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1          J E S 2  J O B  L O G  --  S Y S T E M  2 9 6 4  --  N O D E  S V S C J E
2          S 2
3 11.28.38 JOB04190 ---- WEDNESDAY, 29 MAR 2023 ----
4 11.28.38 JOB04190 IRR010I USERID KC03FEC IS ASSIGNED TO THIS JOB.
5 11.28.40 JOB04190 ICH70001I KC03FEC LAST ACCESS AT 11:18:09 ON WEDNESDAY, MARCH 29, 2023
6 11.28.40 JOB04190 $HASP373 CMINQFEC STARTED - INIT 2 - CLASS A - SYS 2964
7 11.28.41 JOB04190 IEF764I CMINQFEC COMPLI TRN DFHAPIR DFHEIMOD PARMLIB READ FAILED - MEMBER
      DFHAPIR NOT FOUND.
8 11.28.41 JOB04190 IEF764I CMINQFEC COMPLI TRN DFHAPIR DFHEIMOD PARMLIB READ FAILED - MEMBER
      DFHAPIR NOT FOUND.
9 11.28.42 JOB04190 - -----TIMINGS (MINS.)-----
      -----PAGING COUNTS-----
10 11.28.42 JOB04190 -STEPNAME PROCSTEP RC EXCP CONN TCB SRB CLOCK
      SERV WORKLOAD PAGE SWAP VIO SWAPS
11 11.28.42 JOB04190 -COMPLI TRN 00 365 25 .00 .00 .0
      24 BATCH 0 0 0 0
12 11.28.47 JOB04190 -COMPLI COB 04 15369 584 .00 .00 .0
      135 BATCH 0 0 0 0
13 11.28.47 JOB04190 -COMPLI COPYLINK 00 23 12 .00 .00 .0
      4 BATCH 0 0 0 0
14 11.28.48 JOB04190 -COMPLI LKED 00 287 55 .00 .00 .0
      51 BATCH 0 0 0 0
15 11.28.48 JOB04190 -CMINQFEC ENDED. NAME- TOTAL TCB CPU TIME= .00
      TOTAL ELAPSED TIME= .1
16 11.28.48 JOB04190 $HASP395 CMINQFEC ENDED - RC=0004
17 ----- JES2 JOB STATISTICS -----
18 29 MAR 2023 JOB EXECUTION DATE
19 14 CARDS READ
20 2,581 SYSOUT PRINT RECORDS
21 0 SYSOUT PUNCH RECORDS
22 164 SYSOUT SPOOL KBYTES
23 0.16 MINUTES EXECUTION TIME
24 1 //CMINQFEC JOB 3U391710000034,MSGCLASS=Q,MSGLEVEL=(1,1) JOB04190
25 /*
26 2 //CICSPROC JCLLIB ORDER=(KC03FEC.A5.PROCLIB)
27 /*
28 /******
29 /* TRANSLATE COMPILE
30 /* AND LINK A CICS COBOL PROGRAM
31 /******
32 3 //COMPLI EXEC CMIFHFEC,
33 /* NAME OF PDS CONTAINING SOURCE
34 // STUDLIB='KC03FEC.A5.COBOL',
35 // LOADLIB='TSOECCC.CICSTS12.STUDENT.LOADLIB',
36 /* NAME OF PROGRAM AND ALSO NAME OF MEMBER WITHIN STUDLIB
37 // MEMBER='CMINQFEC'
38 XX*****
39 XX* This procedure, CICSCOBOL, contains 4 steps
40 XX* 1. Exec the Cics translator
41 XX* 2. Exec the AD/Cycle VS COBOL II compiler
42 XX* 3. Reblock SDFHCOB(&STUB) for use by the linkedit step
43 XX* 4. Linkedit the output
44 XX*****
45 4 XXCMIFHFEC PROC SUFFIX=1$, Suffix for translator module
46 XX INDEX='DFH550.CICS', QUALIFIER(S) FOR CICS LIBRARIES
47 XX NEWINDEX='DFH550.CICS', QUALIFIER(S) FOR CICS LIBRARIES

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48      XX      STUDLIB='KC03FEC.A5.COBOL', NAME OF STUDENT SOURCE
49      XX      MEMBER='CMINQFEC',
50      XX      LOADLIB='TSOECCC.CICSTS12.STUDENT.LOADLIB', CICS LOADLIB
51      XX      LE370HLQ='CEE',          Qualifier(s) for LE/370 libraries
52      XX      OUTC='*',          Class for print output
53      XX      REG='0M',          REGION SIZE FOR ALL STEPS
54      XX      LNKPARM='LIST,XREF,MAP', Link edit parameters
55      XX      STUB='DFHEILIC',      Linkedit INCLUDE for DFHELII
56      XX      WORK='SYSDA',          Unit for work datasets
57      XX      LNGPRFX='IGY630',      new
58      XX      LIBPRFX='CEE'          new
59      XX*****
60      XX*      TRANSLATE THE COBOL/CICS PROGRAM
61      XX*****
62      5 XXTRN      EXEC PGM=DFHECP&SUFFIX,
63      XX          PARM=('APOST,DEBUG,COBOL3,FLAGW,NOSEQ',
64      XX              'NONUM,LIST,NOXREF,SPACE1,CICS,SP'),
65      XX          REGION=&REG
66      IEF653I SUBSTITUTION JCL - PGM=DFHECP1$,PARM=
67      ('APOST,DEBUG,COBOL3,FLAGW,NOSEQ','NONUM,LIST,NOXREF,SPACE1,
68      CICS,SP'),REGION=0M
69      6 XXSTEPLIB DD DSN=&NEWINDEX..SDFHLOAD,DISP=SHR
70      IEF653I SUBSTITUTION JCL - DSN=DFH550.CICS.SDFHLOAD,DISP=SHR
71      7 XXSYSPRINT DD SYSOUT=&OUTC
72      IEF653I SUBSTITUTION JCL - SYSOUT=*
73      8 XXSYSIN DD DSN=&STUDLIB(&MEMBER),DISP=SHR
74      IEF653I SUBSTITUTION JCL - DSN=KC03FEC.A5.COBOL(CMINQFEC),DISP=SHR
75      9 XXSYSPUNCH DD DSN=&&SYSCIN,
76      XX          DISP=(,PASS),UNIT=&WORK,
77      XX          DCB=BLKSIZE=400,
78      XX          SPACE=(400,(400,100))
79      XX*****
80      XX*      COMPILE THE COBOL/CICS PROGRAM
81      XX*****
82      XX*
83      XX* 07/23/15 REMOVED THE LIB PARM
84      IEF653I SUBSTITUTION JCL - DSN=&&SYSCIN,DISP=
85      (,PASS),UNIT=SYSDA,DCB=BLKSIZE=400,SPACE=(400,(400,100))
86      10 XXCOB      EXEC PGM=IGYCRCTL,REGION=&REG,
87      XX*          PARM='NODYNAM,OBJECT,RENT,APOST,MAP,XREF,VBREF,OFFSET'
88      XX*          PARM='RENT,APOST,OBJECT,NODYNAM,SIZE(1048376)'
89      XX          PARM='NOXREF,NODBCS,APOST,OBJECT,NODYNAM'
90      XX*STEPLIB DD DSN=IGY.SIGYCOMP,DISP=SHR
91      IEF653I SUBSTITUTION JCL -
92      PGM=IGYCRCTL,REGION=0M,PARM='NOXREF,NODBCS,APOST,OBJECT,NODYNAM'
93      11 XXSTEPLIB DD DSN=&LNGPRFX..SIGYCOMP,DISP=SHR
94      IEF653I SUBSTITUTION JCL - DSN=IGY630.SIGYCOMP,DISP=SHR
95      12 XX          DD DSN=&LIBPRFX..SCEERUN,DISP=SHR
96      IEF653I SUBSTITUTION JCL - DSN=CEE.SCEERUN,DISP=SHR
97      13 XX          DD DSN=&LIBPRFX..SCEERUN2,DISP=SHR
98      IEF653I SUBSTITUTION JCL - DSN=CEE.SCEERUN2,DISP=SHR
99      14 XXSYSLIB DD DSN=&STUDLIB,DISP=SHR
100      XX*          DD DSN=&STUDLIB..SOURCE,DISP=SHR
101      XX*          DD DSN=&STUDLIB..SHARED.COPYBLKS,DISP=SHR
102      IEF653I SUBSTITUTION JCL - DSN=KC03FEC.A5.COBOL,DISP=SHR
103      15 XX          DD DSN=&INDEX..SDFHCOB,DISP=SHR

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102      IEFC653I SUBSTITUTION JCL - DSN=DFH550.CICS.SDFHCOB,DISP=SHR
103 16 XX          DD DSN=&INDEX..SDFHMAC,DISP=SHR
104      IEFC653I SUBSTITUTION JCL - DSN=DFH550.CICS.SDFHMAC,DISP=SHR
105 17 XX          DD DSN=&INDEX..SDFHSAMP,DISP=SHR
106      IEFC653I SUBSTITUTION JCL - DSN=DFH550.CICS.SDFHSAMP,DISP=SHR
107 18 XXSYSPRINT DD SYSOUT=&OUTC
108      IEFC653I SUBSTITUTION JCL - SYSOUT=*
109 19 XXSYSIN     DD DSN=&&SYSCIN,DISP=(OLD,DELETE)
110      XX* 07/23/15 NEW SYSLIN & ADDED SYSMDECK & ADDITIONAL SYSUT DDS
111 20 XXSYSLIN    DD DSN=&&LOADSET,DISP=(MOD,PASS),
112      XX          UNIT=&WORK,SPACE=(CYL,(1,1))
113      IEFC653I SUBSTITUTION JCL - DSN=&&LOADSET,DISP=(MOD,PASS),UNIT=SYSDA,SPACE=
(CYL,(1,1))
114 21 XXSYSMDECK DD SPACE=(1024,(5,5)), AVGREC=K
115      XX          DCB=(LRECL=80,RECFM=F)
116 22 XXSYSUT1    DD UNIT=&WORK,SPACE=(1024,(5,5)),AVGREC=K
117      IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1024,(5,5)),AVGREC=K
118 23 XXSYSUT2    DD UNIT=&WORK,SPACE=(1024,(5,5)),AVGREC=K
119      IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1024,(5,5)),AVGREC=K
120 24 XXSYSUT3    DD UNIT=&WORK,SPACE=(1024,(5,5)),AVGREC=K
121      IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1024,(5,5)),AVGREC=K
122 25 XXSYSUT4    DD UNIT=&WORK,SPACE=(1024,(5,5)),AVGREC=K
123      IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1024,(5,5)),AVGREC=K
124 26 XXSYSUT5    DD UNIT=&WORK,SPACE=(1024,(5,5)),AVGREC=K
125      IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1024,(5,5)),AVGREC=K
126 27 XXSYSUT6    DD UNIT=&WORK,SPACE=(1024,(5,5)),AVGREC=K
127      IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1024,(5,5)),AVGREC=K
128 28 XXSYSUT7    DD UNIT=&WORK,SPACE=(1024,(5,5)),AVGREC=K
129      IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1024,(5,5)),AVGREC=K
130 29 XXSYSUT8    DD UNIT=&WORK,SPACE=(1024,(5,5)),AVGREC=K
131      IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1024,(5,5)),AVGREC=K
132 30 XXSYSUT9    DD UNIT=&WORK,SPACE=(1024,(5,5)),AVGREC=K
133      IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1024,(5,5)),AVGREC=K
134 31 XXSYSUT10   DD UNIT=&WORK,SPACE=(1024,(5,5)),AVGREC=K
135      IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1024,(5,5)),AVGREC=K
136 32 XXSYSUT11   DD UNIT=&WORK,SPACE=(1024,(5,5)),AVGREC=K
137      IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1024,(5,5)),AVGREC=K
138 33 XXSYSUT12   DD UNIT=&WORK,SPACE=(1024,(5,5)),AVGREC=K
139      IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1024,(5,5)),AVGREC=K
140 34 XXSYSUT13   DD UNIT=&WORK,SPACE=(1024,(5,5)),AVGREC=K
141      IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1024,(5,5)),AVGREC=K
142 35 XXSYSUT14   DD UNIT=&WORK,SPACE=(1024,(5,5)),AVGREC=K
143      IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1024,(5,5)),AVGREC=K
144 36 XXSYSUT15   DD UNIT=&WORK,SPACE=(1024,(5,5)),AVGREC=K
145      XX*
146      XX*****
147      XX* COPY THE COBOL/CICS PROGRAM BEFORE LINK EDIT
148      XX*****
149      IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1024,(5,5)),AVGREC=K
150 37 XXCOPYLINK EXEC PGM=IEBGENER,COND=(7,LT,COB)
151 38 XXSYSUT1     DD DSN=&INDEX..SDFHCOB(&STUB),DISP=SHR
152      IEFC653I SUBSTITUTION JCL - DSN=DFH550.CICS.SDFHCOB(DFHEILIC),DISP=SHR
153 39 XXSYSUT2     DD DSN=&&COPYLINK,DISP=(NEW,PASS),
154      XX          DCB=(LRECL=80,BLKSIZE=400,RECFM=FB),
155      XX          UNIT=&WORK,SPACE=(400,(20,20))
156      IEFC653I SUBSTITUTION JCL - DSN=&&COPYLINK,DISP=(NEW,PASS),DCB=
(LRECL=80,BLKSIZE=400,RECFM=FB),UNIT=SYSDA,

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157      SPACE=(400,(20,20))
158 40 XXSYSPRINT DD SYSOUT=&OUTC
159      IEF653I SUBSTITUTION JCL - SYSOUT=*
160 41 XXSYSIN DD DUMMY
161      XX*
162      XX*****
163      XX* LINK EDIT THE COBOL/CICS PROGRAM
164      XX*****
165 42 XXLKED EXEC PGM=IEWL,REGION=&REG,
166      XX PARM='&LNKPARM',COND=(5,LT,COB)
167      IEF653I SUBSTITUTION JCL - PGM=IEWL,REGION=0M,PARM='LIST,XREF,MAP',COND=(5,LT,COB)
168 43 XXSYSLIB DD DSN=&LOADLIB,DISP=SHR
169      XX* DD DSN=&STUDLIB..SUBPLIB,DISP=SHR
170      XX* DD DSN=&STUDLIB..SHARED.LOADLIB,DISP=SHR
171      IEF653I SUBSTITUTION JCL - DSN=TSOECCC.CICSTS12.STUDENT.LOADLIB,DISP=SHR
172 44 XX DD DSN=&NEWINDEX..SDFHLOAD,DISP=SHR
173      IEF653I SUBSTITUTION JCL - DSN=DFH550.CICS.SDFHLOAD,DISP=SHR
174 45 XX DD DSN=&LE370HLQ..SCEELKED,DISP=SHR
175      IEF653I SUBSTITUTION JCL - DSN=CEE.SCEELKED,DISP=SHR
176 46 XXSYSLMOD DD DSN=&LOADLIB.(&MEMBER),DISP=SHR
177      IEF653I SUBSTITUTION JCL - DSN=TSOECCC.CICSTS12.STUDENT.LOADLIB(CMINQFEC),DISP=SHR
178 47 XXSYSUT1 DD UNIT=&WORK,DCB=BLKSIZE=1024,
179      XX SPACE=(1024,(200,20))
180      IEF653I SUBSTITUTION JCL - UNIT=SYSDA,DCB=BLKSIZE=1024,SPACE=(1024,(200,20))
181 48 XXSYSPRINT DD SYSOUT=&OUTC
182      IEF653I SUBSTITUTION JCL - SYSOUT=*
183 49 XXSYSLIN DD DSN=&&COPYLINK,DISP=(OLD,DELETE)
184 50 XX DD DSN=&&LOADSET,DISP=(OLD,DELETE)
185      XX* DD DDNAME=SYSIN
186      XX* 07/23/15 removed the sysin dd
187 STMT NO. MESSAGE
188      3 IEF001I PROCEDURE CMIFHFEC WAS EXPANDED USING PRIVATE LIBRARY KC03FEC.A5.PROCLIB
189 ICH70001I KC03FEC LAST ACCESS AT 11:18:09 ON WEDNESDAY, MARCH 29, 2023
190 IEFA111I CMINQFEC IS USING THE FOLLOWING JOB RELATED SETTINGS:
191      SWA=ABOVE,TIOT SIZE=32K,DSENQSHR=DISALLOW,GDGBIAS=JOB
192 IEF236I ALLOC. FOR CMINQFEC TRN COMPLI
193 IEF237I 0DDD ALLOCATED TO STEPLIB
194 IEF237I JES2 ALLOCATED TO SYSPRINT
195 IGD103I SMS ALLOCATED TO DDNAME SYSIN
196 IGD101I SMS ALLOCATED TO DDNAME (SYSPUNCH)
197      DSN (SYS23088.T112838.RA000.CMINQFEC.SYSCIN.H01 )
198      STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
199      VOL SER NOS= TEMP00
200 IEF285I VENDOR.PARMLIB KEPT
201 IEF285I VOL SER NOS= VPMVSD.
202 IEF285I SVTSC.PARMLIB KEPT
203 IEF285I VOL SER NOS= VTMVSG.
204 IEF285I LVL0.PARMLIB KEPT
205 IEF285I VOL SER NOS= VTLVL0.
206 IEF285I SYS1.PARMLIB KEPT
207 IEF285I VOL SER NOS= VIMVSB.
208 IEF764I CMINQFEC COMPLI TRN DFHAPIR DFHEIMOD PARMLIB READ FAILED - MEMBER DFHAPIR NOT FOUND.
209 IEF285I VENDOR.PARMLIB KEPT
210 IEF285I VOL SER NOS= VPMVSD.
211 IEF285I SVTSC.PARMLIB KEPT
212 IEF285I VOL SER NOS= VTMVSG.
213 IEF285I LVL0.PARMLIB KEPT

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214 IEF285I VOL SER NOS= VTLVL0.
215 IEF285I SYS1.PARMLIB KEPT
216 IEF285I VOL SER NOS= VIMVSB.
217 IEF764I CMINQFEC COMPLI TRN DFHAPIR DFHEIMOD PARMLIB READ FAILED - MEMBER DFHAPIR NOT FOUND.
218 IEF142I CMINQFEC TRN COMPLI - STEP WAS EXECUTED - COND CODE 0000
219 IEF285I DFH550.CICS.SDFHLOAD KEPT
220 IEF285I VOL SER NOS= VTDFHJ.
221 IEF285I KC03FEC.CMINQFEC.JOB04190.D0000101.? SYSOUT
222 IGD104I KC03FEC.A5.COBOL RETAINED, DDNAME=SYSIN
223 IGD106I SYS23088.T112838.RA000.CMINQFEC.SYSCIN.H01 PASSED, DDNAME=SYSPUNCH
224 IEF373I STEP/TRN /START 2023088.1128
225 IEF032I STEP/TRN /STOP 2023088.1128
226 CPU: 0 HR 00 MIN 00.01 SEC SRB: 0 HR 00 MIN 00.00 SEC
227 VIRT: 7928K SYS: 264K EXT: 364K SYS: 11812K
228 ATB- REAL: 1104K SLOTS: 0K
229 VIRT- ALLOC: 20M SHRD: 0M
230 IEF236I ALLOC. FOR CMINQFEC COB COMPLI
231 IEF237I 1A76 ALLOCATED TO STEPLIB
232 IEF237I 1001 ALLOCATED TO
233 IEF237I 1001 ALLOCATED TO
234 IGD103I SMS ALLOCATED TO DDNAME SYSLIB
235 IEF237I 0DDD ALLOCATED TO
236 IEF237I 0DDD ALLOCATED TO
237 IEF237I 0DDD ALLOCATED TO
238 IEF237I JES2 ALLOCATED TO SYSPRINT
239 IGD103I SMS ALLOCATED TO DDNAME SYSIN
240 IGD101I SMS ALLOCATED TO DDNAME (SYSLIN )
241 DSN (SYS23088.T112838.RA000.CMINQFEC.LOADSET.H01 )
242 STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
243 VOL SER NOS= TEMP00
244 IGD101I SMS ALLOCATED TO DDNAME (SYSMDECK)
245 DSN (SYS23088.T112838.RA000.CMINQFEC.R0111989 )
246 STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
247 VOL SER NOS= TEMP00
248 IGD101I SMS ALLOCATED TO DDNAME (SYSUT1 )
249 DSN (SYS23088.T112838.RA000.CMINQFEC.R0111990 )
250 STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
251 VOL SER NOS= TEMP00
252 IGD101I SMS ALLOCATED TO DDNAME (SYSUT2 )
253 DSN (SYS23088.T112838.RA000.CMINQFEC.R0111991 )
254 STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
255 VOL SER NOS= TEMP00
256 IGD101I SMS ALLOCATED TO DDNAME (SYSUT3 )
257 DSN (SYS23088.T112838.RA000.CMINQFEC.R0111992 )
258 STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
259 VOL SER NOS= TEMP00
260 IGD101I SMS ALLOCATED TO DDNAME (SYSUT4 )
261 DSN (SYS23088.T112838.RA000.CMINQFEC.R0111993 )
262 STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
263 VOL SER NOS= TEMP00
264 IGD101I SMS ALLOCATED TO DDNAME (SYSUT5 )
265 DSN (SYS23088.T112838.RA000.CMINQFEC.R0111994 )
266 STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
267 VOL SER NOS= TEMP00
268 IGD101I SMS ALLOCATED TO DDNAME (SYSUT6 )
269 DSN (SYS23088.T112838.RA000.CMINQFEC.R0111995 )
270 STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )

