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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 11.02.25 JOB09070 ---- FRIDAY, 24 FEB 2023 ----
4 11.02.25 JOB09070 IRR010I USERID KC03FEC IS ASSIGNED TO THIS JOB.
5 11.02.27 JOB09070 ICH70001I KC03FEC LAST ACCESS AT 11:01:52 ON FRIDAY, FEBRUARY 24, 2023
6 11.02.27 JOB09070 $HASP373 CMMNTFEC STARTED - INIT 1 - CLASS A - SYS 2964
7 11.02.28 JOB09070 IEF764I CMMNTFEC COMPLI TRN DFHAPIR DFHEIMOD PARMLIB READ FAILED - MEMBER
      DFHAPIR NOT FOUND.
8 11.02.28 JOB09070 IEF764I CMMNTFEC COMPLI TRN DFHAPIR DFHEIMOD PARMLIB READ FAILED - MEMBER
      DFHAPIR NOT FOUND.
9 11.02.28 JOB09070 - -----TIMINGS (MINS.)-----
      -----PAGING COUNTS-----
10 11.02.28 JOB09070 -STEPNAME PROCSTEP RC EXCP CONN TCB SRB CLOCK
      SERV WORKLOAD PAGE SWAP VIO SWAPS
11 11.02.28 JOB09070 -COMPLI TRN 00 411 26 .00 .00 .0
      24 BATCH 0 0 0 0
12 11.02.32 JOB09070 -COMPLI COB 04 14217 571 .00 .00 .0
      129 BATCH 0 0 0 0
13 11.02.33 JOB09070 -COMPLI COPYLINK 00 23 11 .00 .00 .0
      4 BATCH 0 0 0 0
14 11.02.33 JOB09070 -COMPLI LKED 00 312 54 .00 .00 .0
      53 BATCH 0 0 0 0
15 11.02.33 JOB09070 -CMMNTFEC ENDED. NAME- TOTAL TCB CPU TIME= .00
      TOTAL ELAPSED TIME= .1
16 11.02.33 JOB09070 $HASP395 CMMNTFEC ENDED - RC=0004
17 ----- JES2 JOB STATISTICS -----
18 24 FEB 2023 JOB EXECUTION DATE
19 14 CARDS READ
20 2,829 SYSOUT PRINT RECORDS
21 0 SYSOUT PUNCH RECORDS
22 172 SYSOUT SPOOL KBYTES
23 0.14 MINUTES EXECUTION TIME
24 1 //CMMNTFEC JOB 3U391710000034,MSGCLASS=Q,MSGLEVEL=(1,1) JOB09070
25 /*
26 2 //CICSPROC JCLLIB ORDER=(KC03FEC.A3.PROCLIB)
27 /*
28 /******
29 /* TRANSLATE COMPILE
30 /* AND LINK A CICS COBOL PROGRAM
31 /******
32 3 //COMPLI EXEC CMIFHFEC,
33 /* NAME OF PDS CONTAINING SOURCE
34 // STUDLIB='KC03FEC.A3.COBOL',
35 // LOADLIB='TSOECCC.CICSTS12.STUDENT.LOADLIB',
36 /* NAME OF PROGRAM AND ALSO NAME OF MEMBER WITHIN STUDLIB
37 // MEMBER='CMMNTFEC'
38 XX*****
39 XX* This procedure, CICSCOBOL, contains 4 steps
40 XX* 1. Exec the Cics translator
41 XX* 2. Exec the AD/Cycle VS COBOL II compiler
42 XX* 3. Reblock SDFHCOB(&STUB) for use by the linkedit step
43 XX* 4. Linkedit the output
44 XX*****
45 4 XXCMIFHFEC PROC SUFFIX=1$, 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.A3.COBOL', NAME OF STUDENT SOURCE
49      XX      MEMBER='CMMNTFEC',
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.A3.COBOL(CMMNTFEC),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.A3.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(CMMNTFEC),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.A3.PROCLIB
189 ICH70001I KC03FEC LAST ACCESS AT 11:01:52 ON FRIDAY, FEBRUARY 24, 2023
190 IEFA111I CMMNTFEC IS USING THE FOLLOWING JOB RELATED SETTINGS:
191 SWA=ABOVE,TIOT SIZE=32K,DSENQSHR=DISALLOW,GDGBIAS=JOB
192 IEF236I ALLOC. FOR CMMNTFEC 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 (SYS23055.T110225.RA000.CMMNTFEC.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 CMMNTFEC 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 CMMNTFEC COMPLI TRN DFHAPIR DFHEIMOD PARMLIB READ FAILED - MEMBER DFHAPIR NOT FOUND.
218 IEF142I CMMNTFEC TRN COMPLI - STEP WAS EXECUTED - COND CODE 0000
219 IEF285I DFH550.CICS.SDFHLOAD KEPT
220 IEF285I VOL SER NOS= VTDFHJ.
221 IEF285I KC03FEC.CMMNTFEC.JOB09070.D0000101.? SYSOUT
222 IGD104I KC03FEC.A3.COBOL RETAINED, DDNAME=SYSIN
223 IGD106I SYS23055.T110225.RA000.CMMNTFEC.SYSCIN.H01 PASSED, DDNAME=SYSPUNCH
224 IEF373I STEP/TRN /START 2023055.1102
225 IEF032I STEP/TRN /STOP 2023055.1102
226 CPU: 0 HR 00 MIN 00.01 SEC SRB: 0 HR 00 MIN 00.00 SEC
227 VIRT: 7924K SYS: 268K EXT: 364K SYS: 11800K
228 ATB- REAL: 1104K SLOTS: 0K
229 VIRT- ALLOC: 20M SHRD: 0M
230 IEF236I ALLOC. FOR CMMNTFEC 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 (SYS23055.T110225.RA000.CMMNTFEC.LOADSET.H01 )
242 STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
243 VOL SER NOS= TEMP00
244 IGD101I SMS ALLOCATED TO DDNAME (SYSMDECK)
245 DSN (SYS23055.T110225.RA000.CMMNTFEC.R0126779 )
246 STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
247 VOL SER NOS= TEMP00
248 IGD101I SMS ALLOCATED TO DDNAME (SYSUT1 )
249 DSN (SYS23055.T110225.RA000.CMMNTFEC.R0126780 )
250 STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
251 VOL SER NOS= TEMP00
252 IGD101I SMS ALLOCATED TO DDNAME (SYSUT2 )
253 DSN (SYS23055.T110225.RA000.CMMNTFEC.R0126781 )
254 STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
255 VOL SER NOS= TEMP00
256 IGD101I SMS ALLOCATED TO DDNAME (SYSUT3 )
257 DSN (SYS23055.T110225.RA000.CMMNTFEC.R0126782 )
258 STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
259 VOL SER NOS= TEMP00
260 IGD101I SMS ALLOCATED TO DDNAME (SYSUT4 )
261 DSN (SYS23055.T110225.RA000.CMMNTFEC.R0126783 )
262 STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
263 VOL SER NOS= TEMP00
264 IGD101I SMS ALLOCATED TO DDNAME (SYSUT5 )
265 DSN (SYS23055.T110225.RA000.CMMNTFEC.R0126784 )
266 STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
267 VOL SER NOS= TEMP00
268 IGD101I SMS ALLOCATED TO DDNAME (SYSUT6 )
269 DSN (SYS23055.T110225.RA000.CMMNTFEC.R0126785 )
270 STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )

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271      VOL SER NOS= TEMP00
272 IGD101I SMS ALLOCATED TO DDNAME (SYSUT7  )
273      DSN (SYS23055.T110225.RA000.CMMNTFEC.R0126786  )
274      STORCLAS (TEMPSC) MGMTCLAS (          ) DATACLAS (          )
275      VOL SER NOS= TEMP00
276 IGD101I SMS ALLOCATED TO DDNAME (SYSUT8  )
277      DSN (SYS23055.T110225.RA000.CMMNTFEC.R0126787  )
278      STORCLAS (TEMPSC) MGMTCLAS (          ) DATACLAS (          )
279      VOL SER NOS= TEMP00
280 IGD101I SMS ALLOCATED TO DDNAME (SYSUT9  )
281      DSN (SYS23055.T110225.RA000.CMMNTFEC.R0126788  )
282      STORCLAS (TEMPSC) MGMTCLAS (          ) DATACLAS (          )
283      VOL SER NOS= TEMP00
284 IGD101I SMS ALLOCATED TO DDNAME (SYSUT10 )
285      DSN (SYS23055.T110225.RA000.CMMNTFEC.R0126789  )
286      STORCLAS (TEMPSC) MGMTCLAS (          ) DATACLAS (          )
287      VOL SER NOS= TEMP00
288 IGD101I SMS ALLOCATED TO DDNAME (SYSUT11 )
289      DSN (SYS23055.T110225.RA000.CMMNTFEC.R0126790  )
290      STORCLAS (TEMPSC) MGMTCLAS (          ) DATACLAS (          )
291      VOL SER NOS= TEMP00
292 IGD101I SMS ALLOCATED TO DDNAME (SYSUT12 )
293      DSN (SYS23055.T110225.RA000.CMMNTFEC.R0126791  )
294      STORCLAS (TEMPSC) MGMTCLAS (          ) DATACLAS (          )
295      VOL SER NOS= TEMP00
296 IGD101I SMS ALLOCATED TO DDNAME (SYSUT13 )
297      DSN (SYS23055.T110225.RA000.CMMNTFEC.R0126792  )
298      STORCLAS (TEMPSC) MGMTCLAS (          ) DATACLAS (          )
299      VOL SER NOS= TEMP00
300 IGD101I SMS ALLOCATED TO DDNAME (SYSUT14 )
301      DSN (SYS23055.T110225.RA000.CMMNTFEC.R0126793  )
302      STORCLAS (TEMPSC) MGMTCLAS (          ) DATACLAS (          )
303      VOL SER NOS= TEMP00
304 IGD101I SMS ALLOCATED TO DDNAME (SYSUT15 )
305      DSN (SYS23055.T110225.RA000.CMMNTFEC.R0126794  )
306      STORCLAS (TEMPSC) MGMTCLAS (          ) DATACLAS (          )
307      VOL SER NOS= TEMP00
308 IEF237I JES2 ALLOCATED TO SYS00007
309 IEF285I  KC03FEC.CMMNTFEC.JOB09070.D0000105.?          SYSOUT
310 IEF142I CMMNTFEC 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.A3.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.CMMNTFEC.JOB09070.D0000102.?          SYSOUT
325 IGD105I SYS23055.T110225.RA000.CMMNTFEC.SYSCIN.H01     DELETED, DDNAME=SYSIN
326 IGD106I SYS23055.T110225.RA000.CMMNTFEC.LOADSET.H01    PASSED, DDNAME=SYSLIN
327 IGD105I SYS23055.T110225.RA000.CMMNTFEC.R0126779      DELETED, DDNAME=SYSMDECK

