSTR,NOTRUNC,USING0)
528               NOFOLD
529               NOGOFF
530               NOINFO
531                 ILMA
532                 LANGUAGE(EN)
533               NOLIBMAC
534                 LINECOUNT(60)
535                 LIST(121)
536                 MACHINE(,NOLIST)
537                 MXREF(SOURCE)
538 3 PARM/OPTION  NOOBJECT
539                 OPTABLE(UNI,NOLIST)
540               NOPCONTROL
541               NOPESTOP
542               NOPROFILE
543               NORA2
544               NORENT
545                 RLD
546                 RXREF
547                 SECTALGN(8)
```

```
548                    SIZE(MAX)
549                  NOSUPRWARN
550 3 PARM/OPTION      SYSPARM(MAP)
551                  NOTERM
552                  NOTEST
553                    THREAD
554                  NOTRANSLATE
555                    TYPECHECK(MAGNITUDE,REGISTER)
556                    USING(NOLIMIT,MAP,WARN(15))
557                  NOWORKFILE
558                    XREF(SHORT,UNREFS)
559
560   No Overriding DD Names
561
562
    Page    2
563  Active Usings: None
564  Loc  Object Code    Addr1 Addr2  Stmt   Source Statement
    HLASM R6.0  2023/03/27 14.28
565 ** ASMA140W END record missing
566 ** ASMA435I Record 92 in SYS23086.T142810.RA000.SUMSBFEC.TEMPM.H01 on volume: TEMP00
567
568                                     General Purpose Register Cross Reference
    Page    3
569  Register  References (M=modified, B=branch, U=USING, D=DROP, N=index)
    HLASM R6.0  2023/03/27 14.28
570    0(0)    (no references identified)
571    1(1)    (no references identified)
572    2(2)    (no references identified)
573    3(3)    (no references identified)
574    4(4)    (no references identified)
575    5(5)    (no references identified)
576    6(6)    (no references identified)
577    7(7)    (no references identified)
578    8(8)    (no references identified)
579    9(9)    (no references identified)
580   10(A)    (no references identified)
581   11(B)    (no references identified)
582   12(C)    (no references identified)
583   13(D)    (no references identified)
584   14(E)    (no references identified)
585   15(F)    (no references identified)
586
587                                     Diagnostic Cross Reference and Assembler Summary
    Page    4
588
    HLASM R6.0  2023/03/27 14.28
589 Statements Flagged
590    2(P1,92)
591
592      1 Statement  Flagged in this Assembly      4 was Highest Severity Code
593 HIGH LEVEL ASSEMBLER, 5696-234, RELEASE 6.0, PTF UI68060
594 SYSTEM: z/OS 02.04.00              JOBNAME: SUMSBFEC   STEPNAME: MAPSET    PROCSTEP: ASMMAP
595 Unicode Module:   ASMA047C   From Page    1148  To Page    17584           ECECP:
    International 1
596 Data Sets Allocated for this Assembly
597  Con DDname   Data Set Name                                  Volume  Member
```

```
598  P1 SYSIN     SYS23086.T142810.RA000.SUMSBFEC.TEMPM.H01     TEMP00
599  L1 SYSLIB    DFH550.CICS.SDFHMAC                           VTDFHJ
600  L2           SYS1.MACLIB                                   VTMVSC
601     SYSPRINT KC03FEC.SUMSBFEC.JOB00517.D0000102.?
602     SYSPUNCH SYS23086.T142810.RA000.SUMSBFEC.MAP.H01        TEMP00
603
604  26880K allocated to Buffer Pool      Storage required    1012K
605      1 Primary Input Records Read           0 Library Records Read              0 Work
   File Reads
606      0 ASMAOPT Records Read             105 Primary Print Records Written       0 Work