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271      VOL SER NOS= TEMP00
272 IGD101I SMS ALLOCATED TO DDNAME (SYSUT7 )
273      DSN (SYS23088.T112838.RA000.CMINQFEC.R0111996 )
274      STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
275      VOL SER NOS= TEMP00
276 IGD101I SMS ALLOCATED TO DDNAME (SYSUT8 )
277      DSN (SYS23088.T112838.RA000.CMINQFEC.R0111997 )
278      STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
279      VOL SER NOS= TEMP00
280 IGD101I SMS ALLOCATED TO DDNAME (SYSUT9 )
281      DSN (SYS23088.T112838.RA000.CMINQFEC.R0111998 )
282      STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
283      VOL SER NOS= TEMP00
284 IGD101I SMS ALLOCATED TO DDNAME (SYSUT10 )
285      DSN (SYS23088.T112838.RA000.CMINQFEC.R0111999 )
286      STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
287      VOL SER NOS= TEMP00
288 IGD101I SMS ALLOCATED TO DDNAME (SYSUT11 )
289      DSN (SYS23088.T112838.RA000.CMINQFEC.R0112000 )
290      STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
291      VOL SER NOS= TEMP00
292 IGD101I SMS ALLOCATED TO DDNAME (SYSUT12 )
293      DSN (SYS23088.T112838.RA000.CMINQFEC.R0112001 )
294      STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
295      VOL SER NOS= TEMP00
296 IGD101I SMS ALLOCATED TO DDNAME (SYSUT13 )
297      DSN (SYS23088.T112838.RA000.CMINQFEC.R0112002 )
298      STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
299      VOL SER NOS= TEMP00
300 IGD101I SMS ALLOCATED TO DDNAME (SYSUT14 )
301      DSN (SYS23088.T112838.RA000.CMINQFEC.R0112003 )
302      STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
303      VOL SER NOS= TEMP00
304 IGD101I SMS ALLOCATED TO DDNAME (SYSUT15 )
305      DSN (SYS23088.T112838.RA000.CMINQFEC.R0112004 )
306      STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
307      VOL SER NOS= TEMP00
308 IEF237I JES2 ALLOCATED TO SYS00007
309 IEF285I KC03FEC.CMINQFEC.JOB04190.D0000105.?          SYSOUT
310 IEF142I CMINQFEC COB COMPLI - STEP WAS EXECUTED - COND CODE 0004
311 IEF285I IGY630.SIGYCOMP                                KEPT
312 IEF285I VOL SER NOS= VTIGYL.
313 IEF285I CEE.SCEERUN                                    KEPT
314 IEF285I VOL SER NOS= VTMVSC.
315 IEF285I CEE.SCEERUN2                                    KEPT
316 IEF285I VOL SER NOS= VTMVSC.
317 IGD104I KC03FEC.A5.COBOL                                RETAINED, DDNAME=SYSLIB
318 IEF285I DFH550.CICS.SDFHCOB                            KEPT
319 IEF285I VOL SER NOS= VTDFHJ.
320 IEF285I DFH550.CICS.SDFHMAC                            KEPT
321 IEF285I VOL SER NOS= VTDFHJ.
322 IEF285I DFH550.CICS.SDFHSAMP                            KEPT
323 IEF285I VOL SER NOS= VTDFHJ.
324 IEF285I KC03FEC.CMINQFEC.JOB04190.D0000102.?          SYSOUT
325 IGD105I SYS23088.T112838.RA000.CMINQFEC.SYSCIN.H01    DELETED, DDNAME=SYSIN
326 IGD106I SYS23088.T112838.RA000.CMINQFEC.LOADSET.H01    PASSED, DDNAME=SYSLIN
327 IGD105I SYS23088.T112838.RA000.CMINQFEC.R0111989      DELETED, DDNAME=SYSMDECK

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328 IGD105I SYS23088.T112838.RA000.CMINQFEC.R0111990 DELETED, DDNAME=SYSUT1
329 IGD105I SYS23088.T112838.RA000.CMINQFEC.R0111991 DELETED, DDNAME=SYSUT2
330 IGD105I SYS23088.T112838.RA000.CMINQFEC.R0111992 DELETED, DDNAME=SYSUT3
331 IGD105I SYS23088.T112838.RA000.CMINQFEC.R0111993 DELETED, DDNAME=SYSUT4
332 IGD105I SYS23088.T112838.RA000.CMINQFEC.R0111994 DELETED, DDNAME=SYSUT5
333 IGD105I SYS23088.T112838.RA000.CMINQFEC.R0111995 DELETED, DDNAME=SYSUT6
334 IGD105I SYS23088.T112838.RA000.CMINQFEC.R0111996 DELETED, DDNAME=SYSUT7
335 IGD105I SYS23088.T112838.RA000.CMINQFEC.R0111997 DELETED, DDNAME=SYSUT8
336 IGD105I SYS23088.T112838.RA000.CMINQFEC.R0111998 DELETED, DDNAME=SYSUT9
337 IGD105I SYS23088.T112838.RA000.CMINQFEC.R0111999 DELETED, DDNAME=SYSUT10
338 IGD105I SYS23088.T112838.RA000.CMINQFEC.R0112000 DELETED, DDNAME=SYSUT11
339 IGD105I SYS23088.T112838.RA000.CMINQFEC.R0112001 DELETED, DDNAME=SYSUT12
340 IGD105I SYS23088.T112838.RA000.CMINQFEC.R0112002 DELETED, DDNAME=SYSUT13
341 IGD105I SYS23088.T112838.RA000.CMINQFEC.R0112003 DELETED, DDNAME=SYSUT14
342 IGD105I SYS23088.T112838.RA000.CMINQFEC.R0112004 DELETED, DDNAME=SYSUT15
343 IEF373I STEP/COB /START 2023088.1128
344 IEF032I STEP/COB /STOP 2023088.1128
345 CPU: 0 HR 00 MIN 00.06 SEC SRB: 0 HR 00 MIN 00.00 SEC
346 VIRT: 532K SYS: 340K EXT: 138124K SYS: 14956K
347 ATB- REAL: 9004K SLOTS: 0K
348 VIRT- ALLOC: 537M SHRD: 0M
349 IEF236I ALLOC. FOR CMINQFEC COPYLINK COMPLI
350 IEF237I 0DDD ALLOCATED TO SYSUT1
351 IGD101I SMS ALLOCATED TO DDNAME (SYSUT2 )
352 DSN (SYS23088.T112838.RA000.CMINQFEC.COPYLINK.H01)
353 STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
354 VOL SER NOS= TEMP00
355 IEF237I JES2 ALLOCATED TO SYSPRINT
356 IEF237I DMY ALLOCATED TO SYSIN
357 IEF142I CMINQFEC COPYLINK COMPLI - STEP WAS EXECUTED - COND CODE 0000
358 IEF285I DFH550.CICS.SDFHCOB KEPT
359 IEF285I VOL SER NOS= VTDFHJ.
360 IGD106I SYS23088.T112838.RA000.CMINQFEC.COPYLINK.H01 PASSED, DDNAME=SYSUT2
361 IEF285I KC03FEC.CMINQFEC.JOB04190.D0000103.? SYSOUT
362 IEF373I STEP/COPYLINK/START 2023088.1128
363 IEF032I STEP/COPYLINK/STOP 2023088.1128
364 CPU: 0 HR 00 MIN 00.00 SEC SRB: 0 HR 00 MIN 00.00 SEC
365 VIRT: 228K SYS: 252K EXT: 4K SYS: 11804K
366 ATB- REAL: 1096K SLOTS: 0K
367 VIRT- ALLOC: 19M SHRD: 0M
368 IEF236I ALLOC. FOR CMINQFEC LKED COMPLI
369 IGD103I SMS ALLOCATED TO DDNAME SYSLIB
370 IEF237I 0DDD ALLOCATED TO
371 IEF237I 1001 ALLOCATED TO
372 IGD103I SMS ALLOCATED TO DDNAME SYSLMOD
373 IGD101I SMS ALLOCATED TO DDNAME (SYSUT1 )
374 DSN (SYS23088.T112838.RA000.CMINQFEC.R0112005 )
375 STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
376 VOL SER NOS= TEMP00
377 IEF237I JES2 ALLOCATED TO SYSPRINT
378 IGD103I SMS ALLOCATED TO DDNAME SYSLIN
379 IGD103I SMS ALLOCATED TO DDNAME
380 IEF142I CMINQFEC LKED COMPLI - STEP WAS EXECUTED - COND CODE 0000
381 IGD104I TSOECCC.CICSTS12.STUDENT.LOADLIB RETAINED, DDNAME=SYSLIB
382 IEF285I DFH550.CICS.SDFHLOAD KEPT
383 IEF285I VOL SER NOS= VTDFHJ.
384 IEF285I CEE.SCEELKED KEPT

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385 IEF285I VOL SER NOS= VTMVSC.  
 386 IGD104I TSOECCC.CICSTS12.STUDENT.LOADLIB RETAINED, DDNAME=SYSLMOD  
 387 IGD105I SYS23088.T112838.RA000.CMINQFEC.R0112005 DELETED, DDNAME=SYSUT1  
 388 IEF285I KC03FEC.CMINQFEC.JOB04190.D0000104.? SYSOUT  
 389 IGD105I SYS23088.T112838.RA000.CMINQFEC.COPYLINK.H01 DELETED, DDNAME=SYSLIN  
 390 IGD105I SYS23088.T112838.RA000.CMINQFEC.LOADSET.H01 DELETED, DDNAME=

391 IEF373I STEP/LKED /START 2023088.1128  
 392 IEF032I STEP/LKED /STOP 2023088.1128  
 393 CPU: 0 HR 00 MIN 00.01 SEC SRB: 0 HR 00 MIN 00.00 SEC  
 394 VIRT: 88K SYS: 252K EXT: 1768K SYS: 11840K  
 395 ATB- REAL: 1104K SLOTS: 0K  
 396 VIRT- ALLOC: 20M SHRD: 0M

397 IEF375I JOB/CMINQFEC/START 2023088.1128  
 398 IEF033I JOB/CMINQFEC/STOP 2023088.1128  
 399 CPU: 0 HR 00 MIN 00.08 SEC SRB: 0 HR 00 MIN 00.00 SEC

400 CICS 7.2.0 COMMAND LANGUAGE TRANSLATOR TIME 11.28

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401 OPTIONS SPECIFIED: -APOST,DEBUG,COBOL3,FLAGW,NOSEQ,NONUM,LIST,NOXREF,SPACE1,CICS,SP

402 \*OPTIONS IN EFFECT\*

403

404 CICS

405 DEBUG

406 SPIE

407 EDF

408 LINECOUNT(60)

409 TABLE(DFHEITAB,DFHEITBS)

410 SP

411 NATLANG(EN)

412 SOURCE

413 NOVBREF

414 OPTIONS

415 FLAG(W)

416 NOSEQ

417 APOST

418 NONUM

419 SPACE(1)

420 CBLCARD

421 NOSYSEIB

422 NOFEPI

423 NOCPSP

424 LINKAGE

425 COBOL3

426 LENGTH

427 LINE

SOURCE LISTING

428

429 00001 IDENTIFICATION DIVISION.

430 00002 \*

431 00003 PROGRAM-ID. CMINQFEC.

432 00004 \*

433 00005 ENVIRONMENT DIVISION.

434 00006 \*

435 00007 DATA DIVISION.

436 00008 \*

437 00009 WORKING-STORAGE SECTION.

438 00010 \*

439 00011 01 SWITCHES.

440 00012 \*



441 00013	05	VALID-DATA-SW	PIC X(01)	VALUE 'Y'.
442 00014	88	VALID-DATA		VALUE 'Y'.
443 00015	05	CUSTOMER-FOUND-SW	PIC X(01)	VALUE 'Y'.
444 00016	88	CUSTOMER-FOUND		VALUE 'Y'.

\*

446 00018 01 FLAGS.

\*

448 00020	05	DISPLAY-FLAG	PIC X(01).	
449 00021	88	DISPLAY-NEW-CUSTOMER		VALUE '1'.
450 00022	88	DISPLAY-SPACES		VALUE '2'.
451 00023	88	DISPLAY-LOW-VALUES		VALUE '3'.
452 00024	05	SEND-FLAG	PIC X(01).	
453 00025	88	SEND-ERASE		VALUE '1'.
454 00026	88	SEND-DATAONLY		VALUE '2'.
455 00027	88	SEND-DATAONLY-ALARM		VALUE '3'.

\*

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458 LINE SOURCE LISTING

\*

460 00030 01 WS-CONSTANTS.

461 00031	05	WS-YES-CNST	PIC X	VALUE 'Y'.
462 00032	05	WS-NO-CNST	PIC X	VALUE 'N'.
463 00033	05	WS-OPEN-CNST	PIC X	VALUE 'Y'.
464 00034	05	WS-CLOSED-CNST	PIC X	VALUE 'N'.
465 00035	05	WS-END-OF-SESSION-MESSAGE	PIC X(13)	
466 00036		VALUE 'Session ended'.		

\*

468 00038 01 WS-CMF-FILE-STATUS-INFO.

469 00039	05	WS-CMF-OPEN	PIC X.	
470 00040	88	WS-CMF-OPEN-88		VALUE 'Y'.
471 00041	88	WS-CMF-CLOSED-88		VALUE 'Y'.
472 00042	05	WS-CMF-OPEN-STATUS	PIC S9(8)	COMP VALUE 0.
473 00043	05	WS-CMF-ENABLE-STATUS	PIC S9(8)	COMP VALUE 0.

\*

475 00045 01 WS-RESPONSE-CODE PIC S9(8) COMP.

476 00046 COPY ERRPARMS.

477 00047 01 COMMUNICATION-AREA.

\*

479 00049 05 CA-CUSTOMER-NUMBER PIC X(06).

\*

481 00051 01 RESPONSE-CODE PIC S9(08) COMP.

\*

483 00053 COPY CUSTMAS.

\*

485 00055 COPY INQSFEC.

\*

487 00057 COPY DFHAID.

\*

489 00059 COPY ERRPARM.

\*

491 00061 LINKAGE SECTION.

\*

493 00063 01 DFHCOMMAREA PIC X(06).

\*

495 00065 PROCEDURE DIVISION.