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CMMNTFEC:JOB09070.spool

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328 IGD105I SYS23055.T110225.RA000.CMMNTFEC.R0126780 DELETED, DDNAME=SYSUT1
329 IGD105I SYS23055.T110225.RA000.CMMNTFEC.R0126781 DELETED, DDNAME=SYSUT2
330 IGD105I SYS23055.T110225.RA000.CMMNTFEC.R0126782 DELETED, DDNAME=SYSUT3
331 IGD105I SYS23055.T110225.RA000.CMMNTFEC.R0126783 DELETED, DDNAME=SYSUT4
332 IGD105I SYS23055.T110225.RA000.CMMNTFEC.R0126784 DELETED, DDNAME=SYSUT5
333 IGD105I SYS23055.T110225.RA000.CMMNTFEC.R0126785 DELETED, DDNAME=SYSUT6
334 IGD105I SYS23055.T110225.RA000.CMMNTFEC.R0126786 DELETED, DDNAME=SYSUT7
335 IGD105I SYS23055.T110225.RA000.CMMNTFEC.R0126787 DELETED, DDNAME=SYSUT8
336 IGD105I SYS23055.T110225.RA000.CMMNTFEC.R0126788 DELETED, DDNAME=SYSUT9
337 IGD105I SYS23055.T110225.RA000.CMMNTFEC.R0126789 DELETED, DDNAME=SYSUT10
338 IGD105I SYS23055.T110225.RA000.CMMNTFEC.R0126790 DELETED, DDNAME=SYSUT11
339 IGD105I SYS23055.T110225.RA000.CMMNTFEC.R0126791 DELETED, DDNAME=SYSUT12
340 IGD105I SYS23055.T110225.RA000.CMMNTFEC.R0126792 DELETED, DDNAME=SYSUT13
341 IGD105I SYS23055.T110225.RA000.CMMNTFEC.R0126793 DELETED, DDNAME=SYSUT14
342 IGD105I SYS23055.T110225.RA000.CMMNTFEC.R0126794 DELETED, DDNAME=SYSUT15
343 IEF373I STEP/COB /START 2023055.1102
344 IEF032I STEP/COB /STOP 2023055.1102
345 CPU: 0 HR 00 MIN 00.06 SEC SRB: 0 HR 00 MIN 00.00 SEC
346 VIRT: 532K SYS: 756K EXT: 138124K SYS: 14288K
347 ATB- REAL: 9264K SLOTS: 0K
348 VIRT- ALLOC: 537M SHRD: 0M
349 IEF236I ALLOC. FOR CMMNTFEC COPYLINK COMPLI
350 IEF237I 0DDD ALLOCATED TO SYSUT1
351 IGD101I SMS ALLOCATED TO DDNAME (SYSUT2 )
352 DSN (SYS23055.T110225.RA000.CMMNTFEC.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 CMMNTFEC COPYLINK COMPLI - STEP WAS EXECUTED - COND CODE 0000
358 IEF285I DFH550.CICS.SDFHCOB KEPT
359 IEF285I VOL SER NOS= VTDFHJ.
360 IGD106I SYS23055.T110225.RA000.CMMNTFEC.COPYLINK.H01 PASSED, DDNAME=SYSUT2
361 IEF285I KC03FEC.CMMNTFEC.JOB09070.D0000103.? SYSOUT
362 IEF373I STEP/COPYLINK/START 2023055.1102
363 IEF032I STEP/COPYLINK/STOP 2023055.1102
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: 11792K
366 ATB- REAL: 1096K SLOTS: 0K
367 VIRT- ALLOC: 19M SHRD: 0M
368 IEF236I ALLOC. FOR CMMNTFEC 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 (SYS23055.T110225.RA000.CMMNTFEC.R0126795 )
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 CMMNTFEC 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 SYS23055.T110225.RA000.CMMNTFEC.R0126795 DELETED, DDNAME=SYSUT1
 388 IEF285I KC03FEC.CMMNTFEC.JOB09070.D0000104.? SYSOUT
 389 IGD105I SYS23055.T110225.RA000.CMMNTFEC.COPYLINK.H01 DELETED, DDNAME=SYSLIN
 390 IGD105I SYS23055.T110225.RA000.CMMNTFEC.LOADSET.H01 DELETED, DDNAME=

391 IEF373I STEP/LKED /START 2023055.1102
 392 IEF032I STEP/LKED /STOP 2023055.1102
 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: 11828K
 395 ATB- REAL: 1104K SLOTS: 0K
 396 VIRT- ALLOC: 20M SHRD: 0M

397 IEF375I JOB/CMMNTFEC/START 2023055.1102
 398 IEF033I JOB/CMMNTFEC/STOP 2023055.1102
 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 11.02

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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 NOCPSM

424 LINKAGE

425 COBOL3

426 LENGTH

427 LINE

SOURCE LISTING

428

429 00001 IDENTIFICATION DIVISION.

430 00002 *

431 00003 PROGRAM-ID. CMMNTFEC.

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      *
444 00016      01  FLAGS.
445 00017      *
446 00018          05  SEND-FLAG          PIC X(01).
447 00019          88  SEND-ERASE              VALUE '1'.
448 00020          88  SEND-ERASE-ALARM          VALUE '2'.
449 00021          88  SEND-DATAONLY          VALUE '3'.
450 00022          88  SEND-DATAONLY-ALARM    VALUE '4'.
451 00023      *
452 00024
453 00025      01  WS-FILE-STATUS-INFO.
454 00026          05  CMF-OPEN          PIC X.
455 00027          05  CMF-OPEN-STATUS    PIC S9(8) COMP.
456 00028          05  CMF-ENABLE-STATUS  PIC S9(8) COMP.
457 CICS 7.2.0 COMMAND LANGUAGE TRANSLATOR
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458 LINE      SOURCE LISTING
459 00029      *
460 00030      01  END-OF-SESSION-MESSAGE    PIC X(13)
461 00031          VALUE 'Session ended'.
462 00032      *
463 00033
464 00034      01  WORK-FIELDS.
465 00035      *
466 00036          05  RESPONSE-CODE          PIC S9(08) COMP.
467 00037      *
468 00038      01  USER-INSTRUCTIONS.
469 00039      *
470 00040          05  ADD-INSTRUCTION          PIC X(79) VALUE
471 00041              'Type information for new customer. Then Press Enter.'.
472 00042          05  CHANGE-INSTRUCTION      PIC X(79) VALUE
473 00043              'Type changes. Then press Enter.'.
474 00044          05  DELETE-INSTRUCTION     PIC X(79) VALUE
475 00045              'Press Enter to delete this customer or press F12 to canc
476 00046              'el.'.
477 00047      *
478 00048      01  COMMUNICATION-AREA.
479 00049      *
480 00050          05  CA-CONTEXT-FLAG          PIC X(01).
481 00051          88  PROCESS-KEY-MAP          VALUE '1'.
482 00052          88  PROCESS-ADD-CUSTOMER    VALUE '2'.
483 00053          88  PROCESS-CHANGE-CUSTOMER  VALUE '3'.
484 00054          88  PROCESS-DELETE-CUSTOMER  VALUE '4'.
485 00055          05  CA-CUSTOMER-RECORD.
486 00056              10  CA-CUSTOMER-NUMBER  PIC X(06).
487 00057              10  FILLER              PIC X(112).
488 00058      *
489 00059      COPY CUSTMAS.
490 00060      *
491 00061      COPY MNTSFEC.
492 00062      *
493 00063      COPY DFHAID.
494 00064      *
495 00065      COPY ATTR.
496 00066      *

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497 00067      COPY ERRPARM.
498 00068      *
499 00069      LINKAGE SECTION.
500 00070      *
501 00071      01 DFHCOMMAREA                                PIC X(119).
502 00072      *
503 00073      PROCEDURE DIVISION.
504 00074      *
505 00075      0000-PROCESS-CUSTOMER-MAINT.
506 00076      *
507 00077          IF EIBCALEN > ZERO
508 00078              MOVE DFHCOMMAREA TO COMMUNICATION-AREA
509 00079          END-IF.
510 00080      *
511 00081          EVALUATE TRUE
512 00082      *
513 00083              WHEN EIBCALEN = ZERO
514 00084                  MOVE LOW-VALUE TO MNT1FECO
515 CICS 7.2.0 COMMAND LANGUAGE TRANSLATOR

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516 LINE      SOURCE LISTING
517 00085          MOVE -1 TO CUSTN01L
518 00086          SET SEND-ERASE TO TRUE
519 00087          PERFORM 1500-SEND-KEY-MAP
520 00088          SET PROCESS-KEY-MAP TO TRUE
521 00089      *
522 00090          WHEN EIBAID = DFHPF3
523 00091              EXEC CICS
524 00092                  INQUIRE FILE('CMFFEC')
525 00093                      OPENSTATUS(CMF-OPEN-STATUS)
526 00094                      ENABLESTATUS(CMF-ENABLE-STATUS)
527 00095              END-EXEC
528 00096              IF CMF-OPEN-STATUS = DFHVALUE(OPEN)
529 00097                  EXEC CICS
530 00098                      SET FILE('CMFFEC') CLOSED
531 00099                  END-EXEC
532 00100                  MOVE 'N' TO CMF-OPEN
533 00101              END-IF
534 00102              EXEC CICS
535 00103                  XCTL PROGRAM('UUMENFEC')
536 00104              END-EXEC
537 00105
538 00106          WHEN EIBAID = DFHPF12
539 00107              IF PROCESS-KEY-MAP
540 00108                  EXEC CICS
541 00109                      INQUIRE FILE('CMFFEC')
542 00110                          OPENSTATUS(CMF-OPEN-STATUS)
543 00111                          ENABLESTATUS(CMF-ENABLE-STATUS)
544 00112                  END-EXEC
545 00113                  IF CMF-OPEN-STATUS = DFHVALUE(OPEN)
546 00114                      EXEC CICS
547 00115                          SET FILE('CMFFEC') CLOSED
548 00116                      END-EXEC
549 00117                          MOVE 'N' TO CMF-OPEN
550 00118                  END-IF
551 00119                  EXEC CICS
552 00120                      XCTL PROGRAM('UUMENFEC')

```