   File Writes
607      0 Object Records Written             0 ADATA Records Written
608 Assembly Start Time: 14.28.29 Stop Time: 14.28.29 Processor Time: 00.00.00.0001
609 Return Code 004
610
611      2 Batch Assemblies Processed. Highest Return Code 004
612 z/OS V2 R4 BINDER      14:28:29 MONDAY MARCH 27, 2023
613 BATCH EMULATOR  JOB(SUMSBFEC) STEP(MAPSET ) PGM= IEWL      PROCEDURE(LINKMAP )
614 IEW2278I B352 INVOCATION PARAMETERS - LIST,LET,XREF,RMODE(24)
615 IEW2650I 5102 MODULE ENTRY NOT PROVIDED.  ENTRY DEFAULTS TO SECTION SUMSFECM.
616
617
618                                      C R O S S - R E F E R E N C E   T A B L E
619                                      _____
620
621 TEXT CLASS = B_TEXT
622
623 --------------- R E F E R E N C E  ------------------------  T A R G E T
   ---------------------------------------------
624  CLASS                            ELEMENT        |
   ELEMENT                    |
625  OFFSET SECT/PART(ABBREV)          OFFSET  TYPE | SYMBOL(ABBREV)   SECTION (ABBREV)
   OFFSET CLASS NAME        |
626                                                 |
   |
627 ***  NO ADDRESS CONSTANTS FOR THIS CLASS    ***
628                                      *** E N D  O F  C R O S S  R E F E R E N C E ***
629
630
631
632                           *** O P E R A T I O N   S U M M A R Y   R E P O R T ***
633
634 PROCESSING OPTIONS:
635
636    ALIASES          NO
637    ALIGN2           NO
638    AMODE            UNSPECIFIED
639    CALL             YES
640    CASE             UPPER
641    COMPAT           UNSPECIFIED
642    COMPRESS         AUTO
643    DCBS             NO
644    DYNAM            NO
645    EXTATTR          UNSPECIFIED
646    EXITS:           NONE
647    FILL             NONE
648    GID              UNSPECIFIED
```

```
649   HOBSET            NO
650   INFO              NO
651   LET               08
652   LINECT            060
653   LIST              SUMMARY
654   LISTPRIV          NO
655   LONGPARM          NO
656   MAP               NO
657   MAXBLK            032760
658   MODMAP            NO
659   MSGLEVEL          00
660   OVLY              NO
661   PRINT             YES
662   RES               NO
663   REUSABILITY       UNSPECIFIED
664   RMODE              24,INITIAL
665   RMODEX            NO
666   SIGN              NO
667   STORENX           NOREPLACE
668   STRIPCL           NO
669   STRIPSEC          NO
670   SYMTRACE
671   TERM              NO
672   TRAP              ON
673   UID               UNSPECIFIED
674   UPCASE            NO
675   WKSPACE           000000K,000000K
676   XCAL              NO
677   XREF              YES
678   ***END OF OPTIONS***
679
680
681
682
683 SAVE OPERATION SUMMARY:
684
685   MEMBER NAME       SUMSFEC
686   LOAD LIBRARY      TSOECCC.CICSTS12.STUDENT.LOADLIB
687   PROGRAM TYPE      PROGRAM OBJECT(FORMAT 2)
688   VOLUME SERIAL     KCTR12
689   DISPOSITION       REPLACED
690   TIME OF SAVE      14.28.30  MAR 27, 2023
691
692
693 SAVE MODULE ATTRIBUTES:
694
695   AC                000
696   AMODE              31
697   COMPRESSION       NONE
698   DC                NO
699   EDITABLE          YES
700   EXCEEDS 16MB      NO
701   EXECUTABLE        YES
702   LONGPARM          NO
703   MIGRATABLE        YES
704   OL                NO
705   OVLY              NO
```