\*

496 00066

```

497 00067      0000-PROCESS-CUSTOMER-INQUIRY.
498 00068      *
499 00069          IF EIBCALEN > ZERO
500 00070              MOVE DFHCOMMAREA TO COMMUNICATION-AREA
501 00071          END-IF.
502 00072      *
503 00073          EVALUATE TRUE
504 00074      *
505 00075              WHEN EIBCALEN = ZERO
506 00076                  MOVE LOW-VALUE TO CA-CUSTOMER-NUMBER
507 00077                  MOVE LOW-VALUE TO INQMFECD
508 00078                  SET SEND-ERASE TO TRUE
509 00079                  PERFORM 1500-SEND-INQUIRY-MAP
510 00080      *
511 00081              WHEN EIBAID = DFHCLEAR
512 00082                  MOVE LOW-VALUE TO CA-CUSTOMER-NUMBER
513 00083                  MOVE LOW-VALUE TO INQMFECD
514 00084                  SET SEND-ERASE TO TRUE
515 CICS 7.2.0 COMMAND LANGUAGE TRANSLATOR
DATE 29 MAR 23   PAGE 3
516 LINE      SOURCE LISTING
517 00085          PERFORM 1500-SEND-INQUIRY-MAP
518 00086      *
519 00087          WHEN EIBAID = DFHPA1 OR DFHPA2 OR DFHPA3
520 00088              CONTINUE
521 00089      *
522 00090          WHEN EIBAID = DFHPF3 OR DFHPF12
523 00091              PERFORM 8100-CMF-CLOSE
524 00092              EXEC CICS
525 00093                  XCTL PROGRAM('UUMENFEC')
526 00094              END-EXEC
527 00095      *
528 00096          WHEN EIBAID = DFHENTER
529 00097              PERFORM 1000-DISPLAY-SELECTED-CUSTOMER
530 00098      *
531 00099          WHEN EIBAID = DFHPF5
532 00100              PERFORM 2000-DISPLAY-FIRST-CUSTOMER
533 00101      *
534 00102          WHEN EIBAID = DFHPF6
535 00103              PERFORM 3000-DISPLAY-LAST-CUSTOMER
536 00104      *
537 00105          WHEN EIBAID = DFHPF7
538 00106              PERFORM 4000-DISPLAY-PREV-CUSTOMER
539 00107      *
540 00108          WHEN EIBAID = DFHPF8
541 00109              PERFORM 5000-DISPLAY-NEXT-CUSTOMER
542 00110      *
543 00111          WHEN OTHER
544 00112              MOVE LOW-VALUE TO INQMFECD
545 00113              MOVE 'Invalid key pressed.' TO MESSAGE0
546 00114              SET SEND-DATAONLY-ALARM TO TRUE
547 00115              PERFORM 1500-SEND-INQUIRY-MAP
548 00116      *
549 00117          END-EVALUATE.
550 00118      *
551 00119          EXEC CICS
552 00120              RETURN TRANSID('IFEC')

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553 00121                                COMMAREA(COMMUNICATION-AREA)
554 00122                                END-EXEC.
555 00123                                *
556 00124                                1000-DISPLAY-SELECTED-CUSTOMER.
557 00125                                *
558 00126                                PERFORM 1100-RECEIVE-INQUIRY-MAP.
559 00127                                PERFORM 1200-EDIT-CUSTOMER-NUMBER.
560 00128                                IF VALID-DATA
561 00129                                    PERFORM 1300-READ-CUSTOMER-RECORD
562 00130                                    IF CUSTOMER-FOUND
563 00131                                        SET DISPLAY-NEW-CUSTOMER TO TRUE
564 00132                                        PERFORM 1400-DISPLAY-INQUIRY-RESULTS
565 00133                                        MOVE CM-CUSTOMER-NUMBER TO CA-CUSTOMER-NUMBER
566 00134                                    ELSE
567 00135                                        SET DISPLAY-SPACES TO TRUE
568 00136                                        PERFORM 1400-DISPLAY-INQUIRY-RESULTS
569 00137                                    END-IF
570 00138                                ELSE
571 00139                                    SET DISPLAY-LOW-VALUES TO TRUE
572 00140                                    PERFORM 1400-DISPLAY-INQUIRY-RESULTS
573 CICS 7.2.0 COMMAND LANGUAGE TRANSLATOR
DATE 29 MAR 23    PAGE 4
574 LINE SOURCE LISTING
575 00141                                END-IF.
576 00142                                *
577 00143                                1100-RECEIVE-INQUIRY-MAP.
578 00144                                *
579 00145                                EXEC CICS
580 00146                                    RECEIVE MAP('INQMFE')
581 00147                                    MAPSET('INQSFE')
582 00148                                    INTO(INQMFEI)
583 00149                                END-EXEC.
584 00150                                *
585 00151                                INSPECT INQMFEI
586 00152                                    REPLACING ALL '_' BY SPACE.
587 00153                                *
588 00154                                1200-EDIT-CUSTOMER-NUMBER.
589 00155                                *
590 00156                                IF          CUSTNOL = ZERO
591 00157                                    OR CUSTNOI = SPACE
592 00158                                    MOVE 'N' TO VALID-DATA-SW
593 00159                                    MOVE 'You must enter a customer number.' TO MESSAGE0
594 00160                                END-IF.
595 00161                                *
596 00162                                1300-READ-CUSTOMER-RECORD.
597 00163                                *
598 00164                                PERFORM 8000-CMF-OPEN.
599 00165                                EXEC CICS
600 00166                                    READ FILE('CMFFE')
601 00167                                    INTO(CUSTOMER-MASTER-RECORD)
602 00168                                    RIDFLD(CUSTNOI)
603 00169                                    RESP(RESPONSE-CODE)
604 00170                                END-EXEC.
605 00171                                *
606 00172                                IF RESPONSE-CODE = DFHRESP(NOTFND)
607 00173                                    MOVE 'N' TO CUSTOMER-FOUND-SW
608 00174                                    MOVE 'That customer does not exist.' TO MESSAGE0

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```

609 00175      ELSE
610 00176          IF RESPONSE-CODE NOT = DFHRESP(NORMAL)
611 00177              PERFORM 9999-TERMINATE-PROGRAM
612 00178          END-IF
613 00179      END-IF.
614 00180      *
615 00181      1400-DISPLAY-INQUIRY-RESULTS.
616 00182      *
617 00183          IF DISPLAY-NEW-CUSTOMER
618 00184              MOVE CM-CUSTOMER-NUMBER TO CUSTNOO
619 00185              MOVE CM-LAST-NAME      TO LNAMEO
620 00186              MOVE CM-FIRST-NAME    TO FNAMEO
621 00187              MOVE CM-ADDRESS       TO ADDRO
622 00188              MOVE CM-CITY         TO CITYO
623 00189              MOVE CM-STATE        TO STATEO
624 00190              MOVE CM-ZIP-CODE    TO ZIPCODEO
625 00191              MOVE SPACE          TO MESSAGEO
626 00192              SET SEND-DATAONLY    TO TRUE
627 00193          ELSE
628 00194              IF DISPLAY-SPACES
629 00195                  MOVE LOW-VALUE TO CUSTNOO
630 00196                  MOVE SPACE   TO LNAMEO
631 CICS 7.2.0 COMMAND LANGUAGE TRANSLATOR
632 LINE      SOURCE LISTING
633 00197              FNAMEO
634 00198              ADDRO
635 00199              CITYO
636 00200              STATEO
637 00201              ZIPCODEO
638 00202              SET SEND-DATAONLY-ALARM TO TRUE
639 00203          ELSE
640 00204              IF DISPLAY-LOW-VALUES
641 00205                  SET SEND-DATAONLY-ALARM TO TRUE
642 00206              END-IF
643 00207          END-IF
644 00208      END-IF.
645 00209      *
646 00210      PERFORM 1500-SEND-INQUIRY-MAP.
647 00211      *
648 00212      1500-SEND-INQUIRY-MAP.
649 00213      *
650 00214      MOVE 'IFEC' TO TRANIDO.
651 00215      *
652 00216      EVALUATE TRUE
653 00217          WHEN SEND-ERASE
654 00218              EXEC CICS
655 00219                  SEND MAP('INQMFE' )
656 00220                  MAPSET('INQSFEC')
657 00221                  FROM(INQMFE)
658 00222                  ERASE
659 00223              END-EXEC
660 00224          WHEN SEND-DATAONLY
661 00225              EXEC CICS
662 00226                  SEND MAP('INQMFE' )
663 00227                  MAPSET('INQSFEC')
664 00228                  FROM(INQMFE)

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```
665 00229          DATAONLY
666 00230          END-EXEC
667 00231      WHEN SEND-DATAONLY-ALARM
668 00232          EXEC CICS
669 00233              SEND MAP('INQMFEC')
670 00234                  MAPSET('INQSFEC')
671 00235                  FROM(INQMFECO)
672 00236                  DATAONLY
673 00237                  ALARM
674 00238          END-EXEC
675 00239      END-EVALUATE.
676 00240      *
677 00241      2000-DISPLAY-FIRST-CUSTOMER.
678 00242      *
679 00243          MOVE LOW-VALUE TO CM-CUSTOMER-NUMBER
680 00244                  INQMFECO.
681 00245          PERFORM 2100-START-CUSTOMER-BROWSE.
682 00246          IF CUSTOMER-FOUND
683 00247              PERFORM 2200-READ-NEXT-CUSTOMER
684 00248          END-IF.
685 00249          PERFORM 2300-END-CUSTOMER-BROWSE.
686 00250          IF CUSTOMER-FOUND
687 00251              SET DISPLAY-NEW-CUSTOMER TO TRUE
688 00252              PERFORM 1400-DISPLAY-INQUIRY-RESULTS
689 CICS 7.2.0 COMMAND LANGUAGE TRANSLATOR
DATE 29 MAR 23   PAGE 6
690 LINE          SOURCE LISTING
691 00253          MOVE CM-CUSTOMER-NUMBER TO CA-CUSTOMER-NUMBER
692 00254          ELSE
693 00255              SET DISPLAY-SPACES TO TRUE
694 00256              PERFORM 1400-DISPLAY-INQUIRY-RESULTS
695 00257          END-IF.
696 00258      *
697 00259      2100-START-CUSTOMER-BROWSE.
698 00260      *
699 00261          EXEC CICS
700 00262              STARTBR FILE('CMFFEC')
701 00263                  RIDFLD(CM-CUSTOMER-NUMBER)
702 00264                  RESP(RESPONSE-CODE)
703 00265          END-EXEC.
704 00266      *
705 00267          IF RESPONSE-CODE = DFHRESP(NORMAL)
706 00268              MOVE 'Y' TO CUSTOMER-FOUND-SW
707 00269              MOVE SPACE TO MESSAGE0
708 00270          ELSE
709 00271              IF RESPONSE-CODE = DFHRESP(NOTFND)
710 00272                  MOVE 'N' TO CUSTOMER-FOUND-SW
711 00273                  MOVE 'There are no customers in the file.'
712 00274                      TO MESSAGE0
713 00275              ELSE
714 00276                  PERFORM 9999-TERMINATE-PROGRAM
715 00277              END-IF
716 00278          END-IF.
717 00279      *
718 00280      2200-READ-NEXT-CUSTOMER.
719 00281      *
720 00282          EXEC CICS
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721 00283          READNEXT FILE('CMFFEC')
722 00284              INTO(CUSTOMER-MASTER-RECORD)
723 00285              RIDFLD(CM-CUSTOMER-NUMBER)
724 00286              RESP(RESPONSE-CODE)
725 00287          END-EXEC.
726 00288      *
727 00289          EVALUATE RESPONSE-CODE
728 00290              WHEN DFHRESP(NORMAL)
729 00291                  MOVE 'Y' TO CUSTOMER-FOUND-SW
730 00292              WHEN DFHRESP(ENDFILE)
731 00293                  MOVE 'N' TO CUSTOMER-FOUND-SW
732 00294                  MOVE 'There are no more records in the file.'
733 00295                      TO MESSAGE0
734 00296              WHEN OTHER
735 00297                  PERFORM 9999-TERMINATE-PROGRAM
736 00298          END-EVALUATE.
737 00299      *
738 00300      2300-END-CUSTOMER-BROWSE.
739 00301      *
740 00302          EXEC CICS
741 00303              ENDBR FILE('CMFFEC')
742 00304                  RESP(RESPONSE-CODE)
743 00305          END-EXEC.
744 00306      *
745 00307          IF RESPONSE-CODE NOT = DFHRESP(NORMAL)
746 00308              PERFORM 9999-TERMINATE-PROGRAM
747 CICS 7.2.0 COMMAND LANGUAGE TRANSLATOR
748 LINE          DATE 29 MAR 23    PAGE 7
749 00309          SOURCE LISTING
750 00310          *
751 00311          3000-DISPLAY-LAST-CUSTOMER.
752 00312      *
753 00313          MOVE HIGH-VALUE TO CM-CUSTOMER-NUMBER.
754 00314          MOVE LOW-VALUE  TO INQMFECD.
755 00315          PERFORM 2100-START-CUSTOMER-BROWSE.
756 00316          IF CUSTOMER-FOUND
757 00317              PERFORM 3100-READ-PREV-CUSTOMER
758 00318          END-IF.
759 00319          PERFORM 2300-END-CUSTOMER-BROWSE.
760 00320          IF CUSTOMER-FOUND
761 00321              SET DISPLAY-NEW-CUSTOMER TO TRUE
762 00322              PERFORM 1400-DISPLAY-INQUIRY-RESULTS
763 00323              MOVE CM-CUSTOMER-NUMBER TO CA-CUSTOMER-NUMBER
764 00324          ELSE
765 00325              SET DISPLAY-SPACES TO TRUE
766 00326              PERFORM 1400-DISPLAY-INQUIRY-RESULTS
767 00327          END-IF.
768 00328      *
769 00329          3100-READ-PREV-CUSTOMER.
770 00330      *
771 00331          EXEC CICS
772 00332              READPREV FILE('CMFFEC')
773 00333                  INTO(CUSTOMER-MASTER-RECORD)
774 00334                  RIDFLD(CM-CUSTOMER-NUMBER)
775 00335                  RESP(RESPONSE-CODE)
776 00336          END-EXEC.

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777 00337      *
778 00338      EVALUATE RESPONSE-CODE
779 00339          WHEN DFHRESP(NORMAL)
780 00340              MOVE 'Y' TO CUSTOMER-FOUND-SW
781 00341          WHEN DFHRESP(ENDFILE)
782 00342              MOVE 'N' TO CUSTOMER-FOUND-SW
783 00343              MOVE 'There are no more records in the file.'
784 00344                  TO MESSAGE0
785 00345          WHEN OTHER
786 00346              PERFORM 9999-TERMINATE-PROGRAM
787 00347      END-EVALUATE.
788 00348      *
789 00349      4000-DISPLAY-PREV-CUSTOMER.
790 00350      *
791 00351          MOVE CA-CUSTOMER-NUMBER TO CM-CUSTOMER-NUMBER.
792 00352          MOVE LOW-VALUE          TO INQMFECO.
793 00353          PERFORM 2100-START-CUSTOMER-BROWSE.
794 00354          IF CUSTOMER-FOUND
795 00355              PERFORM 2200-READ-NEXT-CUSTOMER
796 00356              PERFORM 3100-READ-PREV-CUSTOMER
797 00357              PERFORM 3100-READ-PREV-CUSTOMER
798 00358          END-IF.
799 00359          PERFORM 2300-END-CUSTOMER-BROWSE.
800 00360          IF CUSTOMER-FOUND
801 00361              SET DISPLAY-NEW-CUSTOMER TO TRUE
802 00362              PERFORM 1400-DISPLAY-INQUIRY-RESULTS
803 00363              MOVE CM-CUSTOMER-NUMBER TO CA-CUSTOMER-NUMBER
804 00364          ELSE
805 CICS 7.2.0 COMMAND LANGUAGE TRANSLATOR
806 LINE      SOURCE LISTING
807 00365          SET DISPLAY-LOW-VALUES TO TRUE
808 00366          PERFORM 1400-DISPLAY-INQUIRY-RESULTS
809 00367      END-IF.
810 00368      *
811 00369      5000-DISPLAY-NEXT-CUSTOMER.
812 00370      *
813 00371          MOVE CA-CUSTOMER-NUMBER TO CM-CUSTOMER-NUMBER.
814 00372          MOVE LOW-VALUE          TO INQMFECO.
815 00373          PERFORM 2100-START-CUSTOMER-BROWSE.
816 00374          IF CUSTOMER-FOUND
817 00375              PERFORM 2200-READ-NEXT-CUSTOMER
818 00376              PERFORM 2200-READ-NEXT-CUSTOMER
819 00377          END-IF.
820 00378          PERFORM 2300-END-CUSTOMER-BROWSE.
821 00379          IF CUSTOMER-FOUND
822 00380              SET DISPLAY-NEW-CUSTOMER TO TRUE
823 00381              PERFORM 1400-DISPLAY-INQUIRY-RESULTS
824 00382              MOVE CM-CUSTOMER-NUMBER TO CA-CUSTOMER-NUMBER
825 00383          ELSE
826 00384              SET DISPLAY-LOW-VALUES TO TRUE
827 00385              PERFORM 1400-DISPLAY-INQUIRY-RESULTS
828 00386          END-IF.
829 00387      *
830 00388      *
831 00389      8000-CMF-OPEN.
832 00390      *

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833 00391      MOVE SPACES                      TO WS-HA-EXEC-TEXT.
834 00392      MOVE ALL '='                      TO WS-HA-EXEC-TEXT-T1.
835 00393      MOVE 'ABEND'                        TO WS-HA-EXEC-TEXT-T2.
836 00394      MOVE 'EXEC CICS'                   TO WS-HA-EXEC-TEXT-T3.
837 00395      MOVE 'INQUIRE'                     TO WS-HA-EXEC-TEXT-T4.
838 00396      MOVE 'FILE=CMFFEC'                 TO WS-HA-EXEC-TEXT-T5.
839 00397      MOVE SPACES                      TO WS-HA-EXEC-TEXT-T6.
840 00398      MOVE WS-RT-MSG-NBR-TEXT(WS-HA-ERR-MSG-TRANSIDERR)
841 00399          TO WS-HA-EXEC-TEXT-T7.
842 00400      MOVE ALL '='                      TO WS-HA-EXEC-TEXT-T8.
843 00401      *
844 00402      EXEC CICS
845 00403          INQUIRE FILE('CMFFEC')
846 00404              OPENSTATUS(WS-CMF-OPEN-STATUS)
847 00405              ENABLESTATUS(WS-CMF-ENABLE-STATUS)
848 00406              RESP      (WS-RESPONSE-CODE)
849 00407              RESP2     (WS-RESPONSE-CODE)
850 00408      END-EXEC.
851 00409      *
852 00410      IF WS-CMF-OPEN-STATUS = DFHVALUE(CLOSED)
853 00411          MOVE 'SET FILE OPEN'                TO WS-HA-EXEC-TEXT-T4
854 00412          MOVE 'FILE=CMFFEC'                 TO WS-HA-EXEC-TEXT-T5
855 00413          EXEC CICS
856 00414              SET FILE('CMFFEC') OPEN
857 00415          END-EXEC
858 00416          MOVE 'Y' TO WS-CMF-OPEN
859 00417      ELSE IF WS-CMF-OPEN-STATUS = DFHVALUE(OPEN)
860 00418          NEXT SENTENCE
861 00419      ELSE
862 00420          PERFORM 9000-HANDLE-ABEND
863 CICS 7.2.0 COMMAND LANGUAGE TRANSLATOR
864 LINE      SOURCE LISTING
865 00421      END-IF.
866 00422      *
867 00423      *
868 00424      8100-CMF-CLOSE.
869 00425      *
870 00426      MOVE SPACES                      TO WS-HA-EXEC-TEXT.
871 00427      MOVE ALL '='                      TO WS-HA-EXEC-TEXT-T1.
872 00428      MOVE 'ABEND'                        TO WS-HA-EXEC-TEXT-T2.
873 00429      MOVE 'EXEC CICS'                   TO WS-HA-EXEC-TEXT-T3.
874 00430      MOVE 'INQUIRE'                     TO WS-HA-EXEC-TEXT-T4.
875 00431      MOVE 'FILE=CMFFEC'                 TO WS-HA-EXEC-TEXT-T5.
876 00432      MOVE SPACES                      TO WS-HA-EXEC-TEXT-T6.
877 00433      MOVE WS-RT-MSG-NBR-TEXT(WS-HA-ERR-MSG-FILENOTFOUND)
878 00434          TO WS-HA-EXEC-TEXT-T7.
879 00435      MOVE ALL '='                      TO WS-HA-EXEC-TEXT-T8.
880 00436      *
881 00437      EXEC CICS
882 00438          INQUIRE FILE      ('CMFFEC')
883 00439              OPENSTATUS    (WS-CMF-OPEN-STATUS)
884 00440              ENABLESTATUS  (WS-CMF-ENABLE-STATUS)
885 00441              RESP         (WS-RESPONSE-CODE)
886 00442              RESP2        (WS-RESPONSE-CODE)
887 00443      END-EXEC.
888 00444      *

```

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```

889 00445      IF WS-RESPONSE-CODE = DFHRESP(NORMAL)
890 00446          IF WS-CMF-OPEN-STATUS = DFHVALUE(OPEN)
891 00447              MOVE 'SET FILE CLOSED'      TO WS-HA-EXEC-TEXT-T4
892 00448              MOVE 'FILE=CMFFEC'          TO WS-HA-EXEC-TEXT-T5
893 00449              EXEC CICS
894 00450                  SET FILE ('CMFFEC') CLOSED
895 00451              END-EXEC
896 00452              MOVE WS-CLOSED-CNST          TO WS-CMF-OPEN
897 00453          END-IF
898 00454      ELSE
899 00455          PERFORM 9000-HANDLE-ABEND
900 00456      END-IF.
901 00457      *
902 00458      9000-HANDLE-ABEND.
903 00459      *
904 00460      MOVE WS-HA-EXEC-TEXT TO WS-HA-HANDLE-ABEND-MSG.
905 00461      *
906 00462      EXEC CICS
907 00463          SEND TEXT FROM(WS-HA-HANDLE-ABEND-MSG)
908 00464              FREEKB
909 00465              ERASE
910 00466      END-EXEC.
911 00467      *
912 00468      EXEC CICS
913 00469          RETURN
914 00470      END-EXEC.
915 00471      9999-TERMINATE-PROGRAM.
916 00472      *
917 00473      MOVE EIBRESP TO ERR-RESP.
918 00474      MOVE EIBRESP2 TO ERR-RESP2.
919 00475      MOVE EIBTRNID TO ERR-TRNID.
920 00476      MOVE EIBRSRCE TO ERR-RSRCE.

```

921 CICS 7.2.0 COMMAND LANGUAGE TRANSLATOR

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922 LINE SOURCE LISTING

923 00477 \*