```

553 00121          END-EXEC
554 00122          ELSE
555 00123              MOVE LOW-VALUE TO MNT1FECO
556 00124              MOVE -1 TO CUSTN01L
557 00125              SET SEND-ERASE TO TRUE
558 00126              PERFORM 1500-SEND-KEY-MAP
559 00127              SET PROCESS-KEY-MAP TO TRUE
560 00128          END-IF
561 00129      *
562 00130      WHEN EIBAID = DFHCLEAR
563 00131          IF PROCESS-KEY-MAP
564 00132              MOVE LOW-VALUE TO MNT1FECO
565 00133              MOVE -1 TO CUSTN01L
566 00134              SET SEND-ERASE TO TRUE
567 00135              PERFORM 1500-SEND-KEY-MAP
568 00136          ELSE
569 00137              MOVE LOW-VALUE TO MNT2FECO
570 00138              MOVE CA-CUSTOMER-NUMBER TO CUSTN020
571 00139              EVALUATE TRUE
572 00140                  WHEN PROCESS-ADD-CUSTOMER

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573 CICS 7.2.0 COMMAND LANGUAGE TRANSLATOR

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574 LINE          SOURCE LISTING
575 00141              MOVE ADD-INSTRUCTION TO INSTR20
576 00142              WHEN PROCESS-CHANGE-CUSTOMER
577 00143              MOVE CHANGE-INSTRUCTION TO INSTR20
578 00144              WHEN PROCESS-DELETE-CUSTOMER
579 00145              MOVE DELETE-INSTRUCTION TO INSTR20
580 00146              END-EVALUATE
581 00147              MOVE -1 TO LNAME1
582 00148              SET SEND-ERASE TO TRUE
583 00149              PERFORM 1400-SEND-DATA-MAP
584 00150          END-IF
585 00151      *
586 00152      WHEN EIBAID = DFHPA1 OR DFHPA2 OR DFHPA3
587 00153          CONTINUE
588 00154      *
589 00155      WHEN EIBAID = DFHENTER
590 00156          EVALUATE TRUE
591 00157              WHEN PROCESS-KEY-MAP
592 00158                  PERFORM 1000-PROCESS-KEY-MAP
593 00159              WHEN PROCESS-ADD-CUSTOMER
594 00160                  PERFORM 2000-PROCESS-ADD-CUSTOMER
595 00161              WHEN PROCESS-CHANGE-CUSTOMER
596 00162                  PERFORM 3000-PROCESS-CHANGE-CUSTOMER
597 00163              WHEN PROCESS-DELETE-CUSTOMER
598 00164                  PERFORM 4000-PROCESS-DELETE-CUSTOMER
599 00165          END-EVALUATE
600 00166      *
601 00167      WHEN OTHER
602 00168          IF PROCESS-KEY-MAP
603 00169              MOVE LOW-VALUE TO MNT1FECO
604 00170              MOVE 'That key is unassigned.' TO MSG10
605 00171              MOVE -1 TO CUSTN01L
606 00172              SET SEND-DATAONLY-ALARM TO TRUE
607 00173              PERFORM 1500-SEND-KEY-MAP
608 00174          ELSE

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```

609 00175          MOVE LOW-VALUE TO MNT2FECO
610 00176          MOVE 'That key is unassigned.' TO MSG20
611 00177          MOVE -1 TO LNAMEL
612 00178          SET SEND-DATAONLY-ALARM TO TRUE
613 00179          PERFORM 1400-SEND-DATA-MAP
614 00180          END-IF
615 00181          *
616 00182          END-EVALUATE.
617 00183
618 00184          EXEC CICS
619 00185              RETURN TRANSID('MFEC')
620 00186                  COMMAREA(COMMUNICATION-AREA)
621 00187          END-EXEC.
622 00188          *
623 00189          1000-PROCESS-KEY-MAP.
624 00190          *
625 00191          PERFORM 1100-RECEIVE-KEY-MAP.
626 00192          PERFORM 1200-EDIT-KEY-DATA.
627 00193          IF VALID-DATA
628 00194              IF NOT PROCESS-DELETE-CUSTOMER
629 00195                  INSPECT CUSTOMER-MASTER-RECORD
630 00196                      REPLACING ALL SPACE BY ' _ '

```

631 CICS 7.2.0 COMMAND LANGUAGE TRANSLATOR

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632 LINE          SOURCE LISTING
633 00197          END-IF
634 00198          MOVE CUSTN01I      TO CUSTN020
635 00199          MOVE CM-LAST-NAME TO LNAMEO
636 00200          MOVE CM-FIRST-NAME TO FNAMEO
637 00201          MOVE CM-ADDRESS   TO ADDR0
638 00202          MOVE CM-CITY      TO CITYO
639 00203          MOVE CM-STATE      TO STATEO
640 00204          MOVE CM-ZIP-CODE   TO ZIPCODEO
641 00205          MOVE -1 TO LNAMEL
642 00206          SET SEND-ERASE TO TRUE
643 00207          PERFORM 1400-SEND-DATA-MAP
644 00208          ELSE
645 00209              MOVE LOW-VALUE TO CUSTN010
646 00210                  ACTIONO
647 00211              SET SEND-DATAONLY-ALARM TO TRUE
648 00212              PERFORM 1500-SEND-KEY-MAP
649 00213          END-IF.
650 00214          *
651 00215          1100-RECEIVE-KEY-MAP.
652 00216          *
653 00217          EXEC CICS
654 00218              RECEIVE MAP('MNT1FEC')
655 00219                  MAPSET('MNTSFEC')
656 00220                      INTO(MNT1FECI)
657 00221          END-EXEC.
658 00222          *
659 00223          INSPECT MNT1FECI
660 00224              REPLACING ALL ' _ ' BY SPACE.
661 00225          *
662 00226          1200-EDIT-KEY-DATA.
663 00227          *
664 00228          MOVE ATTR-NO-HIGHLIGHT TO ACTIONH

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665 00229                                CUSTN01H.
666 00230      *
667 00231      IF ACTIONI NOT = '1' AND '2' AND '3'
668 00232          MOVE ATTR-REVERSE TO ACTIONH
669 00233          MOVE -1 TO ACTIONL
670 00234          MOVE 'Action must be 1, 2, or 3.' TO MSG10
671 00235          MOVE 'N' TO VALID-DATA-SW
672 00236      END-IF.
673 00237      *
674 00238      IF      CUSTN01L = ZERO
675 00239          OR CUSTN01I = SPACE
676 00240          MOVE ATTR-REVERSE TO CUSTN01H
677 00241          MOVE -1 TO CUSTN01L
678 00242          MOVE 'You must enter a customer number.' TO MSG10
679 00243          MOVE 'N' TO VALID-DATA-SW
680 00244      END-IF.
681 00245      *
682 00246      IF VALID-DATA
683 00247          MOVE LOW-VALUE TO MNT2FECO
684 00248          EVALUATE ACTIONI
685 00249              WHEN '1'
686 00250                  PERFORM 1300-READ-CUSTOMER-RECORD
687 00251                  IF RESPONSE-CODE = DFHRESP(NOTFND)
688 00252                      MOVE ADD-INSTRUCTION TO INSTR20
689 CICS 7.2.0 COMMAND LANGUAGE TRANSLATOR                                TIME 11.02
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690 LINE      SOURCE LISTING
691 00253          SET PROCESS-ADD-CUSTOMER TO TRUE
692 00254          MOVE SPACE TO CUSTOMER-MASTER-RECORD
693 00255      ELSE
694 00256          IF RESPONSE-CODE = DFHRESP(NORMAL)
695 00257              MOVE 'That customer already exists.'
696 00258                  TO MSG10
697 00259              MOVE 'N' TO VALID-DATA-SW
698 00260          END-IF
699 00261      END-IF
700 00262      WHEN '2'
701 00263          PERFORM 1300-READ-CUSTOMER-RECORD
702 00264          IF RESPONSE-CODE = DFHRESP(NORMAL)
703 00265              MOVE CUSTOMER-MASTER-RECORD TO
704 00266                  CA-CUSTOMER-RECORD
705 00267              MOVE CHANGE-INSTRUCTION TO INSTR20
706 00268              SET PROCESS-CHANGE-CUSTOMER TO TRUE
707 00269          ELSE
708 00270              IF RESPONSE-CODE = DFHRESP(NOTFND)
709 00271                  MOVE 'That customer does not exist.' TO
710 00272                      MSG10
711 00273                  MOVE 'N' TO VALID-DATA-SW
712 00274              END-IF
713 00275          END-IF
714 00276      WHEN '3'
715 00277          PERFORM 1300-READ-CUSTOMER-RECORD
716 00278          IF RESPONSE-CODE = DFHRESP(NORMAL)
717 00279              MOVE CUSTOMER-MASTER-RECORD TO
718 00280                  CA-CUSTOMER-RECORD
719 00281              MOVE DELETE-INSTRUCTION TO INSTR20
720 00282              SET PROCESS-DELETE-CUSTOMER TO TRUE

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```

721 00283                MOVE ATTR-PROT TO LNAMEA
722 00284                                FNAMEA
723 00285                                ADDR A
724 00286                                CITYA
725 00287                                STATEA
726 00288                                ZIPCODEA
727 00289                ELSE
728 00290                        IF RESPONSE-CODE = DFHRESP(NOTFND)
729 00291                                MOVE 'That customer does not exist.' TO
730 00292                                    MSG10
731 00293                                MOVE 'N' TO VALID-DATA-SW
732 00294                        END-IF
733 00295                END-IF
734 00296                END-EVALUATE.
735 00297                *
736 00298                1300-READ-CUSTOMER-RECORD.
737 00299                *
738 00300                PERFORM 8100-OPEN-CUST-FILE.
739 00301                *
740 00302                EXEC CICS
741 00303                        READ FILE('CMFFEC')
742 00304                                INTO(CUSTOMER-MASTER-RECORD)
743 00305                                RIDFLD(CUSTN01I)
744 00306                                RESP(RESPONSE-CODE)
745 00307                END-EXEC
746 00308                *
747 CICS 7.2.0 COMMAND LANGUAGE TRANSLATOR                                TIME 11.02
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748 LINE                SOURCE LISTING
749 00309                IF      RESPONSE-CODE NOT = DFHRESP(NORMAL)
750 00310                        AND RESPONSE-CODE NOT = DFHRESP(NOTFND)
751 00311                        PERFORM 9999-TERMINATE-PROGRAM
752 00312                END-IF.
753 00313                *
754 00314                1400-SEND-DATA-MAP.
755 00315                *
756 00316                MOVE 'MFEC' TO TRANID20.
757 00317                *
758 00318                EVALUATE TRUE
759 00319                        WHEN SEND-ERASE
760 00320                        EXEC CICS
761 00321                                SEND MAP('MNT2FEC')
762 00322                                    MAPSET('MNTSFEC')
763 00323                                    FROM(MNT2FECO)
764 00324                                    ERASE
765 00325                                    CURSOR
766 00326                        END-EXEC
767 00327                        WHEN SEND-DATAONLY-ALARM
768 00328                        EXEC CICS
769 00329                                SEND MAP('MNT2FEC')
770 00330                                    MAPSET('MNTSFEC')
771 00331                                    FROM(MNT2FECO)
772 00332                                    DATAONLY
773 00333                                    ALARM
774 00334                                    CURSOR
775 00335                        END-EXEC
776 00336                END-EVALUATE.