```
706    PACK,PRIME          NO,NO
707    PAGE ALIGN          NO
708    REFR                NO
709    RENT                NO
710    REUS                NO
711    RMODE                24
712    SCTR                NO
713    SIGN                NO
714    SSI
715    SYM GENERATED       NO
716    TEST                NO
717    XPLINK              NO
718    MODULE SIZE (HEX)   000002E8
719    DASD SIZE (HEX)     00001000
720
721
722 ENTRY POINT AND ALIAS SUMMARY:
723
724 NAME:              ENTRY TYPE AMODE C_OFFSET CLASS NAME        STATUS
725
726 SUMSFECM           MAIN_EP     31 00000000 B_TEXT
727
728                    *** 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
   ***
729
730
731
732
733 z/OS V2 R4 BINDER      14:28:29 MONDAY MARCH 27, 2023
734 BATCH EMULATOR  JOB(SUMSBFEC) STEP(MAPSET ) PGM= IEWL      PROCEDURE(LINKMAP )
735 IEW2008I 0F03 PROCESSING COMPLETED.  RETURN CODE =  0.
736
737
738
739 ----------------------
740 MESSAGE SUMMARY REPORT
741 ----------------------
742  TERMINAL MESSAGES      (SEVERITY = 16)
743  NONE
744
745  SEVERE MESSAGES        (SEVERITY = 12)
746  NONE
747
748  ERROR MESSAGES         (SEVERITY = 08)
749  NONE
750
751  WARNING MESSAGES       (SEVERITY = 04)
752  NONE
753
754  INFORMATIONAL MESSAGES (SEVERITY = 00)
755  2008  2278  2650
756
757
758 **** END OF MESSAGE SUMMARY REPORT ****
759
760
761                                       High Level Assembler Option Summary
```

```
   (PTF UI68060)    Page     1
762
   HLASM R6.0  2023/03/27 14.28
763  No Overriding ASMAOPT Parameters
764  Overriding Parameters-  SYSPARM(DSECT),DECK,NOOBJECT
765  No Process Statements
766
767
768  Options for this Assembly
769                     NOADATA
770                       ALIGN
771                     NOASA
772                       BATCH
773                       CODEPAGE(047C)
774                     NOCOMPAT
775                     NODATAMAP
776                     NODBCS
777 3 PARM/OPTION       DECK
778                       DXREF
779                       ESD
780                     NOEXIT
781                       FAIL(NOMSG,NOMNOTE,MAXERRS(500))
782                       FLAG
  (0,ALIGN,CONT,EXLITW,NOIMPLEN,NOLONGER,NOPAGE0,PUSH,RECORD,NOSIGNED,NOSUBSTR,NOTRUNC,USING0)
783                     NOFOLD
784                     NOGOFF
785                     NOINFO
786                       ILMA
787                       LANGUAGE(EN)
788                     NOLIBMAC
789                       LINECOUNT(60)
790                       LIST(121)
791                       MACHINE(,NOLIST)
792                       MXREF(SOURCE)
793 3 PARM/OPTION       NOOBJECT
794                       OPTABLE(UNI,NOLIST)
795                     NOPCONTROL
796                     NOPESTOP
797                     NOPROFILE
798                     NORA2
799                     NORENT
800                       RLD
801                       RXREF
802                       SECTALGN(8)
803                       SIZE(MAX)
804                     NOSUPRWARN
805 3 PARM/OPTION        SYSPARM(DSECT)
806                     NOTERM
807                     NOTEST
808                       THREAD
809                     NOTRANSLATE
810                       TYPECHECK(MAGNITUDE,REGISTER)
811                       USING(NOLIMIT,MAP,WARN(15))
812                     NOWORKFILE
813                       XREF(SHORT,UNREFS)
814
815  No Overriding DD Names
```

```
816
817
   Page    2
818  Active Usings: None
819  Loc  Object Code    Addr1 Addr2  Stmt   Source Statement
   HLASM R6.0  2023/03/27 14.28
820                                        1        PRINT NOGEN
821                                        2 SUMSFEC   DFHMSD TYPE=&SYSPARM,
   X
822                                                   LANG=COBOL,
   X
823                                                   MODE=OUT,
   X
824                                                   TERM=3270-2,
   X
825                                                   CTRL=FREEKB,
   X
826                                                   STORAGE=AUTO,
   X
827                                                   TIOAPFX=YES
828                                      100
   ****************************************************************
829                                      101 SUMMFEC   DFHMDI SIZE=(24,80),