```

924 00478      EXEC CICS
925 00479          XCTL PROGRAM('SYSERR')
926 00480          COMMAREA(ERROR-PARAMETERS)
927 00481      END-EXEC.
928 00482

```

929 NO MESSAGES PRODUCED BY TRANSLATOR.

930 TRANSLATION TIME:- 0.00 MINS.

931 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P200115

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932 Invocation parameters:

933 NOXREF,NODBCS,APOST,OBJECT,NODYNAM

934 PROCESS(CBL) statements:

935 Process rent,nodynam

936

937 IGYOS4020-W The "NSYMBOL(NATIONAL)" option was discarded due to option conflict resolution. The "NODBCS" option from

938 compiler invocation parameter took precedence.

939

940 Options in effect:

941 NOADATA

942 ADV

943 AFP(NOVOLATILE)  
 944 APOST  
 945 ARCH(8)  
 946 ARITH(COMPAT)  
 947 NOAWO  
 948 NOBLOCK0  
 949 BUFSIZE(4096)  
 950 NOCICS  
 951 CODEPAGE(1140)  
 952 NOCOMPILE(S)  
 953 NOCOPYLOC  
 954 NOCOPYRIGHT  
 955 NOCURRENCY  
 956 DATA(31)  
 957 NODBCS  
 958 NODECK  
 959 NODEFINE  
 960 NODIAGTRUNC  
 961 DISPSIGN(COMPAT)  
 962 NODLL  
 963 NODUMP  
 964 NODYNAM  
 965 NOEXIT  
 966 NOEXPORTALL  
 967 NOFASTSRT  
 968 FLAG(I,I)  
 969 NOFLAGSTD  
 970 HGPR(PRESERVE)  
 971 NOINITCHECK  
 972 NOINITIAL  
 973 INLINE  
 974 INTDATE(ANSI)  
 975 NOJTC  
 976 LANGUAGE(EN)  
 977 LINECOUNT(60)  
 978 NOLIST  
 979 LP(32)  
 980 NOMAP  
 981 MAXPCF(100000)  
 982 NOMDECK  
 983 NONAME  
 984 NSYMBOL(DBCS)  
 985 NONUMBER  
 986 NONUMCHECK  
 987 NUMPROC(NOPFD)  
 988 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P200115  
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 989 OBJECT  
 990 NOOFFSET  
 991 OPTIMIZE(0)  
 992 OUTDD(SYSOUT)  
 993 NOPARMCHECK  
 994 PGMNAME(COMPAT)  
 995 QUALIFY(COMPAT)  
 996 RENT  
 997 RMODE(AUTO)  
 998 NORULES

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999 NOSERVICE  
 1000 SEQUENCE  
 1001 SOURCE  
 1002 SPACE(1)  
 1003 NOSQL  
 1004 SQLCCSID  
 1005 NOSQLIMS  
 1006 NOSSRANGE  
 1007 NOSTGOPT  
 1008 SUPPRESS  
 1009 NOTERM  
 1010 NOTEST(NODWARF,NOSOURCE,NOSEPARATE)  
 1011 NOTHREAD  
 1012 TRUNC(STD)  
 1013 NOVBREF  
 1014 VLR(STANDARD)  
 1015 VSAMOPENFS(COMPAT)  
 1016 NOWORD  
 1017 XMLPARSE(XMLSS)  
 1018 NOXREF  
 1019 ZONEDATA(PFD)  
 1020 ZWB

1021 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P200115 CMINQFEC Date 03/29/2023  
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1022 LineID PL SL -----\*A-1-B---+----2-----3-----4-----5-----6-----7-|--

+----8 Map and Cross Reference

1023 000001 IDENTIFICATION DIVISION.  
 1024 000002 \*  
 1025 000003 PROGRAM-ID. CMINQFEC.  
 1026 000004 \*  
 1027 000005 ENVIRONMENT DIVISION.  
 1028 000006 \*  
 1029 000007 DATA DIVISION.  
 1030 000008 \*  
 1031 000009 WORKING-STORAGE SECTION.  
 1032 000010 \*  
 1033 000011 01 SWITCHES.  
 1034 000012 \*  
 1035 000013 05 VALID-DATA-SW PIC X(01) VALUE 'Y'.  
 1036 000014 88 VALID-DATA VALUE 'Y'.  
 1037 000015 05 CUSTOMER-FOUND-SW PIC X(01) VALUE 'Y'.  
 1038 000016 88 CUSTOMER-FOUND VALUE 'Y'.  
 1039 000017 \*  
 1040 000018 01 FLAGS.  
 1041 000019 \*  
 1042 000020 05 DISPLAY-FLAG PIC X(01).  
 1043 000021 88 DISPLAY-NEW-CUSTOMER VALUE '1'.  
 1044 000022 88 DISPLAY-SPACES VALUE '2'.  
 1045 000023 88 DISPLAY-LOW-VALUES VALUE '3'.  
 1046 000024 05 SEND-FLAG PIC X(01).  
 1047 000025 88 SEND-ERASE VALUE '1'.  
 1048 000026 88 SEND-DATAONLY VALUE '2'.  
 1049 000027 88 SEND-DATAONLY-ALARM VALUE '3'.  
 1050 000028 \*  
 1051 000029 \*  
 1052 000030 01 WS-CONSTANTS.  
 1053 000031 05 WS-YES-CNST PIC X VALUE 'Y'.

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1054 000032      05 WS-NO-CNST      PIC X VALUE 'N'.
1055 000033      05 WS-OPEN-CNST    PIC X VALUE 'Y'.
1056 000034      05 WS-CLOSED-CNST   PIC X VALUE 'N'.
1057 000035      05 WS-END-OF-SESSION-MESSAGE  PIC X(13)
1058 000036          VALUE 'Session ended'.
1059 000037      *
1060 000038      01 WS-CMF-FILE-STATUS-INFO.
1061 000039          05 WS-CMF-OPEN      PIC X.
1062 000040              88 WS-CMF-OPEN-88      VALUE 'Y'.
1063 000041              88 WS-CMF-CLOSED-88    VALUE 'Y'.
1064 000042          05 WS-CMF-OPEN-STATUS    PIC S9(8) COMP VALUE 0.
1065 000043          05 WS-CMF-ENABLE-STATUS    PIC S9(8) COMP VALUE 0.
1066 000044      *
1067 000045      01 WS-RESPONSE-CODE          PIC S9(8) COMP.
1068 000046      COPY ERRPARMS.
1069 000047C      *
1070 000048C      *****
1071 000049C      *
1072 000050C      * VARIABLES FOR USE WITH GENERAL ERROR MSG HANDLING (SINGLE LINE)
1073 000051C      *
1074 000052C      *****
1075 000053C      *
1076 000054C      01 WS-GM-GENERAL-ERROR-MSG.
1077 000055C          05 WS-GM-RESP      PIC S9(8) COMP.
1078 000056C          05 WS-GM-RESP2    PIC S9(8) COMP.
1079 000057C          05 WS-GM-TRNID    PIC X(4).
1080 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P200115 CMINQFEC Date 03/29/2023
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1081 LineID PL SL ----+*A-1-B--+---2---+---3---+---4---+---5---+---6---+---7-|--
      +---8 Map and Cross Reference
1082 000058C      05 WS-GM-RSRCE      PIC X(8).
1083 000059C      05 WS-GM-MSG          PIC X(68).
1084 000060C      *
1085 000061C      *****
1086 000062C      *
1087 000063C      * VARIABLES FOR USE WITH ERROR MSG HANDLING (EIGHT LINES)
1088 000064C      *
1089 000065C      *****
1090 000066C      *
1091 000067C      01 WS-EM-ERROR-MESSAGE.
1092 000068C          05 WS-EM-ERROR-LINE-1.
1093 000069C      *          ----+---1---+---2---+---3---+---4
1094 000070C          10 FILLER      PIC X(40)
1095 000071C              VALUE 'ERROR:Review details and correct problem'.
1096 000072C          10 FILLER      PIC X(39)
1097 000073C              VALUE ' in program or in the resource used. '.
1098 000074C      *          ----+---1---+---2---+---3---+---
1099 000075C          05 WS-EM-ERROR-LINE-2    PIC X(79) VALUE SPACE.
1100 000076C          05 WS-EM-ERROR-LINE-3.
1101 000077C              10 FILLER      PIC X(11)
1102 000078C                  VALUE 'EIBRESP = '.
1103 000079C              10 WS-EM-RESP      PIC Z(08)9.
1104 000080C              10 FILLER      PIC X(59) VALUE SPACE.
1105 000081C          05 WS-EM-ERROR-LINE-4.
1106 000082C              10 FILLER      PIC X(11)
1107 000083C                  VALUE 'EIBRESP2 = '.
1108 000084C              10 WS-EM-RESP2      PIC Z(08)9.

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1109 000085C          10 FILLER                      PIC X(59) VALUE SPACE.
1110 000086C          05 WS-EM-ERROR-LINE-5.
1111 000087C          10 FILLER                      PIC X(11)
1112 000088C              VALUE 'EIBTRNID = '.
1113 000089C          10 WS-EM-TRNID                  PIC X(04).
1114 000090C          10 FILLER                      PIC X(64) VALUE SPACE.
1115 000091C          05 WS-EM-ERROR-LINE-6.
1116 000092C          10 FILLER                      PIC X(11)
1117 000093C              VALUE 'EIBRSRCE = '.
1118 000094C          10 WS-EM-RSRCE                    PIC X(08).
1119 000095C          10 FILLER                      PIC X(60) VALUE SPACE.
1120 000096C          05 WS-EM-ERROR-LINE-7.
1121 000097C          10 FILLER                      PIC X(11)
1122 000098C              VALUE 'MESSAGE = '.
1123 000099C          10 WS-EM-MSG                      PIC X(68).
1124 000100C          05 WS-EM-ERROR-LINE-8            PIC X(79) VALUE SPACE.
1125 000101C      *
1126 000102C      *****
1127 000103C      *
1128 000104C      * VARIABLES FOR USE WITH HANDLE ABEND LOGIC
1129 000105C      *
1130 000106C      *****
1131 000107C      *
1132 000108C          01 WS-HA-HANDLE-ABEND-MSG.
1133 000109C              05 WS-HA-MSG-T1                  PIC X(79) VALUE SPACES.
1134 000110C              05 WS-HA-MSG-T2                  PIC X(79) VALUE SPACES.
1135 000111C              05 WS-HA-MSG-T3                  PIC X(79) VALUE SPACES.
1136 000112C              05 WS-HA-MSG-T4                  PIC X(79) VALUE SPACES.
1137 000113C              05 WS-HA-MSG-T5                  PIC X(79) VALUE SPACES.
1138 000114C              05 WS-HA-MSG-T6                  PIC X(79) VALUE SPACES.
1139 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P200115 CMINQFEC Date 03/29/2023
      Time 11:28:44 Page 5
1140 LineID PL SL ----+*A-1-B--+---2---+---3---+---4---+---5---+---6---+---7-|--
      +---8 Map and Cross Reference
1141 000115C          05 WS-HA-MSG-T7                  PIC X(79) VALUE SPACES.
1142 000116C          05 WS-HA-MSG-T8                  PIC X(79) VALUE SPACES.
1143 000117C      *
1144 000118C          01 WS-HANDLE-ABEND-MSGS.
1145 000119C              05 WS-HA-UNEXPECTED-ABEND          PIC X(20)
1146 000120C                  VALUE 'ABEND UNEXPECTED '.
1147 000121C      *              ----+---0---+---1
1148 000122C              05 WS-HA-UNHANDLED-ABEND          PIC X(20)
1149 000123C                  VALUE 'ABEND UNHANDLED '.
1150 000124C      *              ----+---0---+---1
1151 000125C          01 WS-HA-EXEC-TEXT.
1152 000126C              05 WS-HA-EXEC-TEXT-T1             PIC X(79) VALUE SPACES.
1153 000127C              05 WS-HA-EXEC-TEXT-T2             PIC X(79) VALUE SPACES.
1154 000128C              05 WS-HA-EXEC-TEXT-T3             PIC X(79) VALUE SPACES.
1155 000129C              05 WS-HA-EXEC-TEXT-T4             PIC X(79) VALUE SPACES.
1156 000130C              05 WS-HA-EXEC-TEXT-T5             PIC X(79) VALUE SPACES.
1157 000131C              05 WS-HA-EXEC-TEXT-T6             PIC X(79) VALUE SPACES.
1158 000132C              05 WS-HA-EXEC-TEXT-T7             PIC X(79) VALUE SPACES.
1159 000133C              05 WS-HA-EXEC-TEXT-T8             PIC X(79) VALUE SPACES.
1160 000134C      *
1161 000135C          01 WS-HA-ERR-MSG-NBRS.
1162 000136C              05 WS-HA-ERR-MSG-FILENOTFOUND     PIC 9(3) VALUE 12.
1163 000137C              05 WS-HA-ERR-MSG-PGMIDERR        PIC 9(3) VALUE 27.

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1164 000138C          05 WS-HA-ERR-MSG-TRANSIDERR      PIC 9(3)  VALUE 28.
1165 000139C          05 WS-HA-ERR-MSG-MAPFAIL        PIC 9(3)  VALUE 36.
1166 000140C          *
1167 000141C          *****
1168 000142C          *
1169 000143C          * VARIABLES FOR USE WITH RESPONSE TEXT TABLE LOOKUP LOGIC
1170 000144C          * WRITTEN BY - GREGORY OAKES - 2021-APR-15
1171 000145C          *
1172 000146C          *****
1173 000147C          * TRANSLATE EXEC CICS COMMANDS FROM NUMERIC VALUES TO X(15) TEXT
1174 000148C          * IN CICS PROGRAMS AND DISPLAY ERROR MESSAGE TO DECODE CODE ISSUES
1175 000149C          * OR HELP DEBUG ABEND ISSUES.
1176 000150C          *
1177 000151C          *****
1178 000152C          *                                     123456789012345
1179 000153C          01 WS-RT-MSG-TABLE-DATA.
1180 000154C          05 WS-RT-001-ERROR                  PIC X(15) VALUE "ERROR          ".
1181 000155C          05 WS-RT-002-RDATT                  PIC X(15) VALUE "RDATT          ".
1182 000156C          05 WS-RT-003-WRBRK                  PIC X(15) VALUE "WRBRK          ".
1183 000157C          05 WS-RT-004-EOF                    PIC X(15) VALUE "EOF            ".
1184 000158C          05 WS-RT-005-EODS                   PIC X(15) VALUE "EODS           ".
1185 000159C          05 WS-RT-006-EOC                    PIC X(15) VALUE "EOC            ".
1186 000160C          05 WS-RT-007-INBFMH                 PIC X(15) VALUE "INBFMH         ".
1187 000161C          05 WS-RT-008-ENDINPT                 PIC X(15) VALUE "ENDINPT        ".
1188 000162C          05 WS-RT-009-NONVAL                 PIC X(15) VALUE "NONVAL         ".
1189 000163C          05 WS-RT-010-NOSTART                 PIC X(15) VALUE "NOSTART        ".
1190 000164C          05 WS-RT-011-TERMIDERR             PIC X(15) VALUE "TERMIDERR       ".
1191 000165C          05 WS-RT-012-FILENOTFOUND            PIC X(15) VALUE "FILENOTFOUND    ".
1192 000166C          05 WS-RT-013-NOTFND                PIC X(15) VALUE "NOTFND         ".
1193 000167C          05 WS-RT-014-DUPREC                 PIC X(15) VALUE "DUPREC         ".
1194 000168C          05 WS-RT-015-DUPKEY                 PIC X(15) VALUE "DUPKEY         ".
1195 000169C          05 WS-RT-016-INVREQ                 PIC X(15) VALUE "INVREQ         ".
1196 000170C          05 WS-RT-017-IOERR                 PIC X(15) VALUE "IOERR          ".
1197 000171C          05 WS-RT-018-NOSPACE               PIC X(15) VALUE "NOSPACE        ".

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1198 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P200115 CMINQFEC Date 03/29/2023

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1199 LineID PL SL -----\*A-1-B--+-----2-----3-----4-----5-----6-----7-|--  
+----8 Map and Cross Reference

```

1200 000172C          05 WS-RT-019-NOTOPEN             PIC X(15) VALUE "NOTOPEN          ".
1201 000173C          05 WS-RT-020-ENDFILE             PIC X(15) VALUE "ENDFILE          ".
1202 000174C          05 WS-RT-021-ILLOGIC             PIC X(15) VALUE "ILLOGIC          ".
1203 000175C          05 WS-RT-022-LENGERR             PIC X(15) VALUE "LENGERR          ".
1204 000176C          05 WS-RT-023-QZERO              PIC X(15) VALUE "QZERO           ".
1205 000177C          05 WS-RT-024-SIGNAL              PIC X(15) VALUE "SIGNAL           ".
1206 000178C          05 WS-RT-025-QBUSY              PIC X(15) VALUE "QBUSY           ".
1207 000179C          05 WS-RT-026-ITEMERR             PIC X(15) VALUE "ITEMERR          ".
1208 000180C          05 WS-RT-027-PGMIDERR            PIC X(15) VALUE "PGMIDERR         ".
1209 000181C          05 WS-RT-028-TRANSIDERR           PIC X(15) VALUE "TRANSIDERR        ".
1210 000182C          05 WS-RT-029-ENDDATA             PIC X(15) VALUE "ENDDATA          ".
1211 000183C          05 WS-RT-030-INVTSREQ            PIC X(15) VALUE "INVTSREQ         ".
1212 000184C          05 WS-RT-031-EXPIRED             PIC X(15) VALUE "EXPIRED          ".
1213 000185C          05 WS-RT-032-RETPAGE             PIC X(15) VALUE "RETPAGE          ".
1214 000186C          05 WS-RT-033-RTEFAIL             PIC X(15) VALUE "RTEFAIL          ".
1215 000187C          05 WS-RT-034-RTESOME             PIC X(15) VALUE "RTESOME          ".
1216 000188C          05 WS-RT-035-TSIOERR             PIC X(15) VALUE "TSIOERR          ".
1217 000189C          05 WS-RT-036-MAPFAIL             PIC X(15) VALUE "MAPFAIL          ".
1218 000190C          05 WS-RT-037-INVERRTERM          PIC X(15) VALUE "INVERRTERM        ".

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1219	000191C	05 WS-RT-038-INVMP SZ	PIC X(15) VALUE "INVMP SZ	".
1220	000192C	05 WS-RT-039-IGREQID	PIC X(15) VALUE "IGREQID	".
1221	000193C	05 WS-RT-040-OVERFLOW	PIC X(15) VALUE "OVERFLOW	".
1222	000194C	05 WS-RT-041-INV LDC	PIC X(15) VALUE "INV LDC	".
1223	000195C	05 WS-RT-042-NOSTG	PIC X(15) VALUE "NOSTG	".
1224	000196C	05 WS-RT-043-JIDERR	PIC X(15) VALUE "JIDERR	".
1225	000197C	05 WS-RT-044-QIDERR	PIC X(15) VALUE "QIDERR	".
1226	000198C	05 WS-RT-045-NOJBUFSP	PIC X(15) VALUE "NOJBUFSP	".
1227	000199C	05 WS-RT-046-DSSTAT	PIC X(15) VALUE "DSSTAT	".
1228	000200C	05 WS-RT-047-SELNERR	PIC X(15) VALUE "SELNERR	".
1229	000201C	05 WS-RT-048-FUNCERR	PIC X(15) VALUE "FUNCERR	".
1230	000202C	05 WS-RT-049-UNEXPIN	PIC X(15) VALUE "UNEXPIN	".
1231	000203C	05 WS-RT-050-NOPASSBKRD	PIC X(15) VALUE "NOPASSBKRD	".
1232	000204C	05 WS-RT-051-NOPASSBKWR	PIC X(15) VALUE "NOPASSBKWR	".
1233	000205C	05 WS-RT-052-SEGIDERR	PIC X(15) VALUE "SEGIDERR	".
1234	000206C	05 WS-RT-053-SYSIDERR	PIC X(15) VALUE "SYSIDERR	".
1235	000207C	05 WS-RT-054-ISCINVREQ	PIC X(15) VALUE "ISCINVREQ	".
1236	000208C	05 WS-RT-055-ENQBUSY	PIC X(15) VALUE "ENQBUSY	".
1237	000209C	05 WS-RT-056-ENVDEFERR	PIC X(15) VALUE "ENVDEFERR	".
1238	000210C	05 WS-RT-057-IGREQCD	PIC X(15) VALUE "IGREQCD	".
1239	000211C	05 WS-RT-058-SESSIONERR	PIC X(15) VALUE "SESSIONERR	".
1240	000212C	05 WS-RT-059-SYSBUSY	PIC X(15) VALUE "SYSBUSY	".
1241	000213C	05 WS-RT-060-SESSBUSY	PIC X(15) VALUE "SESSBUSY	".
1242	000214C	05 WS-RT-061-NOTALLOC	PIC X(15) VALUE "NOTALLOC	".
1243	000215C	05 WS-RT-062-CBIDERR	PIC X(15) VALUE "CBIDERR	".
1244	000216C	05 WS-RT-063-INVEXITREQ	PIC X(15) VALUE "INVEXITREQ	".
1245	000217C	05 WS-RT-064-INVPARTNSET	PIC X(15) VALUE "INVPARTNSET	".
1246	000218C	05 WS-RT-065-INVPARTN	PIC X(15) VALUE "INVPARTN	".
1247	000219C	05 WS-RT-066-PARTNFAIL	PIC X(15) VALUE "PARTNFAIL	".
1248	000220C	05 WS-RT-067-NOTUSED	PIC X(15) VALUE "NOTUSED	".
1249	000221C	05 WS-RT-068-NOTUSED	PIC X(15) VALUE "NOTUSED	".
1250	000222C	05 WS-RT-069-USERIDERR	PIC X(15) VALUE "USERIDERR	".
1251	000223C	05 WS-RT-070-NOTAUTH	PIC X(15) VALUE "NOTAUTH	".
1252	000224C	05 WS-RT-071-VOLIDERR	PIC X(15) VALUE "VOLIDERR	".
1253	000225C	05 WS-RT-072-SUPPRESSED	PIC X(15) VALUE "SUPPRESSED	".
1254	000226C	05 WS-RT-073-NOTUSED	PIC X(15) VALUE "NOTUSED	".
1255	000227C	05 WS-RT-074-NOTUSED	PIC X(15) VALUE "NOTUSED	".
1256	000228C	05 WS-RT-075-RESIDERR	PIC X(15) VALUE "RESIDERR	".