```



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777 00337      *
778 00338      1500-SEND-KEY-MAP.
779 00339      *
780 00340          MOVE 'MFEC' TO TRANID10.
781 00341      *
782 00342          EVALUATE TRUE
783 00343              WHEN SEND-ERASE
784 00344                  EXEC CICS
785 00345                      SEND MAP('MNT1FEC')
786 00346                          MAPSET('MNTSFEC')
787 00347                          FROM(MNT1FECO)
788 00348                          ERASE
789 00349                          CURSOR
790 00350                  END-EXEC
791 00351              WHEN SEND-ERASE-ALARM
792 00352                  EXEC CICS
793 00353                      SEND MAP('MNT1FEC')
794 00354                          MAPSET('MNTSFEC')
795 00355                          FROM(MNT1FECO)
796 00356                          ERASE
797 00357                          ALARM
798 00358                          CURSOR
799 00359                  END-EXEC
800 00360              WHEN SEND-DATAONLY-ALARM
801 00361                  EXEC CICS
802 00362                      SEND MAP('MNT1FEC')
803 00363                          MAPSET('MNTSFEC')
804 00364                          FROM(MNT1FECO)
805 00365                  END-EXEC
806 00366              END-EVALUATE.
807 00367      *
808 00368      2000-PROCESS-ADD-CUSTOMER.
809 00369      *
810 00370          PERFORM 2100-RECEIVE-DATA-MAP.
811 00371          PERFORM 2200-EDIT-CUSTOMER-DATA.
812 00372          IF VALID-DATA
813 00373              PERFORM 2300-WRITE-CUSTOMER-RECORD
814 00374              IF RESPONSE-CODE = DFHRESP(NORMAL)
815 00375                  MOVE 'Customer record added.' TO MSG10
816 00376                  SET SEND-ERASE TO TRUE
817 00377              ELSE
818 00378                  IF RESPONSE-CODE = DFHRESP(DUPREC)
819 00379                      MOVE 'Another user has added a record with that c
820 00380                          'ustomer number.' TO MSG10
821 00381                      SET SEND-ERASE-ALARM TO TRUE
822 00382                  END-IF
823 00383              END-IF
824 00384              MOVE -1 TO CUSTNO1L
825 00385              PERFORM 1500-SEND-KEY-MAP
826 00386              SET PROCESS-KEY-MAP TO TRUE
827 00387          ELSE
828 00388
829 00389
830 00390
831 00391
832 00392

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```
833 00391          MOVE LOW-VALUE TO LNAMEO
834 00392                                FNAMEO
835 00393                                ADDR0
836 00394                                CITYO
837 00395                                STATEO
838 00396                                ZIPCODEO
839 00397          SET SEND-DATAONLY-ALARM TO TRUE
840 00398          PERFORM 1400-SEND-DATA-MAP
841 00399          END-IF.
842 00400      *
843 00401          2100-RECEIVE-DATA-MAP.
844 00402      *
845 00403          EXEC CICS
846 00404              RECEIVE MAP('MNT2FEC')
847 00405                  MAPSET('MNTSFEC')
848 00406                  INTO(MNT2FECI)
849 00407          END-EXEC.
850 00408      *
851 00409          INSPECT MNT2FECI
852 00410              REPLACING ALL '_' BY SPACE.
853 00411      *
854 00412          2200-EDIT-CUSTOMER-DATA.
855 00413      *
856 00414          MOVE ATTR-NO-HIGHLIGHT TO ZIPCODEH
857 00415                                STATEH
858 00416                                CITYH
859 00417                                ADDRH
860 00418                                FNAMEH
861 00419                                LNAMEH.
862 00420
863 CICS 7.2.0 COMMAND LANGUAGE TRANSLATOR
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864 LINE          SOURCE LISTING
865 00421          IF          ZIPCODEI = SPACE
866 00422                      OR ZIPCODEL = ZERO
867 00423                      MOVE ATTR-REVERSE TO ZIPCODEH
868 00424                      MOVE -1 TO ZIPCODEL
869 00425                      MOVE 'You must enter a zip code.' TO MSG20
870 00426                      MOVE 'N' TO VALID-DATA-SW
871 00427          END-IF.
872 00428
873 00429          IF          STATEI = SPACE
874 00430                      OR STATEL = ZERO
875 00431                      MOVE ATTR-REVERSE TO STATEH
876 00432                      MOVE -1 TO STATEL
877 00433                      MOVE 'You must enter a state.' TO MSG20
878 00434                      MOVE 'N' TO VALID-DATA-SW
879 00435          END-IF.
880 00436
881 00437          IF          CITYI = SPACE
882 00438                      OR CITYL = ZERO
883 00439                      MOVE ATTR-REVERSE TO CITYH
884 00440                      MOVE -1 TO CITYL
885 00441                      MOVE 'You must enter a city.' TO MSG20
886 00442                      MOVE 'N' TO VALID-DATA-SW
887 00443          END-IF.
888 00444
```

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889 00445      IF      ADDRI = SPACE
890 00446          OR ADDRL = ZERO
891 00447          MOVE ATTR-REVERSE TO ADDRH
892 00448          MOVE -1 TO ADDRL
893 00449          MOVE 'You must enter an address.' TO MSG20
894 00450          MOVE 'N' TO VALID-DATA-SW
895 00451      END-IF.
896 00452
897 00453      IF      FNAMEI = SPACE
898 00454          OR FNAMEL = ZERO
899 00455          MOVE ATTR-REVERSE TO FNAMEH
900 00456          MOVE -1 TO FNAMEL
901 00457          MOVE 'You must enter a first name.' TO MSG20
902 00458          MOVE 'N' TO VALID-DATA-SW
903 00459      END-IF.
904 00460
905 00461      IF      LNAMEI = SPACE
906 00462          OR LNAMEL = ZERO
907 00463          MOVE ATTR-REVERSE TO LNAMEH
908 00464          MOVE -1 TO LNAMEL
909 00465          MOVE 'You must enter a last name.' TO MSG20
910 00466          MOVE 'N' TO VALID-DATA-SW
911 00467      END-IF.
912 00468      *
913 00469      2300-WRITE-CUSTOMER-RECORD.
914 00470      *
915 00471          PERFORM 8100-OPEN-CUST-FILE.
916 00472          MOVE CUSTNO2I TO CM-CUSTOMER-NUMBER.
917 00473          MOVE LNAMEI   TO CM-LAST-NAME.
918 00474          MOVE FNAMEI   TO CM-FIRST-NAME.
919 00475          MOVE ADDRI     TO CM-ADDRESS.
920 00476          MOVE CITYI   TO CM-CITY.
921 CICS 7.2.0 COMMAND LANGUAGE TRANSLATOR
922 LINE SOURCE LISTING
923 00477          MOVE STATEI   TO CM-STATE.
924 00478          MOVE ZIPCODEI TO CM-ZIP-CODE.
925 00479      *
926 00480          EXEC CICS
927 00481              WRITE FILE('CMFFEC')
928 00482                  FROM(CUSTOMER-MASTER-RECORD)
929 00483                  RIDFLD(CM-CUSTOMER-NUMBER)
930 00484                  RESP(RESPONSE-CODE)
931 00485          END-EXEC.
932 00486      *
933 00487          IF      RESPONSE-CODE NOT = DFHRESP(NORMAL)
934 00488              AND RESPONSE-CODE NOT = DFHRESP(DUPREC)
935 00489              PERFORM 9999-TERMINATE-PROGRAM
936 00490          END-IF.
937 00491      *
938 00492      3000-PROCESS-CHANGE-CUSTOMER.
939 00493      *
940 00494          PERFORM 2100-RECEIVE-DATA-MAP.
941 00495          PERFORM 2200-EDIT-CUSTOMER-DATA.
942 00496          IF VALID-DATA
943 00497              MOVE CUSTNO2I TO CM-CUSTOMER-NUMBER
944 00498              PERFORM 3100-READ-CUSTOMER-FOR-UPDATE

```

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```

945 00499      IF RESPONSE-CODE = DFHRESP(NORMAL)
946 00500          IF CUSTOMER-MASTER-RECORD = CA-CUSTOMER-RECORD
947 00501              PERFORM 3200-REWRITE-CUSTOMER-RECORD
948 00502              MOVE 'Customer record updated.' TO MSG10
949 00503              SET SEND-ERASE TO TRUE
950 00504          ELSE
951 00505              MOVE 'Another user has updated the record. Try a
952 00506                  gain.' TO MSG10
953 00507              SET SEND-ERASE-ALARM TO TRUE
954 00508          END-IF
955 00509      ELSE
956 00510          IF RESPONSE-CODE = DFHRESP(NOTFND)
957 00511              MOVE 'Another user has deleted the record.' TO
958 00512                  MSG10
959 00513              SET SEND-ERASE-ALARM TO TRUE
960 00514          END-IF
961 00515      END-IF
962 00516      MOVE -1 TO CUSTNO1L
963 00517      PERFORM 1500-SEND-KEY-MAP
964 00518      SET PROCESS-KEY-MAP TO TRUE
965 00519      ELSE
966 00520          MOVE LOW-VALUE TO LNAMEO
967 00521                      FNAMEO
968 00522                      ADDRO
969 00523                      CITYO
970 00524                      STATEO
971 00525                      ZIPCODEO
972 00526          SET SEND-DATAONLY-ALARM TO TRUE
973 00527          PERFORM 1400-SEND-DATA-MAP
974 00528      END-IF.
975 00529      *
976 00530      3100-READ-CUSTOMER-FOR-UPDATE.
977 00531      *
978 00532          PERFORM 8100-OPEN-CUST-FILE.
979 CICS 7.2.0 COMMAND LANGUAGE TRANSLATOR                                TIME 11.02
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980 LINE          SOURCE LISTING
981 00533          EXEC CICS
982 00534              READ FILE('CMFFEC')
983 00535                  INTO(CUSTOMER-MASTER-RECORD)
984 00536                  RIDFLD(CM-CUSTOMER-NUMBER)
985 00537                  UPDATE
986 00538                  RESP(RESPONSE-CODE)
987 00539          END-EXEC.
988 00540      *
989 00541          IF      RESPONSE-CODE NOT = DFHRESP(NORMAL)
990 00542              AND RESPONSE-CODE NOT = DFHRESP(NOTFND)
991 00543              PERFORM 9999-TERMINATE-PROGRAM
992 00544          END-IF.
993 00545      *
994 00546      3200-REWRITE-CUSTOMER-RECORD.
995 00547      PERFORM 8100-OPEN-CUST-FILE.
996 00548      *
997 00549      MOVE LNAMEI    TO CM-LAST-NAME.
998 00550      MOVE FNAMEI    TO CM-FIRST-NAME.
999 00551      MOVE ADDR1     TO CM-ADDRESS.
1000 00552      MOVE CITYI    TO CM-CITY.

```