   X
830                                                   LINE=1,
   X
831                                                   COLUMN=1
832                                      195
   ****************************************************************
833                                      196        DFHMDF POS=(1,1),
   X
834                                                   LENGTH=8,
   X
835                                                   ATTRB=(NORM,PROT),
   X
836                                                   COLOR=BLUE,
   X
837                                                   INITIAL='SUMMFEC'
838 ** ASMA254I *** MNOTE ***          291+    4, COLOR PARAMETER IS INVALID IF MAPATTS(COLOR)
   OMITTED - IGNORED  02-DFHPR
839                                      292        DFHMDF POS=(1,20),
   X
840                                                   LENGTH=15,
   X
841                                                   ATTRB=(NORM,PROT),
   X
842                                                   COLOR=GREEN,
   X
843                                                   INITIAL='Invoice summary'
844 ** ASMA254I *** MNOTE ***          387+    4, COLOR PARAMETER IS INVALID IF MAPATTS(COLOR)
   OMITTED - IGNORED  02-DFHPR
845                                      388 TRANID    DFHMDF POS=(1,76),
   X
846                                                   LENGTH=4,
   X
847                                                   ATTRB=(NORM,PROT),
   X
```

```
848                                          COLOR=BLUE,
   X
849                                          INITIAL='SFEC'
850 ** ASMA254I *** MNOTE ***        483+    4, COLOR PARAMETER IS INVALID IF MAPATTS(COLOR)
   OMITTED - IGNORED  02-DFHPR
851                              487
   ************************************************************************
852                              488         DFHMDF POS=(3,1),
   X
853                                          LENGTH=29,
   X
854                                          ATTRB=(NORM,PROT),
   X
855                                          COLOR=WHITE,
   X
856                                          INITIAL='Press Enter to return to
   menu.'
857 ** ASMA254I *** MNOTE ***        583+    4, COLOR PARAMETER IS INVALID IF MAPATTS(COLOR)
   OMITTED - IGNORED  02-DFHPR
858                              584         DFHMDF POS=(5,1),
   X
859                                          LENGTH=29,
   X
860                                          ATTRB=(NORM,PROT),
   X
861                                          COLOR=GREEN,
   X
862                                          INITIAL='Invoices in file. . . . . .
   :'
863 ** ASMA254I *** MNOTE ***        679+    4, COLOR PARAMETER IS INVALID IF MAPATTS(COLOR)
   OMITTED - IGNORED  02-DFHPR
864                              680 COUNT   DFHMDF POS=(5,31),
   X
865                                          LENGTH=6,
   X
866                                          ATTRB=(NORM,PROT),
   X
867                                          COLOR=TURQUOISE,
   X
868                                          PICOUT='ZZ,ZZ9'
869 ** ASMA254I *** MNOTE ***        776+    4, COLOR PARAMETER IS INVALID IF MAPATTS(COLOR)
   OMITTED - IGNORED  02-DFHPR
870                              780         DFHMDF POS=(6,1),
   X
871                                          LENGTH=29,
   X
872                                          ATTRB=(NORM,PROT),
   X
873                                          COLOR=GREEN,
   X
874                                          INITIAL='First invoice number. . . .
   :'
875
   Page    3
876  Active Usings: None
877  Loc  Object Code    Addr1 Addr2  Stmt   Source Statement
   HLASM R6.0  2023/03/27 14.28
```

```
878 ** ASMA254I *** MNOTE ***        875+     4, COLOR PARAMETER IS INVALID IF MAPATTS(COLOR)
    OMITTED - IGNORED  02-DFHPR
879                                   876 FIRST    DFHMDF POS=(6,31),
    X
880                                            LENGTH=6,
    X
881                                            COLOR=TURQUOISE,
    X
882                                            ATTRB=(NORM,PROT),
    X
883                                            PICOUT='999999'
884 ** ASMA254I *** MNOTE ***        972+     4, COLOR PARAMETER IS INVALID IF MAPATTS(COLOR)