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1258 LineID PL SL -----\*A-1-B--+---2-----3-----4-----5-----6-----7-|--  
+----8 Map and Cross Reference

1259	000229C	05 WS-RT-076-NOTUSED	PIC X(15) VALUE "NOTUSED	".
1260	000230C	05 WS-RT-077-NOTUSED	PIC X(15) VALUE "NOTUSED	".
1261	000231C	05 WS-RT-078-NOTUSED	PIC X(15) VALUE "NOTUSED	".
1262	000232C	05 WS-RT-079-NOTUSED	PIC X(15) VALUE "NOTUSED	".
1263	000233C	05 WS-RT-080-NOSPOOL	PIC X(15) VALUE "NOSPOOL	".
1264	000234C	05 WS-RT-081-TERMERR	PIC X(15) VALUE "TERMERR	".
1265	000235C	05 WS-RT-082-ROLLEDBACK	PIC X(15) VALUE "ROLLEDBACK	".
1266	000236C	05 WS-RT-083-END	PIC X(15) VALUE "END	".
1267	000237C	05 WS-RT-084-DISABLED	PIC X(15) VALUE "DISABLED	".
1268	000238C	05 WS-RT-085-ALLOCERR	PIC X(15) VALUE "ALLOCERR	".
1269	000239C	05 WS-RT-086-STRELERR	PIC X(15) VALUE "STRELERR	".
1270	000240C	05 WS-RT-087-OPENERR	PIC X(15) VALUE "OPENERR	".
1271	000241C	05 WS-RT-088-SPOLBUSY	PIC X(15) VALUE "SPOLBUSY	".
1272	000242C	05 WS-RT-089-SPOLERR	PIC X(15) VALUE "SPOLERR	".
1273	000243C	05 WS-RT-090-NODEIDERR	PIC X(15) VALUE "NODEIDERR	".

1274	000244C	05	WS-RT-091-TASKIDERR	PIC X(15)	VALUE "TASKIDERR	".
1275	000245C	05	WS-RT-092-TCIDERR	PIC X(15)	VALUE "TCIDERR	".
1276	000246C	05	WS-RT-093-DSNNOTFOUND	PIC X(15)	VALUE "DSNNOTFOUND	".
1277	000247C	05	WS-RT-094-LOADING	PIC X(15)	VALUE "LOADING	".
1278	000248C	05	WS-RT-095-MODELIDERR	PIC X(15)	VALUE "MODELIDERR	".
1279	000249C	05	WS-RT-096-OUTDESCRERR	PIC X(15)	VALUE "OUTDESCRERR	".
1280	000250C	05	WS-RT-097-PARTNERIDERR	PIC X(15)	VALUE "PARTNERIDERR	".
1281	000251C	05	WS-RT-098-PROFILEIDERR	PIC X(15)	VALUE "PROFILEIDERR	".
1282	000252C	05	WS-RT-099-NETNAMEIDERR	PIC X(15)	VALUE "NETNAMEIDERR	".
1283	000253C	05	WS-RT-100-LOCKED	PIC X(15)	VALUE "LOCKED	".
1284	000254C	05	WS-RT-101-RECORDBUSY	PIC X(15)	VALUE "RECORDBUSY	".
1285	000255C	05	WS-RT-102-UOWNOTFOUND	PIC X(15)	VALUE "UOWNOTFOUND	".
1286	000256C	05	WS-RT-103-UOWLNOTFOUND	PIC X(15)	VALUE "UOWLNOTFOUND	".
1287	000257C	05	WS-RT-104-LINKABEND	PIC X(15)	VALUE "LINKABEND	".
1288	000258C	05	WS-RT-105-CHANGED	PIC X(15)	VALUE "CHANGED	".
1289	000259C	05	WS-RT-106-PROCESSBUSY	PIC X(15)	VALUE "PROCESSBUSY	".
1290	000260C	05	WS-RT-107-ACTIVITYBUSY	PIC X(15)	VALUE "ACTIVITYBUSY	".
1291	000261C	05	WS-RT-108-PROCESSERR	PIC X(15)	VALUE "PROCESSERR	".
1292	000262C	05	WS-RT-109-ACTIVITYERR	PIC X(15)	VALUE "ACTIVITYERR	".
1293	000263C	05	WS-RT-110-CONTAINERERR	PIC X(15)	VALUE "CONTAINERERR	".
1294	000264C	05	WS-RT-111-EVENTERR	PIC X(15)	VALUE "EVENTERR	".
1295	000265C	05	WS-RT-112-TOKENERR	PIC X(15)	VALUE "TOKENERR	".
1296	000266C	05	WS-RT-113-NOTFINISHED	PIC X(15)	VALUE "NOTFINISHED	".
1297	000267C	05	WS-RT-114-POOLERR	PIC X(15)	VALUE "POOLERR	".
1298	000268C	05	WS-RT-115-TIMERERR	PIC X(15)	VALUE "TIMERERR	".
1299	000269C	05	WS-RT-116-SYMBOLERR	PIC X(15)	VALUE "SYMBOLERR	".
1300	000270C	05	WS-RT-117-TEMPLATERR	PIC X(15)	VALUE "TEMPLATERR	".
1301	000271C	05	WS-RT-118-NOTSUPERUSER	PIC X(15)	VALUE "NOTSUPERUSER	".
1302	000272C	05	WS-RT-119-CSDERR	PIC X(15)	VALUE "CSDERR	".
1303	000273C	05	WS-RT-120-DUPRES	PIC X(15)	VALUE "DUPRES	".
1304	000274C	05	WS-RT-121-RESUNAVAIL	PIC X(15)	VALUE "RESUNAVAIL	".
1305	000275C	05	WS-RT-122-CHANNELERR	PIC X(15)	VALUE "CHANNELERR	".
1306	000276C	05	WS-RT-123-CCSIDERR	PIC X(15)	VALUE "CCSIDERR	".
1307	000277C	05	WS-RT-124-TIMEDOUT	PIC X(15)	VALUE "TIMEDOUT	".
1308	000278C	05	WS-RT-125-CODEPAGEERR	PIC X(15)	VALUE "CODEPAGEERR	".
1309	000279C	05	WS-RT-126-INCOMPLETE	PIC X(15)	VALUE "INCOMPLETE	".
1310	000280C	05	WS-RT-127-APPNOTFOUND	PIC X(15)	VALUE "APPNOTFOUND	".

1311 000281C \* 123456789012345

1312 000282C \*

1313 000283C 01 WS-RT-MSG-TABLE-DATA-R REDEFINES WS-RT-MSG-TABLE-DATA.

1314 000284C 05 WS-RT-MSG-NBR-TEXT PIC X(15) OCCURS 127 TIMES.

1315 000285C \*

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1317 LineID PL SL ----+\*A-1-B-+----2----+----3----+----4----+----5----+----6----+----7-|--  
+----8 Map and Cross Reference

1318	000286C	01	WS-RT-RESP-NBR	PIC S9(8)	VALUE 0.
1319	000287C	88	WS-RT-RESP-NBR-VALID-88	VALUE 1 THRU 127.	
1320	000288C	*			
1321	000289C	01	WS-RT-RESP-NBR-INVALID-MSG	PIC X(15)	VALUE "INVALIDNBR".
1322	000290C	*			
1323	000291C	01	WS-RT-MSG.		
1324	000292C	05	WS-RT-MSG-HDR	PIC X(15)	VALUE SPACES.
1325	000293C	05	WS-RT-MSG-RESP-NBR	PIC S9(8)	VALUE 0.
1326	000294C	05	WS-RT-MSG-T1	PIC X(15)	VALUE SPACES.
1327	000295C	05	WS-RT-MSG-T2	PIC X(30)	VALUE SPACES.
1328	000296C	*			

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1329 000297C      01 WS-RT-MSG-HEADER      PIC X(30) VALUE SPACES.
1330 000298C      *
1331 000299C      01 WS-RT-MSG-NORMAL      PIC X(30) VALUE SPACES.
1332 000300C      *
1333 000301C      01 WS-RT-MSG-OTHER      PIC X(30) VALUE SPACES.
1334 000302C      *
1335 000303C      *****
1336 000304C      *
1337 000305C
1338 000306      01 COMMUNICATION-AREA.
1339 000307      *
1340 000308      05 CA-CUSTOMER-NUMBER      PIC X(06).
1341 000309      *
1342 000310      01 RESPONSE-CODE          PIC S9(08) COMP.
1343 000311      *
1344 000312      COPY CUSTMAS.
1345 000313C      01 CUSTOMER-MASTER-RECORD.
1346 000314C      *
1347 000315C      05 CM-CUSTOMER-NUMBER      PIC X(6).
1348 000316C      05 CM-FIRST-NAME          PIC X(20).
1349 000317C      05 CM-LAST-NAME          PIC X(30).
1350 000318C      05 CM-ADDRESS            PIC X(30).
1351 000319C      05 CM-CITY              PIC X(20).
1352 000320C      05 CM-STATE              PIC X(2).
1353 000321C      05 CM-ZIP-CODE          PIC X(10).
1354 000322C
1355 000323      *
1356 000324      COPY INQSFECD.
1357 000325C      01 INQMFECD.
1358 000326C      02 FILLER PIC X(12).
1359 000327C      02 TRANIDL COMP PIC S9(4).
1360 000328C      02 TRANIDF PICTURE X.
1361 000329C      02 FILLER REDEFINES TRANIDF.
1362 000330C      03 TRANIDA PICTURE X.
1363 000331C      02 TRANIDI PIC X(4).
1364 000332C      02 CUSTNOL COMP PIC S9(4).
1365 000333C      02 CUSTNOF PICTURE X.
1366 000334C      02 FILLER REDEFINES CUSTNOF.
1367 000335C      03 CUSTNOA PICTURE X.
1368 000336C      02 CUSTNOI PIC X(6).
1369 000337C      02 LNAMEL COMP PIC S9(4).
1370 000338C      02 LNAMEF PICTURE X.
1371 000339C      02 FILLER REDEFINES LNAMEF.
1372 000340C      03 LNAMEA PICTURE X.
1373 000341C      02 LNAMEI PIC X(30).
1374 000342C      02 FNAMEL COMP PIC S9(4).

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1376 LineID PL SL ----+\*A-1-B-+----2-+----3-+----4-+----5-+----6-+----7-|--  
+----8 Map and Cross Reference

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1377 000343C      02 FNAMEF PICTURE X.
1378 000344C      02 FILLER REDEFINES FNAMEF.
1379 000345C      03 FNAMEA PICTURE X.
1380 000346C      02 FNAMEI PIC X(20).
1381 000347C      02 ADDRDL COMP PIC S9(4).
1382 000348C      02 ADDRDF PICTURE X.
1383 000349C      02 FILLER REDEFINES ADDRDF.

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1384 000350C      03 ADDRA    PICTURE X.
1385 000351C      02 ADDRI    PIC X(30).
1386 000352C      02 CITYL    COMP PIC S9(4).
1387 000353C      02 CITYF    PICTURE X.
1388 000354C      02 FILLER REDEFINES CITYF.
1389 000355C      03 CITYA    PICTURE X.
1390 000356C      02 CITYI    PIC X(20).
1391 000357C      02 STATEL    COMP PIC S9(4).
1392 000358C      02 STATEF    PICTURE X.
1393 000359C      02 FILLER REDEFINES STATEF.
1394 000360C      03 STATEA    PICTURE X.
1395 000361C      02 STATEI    PIC X(2).
1396 000362C      02 ZIPCODEL  COMP PIC S9(4).
1397 000363C      02 ZIPCODEF  PICTURE X.
1398 000364C      02 FILLER REDEFINES ZIPCODEF.
1399 000365C      03 ZIPCODEA  PICTURE X.
1400 000366C      02 ZIPCODEI  PIC X(10).
1401 000367C      02 MESSAGEL  COMP PIC S9(4).
1402 000368C      02 MESSAGEF  PICTURE X.
1403 000369C      02 FILLER REDEFINES MESSAGEF.
1404 000370C      03 MESSAGEA  PICTURE X.
1405 000371C      02 MESSAGEI  PIC X(79).
1406 000372C      02 DUMMYL    COMP PIC S9(4).
1407 000373C      02 DUMMYF    PICTURE X.
1408 000374C      02 FILLER REDEFINES DUMMYF.
1409 000375C      03 DUMMYA    PICTURE X.
1410 000376C      02 DUMMYI    PIC X(1).
1411 000377C      01 INQMFECO REDEFINES INQMFECI.
1412 000378C      02 FILLER PIC X(12).
1413 000379C      02 FILLER PICTURE X(3).
1414 000380C      02 TRANIDO  PIC X(4).
1415 000381C      02 FILLER PICTURE X(3).
1416 000382C      02 CUSTNOO  PIC X(6).
1417 000383C      02 FILLER PICTURE X(3).
1418 000384C      02 LNAMEO  PIC X(30).
1419 000385C      02 FILLER PICTURE X(3).
1420 000386C      02 FNAMEO  PIC X(20).
1421 000387C      02 FILLER PICTURE X(3).
1422 000388C      02 ADDRO    PIC X(30).
1423 000389C      02 FILLER PICTURE X(3).
1424 000390C      02 CITYO    PIC X(20).
1425 000391C      02 FILLER PICTURE X(3).
1426 000392C      02 STATEO  PIC X(2).
1427 000393C      02 FILLER PICTURE X(3).
1428 000394C      02 ZIPCODEO  PIC X(10).
1429 000395C      02 FILLER PICTURE X(3).
1430 000396C      02 MESSAGEO  PIC X(79).
1431 000397C      02 FILLER PICTURE X(3).
1432 000398C      02 DUMMYO  PIC X(1).
1433 000399      *
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1435 LineID PL SL -----\*A-1-B-+-----2-+-----3-+-----4-+-----5-+-----6-+-----7-|--  
+-----8 Map and Cross Reference

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1436 000400      COPY DFHAID.
1437 000401C      *****
1438 000402C      *
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1439 000403C *
1440 000404C *
1441 000405C * Licensed Materials - Property of IBM
1442 000406C *
1443 000407C * "Restricted Materials of IBM"
1444 000408C *
1445 000409C * 5655-Y04
1446 000410C *
1447 000411C * (C) Copyright IBM Corp. 1988, 2010"
1448 000412C *
1449 000413C *
1450 000414C *
1451 000415C *
1452 000416C * STATUS = 7.2.0
1453 000417C *
1454 000418C * CHANGE ACTIVITY :
1455 000419C *
1456 000420C * $SEG(DFHAID),COMP(BMS),PROD(CICS TS ):
1457 000421C *
1458 000422C * PN= REASON REL YYMMDD HDXXIII : REMARKS
1459 000423C * $D1= I07991 670 100820 HDIGPG : Translate unprintable char
1460 000424C * $L0= Base 210 88 HD1MA : Base
1461 000425C *
1462 000426C *****
1463 000427C *
1464 000428C *
1465 000429C 01 DFHAID.
1466 000430C 02 DFHNULL PIC X VALUE IS X'00'.
1467 000431C 02 DFHENTER PIC X VALUE IS ' '.
1468 000432C 02 DFHCLEAR PIC X VALUE IS ' '.
1469 000433C 02 DFHCLRP PIC X VALUE IS 'A'.
1470 000434C 02 DFHPEN PIC X VALUE IS '='.
1471 000435C 02 DFHOPIID PIC X VALUE IS 'W'.
1472 000436C 02 DFHMSRE PIC X VALUE IS 'X'.
1473 000437C 02 DFHSTRF PIC X VALUE IS 'h'.
1474 000438C 02 DFHTRIG PIC X VALUE IS '"'.
1475 000439C 02 DFHPA1 PIC X VALUE IS '%'.
1476 000440C 02 DFHPA2 PIC X VALUE IS '>'.
1477 000441C 02 DFHPA3 PIC X VALUE IS ',''.
1478 000442C 02 DFHPF1 PIC X VALUE IS '1'.
1479 000443C 02 DFHPF2 PIC X VALUE IS '2'.
1480 000444C 02 DFHPF3 PIC X VALUE IS '3'.
1481 000445C 02 DFHPF4 PIC X VALUE IS '4'.
1482 000446C 02 DFHPF5 PIC X VALUE IS '5'.
1483 000447C 02 DFHPF6 PIC X VALUE IS '6'.
1484 000448C 02 DFHPF7 PIC X VALUE IS '7'.
1485 000449C 02 DFHPF8 PIC X VALUE IS '8'.
1486 000450C 02 DFHPF9 PIC X VALUE IS '9'.
1487 000451C 02 DFHPF10 PIC X VALUE IS ':'.
1488 000452C 02 DFHPF11 PIC X VALUE IS '#'.
1489 000453C 02 DFHPF12 PIC X VALUE IS '@'.
1490 000454C 02 DFHPF13 PIC X VALUE IS 'A'.
1491 000455C 02 DFHPF14 PIC X VALUE IS 'B'.
1492 000456C 02 DFHPF15 PIC X VALUE IS 'C'.

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1494 LineID PL SL -----\*A-1-B--+-----2-----3-----4-----5-----6-----7-|--

+----8 Map and Cross Reference

1495	000457C	02	DFHPPF16	PIC	X	VALUE IS 'D'.
1496	000458C	02	DFHPPF17	PIC	X	VALUE IS 'E'.
1497	000459C	02	DFHPPF18	PIC	X	VALUE IS 'F'.
1498	000460C	02	DFHPPF19	PIC	X	VALUE IS 'G'.
1499	000461C	02	DFHPPF20	PIC	X	VALUE IS 'H'.
1500	000462C	02	DFHPPF21	PIC	X	VALUE IS 'I'.
1501	000463C	02	DFHPPF22	PIC	X	VALUE IS 'J'.
1502	000464C	02	DFHPPF23	PIC	X	VALUE IS 'K'.
1503	000465C	02	DFHPPF24	PIC	X	VALUE IS 'L'.
1504	000466	*				
1505	000467		COPY	ERRPARM.		
1506	000468C	01	ERROR-PARAMETERS.			
1507	000469C	*				
1508	000470C	05	ERR-RESP	PIC	S9(8)	COMP.
1509	000471C	05	ERR-RESP2	PIC	S9(8)	COMP.
1510	000472C	05	ERR-TRNID	PIC	X(4).	
1511	000473C	05	ERR-RSRCE	PIC	X(8).	
1512	000474C					
1513	000475	*				
1514	000476					
1515	000477	01	dfhbb0020	comp-5	pic s9(4)	is global.
1516	000478	01	dfhbb0021	comp-5	pic s9(4)	is global.
1517	000479	01	dfhbb0022	comp-5	pic s9(4)	is global.
1518	000480	01	dfhbb0023	comp-5	pic s9(4)	is global.
1519	000481	01	dfhbb0024	comp-5	pic s9(4)	is global.
1520	000482	01	dfhbb0025	comp-5	pic s9(4)	is global.
1521	000483	01	dfhbc2550	pic	x(255)	is global.
1522	000484	01	dfhbc2551	pic	x(255)	is global.
1523	000485	01	dfhbc2552	pic	x(255)	is global.
1524	000486	01	dfhbc2553	pic	x(255)	is global.
1525	000487	01	dfhbc2460	pic	x(246)	is global.
1526	000488	01	dfhbc2400	pic	x(240)	is global.
1527	000489	01	dfhbc2401	pic	x(240)	is global.
1528	000490	01	dfhbc2402	pic	x(240)	is global.
1529	000491	01	dfhbc2403	pic	x(240)	is global.
1530	000492		LINKAGE SECTION.			
1531	000493	*				
1532	000494	01	dfheiblk.			
1533	000495	02	eibtime	comp-3	pic s9(7).	
1534	000496	02	eibdate	comp-3	pic s9(7).	
1535	000497	02	eibtrnid	pic	x(4).	
1536	000498	02	eibtaskn	comp-3	pic s9(7).	
1537	000499	02	eibtrmid	pic	x(4).	
1538	000500	02	dfheigdi	comp-5	pic s9(4).	
1539	000501	02	eibcposn	comp-5	pic s9(4).	
1540	000502	02	eibcalen	comp-5	pic s9(4).	
1541	000503	02	eibaid	pic	x(1).	
1542	000504	02	eibfn	pic	x(2).	
1543	000505	02	eibrcoef	pic	x(6).	
1544	000506	02	eibds	pic	x(8).	
1545	000507	02	eibreqid	pic	x(8).	
1546	000508	02	eibrsrce	pic	x(8).	
1547	000509	02	eibsync	pic	x(1).	
1548	000510	02	eibfree	pic	x(1).	
1549	000511	02	eibrecv	pic	x(1).	
1550	000512	02	eibfil01	pic	x(1).	