```

1001 00553      MOVE STATEI    TO CM-STATE.
1002 00554      MOVE ZIPCODEI TO CM-ZIP-CODE.
1003 00555      *
1004 00556      EXEC CICS
1005 00557          REWRITE FILE('CMFFEC')
1006 00558              FROM(CUSTOMER-MASTER-RECORD)
1007 00559              RESP(RESPONSE-CODE)
1008 00560      END-EXEC.
1009 00561      *
1010 00562      IF RESPONSE-CODE NOT = DFHRESP(NORMAL)
1011 00563          PERFORM 9999-TERMINATE-PROGRAM
1012 00564      END-IF.
1013 00565      *
1014 00566      4000-PROCESS-DELETE-CUSTOMER.
1015 00567      *
1016 00568      MOVE CA-CUSTOMER-NUMBER TO CM-CUSTOMER-NUMBER.
1017 00569      PERFORM 3100-READ-CUSTOMER-FOR-UPDATE.
1018 00570      IF RESPONSE-CODE = DFHRESP(NORMAL)
1019 00571          IF CUSTOMER-MASTER-RECORD = CA-CUSTOMER-RECORD
1020 00572              PERFORM 4100-DELETE-CUSTOMER-RECORD
1021 00573              MOVE 'Customer deleted.' TO MSG10
1022 00574              SET SEND-ERASE TO TRUE
1023 00575          ELSE
1024 00576              MOVE 'Another user has updated the record. Try again
1025 00577                  ' TO MSG10
1026 00578              SET SEND-ERASE-ALARM TO TRUE
1027 00579          END-IF
1028 00580      ELSE
1029 00581          IF RESPONSE-CODE = DFHRESP(NOTFND)
1030 00582              MOVE 'Another user has deleted the record.' TO
1031 00583                  MSG10
1032 00584              SET SEND-ERASE-ALARM TO TRUE
1033 00585          END-IF
1034 00586      END-IF.
1035 00587      MOVE -1 TO CUSTN01L.
1036 00588      PERFORM 1500-SEND-KEY-MAP.

```

1037 CICS 7.2.0 COMMAND LANGUAGE TRANSLATOR

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```

1038 LINE      SOURCE LISTING
1039 00589      SET PROCESS-KEY-MAP TO TRUE.
1040 00590      *
1041 00591      4100-DELETE-CUSTOMER-RECORD.
1042 00592      *
1043 00593      PERFORM 8100-OPEN-CUST-FILE.
1044 00594      EXEC CICS
1045 00595          DELETE FILE('CMFFEC')
1046 00596              RESP(RESPONSE-CODE)
1047 00597      END-EXEC.
1048 00598      *
1049 00599      IF RESPONSE-CODE NOT = DFHRESP(NORMAL)
1050 00600          PERFORM 9999-TERMINATE-PROGRAM
1051 00601      END-IF.
1052 00602      *
1053 00603      8100-OPEN-CUST-FILE.
1054 00604      *
1055 00605      EXEC CICS
1056 00606          INQUIRE FILE('CMFFEC')

```

```

1057 00607          OPENSTATUS(CMF-OPEN-STATUS)
1058 00608          ENABLESTATUS(CMF-ENABLE-STATUS)
1059 00609          END-EXEC.
1060 00610      *
1061 00611          IF CMF-OPEN-STATUS = DFHVALUE(CLOSED)
1062 00612              EXEC CICS
1063 00613                  SET FILE('CMFFEC') OPEN
1064 00614              END-EXEC
1065 00615              MOVE 'Y' TO CMF-OPEN
1066 00616          ELSE IF CMF-OPEN-STATUS = DFHVALUE(OPEN)
1067 00617              NEXT SENTENCE
1068 00618          ELSE
1069 00619              EXEC CICS
1070 00620                  ABEND ABCODE ('OPEN')
1071 00621              END-EXEC
1072 00622          END-IF.
1073 00623      *
1074 00624          9100-SEND-TERMINATION-MESSAGE.
1075 00625      *
1076 00626              EXEC CICS
1077 00627                  SEND TEXT FROM(END-OF-SESSION-MESSAGE)
1078 00628                      ERASE
1079 00629                      FREEKB
1080 00630              END-EXEC.
1081 00631          9999-TERMINATE-PROGRAM.
1082 00632      *
1083 00633          MOVE EIBRESP TO ERR-RESP.
1084 00634          MOVE EIBRESP2 TO ERR-RESP2.
1085 00635          MOVE EIBTRNID TO ERR-TRNID.
1086 00636          MOVE EIBRSRCE TO ERR-RSRCE.
1087 00637      *
1088 00638          EXEC CICS
1089 00639              XCTL PROGRAM('SYSERR')
1090 00640              COMMAREA(ERROR-PARAMETERS)
1091 00641          END-EXEC.
1092 00642

```

1093 NO MESSAGES PRODUCED BY TRANSLATOR.

1094 CICS 7.2.0 COMMAND LANGUAGE TRANSLATOR

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1095 TRANSLATION TIME:- 0.00 MINS.

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1097 Invocation parameters:

1098 NOXREF,NODBCS,APOST,OBJECT,NODYNAM

1099 PROCESS(CBL) statements:

1100 Process rent,nodynam

1101

1102 IGYOS4020-W The "NSYMBOL(NATIONAL)" option was discarded due to option conflict resolution. The "NODBCS" option from

1103 compiler invocation parameter took precedence.

1104

1105 Options in effect:

1106 NOADATA

1107 ADV

1108 AFP(NOVOLATILE)

1109 APOST

1110 ARCH(8)

1111 ARITH(COMPAT)
1112 NOAWO
1113 NOBLOCK0
1114 BUFSIZE(4096)
1115 NOCICS
1116 CODEPAGE(1140)
1117 NOCOMPILE(S)
1118 NOCOPYLOC
1119 NOCOPYRIGHT
1120 NOCURRENCY
1121 DATA(31)
1122 NODBCS
1123 NODECK
1124 NODEFINE
1125 NODIAGTRUNC
1126 DISPSIGN(COMPAT)
1127 NODLL
1128 NODUMP
1129 NODYNAM
1130 NOEXIT
1131 NOEXPORTALL
1132 NOFASTSRT
1133 FLAG(I,I)
1134 NOFLAGSTD
1135 HGPR(PRESERVE)
1136 NOINITCHECK
1137 NOINITIAL
1138 INLINE
1139 INTDATE(ANSI)
1140 NOJTC
1141 LANGUAGE(EN)
1142 LINECOUNT(60)
1143 NOLIST
1144 LP(32)
1145 NOMAP
1146 MAXPCF(100000)
1147 NOMDECK
1148 NONAME
1149 NSYMBOL(DBCS)
1150 NONUMBER
1151 NONUMCHECK
1152 NUMPROC(NOPFD)
1153 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P200115
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1154 OBJECT
1155 NOOFFSET
1156 OPTIMIZE(0)
1157 OUTDD(SYSOUT)
1158 NOPARMCHECK
1159 PGMNAME(COMPAT)
1160 QUALIFY(COMPAT)
1161 RENT
1162 RMODE(AUTO)
1163 NORULES
1164 NOSERVICE
1165 SEQUENCE
1166 SOURCE

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```

1167 SPACE(1)
1168 NOSQL
1169 SQLCCSID
1170 NOSQLIMS
1171 NOSSRANGE
1172 NOSTGOPT
1173 SUPPRESS
1174 NOTERM
1175 NOTEST(NODWARF,NOSOURCE,NOSEPARATE)
1176 NOTHREAD
1177 TRUNC(STD)
1178 NOVBREF
1179 VLR(STANDARD)
1180 VSAMOPENFS(COMPAT)
1181 NOWORD
1182 XMLPARSE(XMLSS)
1183 NOXREF
1184 ZONEDATA(PFD)
1185 ZWB
1186 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P200115 CMMNTFEC Date 02/24/2023
      Time 11:02:30 Page 3
1187 LineID PL SL -----*A-1-B--*-----2-----3-----4-----5-----6-----7-|--
      +-----8 Map and Cross Reference
1188 000001 IDENTIFICATION DIVISION.
1189 000002 *
1190 000003 PROGRAM-ID. CMMNTFEC.
1191 000004 *
1192 000005 ENVIRONMENT DIVISION.
1193 000006 *
1194 000007 DATA DIVISION.
1195 000008 *
1196 000009 WORKING-STORAGE SECTION.
1197 000010 *
1198 000011 01 SWITCHES.
1199 000012 *
1200 000013 05 VALID-DATA-SW PIC X(01) VALUE 'Y'.
1201 000014 88 VALID-DATA VALUE 'Y'.
1202 000015 *
1203 000016 01 FLAGS.
1204 000017 *
1205 000018 05 SEND-FLAG PIC X(01).
1206 000019 88 SEND-ERASE VALUE '1'.
1207 000020 88 SEND-ERASE-ALARM VALUE '2'.
1208 000021 88 SEND-DATAONLY VALUE '3'.
1209 000022 88 SEND-DATAONLY-ALARM VALUE '4'.
1210 000023 *
1211 000024
1212 000025 01 WS-FILE-STATUS-INFO.
1213 000026 05 CMF-OPEN PIC X.
1214 000027 05 CMF-OPEN-STATUS PIC S9(8) COMP.
1215 000028 05 CMF-ENABLE-STATUS PIC S9(8) COMP.
1216 000029 *
1217 000030 01 END-OF-SESSION-MESSAGE PIC X(13)
1218 000031 VALUE 'Session ended'.
1219 000032 *
1220 000033
1221 000034 01 WORK-FIELDS.

```