    OMITTED - IGNORED  02-DFHPR
885                                   976         DFHMDF POS=(7,1),
    X
886                                            LENGTH=29,
    X
887                                            ATTRB=(NORM,PROT),
    X
888                                            COLOR=GREEN,
    X
889                                            INITIAL='Last invoice number . . . .
    :'
890 ** ASMA254I *** MNOTE ***        1071+     4, COLOR PARAMETER IS INVALID IF MAPATTS(COLOR)
    OMITTED - IGNORED  02-DFHPR
891                                   1072 LAST    DFHMDF POS=(7,31),
    X
892                                            LENGTH=6,
    X
893                                            COLOR=TURQUOISE,
    X
894                                            ATTRB=(NORM,PROT),
    X
895                                            PICOUT='999999'
896 ** ASMA254I *** MNOTE ***        1168+     4, COLOR PARAMETER IS INVALID IF MAPATTS(COLOR)
    OMITTED - IGNORED  02-DFHPR
897                                   1172        DFHMDF POS=(9,1),
    X
898                                            LENGTH=29,
    X
899                                            ATTRB=(NORM,PROT),
    X
900                                            COLOR=GREEN,
    X
901                                            INITIAL='Total value of invoices . .
    :'
902 ** ASMA254I *** MNOTE ***        1267+     4, COLOR PARAMETER IS INVALID IF MAPATTS(COLOR)
    OMITTED - IGNORED  02-DFHPR
903                                   1268 TOTAL    DFHMDF POS=(9,31),
    X
904                                            LENGTH=13,
    X
905                                            COLOR=TURQUOISE,
    X
906                                            ATTRB=(NORM,PROT),
    X
907                                            PICOUT='$$,$$$,$$9.99'
```

```
908 ** ASMA254I *** MNOTE ***        1362+     0,SPECIFIED LENGTH IS 13 AND IS EQUAL TO
    CALCULATED OUTPUT LENGTH. 02-DFHBM
909 ** ASMA254I *** MNOTE ***        1363+     0,COBOL CURRENCY SIGN $ IS ASSUMED TO BE
    REPLACED BY A CURRENCY STX02-DFHBM
910                                      +              RING CONTAINING A SINGLE CHARACTER.
911 ** ASMA254I *** MNOTE ***        1366+     4, COLOR PARAMETER IS INVALID IF MAPATTS(COLOR)
    OMITTED - IGNORED  02-DFHPR
912                                  1370
    ****************************************************************
913                                  1371 MESSAGE  DFHMDF POS=(23,1),
    X
914                                                  LENGTH=79,
    X
915                                                  ATTRB=(BRT,PROT),
    X
916                                                  COLOR=YELLOW
917 ** ASMA254I *** MNOTE ***        1466+     4, COLOR PARAMETER IS INVALID IF MAPATTS(COLOR)
    OMITTED - IGNORED  02-DFHPR
918                                  1470         DFHMDF POS=(24,1),
    X
919                                                  LENGTH=19,
    X
920                                                  ATTRB=(NORM,PROT),
    X
921                                                  COLOR=BLUE,
    X
922                                                  INITIAL='F3=Exit  F12=Cancel'
923 ** ASMA254I *** MNOTE ***        1565+     4, COLOR PARAMETER IS INVALID IF MAPATTS(COLOR)
    OMITTED - IGNORED  02-DFHPR
924                                  1566 DUMMY   DFHMDF POS=(24,79),
    X
925                                                  LENGTH=1,
    X
926                                                  ATTRB=(DRK,PROT,FSET),
    X
927                                                  INITIAL=' '
928                                  1663
    ****************************************************************
929                                  1664         DFHMSD TYPE=FINAL