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1551 000513          02  eibatt  pic x(1).
1552 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P200115      CMINQFEC  Date 03/29/2023
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1553 LineID PL SL  ----+*A-1-B--+----2-----3-----4-----5-----6-----7-|--
      +----8 Map and Cross Reference
1554 000514          02  eibeoc  pic x(1).
1555 000515          02  eibfmh  pic x(1).
1556 000516          02  eibcompl pic x(1).
1557 000517          02  eibsig  pic x(1).
1558 000518          02  eibconf pic x(1).
1559 000519          02  eiberr  pic x(1).
1560 000520          02  eiberrcd pic x(4).
1561 000521          02  eibsynrb pic x(1).
1562 000522          02  eibnodat pic x(1).
1563 000523          02  eibresp comp-5 pic s9(8).
1564 000524          02  eibresp2 comp-5 pic s9(8).
1565 000525          02  eibrldbk pic x(1).
1566 000526          01  DFHCOMMAREA          PIC X(06).
1567 000527          *
1568 000528          PROCEDURE DIVISION using dfheiblk dfhcommarea.
1569 000529          *
1570 000530          0000-PROCESS-CUSTOMER-INQUIRY.
1571 000531          *
1572 000532          IF EIBCALEN > ZERO
1573 000533          1      MOVE DFHCOMMAREA TO COMMUNICATION-AREA
1574 000534          END-IF.
1575 000535          *
1576 000536          EVALUATE TRUE
1577 000537          *
1578 000538          WHEN EIBCALEN = ZERO
1579 000539          1      MOVE LOW-VALUE TO CA-CUSTOMER-NUMBER
1580 000540          1      MOVE LOW-VALUE TO INQMFECD
1581 000541          1      SET SEND-ERASE TO TRUE
1582 000542          1      PERFORM 1500-SEND-INQUIRY-MAP
1583 000543          *
1584 000544          WHEN EIBAID = DFHCLEAR
1585 000545          1      MOVE LOW-VALUE TO CA-CUSTOMER-NUMBER
1586 000546          1      MOVE LOW-VALUE TO INQMFECD
1587 000547          1      SET SEND-ERASE TO TRUE
1588 000548          1      PERFORM 1500-SEND-INQUIRY-MAP
1589 000549          *
1590 000550          WHEN EIBAID = DFHPA1 OR DFHPA2 OR DFHPA3
1591 000551          1      CONTINUE
1592 000552          *
1593 000553          WHEN EIBAID = DFHPF3 OR DFHPF12
1594 000554          1      PERFORM 8100-CMF-CLOSE
1595 000555          *EXEC CICS
1596 000556          *      XCTL PROGRAM('UUMENFEC')
1597 000557          *END-EXEC
1598 000558          1      Call 'DFHEI1' using by content x'0e0480000700000200f0
1599 000559          1      - 'f0f0f9f2404040' by content 'UUMENFEC' end-call
1600 000560
1601 000561          *
1602 000562          WHEN EIBAID = DFHENTER
1603 000563          1      PERFORM 1000-DISPLAY-SELECTED-CUSTOMER
1604 000564          *
1605 000565          WHEN EIBAID = DFHPF5

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1606 000566      1          PERFORM 2000-DISPLAY-FIRST-CUSTOMER
1607 000567          *
1608 000568          WHEN EIBAIID = DFHPF6
1609 000569      1          PERFORM 3000-DISPLAY-LAST-CUSTOMER
1610 000570          *
1611 PP 5655-EC6 IBM Enterprise COBOL for z/OS  6.3.0 P200115      CMINQFEC  Date 03/29/2023
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1612 LineID  PL SL  ----+*A-1-B-+----2-+----3-+----4-+----5-+----6-+----7-|--
      +----8 Map and Cross Reference
1613 000571          WHEN EIBAIID = DFHPF7
1614 000572      1          PERFORM 4000-DISPLAY-PREV-CUSTOMER
1615 000573          *
1616 000574          WHEN EIBAIID = DFHPF8
1617 000575      1          PERFORM 5000-DISPLAY-NEXT-CUSTOMER
1618 000576          *
1619 000577          WHEN OTHER
1620 000578      1          MOVE LOW-VALUE TO INQMFECD
1621 000579      1          MOVE 'Invalid key pressed.' TO MESSAGEO
1622 000580      1          SET SEND-DATAONLY-ALARM TO TRUE
1623 000581      1          PERFORM 1500-SEND-INQUIRY-MAP
1624 000582          *
1625 000583          END-EVALUATE.
1626 000584          *
1627 000585          *EXEC CICS
1628 000586          *  RETURN TRANSID('IFEC')
1629 000587          *  COMMAREA(COMMUNICATION-AREA)
1630 000588          *END-EXEC.
1631 000589          Move length of COMMUNICATION-AREA to dfhb0020
1632 000590          Call 'DFHEI1' using by content x'0e08e0000700001000f0f0f1f1f9
1633 000591          -  '404040' by content 'IFEC' by reference COMMUNICATION-AREA by
1634 000592          reference dfhb0020 end-call.
1635 000593          *
1636 000594          1000-DISPLAY-SELECTED-CUSTOMER.
1637 000595          *
1638 000596          PERFORM 1100-RECEIVE-INQUIRY-MAP.
1639 000597          PERFORM 1200-EDIT-CUSTOMER-NUMBER.
1640 000598          IF VALID-DATA
1641 000599      1          PERFORM 1300-READ-CUSTOMER-RECORD
1642 000600      1          IF CUSTOMER-FOUND
1643 000601      2          SET DISPLAY-NEW-CUSTOMER TO TRUE
1644 000602      2          PERFORM 1400-DISPLAY-INQUIRY-RESULTS
1645 000603      2          MOVE CM-CUSTOMER-NUMBER TO CA-CUSTOMER-NUMBER
1646 000604      1          ELSE
1647 000605      2          SET DISPLAY-SPACES TO TRUE
1648 000606      2          PERFORM 1400-DISPLAY-INQUIRY-RESULTS
1649 000607      1          END-IF
1650 000608          ELSE
1651 000609      1          SET DISPLAY-LOW-VALUES TO TRUE
1652 000610      1          PERFORM 1400-DISPLAY-INQUIRY-RESULTS
1653 000611          END-IF.
1654 000612          *
1655 000613          1100-RECEIVE-INQUIRY-MAP.
1656 000614          *
1657 000615          *EXEC CICS
1658 000616          *  RECEIVE MAP('INQMFECD')
1659 000617          *  MAPSET('INQSFECD')
1660 000618          *  INTO(INQMFECD)

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1661 000619 *END-EXEC.
1662 000620 Call 'DFHEI1' using by content x'1802d000070000000050900000
1663 000621 - '20f0f0f1f4f5404040' by content 'INQMFEI' by reference
1664 000622 INQMFEI by content x'0000' by content 'INQSFEI' end-call.
1665 000623
1666 000624
1667 000625 *
1668 000626 INSPECT INQMFEI
1669 000627 REPLACING ALL '_' BY SPACE.
1670 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P200115 CMINQFEC Date 03/29/2023
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1671 LineID PL SL ----+*A-1-B--+----2----+----3----+----4----+----5----+----6----+----7-|--
+----8 Map and Cross Reference
1672 000628 *
1673 000629 1200-EDIT-CUSTOMER-NUMBER.
1674 000630 *
1675 000631 IF CUSTNOL = ZERO
1676 000632 OR CUSTNOI = SPACE
1677 000633 1 MOVE 'N' TO VALID-DATA-SW
1678 000634 1 MOVE 'You must enter a customer number.' TO MESSAGEO
1679 000635 END-IF.
1680 000636 *
1681 000637 1300-READ-CUSTOMER-RECORD.
1682 000638 *
1683 000639 PERFORM 8000-CMF-OPEN.
1684 000640 *EXEC CICS
1685 000641 * READ FILE('CMFFEC')
1686 000642 * INTO(CUSTOMER-MASTER-RECORD)
1687 000643 * RIDFLD(CUSTNOI)
1688 000644 * RESP(RESPONSE-CODE)
1689 000645 *END-EXEC.
1690 000646 Move length of CUSTOMER-MASTER-RECORD to dfhb0020
1691 000647 Call 'DFHEI1' using by content x'0602f0002700008000f0f0f1f6f5
1692 000648 - '404040' by content 'CMFFEC' by reference
1693 000649 CUSTOMER-MASTER-RECORD by reference dfhb0020 by reference
1694 000650 CUSTNOI end-call Move eibresp to RESPONSE-CODE.
1695 000651
1696 000652 *
1697 000653 * DFHRESP(NOTFND) = 13 INSERTED BY TRANSLATOR
1698 000654 IF RESPONSE-CODE = 13
1699 000655 1 MOVE 'N' TO CUSTOMER-FOUND-SW
1700 000656 1 MOVE 'That customer does not exist.' TO MESSAGEO
1701 000657 ELSE
1702 000658 * DFHRESP(NORMAL) = 0 INSERTED BY TRANSLATOR
1703 000659 1 IF RESPONSE-CODE NOT = 0
1704 000660 2 PERFORM 9999-TERMINATE-PROGRAM
1705 000661 1 END-IF
1706 000662 END-IF.
1707 000663 *
1708 000664 1400-DISPLAY-INQUIRY-RESULTS.
1709 000665 *
1710 000666 IF DISPLAY-NEW-CUSTOMER
1711 000667 1 MOVE CM-CUSTOMER-NUMBER TO CUSTNOO
1712 000668 1 MOVE CM-LAST-NAME TO LNAMEO
1713 000669 1 MOVE CM-FIRST-NAME TO FNAMEO
1714 000670 1 MOVE CM-ADDRESS TO ADDRO
1715 000671 1 MOVE CM-CITY TO CITYO

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1716 000672      1      MOVE CM-STATE      TO STATEO
1717 000673      1      MOVE CM-ZIP-CODE    TO ZIPCODEO
1718 000674      1      MOVE SPACE          TO MESSAGEO
1719 000675      1      SET SEND-DATAONLY    TO TRUE
1720 000676      ELSE
1721 000677      1      IF DISPLAY-SPACES
1722 000678      2          MOVE LOW-VALUE TO CUSTNOO
1723 000679      2          MOVE SPACE      TO LNAMEO
1724 000680      2          FNAMEO
1725 000681      2          ADDRO
1726 000682      2          CITYO
1727 000683      2          STATEO
1728 000684      2          ZIPCODEO
1729 PP 5655-EC6 IBM Enterprise COBOL for z/OS  6.3.0 P200115      CMINQFEC  Date 03/29/2023
      Time 11:28:44      Page 15
1730 LineID  PL SL  ----+*A-1-B--+---2---+---3---+---4---+---5---+---6---+---7-|--
      +---8 Map and Cross Reference
1731 000685      2          SET SEND-DATAONLY-ALARM TO TRUE
1732 000686      1          ELSE
1733 000687      2          IF DISPLAY-LOW-VALUES
1734 000688      3          SET SEND-DATAONLY-ALARM TO TRUE
1735 000689      2          END-IF
1736 000690      1          END-IF
1737 000691      END-IF.
1738 000692      *
1739 000693      PERFORM 1500-SEND-INQUIRY-MAP.
1740 000694      *
1741 000695      1500-SEND-INQUIRY-MAP.
1742 000696      *
1743 000697      MOVE 'IFEC' TO TRANIDO.
1744 000698      *
1745 000699      EVALUATE TRUE
1746 000700      WHEN SEND-ERASE
1747 000701      *EXEC CICS
1748 000702      *  SEND MAP('INQMFE')
1749 000703      *  MAPSET('INQSFE')
1750 000704      *  FROM(INQMFE)
1751 000705      *  ERASE
1752 000706      *END-EXEC
1753 000707      1          Move length of INQMFE to dfhb0020
1754 000708      1          Call 'DFHEI1' using by content x'1804f000070000000005
1755 000709      1      -  'e204000020f0f2f1f8404040' by content 'INQMFE' by
1756 000710      1          reference INQMFE by reference dfhb0020 by content 'INQSFE'
1757 000711      1          end-call
1758 000712
1759 000713      WHEN SEND-DATAONLY
1760 000714      *EXEC CICS
1761 000715      *  SEND MAP('INQMFE')
1762 000716      *  MAPSET('INQSFE')
1763 000717      *  FROM(INQMFE)
1764 000718      *  DATAONLY
1765 000719      *END-EXEC
1766 000720      1          Move length of INQMFE to dfhb0020
1767 000721      1          Call 'DFHEI1' using by content x'1804f000070000000005
1768 000722      1      -  '2004000020f0f2f2f5404040' by content 'INQMFE' by
1769 000723      1          reference INQMFE by reference dfhb0020 by content 'INQSFE'
1770 000724      1          end-call

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1771 000725
1772 000726                WHEN SEND-DATAONLY-ALARM
1773 000727                *EXEC CICS
1774 000728                *   SEND MAP('INQMFE' )
1775 000729                *   MAPSET('INQSFE' )
1776 000730                *   FROM(INQMFE )
1777 000731                *   DATAONLY
1778 000732                *   ALARM
1779 000733                *END-EXEC
1780 000734                1                Move length of INQMFE to dfhb0020
1781 000735                1                Call 'DFHEI1' using by content x'1804f0000700c40000d
1782 000736                1                - '2004000020f0f2f3f2404040' by content 'INQMFE' by
1783 000737                1                reference INQMFE by reference dfhb0020 by content 'INQSFE'
1784 000738                1                end-call
1785 000739
1786 000740
1787 000741                END-EVALUATE.
1788 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P200115                CMINQFEC Date 03/29/2023
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1789 LineID PL SL  ----*A-1-B-+----2-+----3-+----4-+----5-+----6-+----7-|---
+----8 Map and Cross Reference
1790 000742                *
1791 000743                2000-DISPLAY-FIRST-CUSTOMER.
1792 000744                *
1793 000745                MOVE LOW-VALUE TO CM-CUSTOMER-NUMBER
1794 000746                INQMFE.
1795 000747                PERFORM 2100-START-CUSTOMER-BROWSE.
1796 000748                IF CUSTOMER-FOUND
1797 000749                1                PERFORM 2200-READ-NEXT-CUSTOMER
1798 000750                END-IF.
1799 000751                PERFORM 2300-END-CUSTOMER-BROWSE.
1800 000752                IF CUSTOMER-FOUND
1801 000753                1                SET DISPLAY-NEW-CUSTOMER TO TRUE
1802 000754                1                PERFORM 1400-DISPLAY-INQUIRY-RESULTS
1803 000755                1                MOVE CM-CUSTOMER-NUMBER TO CA-CUSTOMER-NUMBER
1804 000756                ELSE
1805 000757                1                SET DISPLAY-SPACES TO TRUE
1806 000758                1                PERFORM 1400-DISPLAY-INQUIRY-RESULTS
1807 000759                END-IF.
1808 000760                *
1809 000761                2100-START-CUSTOMER-BROWSE.
1810 000762                *
1811 000763                *EXEC CICS
1812 000764                *   STARTBR FILE('CMFFE' )
1813 000765                *   RIDFLD(CM-CUSTOMER-NUMBER)
1814 000766                *   RESP(RESPONSE-CODE)
1815 000767                *END-EXEC.
1816 000768                Call 'DFHEI1' using by content x'060cb000270020a000f0f2f6f1
1817 000769                - '404040' by content 'CMFFE' ' by content x'0000' by content
1818 000770                x'0000' by reference CM-CUSTOMER-NUMBER end-call
1819 000771                Move eibresp to RESPONSE-CODE.
1820 000772
1821 000773                *
1822 000774                * DFHRESP(NORMAL) = 0                INSERTED BY TRANSLATOR
1823 000775                IF RESPONSE-CODE = 0
1824 000776                1                MOVE 'Y' TO CUSTOMER-FOUND-SW
1825 000777                1                MOVE SPACE TO MESSAGE0

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1826 000778          ELSE
1827 000779          * DFHRESP(NOTFND) = 13                      INSERTED BY TRANSLATOR
1828 000780          1          IF RESPONSE-CODE = 13
1829 000781          2          MOVE 'N' TO CUSTOMER-FOUND-SW
1830 000782          2          MOVE 'There are no customers in the file.'
1831 000783          2          TO MESSAGEO
1832 000784          1          ELSE
1833 000785          2          PERFORM 9999-TERMINATE-PROGRAM
1834 000786          1          END-IF
1835 000787          END-IF.
1836 000788          *
1837 000789          2200-READ-NEXT-CUSTOMER.
1838 000790          *
1839 000791          *EXEC CICS
1840 000792          *      READNEXT FILE('CMFFEC')
1841 000793          *      INTO(CUSTOMER-MASTER-RECORD)
1842 000794          *      RIDFLD(CM-CUSTOMER-NUMBER)
1843 000795          *      RESP(RESPONSE-CODE)
1844 000796          *END-EXEC.
1845 000797          Move length of CUSTOMER-MASTER-RECORD to dfhb0020
1846 000798          Call 'DFHEI1' using by content x'060ef400270000b000f0f0f2f8f2
1847 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P200115      CMINQFEC Date 03/29/2023
      Time 11:28:44 Page 17
1848 LineID PL SL -----*A-1-B-----2-----3-----4-----5-----6-----7-|--
      +----8 Map and Cross Reference
1849 000799          -      '404040' by content 'CMFFEC ' by reference
1850 000800          CUSTOMER-MASTER-RECORD by reference dfhb0020 by reference
1851 000801          CM-CUSTOMER-NUMBER by content x'0000' by content x'0000'
1852 000802          end-call      Move eibresp to RESPONSE-CODE.
1853 000803          *
1854 000804          EVALUATE RESPONSE-CODE
1855 000805          * DFHRESP(NORMAL) = 0                      INSERTED BY TRANSLATOR
1856 000806          WHEN 0
1857 000807          1          MOVE 'Y' TO CUSTOMER-FOUND-SW
1858 000808          * DFHRESP(ENDFILE) = 20                      INSERTED BY TRANSLATOR
1859 000809          WHEN 20
1860 000810          1          MOVE 'N' TO CUSTOMER-FOUND-SW
1861 000811          1          MOVE 'There are no more records in the file.'
1862 000812          1          TO MESSAGEO
1863 000813          WHEN OTHER
1864 000814          1          PERFORM 9999-TERMINATE-PROGRAM
1865 000815          END-EVALUATE.
1866 000816          *
1867 000817          2300-END-CUSTOMER-BROWSE.
1868 000818          *
1869 000819          *EXEC CICS
1870 000820          *      ENDBR FILE('CMFFEC')
1871 000821          *      RESP(RESPONSE-CODE)
1872 000822          *END-EXEC.
1873 000823          Call 'DFHEI1' using by content x'0612a0002700001100f0f0f3f0f2
1874 000824          -      '404040' by content 'CMFFEC ' by content x'0000' by content
1875 000825          x'0000' end-call
1876 000826          Move eibresp to RESPONSE-CODE.
1877 000827          *
1878 000828          * DFHRESP(NORMAL) = 0                      INSERTED BY TRANSLATOR
1879 000829          IF RESPONSE-CODE NOT = 0
1880 000830          1          PERFORM 9999-TERMINATE-PROGRAM

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1881 000831          END-IF.
1882 000832          *
1883 000833          3000-DISPLAY-LAST-CUSTOMER.
1884 000834          *
1885 000835          MOVE HIGH-VALUE TO CM-CUSTOMER-NUMBER.
1886 000836          MOVE LOW-VALUE TO INQMFECD.
1887 000837          PERFORM 2100-START-CUSTOMER-BROWSE.
1888 000838          IF CUSTOMER-FOUND
1889 000839          1          PERFORM 3100-READ-PREV-CUSTOMER
1890 000840          END-IF.
1891 000841          PERFORM 2300-END-CUSTOMER-BROWSE.
1892 000842          IF CUSTOMER-FOUND
1893 000843          1          SET DISPLAY-NEW-CUSTOMER TO TRUE
1894 000844          1          PERFORM 1400-DISPLAY-INQUIRY-RESULTS
1895 000845          1          MOVE CM-CUSTOMER-NUMBER TO CA-CUSTOMER-NUMBER
1896 000846          ELSE
1897 000847          1          SET DISPLAY-SPACES TO TRUE
1898 000848          1          PERFORM 1400-DISPLAY-INQUIRY-RESULTS
1899 000849          END-IF.
1900 000850          *
1901 000851          3100-READ-PREV-CUSTOMER.
1902 000852          *
1903 000853          *EXEC CICS
1904 000854          * READPREV FILE('CMFFEC')
1905 000855          * INTO(CUSTOMER-MASTER-RECORD)
1906 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P200115 CMINQFEC Date 03/29/2023
      Time 11:28:44 Page 18
1907 LineID PL SL -----*A-1-B-+-----2-+-----3-+-----4-+-----5-+-----6-+-----7-|--
      +-----8 Map and Cross Reference
1908 000856          *          RIDFLD(CM-CUSTOMER-NUMBER)
1909 000857          *          RESP(RESPONSE-CODE)
1910 000858          *END-EXEC.
1911 000859          Move length of CUSTOMER-MASTER-RECORD to dfhb0020
1912 000860          Call 'DFHEI1' using by content x'0610f400270000b400f0f0f3f3f1
1913 000861          - '404040' by content 'CMFFEC' by reference
1914 000862          CUSTOMER-MASTER-RECORD by reference dfhb0020 by reference
1915 000863          CM-CUSTOMER-NUMBER by content x'0000' by content x'0000'
1916 000864          end-call          Move eibresp to RESPONSE-CODE.
1917 000865          *
1918 000866          EVALUATE RESPONSE-CODE
1919 000867          * DFHRESP(NORMAL) = 0          INSERTED BY TRANSLATOR
1920 000868          WHEN 0
1921 000869          1          MOVE 'Y' TO CUSTOMER-FOUND-SW
1922 000870          * DFHRESP(ENDFILE) = 20          INSERTED BY TRANSLATOR
1923 000871          WHEN 20
1924 000872          1          MOVE 'N' TO CUSTOMER-FOUND-SW
1925 000873          1          MOVE 'There are no more records in the file.'
1926 000874          1          TO MESSAGEO
1927 000875          WHEN OTHER
1928 000876          1          PERFORM 9999-TERMINATE-PROGRAM
1929 000877          END-EVALUATE.
1930 000878          *
1931 000879          4000-DISPLAY-PREV-CUSTOMER.
1932 000880          *
1933 000881          MOVE CA-CUSTOMER-NUMBER TO CM-CUSTOMER-NUMBER.
1934 000882          MOVE LOW-VALUE TO INQMFECD.
1935 000883          PERFORM 2100-START-CUSTOMER-BROWSE.