```

1222 000035      *
1223 000036      05 RESPONSE-CODE                PIC S9(08) COMP.
1224 000037      *
1225 000038      01 USER-INSTRUCTIONS.
1226 000039      *
1227 000040      05 ADD-INSTRUCTION                PIC X(79) VALUE
1228 000041          'Type information for new customer.  Then Press Enter.'.
1229 000042      05 CHANGE-INSTRUCTION                PIC X(79) VALUE
1230 000043          'Type changes.  Then press Enter.'.
1231 000044      05 DELETE-INSTRUCTION                PIC X(79) VALUE
1232 000045          'Press Enter to delete this customer or press F12 to canc
1233 000046          'el.'.
1234 000047      *
1235 000048      01 COMMUNICATION-AREA.
1236 000049      *
1237 000050      05 CA-CONTEXT-FLAG                PIC X(01).
1238 000051          88 PROCESS-KEY-MAP                VALUE '1'.
1239 000052          88 PROCESS-ADD-CUSTOMER            VALUE '2'.
1240 000053          88 PROCESS-CHANGE-CUSTOMER        VALUE '3'.
1241 000054          88 PROCESS-DELETE-CUSTOMER        VALUE '4'.
1242 000055      05 CA-CUSTOMER-RECORD.
1243 000056          10 CA-CUSTOMER-NUMBER            PIC X(06).
1244 000057          10 FILLER                        PIC X(112).

```

1245 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P200115 CMMNTFEC Date 02/24/2023

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1246 LineID PL SL -----*A-1-B---+---2---+---3---+---4---+---5---+---6---+---7---|--
+---8 Map and Cross Reference

```

1247 000058      *
1248 000059      COPY CUSTMAS.
1249 000060C      01 CUSTOMER-MASTER-RECORD.
1250 000061C      *
1251 000062C          05 CM-CUSTOMER-NUMBER        PIC X(6).
1252 000063C          05 CM-FIRST-NAME                PIC X(20).
1253 000064C          05 CM-LAST-NAME                PIC X(30).
1254 000065C          05 CM-ADDRESS                PIC X(30).
1255 000066C          05 CM-CITY                PIC X(20).
1256 000067C          05 CM-STATE                PIC X(2).
1257 000068C          05 CM-ZIP-CODE                PIC X(10).
1258 000069C
1259 000070      *
1260 000071      COPY MNTSFEC.
1261 000072C      01 MNT1FECI.
1262 000073C          02 FILLER PIC X(12).
1263 000074C          02 TRANID1L    COMP PIC S9(4).
1264 000075C          02 TRANID1F    PICTURE X.
1265 000076C          02 FILLER REDEFINES TRANID1F.
1266 000077C              03 TRANID1A    PICTURE X.
1267 000078C          02 FILLER    PICTURE X(2).
1268 000079C          02 TRANID1I    PIC X(4).
1269 000080C          02 CUSTN01L    COMP PIC S9(4).
1270 000081C          02 CUSTN01F    PICTURE X.
1271 000082C          02 FILLER REDEFINES CUSTN01F.
1272 000083C              03 CUSTN01A    PICTURE X.
1273 000084C          02 FILLER    PICTURE X(2).
1274 000085C          02 CUSTN01I    PIC X(6).
1275 000086C          02 ACTIONL    COMP PIC S9(4).
1276 000087C          02 ACTIONF    PICTURE X.

```

```

1277 000088C      02 FILLER REDEFINES ACTIONF.
1278 000089C      03 ACTIONA PICTURE X.
1279 000090C      02 FILLER PICTURE X(2).
1280 000091C      02 ACTIONI PIC X(1).
1281 000092C      02 MSG1L COMP PIC S9(4).
1282 000093C      02 MSG1F PICTURE X.
1283 000094C      02 FILLER REDEFINES MSG1F.
1284 000095C      03 MSG1A PICTURE X.
1285 000096C      02 FILLER PICTURE X(2).
1286 000097C      02 MSG1I PIC X(79).
1287 000098C      02 DUMMY1L COMP PIC S9(4).
1288 000099C      02 DUMMY1F PICTURE X.
1289 000100C      02 FILLER REDEFINES DUMMY1F.
1290 000101C      03 DUMMY1A PICTURE X.
1291 000102C      02 FILLER PICTURE X(2).
1292 000103C      02 DUMMY1I PIC X(1).
1293 000104C      01 MNT1FECO REDEFINES MNT1FECI.
1294 000105C      02 FILLER PIC X(12).
1295 000106C      02 FILLER PICTURE X(3).
1296 000107C      02 TRANID1C PICTURE X.
1297 000108C      02 TRANID1H PICTURE X.
1298 000109C      02 TRANID10 PIC X(4).
1299 000110C      02 FILLER PICTURE X(3).
1300 000111C      02 CUSTN01C PICTURE X.
1301 000112C      02 CUSTN01H PICTURE X.
1302 000113C      02 CUSTN010 PIC X(6).
1303 000114C      02 FILLER PICTURE X(3).

```

1304 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P200115

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1305 LineID PL SL -----*A-1-B---+---2---+---3---+---4---+---5---+---6---+---7---|--
+---8 Map and Cross Reference

```

1306 000115C      02 ACTIONC PICTURE X.
1307 000116C      02 ACTIONH PICTURE X.
1308 000117C      02 ACTIONO PIC X(1).
1309 000118C      02 FILLER PICTURE X(3).
1310 000119C      02 MSG1C PICTURE X.
1311 000120C      02 MSG1H PICTURE X.
1312 000121C      02 MSG10 PIC X(79).
1313 000122C      02 FILLER PICTURE X(3).
1314 000123C      02 DUMMY1C PICTURE X.
1315 000124C      02 DUMMY1H PICTURE X.
1316 000125C      02 DUMMY10 PIC X(1).
1317 000126C      01 MNT2FECI.
1318 000127C      02 FILLER PIC X(12).
1319 000128C      02 TRANID2L COMP PIC S9(4).
1320 000129C      02 TRANID2F PICTURE X.
1321 000130C      02 FILLER REDEFINES TRANID2F.
1322 000131C      03 TRANID2A PICTURE X.
1323 000132C      02 FILLER PICTURE X(2).
1324 000133C      02 TRANID2I PIC X(4).
1325 000134C      02 INSTR2L COMP PIC S9(4).
1326 000135C      02 INSTR2F PICTURE X.
1327 000136C      02 FILLER REDEFINES INSTR2F.
1328 000137C      03 INSTR2A PICTURE X.
1329 000138C      02 FILLER PICTURE X(2).
1330 000139C      02 INSTR2I PIC X(79).
1331 000140C      02 CUSTN02L COMP PIC S9(4).

```

```

1332 000141C      02 CUSTNO2F    PICTURE X.
1333 000142C      02 FILLER REDEFINES CUSTNO2F.
1334 000143C          03 CUSTNO2A    PICTURE X.
1335 000144C      02 FILLER    PICTURE X(2).
1336 000145C      02 CUSTNO2I    PIC X(6).
1337 000146C      02 LNAMEL    COMP PIC S9(4).
1338 000147C      02 LNAMEF    PICTURE X.
1339 000148C      02 FILLER REDEFINES LNAMEF.
1340 000149C          03 LNAMEA    PICTURE X.
1341 000150C      02 FILLER    PICTURE X(2).
1342 000151C      02 LNAMEI    PIC X(30).
1343 000152C      02 FNAMEL    COMP PIC S9(4).
1344 000153C      02 FNAMEF    PICTURE X.
1345 000154C      02 FILLER REDEFINES FNAMEF.
1346 000155C          03 FNAMEA    PICTURE X.
1347 000156C      02 FILLER    PICTURE X(2).
1348 000157C      02 FNAMEI    PIC X(20).
1349 000158C      02 ADDRLL    COMP PIC S9(4).
1350 000159C      02 ADDRFL    PICTURE X.
1351 000160C      02 FILLER REDEFINES ADDRFL.
1352 000161C          03 ADDRRA    PICTURE X.
1353 000162C      02 FILLER    PICTURE X(2).
1354 000163C      02 ADDRRI    PIC X(30).
1355 000164C      02 CITYLL    COMP PIC S9(4).
1356 000165C      02 CITYFL    PICTURE X.
1357 000166C      02 FILLER REDEFINES CITYFL.
1358 000167C          03 CITYRA    PICTURE X.
1359 000168C      02 FILLER    PICTURE X(2).
1360 000169C      02 CITYLI    PIC X(20).
1361 000170C      02 STATEL    COMP PIC S9(4).
1362 000171C      02 STATEF    PICTURE X.

```

1363 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P200115

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1364 LineID PL SL ----+*A-1-B--+----2-----3-----4-----5-----6-----7-|--
+----8 Map and Cross Reference

```

1365 000172C      02 FILLER REDEFINES STATEF.
1366 000173C          03 STATEA    PICTURE X.
1367 000174C      02 FILLER    PICTURE X(2).
1368 000175C      02 STATEI    PIC X(2).
1369 000176C      02 ZIPCODEL    COMP PIC S9(4).
1370 000177C      02 ZIPCODEF    PICTURE X.
1371 000178C      02 FILLER REDEFINES ZIPCODEF.
1372 000179C          03 ZIPCODEA    PICTURE X.
1373 000180C      02 FILLER    PICTURE X(2).
1374 000181C      02 ZIPCODEI    PIC X(10).
1375 000182C      02 MSG2L    COMP PIC S9(4).
1376 000183C      02 MSG2F    PICTURE X.
1377 000184C      02 FILLER REDEFINES MSG2F.
1378 000185C          03 MSG2A    PICTURE X.
1379 000186C      02 FILLER    PICTURE X(2).
1380 000187C      02 MSG2I    PIC X(79).
1381 000188C      02 DUMMY2L    COMP PIC S9(4).
1382 000189C      02 DUMMY2F    PICTURE X.
1383 000190C      02 FILLER REDEFINES DUMMY2F.
1384 000191C          03 DUMMY2A    PICTURE X.
1385 000192C      02 FILLER    PICTURE X(2).
1386 000193C      02 DUMMY2I    PIC X(1).

```

```

1387 000194C      01 MNT2FECO REDEFINES MNT2FECI.
1388 000195C      02 FILLER PIC X(12).
1389 000196C      02 FILLER PICTURE X(3).
1390 000197C      02 TRANID2C PICTURE X.
1391 000198C      02 TRANID2H PICTURE X.
1392 000199C      02 TRANID2O PIC X(4).
1393 000200C      02 FILLER PICTURE X(3).
1394 000201C      02 INSTR2C PICTURE X.
1395 000202C      02 INSTR2H PICTURE X.
1396 000203C      02 INSTR2O PIC X(79).
1397 000204C      02 FILLER PICTURE X(3).
1398 000205C      02 CUSTNO2C PICTURE X.
1399 000206C      02 CUSTNO2H PICTURE X.
1400 000207C      02 CUSTNO2O PIC X(6).
1401 000208C      02 FILLER PICTURE X(3).
1402 000209C      02 LNAMEC PICTURE X.
1403 000210C      02 LNAMEH PICTURE X.
1404 000211C      02 LNAMEO PIC X(30).
1405 000212C      02 FILLER PICTURE X(3).
1406 000213C      02 FNAMEC PICTURE X.
1407 000214C      02 FNAMEH PICTURE X.
1408 000215C      02 FNAMEO PIC X(20).
1409 000216C      02 FILLER PICTURE X(3).
1410 000217C      02 ADDRRC PICTURE X.
1411 000218C      02 ADDRH PICTURE X.
1412 000219C      02 ADDRRO PIC X(30).
1413 000220C      02 FILLER PICTURE X(3).
1414 000221C      02 CITYC PICTURE X.
1415 000222C      02 CITYH PICTURE X.
1416 000223C      02 CITYO PIC X(20).
1417 000224C      02 FILLER PICTURE X(3).
1418 000225C      02 STATEC PICTURE X.
1419 000226C      02 STATEH PICTURE X.
1420 000227C      02 STATEO PIC X(2).
1421 000228C      02 FILLER PICTURE X(3).