930                                  1940         END
931
932                                      Macro and Copy Code Source Summary
    Page    4
933 Con Source                               Volume    Members
    HLASM R6.0  2023/03/27 14.28
934   L1 DFH550.CICS.SDFHMAC                 VTDFHJ    DFHANRAT DFHANRWC DFHBMPIC
    DFHCOPYR DFHGDEFS DFHMDF
935                                                    DFHMDI   DFHMSD   DFHPRMCK
    DFHSYS
936
937                                      General Purpose Register Cross Reference
    Page    5
938 Register  References (M=modified, B=branch, U=USING, D=DROP, N=index)
    HLASM R6.0  2023/03/27 14.28
939    0(0)   (no references identified)
940    1(1)   (no references identified)
941    2(2)   (no references identified)
```

942   3(3)   (no references identified)
943   4(4)   (no references identified)
944   5(5)   (no references identified)
945   6(6)   (no references identified)
946   7(7)   (no references identified)
947   8(8)   (no references identified)
948   9(9)   (no references identified)
949   10(A)   (no references identified)
950   11(B)   (no references identified)
951   12(C)   (no references identified)
952   13(D)   (no references identified)
953   14(E)   (no references identified)
954   15(F)   (no references identified)
955
956   Diagnostic Cross Reference and Assembler Summary
   Page   6
957
   HLASM R6.0 2023/03/27 14.28
958 Statements Flagged
959   291(L1:DFHPRMCK,516), 387(L1:DFHPRMCK,516), 483(L1:DFHPRMCK,516), 583(L1:DFHPRMCK,516),
   679(L1:DFHPRMCK,516),
960   776(L1:DFHPRMCK,516), 875(L1:DFHPRMCK,516), 972(L1:DFHPRMCK,516), 1071(L1:DFHPRMCK,516),
   1168(L1:DFHPRMCK,516),
961   1267(L1:DFHPRMCK,516), 1362(L1:DFHBMPIC,757), 1363(L1:DFHBMPIC,759), 1366
   (L1:DFHPRMCK,516), 1466(L1:DFHPRMCK,516),
962   1565(L1:DFHPRMCK,516)
963
964   16 Statements Flagged in this Assembly   4 was Highest Severity Code
965 HIGH LEVEL ASSEMBLER, 5696-234, RELEASE 6.0, PTF UI68060
966 SYSTEM: z/OS 02.04.00   JOBNAME: SUMSBFEC   STEPNAME: MAPSET   PROCSTEP:
   ASMDSECT
967 Unicode Module: ASMA047C   From Page   1148   To Page   17584   ECECP:
   International 1
968 Data Sets Allocated for this Assembly
969 Con DDname   Data Set Name   Volume   Member
970 P1 SYSIN   SYS23086.T142810.RA000.SUMSBFEC.TEMPM.H01   TEMP00
971 L1 SYSLIB   DFH550.CICS.SDFHMAC   VTDFHJ
972 L2   SYS1.MACLIB   VTMVSC
973   SYSPRINT KC03FEC.SUMSBFEC.JOB00517.D0000104.?
974   SYSPUNCH KC03FEC.A5.COBOL   KCTR12 SUMSFEC
975
976   26852K allocated to Buffer Pool   Storage required   1008K
977   91 Primary Input Records Read   7696 Library Records Read   0 Work
   File Reads
978   0 ASMAOPT Records Read   222 Primary Print Records Written   0 Work
   File Writes
979   23 Object Records Written   0 ADATA Records Written
980 Assembly Start Time: 14.28.30 Stop Time: 14.28.30 Processor Time: 00.00.00.0069
981 Return Code 004
982
983   High Level Assembler Option Summary
   (PTF UI68060)   Page   1
984
   HLASM R6.0 2023/03/27 14.28
985 No Overriding ASMAOPT Parameters
986 Overriding Parameters- SYSPARM(DSECT),DECK,NOOBJECT
987 No Process Statements

```
 988
 989
 990   Options for this Assembly
 991                     NOADATA
 992                       ALIGN
 993                     NOASA
 994                       BATCH
 995                       CODEPAGE(047C)
 996                     NOCOMPAT
 997                     NODATAMAP
 998                     NODBCS
 999 3 PARM/OPTION        DECK
1000                       DXREF
1001                       ESD
1002                     NOEXIT
1003                       FAIL(NOMSG,NOMNOTE,MAXERRS(500))
1004                       FLAG
  (0,ALIGN,CONT,EXLITW,NOIMPLEN,NOLONGER,NOPAGE0,PUSH,RECORD,NOSIGNED,NOSUBSTR,NOTRUNC,USING0)
1005                     NOFOLD
1006                     NOGOFF
1007                     NOINFO