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1936 000884          IF CUSTOMER-FOUND
1937 000885          1      PERFORM 2200-READ-NEXT-CUSTOMER
1938 000886          1      PERFORM 3100-READ-PREV-CUSTOMER
1939 000887          1      PERFORM 3100-READ-PREV-CUSTOMER
1940 000888          END-IF.
1941 000889          PERFORM 2300-END-CUSTOMER-BROWSE.
1942 000890          IF CUSTOMER-FOUND
1943 000891          1      SET DISPLAY-NEW-CUSTOMER TO TRUE
1944 000892          1      PERFORM 1400-DISPLAY-INQUIRY-RESULTS
1945 000893          1      MOVE CM-CUSTOMER-NUMBER TO CA-CUSTOMER-NUMBER
1946 000894          ELSE
1947 000895          1      SET DISPLAY-LOW-VALUES TO TRUE
1948 000896          1      PERFORM 1400-DISPLAY-INQUIRY-RESULTS
1949 000897          END-IF.
1950 000898          *
1951 000899          5000-DISPLAY-NEXT-CUSTOMER.
1952 000900          *
1953 000901          MOVE CA-CUSTOMER-NUMBER TO CM-CUSTOMER-NUMBER.
1954 000902          MOVE LOW-VALUE          TO INQMFECD.
1955 000903          PERFORM 2100-START-CUSTOMER-BROWSE.
1956 000904          IF CUSTOMER-FOUND
1957 000905          1      PERFORM 2200-READ-NEXT-CUSTOMER
1958 000906          1      PERFORM 2200-READ-NEXT-CUSTOMER
1959 000907          END-IF.
1960 000908          PERFORM 2300-END-CUSTOMER-BROWSE.
1961 000909          IF CUSTOMER-FOUND
1962 000910          1      SET DISPLAY-NEW-CUSTOMER TO TRUE
1963 000911          1      PERFORM 1400-DISPLAY-INQUIRY-RESULTS
1964 000912          1      MOVE CM-CUSTOMER-NUMBER TO CA-CUSTOMER-NUMBER
1965 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P200115 CMINQFEC Date 03/29/2023
      Time 11:28:44 Page 19
1966 LineID PL SL ----+*A-1-B--+---2---+---3---+---4---+---5---+---6---+---7-|--
      +---8 Map and Cross Reference
1967 000913          ELSE
1968 000914          1      SET DISPLAY-LOW-VALUES TO TRUE
1969 000915          1      PERFORM 1400-DISPLAY-INQUIRY-RESULTS
1970 000916          END-IF.
1971 000917          *
1972 000918          *
1973 000919          8000-CMF-OPEN.
1974 000920          *
1975 000921          MOVE SPACES                      TO WS-HA-EXEC-TEXT.
1976 000922          MOVE ALL '='                      TO WS-HA-EXEC-TEXT-T1.
1977 000923          MOVE 'ABEND'                      TO WS-HA-EXEC-TEXT-T2.
1978 000924          MOVE 'EXEC CICS'                  TO WS-HA-EXEC-TEXT-T3.
1979 000925          MOVE 'INQUIRE'                  TO WS-HA-EXEC-TEXT-T4.
1980 000926          MOVE 'FILE=CMFFEC'              TO WS-HA-EXEC-TEXT-T5.
1981 000927          MOVE SPACES                      TO WS-HA-EXEC-TEXT-T6.
1982 000928          MOVE WS-RT-MSG-NBR-TEXT(WS-HA-ERR-MSG-TRANSIDERR)
1983 000929          TO WS-HA-EXEC-TEXT-T7.
1984 000930          MOVE ALL '='                      TO WS-HA-EXEC-TEXT-T8.
1985 000931          *
1986 000932          *EXEC CICS
1987 000933          *   INQUIRE FILE('CMFFEC')
1988 000934          *   OPENSTATUS(WS-CMF-OPEN-STATUS)
1989 000935          *   ENABLESTATUS(WS-CMF-ENABLE-STATUS)
1990 000936          *   RESP          (WS-RESPONSE-CODE)

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1991 000937      *      RESP2      (WS-RESPONSE-CODE)
1992 000938      *END-EXEC.
1993 000939          Call 'DFHEI1' using by content x'4c028006278006000000000000f0
1994 000940      -      'f0f4f0f2404040' by content 'CMFFEC ' by content x'0000' by
1995 000941          content x'0000' by content x'0000' by content x'0000' by
1996 000942          content x'0000' by content x'0000' by content x'0000' by
1997 000943          content x'0000' by content x'0000' by content x'0000' by
1998 000944          content x'0000' by content x'0000' by reference
1999 000945          WS-CMF-OPEN-STATUS by reference WS-CMF-ENABLE-STATUS end-call
2000 000946                      Move eibresp to WS-RESPONSE-CODE
2001 000947                      Move eibresp2 to WS-RESPONSE-CODE.
2002 000948
2003 000949      *
2004 000950      * DFHVALUE(CLOSED) = 19                      INSERTED BY TRANSLATOR
2005 000951          IF WS-CMF-OPEN-STATUS = 19
2006 000952      1              MOVE 'SET FILE OPEN'          TO WS-HA-EXEC-TEXT-T4
2007 000953      1              MOVE 'FILE=CMFFEC'          TO WS-HA-EXEC-TEXT-T5
2008 000954      *EXEC CICS
2009 000955      *      SET FILE('CMFFEC') OPEN
2010 000956      *END-EXEC
2011 000957      1          Call 'DFHEI1' using by content x'4c04800007800000000000080
2012 000958      1      -      '00f0f0f4f1f3404040' by content 'CMFFEC ' end-call
2013 000959
2014 000960      1          MOVE 'Y' TO WS-CMF-OPEN
2015 000961      * DFHVALUE(OPEN) = 18                      INSERTED BY TRANSLATOR
2016 000962      1          ELSE IF WS-CMF-OPEN-STATUS = 18
2017 000963      2              NEXT SENTENCE
2018 000964      1          ELSE
2019 000965      2              PERFORM 9000-HANDLE-ABEND
2020 000966      1          END-IF.
2021 000967      *
2022 000968      *
2023 000969          8100-CMF-CLOSE.
2024 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P200115      CMINQFEC Date 03/29/2023
      Time 11:28:44      Page 20
2025 LineID PL SL  ----+*A-1-B--+----2-----3-----4-----5-----6-----7-|--
      +-----8 Map and Cross Reference
2026 000970      *
2027 000971          MOVE SPACES                      TO WS-HA-EXEC-TEXT.
2028 000972          MOVE ALL '='                      TO WS-HA-EXEC-TEXT-T1.
2029 000973          MOVE 'ABEND'                      TO WS-HA-EXEC-TEXT-T2.
2030 000974          MOVE 'EXEC CICS'                  TO WS-HA-EXEC-TEXT-T3.
2031 000975          MOVE 'INQUIRE'                  TO WS-HA-EXEC-TEXT-T4.
2032 000976          MOVE 'FILE=CMFFEC'          TO WS-HA-EXEC-TEXT-T5.
2033 000977          MOVE SPACES                      TO WS-HA-EXEC-TEXT-T6.
2034 000978          MOVE WS-RT-MSG-NBR-TEXT(WS-HA-ERR-MSG-FILENOTFOUND)
2035 000979              TO WS-HA-EXEC-TEXT-T7.
2036 000980          MOVE ALL '='                      TO WS-HA-EXEC-TEXT-T8.
2037 000981      *
2038 000982      *EXEC CICS
2039 000983      *      INQUIRE FILE      ('CMFFEC')
2040 000984      *          OPENSTATUS      (WS-CMF-OPEN-STATUS)
2041 000985      *          ENABLESTATUS(WS-CMF-ENABLE-STATUS)
2042 000986      *          RESP            (WS-RESPONSE-CODE)
2043 000987      *          RESP2          (WS-RESPONSE-CODE)
2044 000988      *END-EXEC.
2045 000989          Call 'DFHEI1' using by content x'4c028006278006000000000000f0

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2046 000990      - 'f0f4f3f7404040' by content 'CMFFEC ' by content x'0000' by
2047 000991      content x'0000' by content x'0000' by content x'0000' by
2048 000992      content x'0000' by content x'0000' by content x'0000' by
2049 000993      content x'0000' by content x'0000' by content x'0000' by
2050 000994      content x'0000' by content x'0000' by reference
2051 000995      WS-CMF-OPEN-STATUS by reference WS-CMF-ENABLE-STATUS end-call
2052 000996      Move eibresp to WS-RESPONSE-CODE
2053 000997      Move eibresp2 to WS-RESPONSE-CODE.
2054 000998
2055 000999      *
2056 001000      * DFHRESP(NORMAL) = 0                                INSERTED BY TRANSLATOR
2057 001001      IF WS-RESPONSE-CODE = 0
2058 001002      * DFHVALUE(OPEN) = 18                                INSERTED BY TRANSLATOR
2059 001003      1          IF WS-CMF-OPEN-STATUS = 18
2060 001004      2          MOVE 'SET FILE CLOSED'                TO WS-HA-EXEC-TEXT-T4
2061 001005      2          MOVE 'FILE=CMFFEC'                    TO WS-HA-EXEC-TEXT-T5
2062 001006      *EXEC CICS
2063 001007      *   SET FILE ('CMFFEC') CLOSED
2064 001008      *END-EXEC
2065 001009      2          Call 'DFHEI1' using by content x'4c048000078000000000
2066 001010      2      - '004000f0f0f4f4f9404040' by content 'CMFFEC ' end-call
2067 001011
2068 001012      2          MOVE WS-CLOSED-CNST                TO WS-CMF-OPEN
2069 001013      1          END-IF
2070 001014      ELSE
2071 001015      1          PERFORM 9000-HANDLE-ABEND
2072 001016      END-IF.
2073 001017      *
2074 001018      9000-HANDLE-ABEND.
2075 001019      *
2076 001020      MOVE WS-HA-EXEC-TEXT TO WS-HA-HANDLE-ABEND-MSG.
2077 001021      *
2078 001022      *EXEC CICS
2079 001023      *   SEND TEXT FROM(WS-HA-HANDLE-ABEND-MSG)
2080 001024      *   FREEKB
2081 001025      *   ERASE
2082 001026      *END-EXEC.
2083 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P200115      CMINQFEC Date 03/29/2023
      Time 11:28:44 Page 21
2084 LineID PL SL ----+*A-1-B--+----2-----3-----4-----5-----6-----7-|--
      +----8 Map and Cross Reference
2085 001027      Move length of WS-HA-HANDLE-ABEND-MSG to dfhb0020
2086 001028      Call 'DFHEI1' using by content x'180660000700c200000822040000
2087 001029      - '20f0f0f4f6f2404040' by content x'0000' by reference
2088 001030      WS-HA-HANDLE-ABEND-MSG by reference dfhb0020 end-call.
2089 001031
2090 001032      *
2091 001033      *EXEC CICS
2092 001034      *   RETURN
2093 001035      *END-EXEC.
2094 001036      Call 'DFHEI1' using by content x'0e0800000700001000f0f0f4f6f8
2095 001037      - '404040' end-call.
2096 001038
2097 001039      9999-TERMINATE-PROGRAM.
2098 001040      *
2099 001041      MOVE EIBRESP TO ERR-RESP.
2100 001042      MOVE EIBRESP2 TO ERR-RESP2.

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2101 001043          MOVE EIBTRNID TO ERR-TRNID.
2102 001044          MOVE EIBRSRCE TO ERR-RSRCE.
2103 001045          *
2104 001046          *EXEC CICS
2105 001047          *    XCTL PROGRAM('SYSERR')
2106 001048          *    COMMAREA(ERROR-PARAMETERS)
2107 001049          *END-EXEC.
2108 001050          Move length of ERROR-PARAMETERS to dfhb0020
2109 001051          Call 'DFHEI1' using by content x'0e04e000070000200f0f4f7f8
2110 001052          - '404040' by content 'SYSERR ' by reference ERROR-PARAMETERS
2111 001053          by reference dfhb0020 end-call.
2112 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P200115      CMINQFEC  Date 03/29/2023
      Time 11:28:44  Page 22
2113 LineID  Message code  Message text
2114
2115          IGYDS0139-W  Diagnostic messages were issued during processing of compiler options.
      These messages are located at the
2116          beginning of the listing.
2117 Messages      Total      Informational      Warning      Error      Severe      Terminating
2118 Printed:      2              2
2119 * Statistics for COBOL program CMINQFEC:
2120 *      Source records = 1053
2121 *      Data Division statements = 367
2122 *      Procedure Division statements = 203
2123 *      Generated COBOL statements = 0
2124 *      Program complexity factor = 211
2125 End of compilation 1, program CMINQFEC, highest severity 4.
2126 Return code 4
2127 DATA SET UTILITY - GENERATE
      PAGE 0001
2128
2129 PROCESSING ENDED AT EOD
2130 z/OS V2 R4 BINDER      11:28:48 WEDNESDAY MARCH 29, 2023
2131 BATCH EMULATOR  JOB(CMINQFEC) STEP(COMPLI ) PGM= IEWL      PROCEDURE(LKED )
2132 IEW2278I B352 INVOCATION PARAMETERS - LIST,XREF,MAP
2133 IEW2322I 1220 1 INCLUDE SYSLIB(DFHECI)
2134
2135          *** M O D U L E  M A P ***
2136
2137 -----
2138 CLASS  C_CODE          LENGTH =      30A0  ATTRIBUTES = CAT,    LOAD, RMODE=ANY
2139          OFFSET =      0  IN SEGMENT 001      ALIGN = DBLWORD
2140 -----
2141
2142 SECTION      CLASS
2143 OFFSET      OFFSET  NAME          TYPE      LENGTH  DDNAME      SEQ  MEMBER
2144
2145          0      0  CMINQFEC      CSECT      30A0  SYSLIN      02  **NULL**
2146          0      0  CMINQFEC#C      LABEL
2147          0      0  CMINQFEC      LABEL
2148
2149 -----
2150 CLASS  B_TEXT          LENGTH =      BF8  ATTRIBUTES = CAT,    LOAD, RMODE=ANY
2151          OFFSET =      30A0  IN SEGMENT 001      ALIGN = DBLWORD
2152 -----
2153
2154 SECTION      CLASS          ----- SOURCE -----

```



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2155	OFFSET	OFFSET	NAME	TYPE	LENGTH	DDNAME	SEQ	MEMBER
2156								
2157		0	DFHECI	CSECT	20	SYSLIB	02	DFHECI
2158	8	8	DFHEI1	LABEL				
2159	8	8	DLZEI01	LABEL				
2160	8	8	DLZEI02	LABEL				
2161	8	8	DLZEI03	LABEL				
2162	8	8	DLZEI04	LABEL				
2163								
2164		20	IGZXS61	* CSECT	10	SYSLIB	03	IGZXS61
2165								
2166		30	CEESG004	* CSECT	34	SYSLIB	03	CEESG004
2167								
2168		68	IGZXRT1	* CSECT	12	SYSLIB	03	IGZXRT1
2169								
2170		80	IGZXVMO	* CSECT	12	SYSLIB	03	IGZXVMO
2171								
2172		98	IGZXCMSG	* CSECT	12	SYSLIB	03	IGZXCMSG
2173								
2174		B0	IGZXPRS	* CSECT	12	SYSLIB	03	IGZXPRS
2175								
2176		C8	IGZXBST4	* CSECT	4E0	SYSLIB	03	IGZXBST4
2177								
2178		5A8	CEEBETBL	* CSECT	28	SYSLIB	03	CEEBETBL
2179								
2180		5D0	CEESTART	* CSECT	B0	SYSLIB	03	CEESTART
2181								
2182		680	CEEBPUBT	* CSECT	70	SYSLIB	03	CEEBPUBT
2183								
2184		6F0	CEEBTRM	* CSECT	74	SYSLIB	03	CEEBTRM
2185								
2186		768	CEECPYRT	* CSECT	CF	SYSLIB	03	CEEBTRM
2187								
2188		838	CEEBLLST	* CSECT	5C	SYSLIB	03	CEEBLLST
2189	10	848	CEELLIST	LABEL				
2190								
2191		898	CEEBINT	* CSECT	8	SYSLIB	03	CEEBINT
2192								
2193		8A0	CEEARLU	* CSECT	B8	SYSLIB	03	CEEARLU
2194								

\*\*\* M O D U L E M A P \*\*\*

2197	SECTION	CLASS	NAME	TYPE	LENGTH	DDNAME	SOURCE	MEMBER
2198	OFFSET	OFFSET					SEQ	
2199								
2200		958	CEEBPIRA	* CSECT	2A0	SYSLIB	03	CEEINT
2201	0	958	CEEINT	LABEL				
2202	0	958	CEEBPIRB	LABEL				
2203	0	958	CEEBPIRC	LABEL				
2204								
2205								
2206	-----							
2207	CLASS	C_@@PPA2	LENGTH =	8	ATTRIBUTES =	MRG,	LOAD,	RMODE=ANY
2208			OFFSET =	3C98	IN SEGMENT	001	ALIGN =	DBLWORD
2209	-----							
2210								
2211		CLASS						



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```

2212          OFFSET  NAME          TYPE      LENGTH  SECTION
2213              0  $PRIV000010      PART          8  CMINQFEC
2214
2215 -----
2216 CLASS  C_@@CSINIT          LENGTH =          4  ATTRIBUTES = MRG,   LOAD, RMODE=ANY
2217              OFFSET =          3CA0 IN SEGMENT 001      ALIGN = DBLWORD
2218 -----
2219
2220          CLASS
2221          OFFSET  NAME          TYPE      LENGTH  SECTION
2222              0  $PRIV000011      PART          4  CMINQFEC
2223
2224 -----
2225 CLASS  B_LIT          LENGTH =          100  ATTRIBUTES = CAT,   LOAD, RMODE=ANY
2226              OFFSET =          3CA8 IN SEGMENT 001      ALIGN = DBLWORD
2227 -----
2228
2229 SECTION      CLASS
2230  OFFSET  OFFSET  NAME          TYPE      LENGTH  DDNAME  SOURCE  SEQ  MEMBER
2231
2232              0  IEWBLIT          CSECT          100              **NULL**
2233          0      0  IEWBLIT          LABEL
2234
2235 -----
2236 CLASS  C_WSA          LENGTH =          EC  ATTRIBUTES = MRG, DEFER , RMODE=ANY
2237              OFFSET =          0 IN SEGMENT 002      ALIGN = DBLWORD
2238 -----
2239
2240          CLASS
2241          OFFSET  NAME          TYPE      LENGTH  SECTION
2242              0  $PRIV000012      PART          10
2243              10  CMINQFEC#S      PART          DC  CMINQFEC
2244
2245 -----
2246 CLASS  C_CEESG003          LENGTH =          0  ATTRIBUTES = CAT, NOLOAD
2247
2248 -----
2249
2250 SECTION      CLASS
2251  OFFSET  OFFSET  NAME          TYPE      LENGTH  DDNAME  SOURCE  SEQ  MEMBER
2252
2253              0  CMINQFEC          CSECT          0  SYSLIN      02  **NULL**
2254          ***  DATA SET SUMMARY  ***
2255
2256 DDNAME      CONCAT  FILE IDENTIFICATION
2257
2258 SYSLIB      02      DFH550.CICS.SDFHLOAD
2259 SYSLIB      03      CEE.SCEELKED
2260 SYSLIN      02      SYS23088.T112838.RA000.CMINQFEC.LOADSET.H01
2261          ***  SYMBOL REFERENCES NOT ASSOCIATED WITH ANY ADCON  ***
2262
2263 TYPE      SCOPE      NAME
2264
2265
2266          ***  E N D   O F   M O D U L E   M A P  ***
2267
2268