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1423 LineID PL SL -----*A-1-B--+-----2-----3-----4-----5-----6-----7-|--
+-----8 Map and Cross Reference

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```

1424 000229C      02 ZIPCODEC PICTURE X.
1425 000230C      02 ZIPCODEH PICTURE X.
1426 000231C      02 ZIPCODEO PIC X(10).
1427 000232C      02 FILLER PICTURE X(3).
1428 000233C      02 MSG2C PICTURE X.
1429 000234C      02 MSG2H PICTURE X.
1430 000235C      02 MSG2O PIC X(79).
1431 000236C      02 FILLER PICTURE X(3).
1432 000237C      02 DUMMY2C PICTURE X.
1433 000238C      02 DUMMY2H PICTURE X.
1434 000239C      02 DUMMY2O PIC X(1).

```

*

COPY DFHAID.

```

1438 000243C
1439 000244C
1440 000245C
1441 000246C

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1442 000247C *
1443 000248C * "Restricted Materials of IBM" *
1444 000249C *
1445 000250C * 5655-Y04 *
1446 000251C *
1447 000252C * (C) Copyright IBM Corp. 1988, 2010" *
1448 000253C *
1449 000254C *
1450 000255C *
1451 000256C *
1452 000257C * STATUS = 7.2.0 *
1453 000258C *
1454 000259C * CHANGE ACTIVITY : *
1455 000260C *
1456 000261C * $SEG(DFHAID),COMP(BMS),PROD(CICS TS ): *
1457 000262C *
1458 000263C * PN= REASON REL YYMMDD HDXXIII : REMARKS *
1459 000264C * $D1= I07991 670 100820 HDIGPG : Translate unprintable char *
1460 000265C * $L0= Base 210 88 HD1MA : Base *
1461 000266C *
1462 000267C *****
1463 000268C *
1464 000269C *

```

```

1465 000270C 01 DFHAID.
1466 000271C 02 DFHNULL PIC X VALUE IS X'00'.
1467 000272C 02 DFHENTER PIC X VALUE IS ' '.
1468 000273C 02 DFHCLEAR PIC X VALUE IS ' '.
1469 000274C 02 DFHCLRP PIC X VALUE IS 'A'.
1470 000275C 02 DFHPEN PIC X VALUE IS '='.
1471 000276C 02 DFHOPIID PIC X VALUE IS 'W'.
1472 000277C 02 DFHMSRE PIC X VALUE IS 'X'.
1473 000278C 02 DFHSTRF PIC X VALUE IS 'h'.
1474 000279C 02 DFHTRIG PIC X VALUE IS ' '.
1475 000280C 02 DFHPA1 PIC X VALUE IS '%'.
1476 000281C 02 DFHPA2 PIC X VALUE IS '>'.
1477 000282C 02 DFHPA3 PIC X VALUE IS ','.
1478 000283C 02 DFHPPF1 PIC X VALUE IS '1'.
1479 000284C 02 DFHPPF2 PIC X VALUE IS '2'.
1480 000285C 02 DFHPPF3 PIC X VALUE IS '3'.