1008                       ILMA
1009                       LANGUAGE(EN)
1010                     NOLIBMAC
1011                       LINECOUNT(60)
1012                       LIST(121)
1013                       MACHINE(,NOLIST)
1014                       MXREF(SOURCE)
1015 3 PARM/OPTION      NOOBJECT
1016                       OPTABLE(UNI,NOLIST)
1017                     NOPCONTROL
1018                     NOPESTOP
1019                     NOPROFILE
1020                     NORA2
1021                     NORENT
1022                       RLD
1023                       RXREF
1024                       SECTALGN(8)
1025                       SIZE(MAX)
1026                     NOSUPRWARN
1027 3 PARM/OPTION        SYSPARM(DSECT)
1028                     NOTERM
1029                     NOTEST
1030                       THREAD
1031                     NOTRANSLATE
1032                       TYPECHECK(MAGNITUDE,REGISTER)
1033                       USING(NOLIMIT,MAP,WARN(15))
1034                     NOWORKFILE
1035                       XREF(SHORT,UNREFS)
1036
1037   No Overriding DD Names
1038
1039
    Page    2
1040   Active Usings: None
1041   Loc  Object Code    Addr1 Addr2  Stmt   Source Statement
    HLASM R6.0  2023/03/27 14.28
```

```
1042 ** ASMA140W END record missing
1043 ** ASMA435I Record 92 in SYS23086.T142810.RA000.SUMSBFEC.TEMPM.H01 on volume: TEMP00
1044
1045                                       General Purpose Register Cross Reference
     Page    3
1046  Register   References (M=modified, B=branch, U=USING, D=DROP, N=index)
     HLASM R6.0  2023/03/27 14.28
1047     0(0)    (no references identified)
1048     1(1)    (no references identified)
1049     2(2)    (no references identified)
1050     3(3)    (no references identified)
1051     4(4)    (no references identified)
1052     5(5)    (no references identified)
1053     6(6)    (no references identified)
1054     7(7)    (no references identified)
1055     8(8)    (no references identified)
1056     9(9)    (no references identified)
1057    10(A)    (no references identified)
1058    11(B)    (no references identified)
1059    12(C)    (no references identified)
1060    13(D)    (no references identified)
1061    14(E)    (no references identified)
1062    15(F)    (no references identified)
1063
1064                                    Diagnostic Cross Reference and Assembler Summary
     Page    4
1065
     HLASM R6.0  2023/03/27 14.28
1066 Statements Flagged
1067    2(P1,92)
1068
1069       1 Statement  Flagged in this Assembly      4 was Highest Severity Code
1070 HIGH LEVEL ASSEMBLER, 5696-234, RELEASE 6.0, PTF UI68060
1071 SYSTEM: z/OS 02.04.00            JOBNAME: SUMSBFEC    STEPNAME: MAPSET    PROCSTEP:
     ASMDSECT
1072 Unicode Module:   ASMA047C   From Page    1148   To Page    17584          ECECP:
     International 1
1073 Data Sets Allocated for this Assembly
1074  Con DDname    Data Set Name                               Volume   Member
1075   P1 SYSIN     SYS23086.T142810.RA000.SUMSBFEC.TEMPM.H01   TEMP00
1076   L1 SYSLIB    DFH550.CICS.SDFHMAC                          VTDFHJ
1077   L2           SYS1.MACLIB                                  VTMVSC
1078      SYSPRINT KC03FEC.SUMSBFEC.JOB00517.D0000104.?
1079      SYSPUNCH KC03FEC.A5.COBOL                              KCTR12   SUMSFEC
1080
1081   26852K allocated to Buffer Pool      Storage required    1008K
1082      1 Primary Input Records Read         0 Library Records Read           0 Work
     File Reads
1083      0 ASMAOPT Records Read            105 Primary Print Records Written    0 Work
     File Writes
1084      0 Object Records Written            0 ADATA Records Written
1085 Assembly Start Time: 14.28.30 Stop Time: 14.28.30 Processor Time: 00.00.00.0001
1086 Return Code 004
1087
1088      2 Batch Assemblies Processed. Highest Return Code 004
1089
```