```

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

2269

2270

2271

2272 TEXT CLASS = C\_CODE

2273

2274 ----- R E F E R E N C E ----- T A R G E T

2275	CLASS	ELEMENT			
2276	OFFSET SECT/PART(ABBREV)	OFFSET TYPE	SYMBOL(ABBREV)	SECTION (ABBREV)	
2277	OFFSET CLASS NAME				
2278	24 CMINQFEC	24 A-CON	CMINQFEC#C	CMINQFEC	
	0 C_CODE				
2279	2C CMINQFEC	2C A-CON	CMINQFEC#C	CMINQFEC	
	0 C_CODE				
2280	30 CMINQFEC	30 A-CON	CMINQFEC#C	CMINQFEC	
	0 C_CODE				
2281	34 CMINQFEC	34 A-CON	CMINQFEC#C	CMINQFEC	
	0 C_CODE				
2282	38 CMINQFEC	38 V-CON	IGZXBST4	IGZXBST4	
	0 B_TEXT				
2283	3C CMINQFEC	3C A-CON	CMINQFEC#C	CMINQFEC	
	0 C_CODE				
2284	44 CMINQFEC	44 A-CON	CMINQFEC#C	CMINQFEC	
	0 C_CODE				
2285	208C CMINQFEC	208C Q-CON	CMINQFEC#S	\$NON-RELOCATABLE	
	10 C_WSA				
2286	2090 CMINQFEC	2090 V-CON	DFHEI1	DFHECI	
	8 B_TEXT				
2287	2094 CMINQFEC	2094 V-CON	IGZXPRS	IGZXPRS	
	0 B_TEXT				
2288	2098 CMINQFEC	2098 V-CON	IGZXCMSG	IGZXCMSG	
	0 B_TEXT				
2289	209C CMINQFEC	209C A-CON	CMINQFEC#C	CMINQFEC	
	0 C_CODE				
2290	20A0 CMINQFEC	20A0 A-CON	CMINQFEC#C	CMINQFEC	
	0 C_CODE				
2291	20A4 CMINQFEC	20A4 V-CON	IGZXVMO	IGZXVMO	
	0 B_TEXT				
2292	20A8 CMINQFEC	20A8 V-CON	IGZXRT1	IGZXRT1	
	0 B_TEXT				
2293	21CC CMINQFEC	21CC A-CON	CMINQFEC#C	CMINQFEC	
	0 C_CODE				
2294	21D8 CMINQFEC	21D8 A-CON	CMINQFEC#C	CMINQFEC	
	0 C_CODE				
2295	2340 CMINQFEC	2340 A-CON	CMINQFEC#C	CMINQFEC	
	0 C_CODE				
2296	2DC8 CMINQFEC	2DC8 A-CON	CMINQFEC#C	CMINQFEC	
	0 C_CODE				
2297	2FEC CMINQFEC	2FEC A-CON	CEESTART	CEESTART	
	0 B_TEXT				
2298	2FEC CMINQFEC	2FEC A-CON	CMINQFEC#C	CMINQFEC	
	0 C_CODE				
2299	3004 CMINQFEC	3004 A-CON	CMINQFEC#C	CMINQFEC	
	0 C_CODE				

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2300	3008 CMINQFEC		3008 V-CON		CEESTART	CEESTART
	0 B_TEXT					
2301	300C CMINQFEC		300C V-CON		CEEBETBL	CEEBETBL
	0 B_TEXT					
2302	305C CMINQFEC		305C Q-CON		CMINQFEC#S	\$NON-RELOCATABLE
	10 C_WSA					

2303

2304

2305 TEXT CLASS = B\_TEXT

2306

2307 ----- R E F E R E N C E ----- T A R G E T

2308	CLASS		ELEMENT			
	ELEMENT					
2309	OFFSET SECT/PART(ABBREV)		OFFSET	TYPE		SYMBOL(ABBREV) SECTION (ABBREV)
	OFFSET CLASS NAME					
2310						
2311	44 CEESG004		14 A-CON		IGZEOPT	\$UNRESOLVED(W)
2312	48 CEESG004		18 A-CON		IGZETUN	\$UNRESOLVED(W)
2313	4C CEESG004		1C A-CON		IGZXRES1	\$UNRESOLVED(W)
2314	50 CEESG004		20 A-CON		IEWBLIT	IEWBLIT
	0 B_LIT					
2315	518 IGZXBST4		450 V-CON		CEEINT	CEEBPIRA
	0 B_TEXT					
2316	51C IGZXBST4		454 V-CON		CEEARLU	CEEARLU
	0 B_TEXT					
2317	520 IGZXBST4		458 A-CON		CEESG004	CEESG004
	0 B_TEXT					
2318	5AC CEEBETBL		4 V-CON		CEEBXITA	\$UNRESOLVED(W)
2319	5B0 CEEBETBL		8 V-CON		CEEBINT	CEEBINT
	0 B_TEXT					
2320	5B4 CEEBETBL		C V-CON		CEEBLLST	CEEBLLST
	0 B_TEXT					
2321	5B8 CEEBETBL		10 V-CON		CEEUOPT	\$UNRESOLVED(W)
2322	5BC CEEBETBL		14 V-CON		CEEBTRM	CEEBTRM
	0 B_TEXT					
2323	5C4 CEEBETBL		1C V-CON		CEEBPUBT	CEEBPUBT
	0 B_TEXT					
2324	5C8 CEEBETBL		20 V-CON		IEWBLIT	IEWBLIT
	0 B_LIT					

2325

2326

2327

2328

2329

2330 TEXT CLASS = B\_TEXT

2331

2332 ----- R E F E R E N C E ----- T A R G E T

2333	CLASS		ELEMENT		
	ELEMENT				

2334	OFFSET	SECT/PART(ABBREV)	OFFSET	TYPE	SYMBOL(ABBREV)	SECTION (ABBREV)
	OFFSET	CLASS NAME				
2335						
2336	62C	CEESTART	5C	A-CON	CEEMAIN	\$UNRESOLVED(W)
2337	63C	CEESTART	6C	C-LEN		\$NON-RELOCATABLE
	B_PRV					
2338	668	CEESTART	98	A-CON	CEEFMAIN	\$UNRESOLVED(W)
2339	674	CEESTART	A4	A-CON	CEEBETBL	CEEBETBL
	0 B_TEXT					
2340	678	CEESTART	A8	A-CON	CEERootA	\$UNRESOLVED(W)
2341	67C	CEESTART	AC	A-CON	CEERootD	\$UNRESOLVED(W)
2342	75C	CEEBTRM	6C	A-CON	CEEBPUBT	CEEBPUBT
	0 B_TEXT					
2343	848	CEEBLLST	10	A-CON	CEESG000	\$UNRESOLVED(W)
2344	84C	CEEBLLST	14	A-CON	CEESG001	\$UNRESOLVED(W)
2345	850	CEEBLLST	18	A-CON	CEESG002	\$UNRESOLVED(W)
2346	854	CEEBLLST	1C	A-CON	CEESG003	\$UNRESOLVED(W)
2347	858	CEEBLLST	20	A-CON	CEESG004	CEESG004
	0 B_TEXT					
2348	85C	CEEBLLST	24	A-CON	CEESG005	\$UNRESOLVED(W)
2349	860	CEEBLLST	28	A-CON	CEESG006	\$UNRESOLVED(W)
2350	864	CEEBLLST	2C	A-CON	CEESG007	\$UNRESOLVED(W)
2351	868	CEEBLLST	30	A-CON	CEESG008	\$UNRESOLVED(W)
2352	86C	CEEBLLST	34	A-CON	CEESG009	\$UNRESOLVED(W)
2353	870	CEEBLLST	38	A-CON	CEESG010	\$UNRESOLVED(W)
2354	874	CEEBLLST	3C	A-CON	CEESG011	\$UNRESOLVED(W)
2355	878	CEEBLLST	40	A-CON	CEESG012	\$UNRESOLVED(W)
2356	87C	CEEBLLST	44	A-CON	CEESG013	\$UNRESOLVED(W)
2357	880	CEEBLLST	48	A-CON	CEESG014	\$UNRESOLVED(W)
2358	884	CEEBLLST	4C	A-CON	CEESG015	\$UNRESOLVED(W)
2359	888	CEEBLLST	50	A-CON	CEESG016	\$UNRESOLVED(W)
2360	B88	CEEBPIRA	230	A-CON	CEEBPUBT	CEEBPUBT
	0 B_TEXT					
2361						
2362						
2363	TEXT	CLASS = C_@PPA2				

2364

2365 ----- R E F E R E N C E ----- T A R G E T

CLASS	ELEMENT	OFFSET	TYPE	SYMBOL(ABBREV)	SECTION (ABBREV)
2366 CLASS	ELEMENT				
2367 OFFSET SECT/PART(ABBREV)	OFFSET CLASS NAME				
2368					
2369 4 \$PRIV000010	0 C_CODE	4	A-CON	CMINQFEC#C	CMINQFEC

2370

2371

2372 TEXT CLASS = C\_@@CSINIT

2373

2374 ----- R E F E R E N C E ----- T A R G E T

CLASS	ELEMENT	OFFSET	TYPE	SYMBOL(ABBREV)	SECTION (ABBREV)
2375 CLASS	ELEMENT				
2376 OFFSET SECT/PART(ABBREV)	OFFSET CLASS NAME				
2377					
2378 0 \$PRIV000011	0 C_CODE	0	A-CON	CMINQFEC#C	CMINQFEC

2379

2380

2381 TEXT CLASS = B\_LIT

2382

2383 ----- R E F E R E N C E ----- T A R G E T

CLASS	ELEMENT	OFFSET	TYPE	SYMBOL(ABBREV)	SECTION (ABBREV)
2384 CLASS	ELEMENT				
2385 OFFSET SECT/PART(ABBREV)	OFFSET CLASS NAME				
2386					
2387 28 IEWBLIT		28	L TOKE		

2388

2389

2390

2391

2392

2393 TEXT CLASS = B\_LIT

2394

2395 ----- R E F E R E N C E ----- T A R G E T

CLASS	ELEMENT	OFFSET	TYPE	SYMBOL(ABBREV)	SECTION (ABBREV)
2396 CLASS	ELEMENT				
2397 OFFSET SECT/PART(ABBREV)	OFFSET CLASS NAME				
2398					
2399 50 IEWBLIT	B_TEXT	50	C-LEN		\$NON-RELOCATABLE
2400 54 IEWBLIT		54	A-CON		

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

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2401	B_TEXT	70 IEWBLIT	70 C-LEN		\$NON-RELOCATABLE
2402	C_CODE	74 IEWBLIT	74 A-CON		
2403	C_CODE	90 IEWBLIT	90 C-LEN		\$NON-RELOCATABLE
2404	C_WSA	B0 IEWBLIT	B0 C-LEN		\$NON-RELOCATABLE
2405	C_@@PPA2	B4 IEWBLIT	B4 A-CON		
2406	C_@@PPA2	D0 IEWBLIT	D0 C-LEN		\$NON-RELOCATABLE
2407	C_@@CSINIT	D4 IEWBLIT	D4 A-CON		
2408	C_@@CSINIT	F0 IEWBLIT	F0 C-LEN		\$NON-RELOCATABLE
2409	B_LIT	F4 IEWBLIT	F4 A-CON		
2410	B_LIT				
2411					
2412	TEXT CLASS = C_WSA				
2413					
2414	----- R E F E R E N C E ----- T A R G E T				
2415	CLASS		ELEMENT		
2416	ELEMENT				
2417	OFFSET SECT/PART(ABBREV)		OFFSET TYPE	SYMBOL(ABBREV)	SECTION (ABBREV)
2418	0 C_CODE				
2419	24 CMINQFEC#S		24 A-CON	CMINQFEC#C	CMINQFEC
2420	28 CMINQFEC#S		28 A-CON	CMINQFEC#C	CMINQFEC
2421	2C CMINQFEC#S		2C A-CON	CMINQFEC#C	CMINQFEC
2422	30 CMINQFEC#S		30 A-CON	CMINQFEC#C	CMINQFEC
2423	34 CMINQFEC#S		34 A-CON	CMINQFEC#C	CMINQFEC
2424	38 CMINQFEC#S		38 A-CON	CMINQFEC#C	CMINQFEC
2425	3C CMINQFEC#S		3C A-CON	CMINQFEC#C	CMINQFEC
2426	40 CMINQFEC#S		40 A-CON	CMINQFEC#C	CMINQFEC
2427	44 CMINQFEC#S		44 A-CON	CMINQFEC#C	CMINQFEC
2428	48 CMINQFEC#S		48 A-CON	CMINQFEC#C	CMINQFEC
2429	4C CMINQFEC#S		4C A-CON	CMINQFEC#C	CMINQFEC
2430	50 CMINQFEC#S		50 A-CON	CMINQFEC#C	CMINQFEC
	54 CMINQFEC#S		54 A-CON	CMINQFEC#C	CMINQFEC

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2431	58 CMINQFEC#S	58 A-CON   CMINQFEC#C	CMINQFEC
	0 C_CODE		
2432	5C CMINQFEC#S	5C A-CON   CMINQFEC#C	CMINQFEC
	0 C_CODE		
2433	60 CMINQFEC#S	60 A-CON   CMINQFEC#C	CMINQFEC
	0 C_CODE		
2434	64 CMINQFEC#S	64 A-CON   CMINQFEC#C	CMINQFEC
	0 C_CODE		
2435	68 CMINQFEC#S	68 A-CON   CMINQFEC#C	CMINQFEC
	0 C_CODE		
2436	74 CMINQFEC#S	74 A-CON   CMINQFEC#S	\$PRIV000003
	10 C_WSA		
2437	78 CMINQFEC#S	78 A-CON   CMINQFEC#C	CMINQFEC
	0 C_CODE		
2438	C0 CMINQFEC#S	C0 V-CON   CMINQFEC	CMINQFEC
	0 C_CODE		
2439	D4 CMINQFEC#S	D4 A-CON   CMINQFEC#S	\$PRIV000003
	10 C_WSA		

\*\*\* E N D O F C R O S S R E F E R E N C E \*\*\*

\*\*\* O P E R A T I O N S U M M A R Y R E P O R T \*\*\*

2446 PROCESSING OPTIONS:

2447		
2448	ALIASES	NO
2449	ALIGN2	NO
2450	AMODE	UNSPECIFIED
2451	CALL	YES
2452	CASE	UPPER
2453	COMPAT	UNSPECIFIED
2454	COMPRESS	AUTO
2455	DCBS	NO
2456	DYNAM	NO
2457	EXTATTR	UNSPECIFIED
2458	EXITS:	NONE
2459	FILL	NONE
2460	GID	UNSPECIFIED
2461	HOBSET	NO
2462	INFO	NO
2463	LET	04
2464	LINECT	060
2465	LIST	SUMMARY
2466	LISTPRIV	NO
2467	LONGPARM	NO
2468	MAP	YES
2469	MAXBLK	032760
2470	MODMAP	NO
2471	MSGLEVEL	00
2472	OVLV	NO
2473	PRINT	YES
2474	RES	NO
2475	REUSABILITY	UNSPECIFIED
2476	RMODE	UNSPECIFIED
2477	RMODEX	NO
2478	SIGN	NO

2479	STORENX	NOREPLACE
2480	STRIPCL	NO
2481	STRIPSEC	NO
2482	SYMTRACE	
2483	TERM	NO
2484	TRAP	ON
2485	UID	UNSPECIFIED
2486	UPCASE	NO
2487	WKSPACE	000000K,000000K
2488	XCAL	NO
2489	XREF	YES
2490	***END OF OPTIONS***	
2491		
2492		
2493		
2494		
2495	SAVE OPERATION SUMMARY:	
2496		
2497	MEMBER NAME	CMINQFEC
2498	LOAD LIBRARY	TSOECCC.CICSTS12.STUDENT.LOADLIB
2499	PROGRAM TYPE	PROGRAM OBJECT(FORMAT 3)
2500	VOLUME SERIAL	KCTR12
2501	DISPOSITION	REPLACED
2502	TIME OF SAVE	11.28.48 MAR 29, 2023
2503		
2504		
2505	SAVE MODULE ATTRIBUTES:	
2506		
2507	AC	000
2508	AMODE	31
2509	COMPRESSION	NONE
2510	DC	NO
2511	EDITABLE	YES
2512	EXCEEDS 16MB	NO
2513	EXECUTABLE	YES
2514	LONGPARM	NO
2515	MIGRATABLE	NO
2516	OL	NO
2517	OVLY	NO
2518	PACK,PRIME	NO,NO
2519	PAGE ALIGN	NO
2520	REFR	NO
2521	RENT	NO
2522	REUS	NO
2523	RMODE	ANY
2524	SCTR	NO
2525	SIGN	NO
2526	SSI	
2527	SYM GENERATED	NO
2528	TEST	NO
2529	XPLINK	NO
2530	MODULE SIZE (HEX)	00003E94
2531	DASD SIZE (HEX)	0000C000
2532		
2533		
2534	ENTRY POINT AND ALIAS SUMMARY:	
2535		



```

2536 NAME:          ENTRY TYPE AMODE C_OFFSET CLASS NAME          STATUS
2537
2538 CMINQFEC          MAIN_EP      31 00000000 C_CODE
2539
2540          *** 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
      ***
2541
2542
2543
2544
2545 z/OS V2 R4 BINDER      11:28:48 WEDNESDAY MARCH 29, 2023
2546 BATCH EMULATOR  JOB(CMINQFEC) STEP(COMPLI ) PGM= IEWL      PROCEDURE(LKED )
2547 IEW2008I 0F03 PROCESSING COMPLETED. RETURN CODE = 0.
2548
2549
2550
2551 -----
2552 MESSAGE SUMMARY REPORT
2553 -----
2554 TERMINAL MESSAGES      (SEVERITY = 16)
2555 NONE
2556
2557 SEVERE MESSAGES        (SEVERITY = 12)
2558 NONE
2559
2560 ERROR MESSAGES         (SEVERITY = 08)
2561 NONE
2562
2563 WARNING MESSAGES       (SEVERITY = 04)
2564 NONE
2565
2566 INFORMATIONAL MESSAGES (SEVERITY = 00)
2567 2008 2278 2322
2568
2569
2570 ***** END OF MESSAGE SUMMARY REPORT *****
2571
2572

```