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1482 LineID PL SL -----*A-1-B-+-----2-----3-----4-----5-----6-----7-|--
+-----8 Map and Cross Reference

```

1483 000286C 02 DFHPPF4 PIC X VALUE IS '4'.
1484 000287C 02 DFHPPF5 PIC X VALUE IS '5'.
1485 000288C 02 DFHPPF6 PIC X VALUE IS '6'.
1486 000289C 02 DFHPPF7 PIC X VALUE IS '7'.
1487 000290C 02 DFHPPF8 PIC X VALUE IS '8'.
1488 000291C 02 DFHPPF9 PIC X VALUE IS '9'.
1489 000292C 02 DFHPPF10 PIC X VALUE IS ':'.
1490 000293C 02 DFHPPF11 PIC X VALUE IS '#'.
1491 000294C 02 DFHPPF12 PIC X VALUE IS '@'.
1492 000295C 02 DFHPPF13 PIC X VALUE IS 'A'.
1493 000296C 02 DFHPPF14 PIC X VALUE IS 'B'.
1494 000297C 02 DFHPPF15 PIC X VALUE IS 'C'.
1495 000298C 02 DFHPPF16 PIC X VALUE IS 'D'.
1496 000299C 02 DFHPPF17 PIC X VALUE IS 'E'.

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```

1497 000300C      02 DFHPF18    PIC X  VALUE IS 'F'.
1498 000301C      02 DFHPF19    PIC X  VALUE IS 'G'.
1499 000302C      02 DFHPF20    PIC X  VALUE IS 'H'.
1500 000303C      02 DFHPF21    PIC X  VALUE IS 'I'.
1501 000304C      02 DFHPF22    PIC X  VALUE IS 'Å'.
1502 000305C      02 DFHPF23    PIC X  VALUE IS '.'.
1503 000306C      02 DFHPF24    PIC X  VALUE IS '<'.
1504 000307      *
1505 000308      COPY ATTR.
1506 000309C      01 ATTRIBUTE-DEFINITIONS.
1507 000310C      *
1508 000311C          05 ATTR-UNPROT          PIC X  VALUE ' '.
1509 000312C          05 ATTR-UNPROT-MDT      PIC X  VALUE X'C1'.
1510 000313C          05 ATTR-UNPROT-BRT      PIC X  VALUE X'C8'.
1511 000314C          05 ATTR-UNPROT-BRT-MDT  PIC X  VALUE X'C9'.
1512 000315C          05 ATTR-UNPROT-DARK     PIC X  VALUE X'4C'.
1513 000316C          05 ATTR-UNPROT-DARK-MDT PIC X  VALUE X'4D'.
1514 000317C          05 ATTR-UNPROT-NUM      PIC X  VALUE X'50'.
1515 000318C          05 ATTR-UNPROT-NUM-MDT  PIC X  VALUE X'D1'.
1516 000319C          05 ATTR-UNPROT-NUM-BRT  PIC X  VALUE X'D8'.
1517 000320C          05 ATTR-UNPROT-NUM-BRT-MDT PIC X  VALUE X'D9'.
1518 000321C          05 ATTR-UNPROT-NUM-DARK PIC X  VALUE X'5C'.
1519 000322C          05 ATTR-UNPROT-NUM-DARK-MDT PIC X  VALUE X'5D'.
1520 000323C          05 ATTR-PROT           PIC X  VALUE X'60'.
1521 000324C          05 ATTR-PROT-MDT       PIC X  VALUE X'61'.
1522 000325C          05 ATTR-PROT-BRT       PIC X  VALUE X'E8'.
1523 000326C          05 ATTR-PROT-BRT-MDT   PIC X  VALUE X'E9'.
1524 000327C          05 ATTR-PROT-DARK     PIC X  VALUE '%'.
1525 000328C          05 ATTR-PROT-DARK-MDT  PIC X  VALUE X'6D'.
1526 000329C          05 ATTR-PROT-SKIP     PIC X  VALUE X'F0'.
1527 000330C          05 ATTR-PROT-SKIP-MDT  PIC X  VALUE X'F1'.
1528 000331C          05 ATTR-PROT-SKIP-BRT  PIC X  VALUE X'F8'.
1529 000332C          05 ATTR-PROT-SKIP-BRT-MDT PIC X  VALUE X'F9'.
1530 000333C          05 ATTR-PROT-SKIP-DARK PIC X  VALUE X'7C'.
1531 000334C          05 ATTR-PROT-SKIP-DARK-MDT PIC X  VALUE X'7D'.
1532 000335C      *
1533 000336C          05 ATTR-NO-HIGHLIGHT    PIC X  VALUE X'00'.
1534 000337C          05 ATTR-BLINK          PIC X  VALUE '1'.
1535 000338C          05 ATTR-REVERSE         PIC X  VALUE '2'.
1536 000339C          05 ATTR-UNDERSCORE     PIC X  VALUE '4'.
1537 000340C      *
1538 000341C          05 ATTR-DEFAULT-COLOR   PIC X  VALUE X'00'.
1539 000342C          05 ATTR-BLUE           PIC X  VALUE '1'.
1540 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P200115 CMMNTFEC Date 02/24/2023
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1541 LineID PL SL -----*A-1-B-+-----2-----3-----4-----5-----6-----7-|--
      +-----8 Map and Cross Reference
1542 000343C          05 ATTR-RED           PIC X  VALUE '2'.
1543 000344C          05 ATTR-PINK          PIC X  VALUE '3'.
1544 000345C          05 ATTR-GREEN         PIC X  VALUE '4'.
1545 000346C          05 ATTR-TURQUOISE     PIC X  VALUE '5'.
1546 000347C          05 ATTR-YELLOW       PIC X  VALUE '6'.
1547 000348C          05 ATTR-NEUTRAL       PIC X  VALUE '7'.
1548 000349C
1549 000350      *
1550 000351      COPY ERRPARM.
1551 000352C      01 ERROR-PARAMETERS.

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1552 000353C      *
1553 000354C      05  ERR-RESP      PIC S9(8)  COMP.
1554 000355C      05  ERR-RESP2    PIC S9(8)  COMP.
1555 000356C      05  ERR-TRNID    PIC X(4).
1556 000357C      05  ERR-RSRCE    PIC X(8).
1557 000358C
1558 000359      *
1559 000360
1560 000361      01  dfhb0020  comp-5 pic s9(4) is global.
1561 000362      01  dfhb0021  comp-5 pic s9(4) is global.
1562 000363      01  dfhb0022  comp-5 pic s9(4) is global.
1563 000364      01  dfhb0023  comp-5 pic s9(4) is global.
1564 000365      01  dfhb0024  comp-5 pic s9(4) is global.
1565 000366      01  dfhb0025  comp-5 pic s9(4) is global.
1566 000367      01  dfhc2550  pic x(255) is global.
1567 000368      01  dfhc2551  pic x(255) is global.
1568 000369      01  dfhc2552  pic x(255) is global.
1569 000370      01  dfhc2553  pic x(255) is global.
1570 000371      01  dfhc2460  pic x(246) is global.
1571 000372      01  dfhc2400  pic x(240) is global.
1572 000373      01  dfhc2401  pic x(240) is global.
1573 000374      01  dfhc2402  pic x(240) is global.
1574 000375      01  dfhc2403  pic x(240) is global.
1575 000376      LINKAGE SECTION.
1576 000377      *
1577 000378      01  dfheiblk.
1578 000379      02  eibtime  comp-3 pic s9(7).
1579 000380      02  eibdate  comp-3 pic s9(7).
1580 000381      02  eibtrnid pic x(4).
1581 000382      02  eibtaskn comp-3 pic s9(7).
1582 000383      02  eibtrmid pic x(4).
1583 000384      02  dfheigdi comp-5 pic s9(4).
1584 000385      02  eibcposn comp-5 pic s9(4).
1585 000386      02  eibcalen comp-5 pic s9(4).
1586 000387      02  eibaid   pic x(1).
1587 000388      02  eibfn    pic x(2).
1588 000389      02  eibrcode pic x(6).
1589 000390      02  eibds    pic x(8).
1590 000391      02  eibreqid pic x(8).
1591 000392      02  eibsrce  pic x(8).
1592 000393      02  eibsync  pic x(1).
1593 000394      02  eibfree  pic x(1).
1594 000395      02  eibrecv  pic x(1).
1595 000396      02  eibfil01 pic x(1).
1596 000397      02  eibatt   pic x(1).
1597 000398      02  eibeoc   pic x(1).
1598 000399      02  eibfmh  pic x(1).

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1600 LineID PL SL  ----+*A-1-B-+----2-+----3-+----4-+----5-+----6-+----7-|--
      +----8 Map and Cross Reference

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```

1601 000400      02  eibcompl pic x(1).
1602 000401      02  eibsig   pic x(1).
1603 000402      02  eibconf  pic x(1).
1604 000403      02  eiberr   pic x(1).
1605 000404      02  eiberrcd pic x(4).
1606 000405      02  eibsynrb pic x(1).

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1607 000406      02  eibnodat pic x(1).
1608 000407      02  eibresp comp-5 pic s9(8).
1609 000408      02  eibresp2 comp-5 pic s9(8).
1610 000409      02  eibrldbk pic x(1).
1611 000410      01  DFHCOMMAREA                      PIC X(119).
1612 000411      *
1613 000412      PROCEDURE DIVISION using dfheiblk dfhcommarea.
1614 000413      *
1615 000414      0000-PROCESS-CUSTOMER-MAINT.
1616 000415      *
1617 000416          IF EIBCALEN > ZERO
1618 000417      1          MOVE DFHCOMMAREA TO COMMUNICATION-AREA
1619 000418          END-IF.
1620 000419      *
1621 000420          EVALUATE TRUE
1622 000421      *
1623 000422          WHEN EIBCALEN = ZERO
1624 000423      1          MOVE LOW-VALUE TO MNT1FECO
1625 000424      1          MOVE -1 TO CUSTNO1L
1626 000425      1          SET SEND-ERASE TO TRUE
1627 000426      1          PERFORM 1500-SEND-KEY-MAP
1628 000427      1          SET PROCESS-KEY-MAP TO TRUE
1629 000428      *
1630 000429          WHEN EIBAID = DFHPF3
1631 000430      *EXEC CICS
1632 000431      *  INQUIRE FILE('CMFFEC')
1633 000432      *  OPENSTATUS(CMF-OPEN-STATUS)
1634 000433      *  ENABLESTATUS(CMF-ENABLE-STATUS)
1635 000434      *END-EXEC
1636 000435      1          Call 'DFHEI1' using by content x'4c028006078006000000
1637 000436      1          - '000000f0f0f0f9f1404040' by content 'CMFFEC ' by content x'0
1638 000437      1          - '000' by content x'0000' by content x'0000' by content x'0000
1639 000438      1          - '' by content x'0000' by content x'0000' by content x'0000'
1640 000439      1          by content x'0000' by content x'0000' by content x'0000' by
1641 000440      1          content x'0000' by content x'0000' by reference
1642 000441      1          CMF-OPEN-STATUS by reference CMF-ENABLE-STATUS end-call
1643 000442
1644 000443      * DFHVALUE(OPEN) = 18                      INSERTED BY TRANSLATOR
1645 000444      1          IF CMF-OPEN-STATUS = 18
1646 000445      *EXEC CICS
1647 000446      *  SET FILE('CMFFEC') CLOSED
1648 000447      *END-EXEC
1649 000448      2          Call 'DFHEI1' using by content x'4c04800007800000
1650 000449      2          - '0000004000f0f0f0f9f7404040' by content 'CMFFEC ' end-call
1651 000450
1652 000451      2          MOVE 'N' TO CMF-OPEN
1653 000452      1          END-IF
1654 000453      *EXEC CICS
1655 000454      *  XCTL PROGRAM('UUMENFEC')
1656 000455      *END-EXEC
1657 000456      1          Call 'DFHEI1' using by content x'0e0480000700000200f0
1658 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P200115 CMMNTFEC Date 02/24/2023
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1659 LineID PL SL -----*A-1-B-+-----2-----3-----4-----5-----6-----7-|--
      +-----8 Map and Cross Reference
1660 000457      1          - 'f0f1f0f2404040' by content 'UUMENFEC' end-call
1661 000458

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1662 000459
1663 000460          WHEN EIBAIID = DFHPF12
1664 000461      1          IF PROCESS-KEY-MAP
1665 000462          *EXEC CICS
1666 000463          *      INQUIRE FILE('CMFFEC')
1667 000464          *      OPENSTATUS(CMF-OPEN-STATUS)
1668 000465          *      ENABLESTATUS(CMF-ENABLE-STATUS)
1669 000466          *END-EXEC
1670 000467      2          Call 'DFHEI1' using by content x'4c02800607800600
1671 000468      2      -      '000000000f0f0f1f0f8404040' by content 'CMFFEC ' by content
1672 000469      2          x'0000' by content x'0000' by content x'0000' by content x'0
1673 000470      2      -      '000' by content x'0000' by content x'0000' by content x'0000
1674 000471      2      -      '' by content x'0000' by content x'0000' by content x'0000'
1675 000472      2          by content x'0000' by content x'0000' by reference
1676 000473      2          CMF-OPEN-STATUS by reference CMF-ENABLE-STATUS end-call
1677 000474
1678 000475          * DFHVALUE(OPEN) = 18                      INSERTED BY TRANSLATOR
1679 000476      2          IF CMF-OPEN-STATUS = 18
1680 000477          *EXEC CICS
1681 000478          *      SET FILE('CMFFEC') CLOSED
1682 000479          *END-EXEC
1683 000480      3          Call 'DFHEI1' using by content x'4c0480000780
1684 000481      3      -      '00000000004000f0f0f1f1f4404040' by content 'CMFFEC '
1685 000482      3          end-call
1686 000483      3          MOVE 'N' TO CMF-OPEN
1687 000484      2          END-IF
1688 000485          *EXEC CICS
1689 000486          *      XCTL PROGRAM('UUMENFEC')
1690 000487          *END-EXEC
1691 000488      2          Call 'DFHEI1' using by content x'0e04800007000002
1692 000489      2      -      '00f0f0f1f1f9404040' by content 'UUMENFEC' end-call
1693 000490
1694 000491      1          ELSE
1695 000492      2          MOVE LOW-VALUE TO MNT1FECO
1696 000493      2          MOVE -1 TO CUSTN01L
1697 000494      2          SET SEND-ERASE TO TRUE
1698 000495      2          PERFORM 1500-SEND-KEY-MAP
1699 000496      2          SET PROCESS-KEY-MAP TO TRUE
1700 000497      1          END-IF
1701 000498          *
1702 000499          WHEN EIBAIID = DFHCLEAR
1703 000500      1          IF PROCESS-KEY-MAP
1704 000501      2          MOVE LOW-VALUE TO MNT1FECO
1705 000502      2          MOVE -1 TO CUSTN01L
1706 000503      2          SET SEND-ERASE TO TRUE
1707 000504      2          PERFORM 1500-SEND-KEY-MAP
1708 000505      1          ELSE
1709 000506      2          MOVE LOW-VALUE TO MNT2FECO
1710 000507      2          MOVE CA-CUSTOMER-NUMBER TO CUSTN020
1711 000508      2          EVALUATE TRUE
1712 000509      2              WHEN PROCESS-ADD-CUSTOMER
1713 000510      3                  MOVE ADD-INSTRUCTION      TO INSTR20
1714 000511      2              WHEN PROCESS-CHANGE-CUSTOMER
1715 000512      3                  MOVE CHANGE-INSTRUCTION TO INSTR20
1716 000513      2              WHEN PROCESS-DELETE-CUSTOMER

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1718  LineID  PL SL  ----+--*A-1-B--+----2----+----3----+----4----+----5----+----6----+----7-|--
      +----8 Map and Cross Reference
1719  000514      3                      MOVE DELETE-INSTRUCTION TO INSTR20
1720  000515      2                      END-EVALUATE
1721  000516      2                      MOVE -1 TO LNAME1
1722  000517      2                      SET SEND-ERASE TO TRUE
1723  000518      2                      PERFORM 1400-SEND-DATA-MAP
1724  000519      1                      END-IF
1725  000520      *
1726  000521      WHEN EIBAIID = DFHPA1 OR DFHPA2 OR DFHPA3
1727  000522      1                      CONTINUE
1728  000523      *
1729  000524      WHEN EIBAIID = DFHENTER
1730  000525      1                      EVALUATE TRUE
1731  000526      1                      WHEN PROCESS-KEY-MAP
1732  000527      2                      PERFORM 1000-PROCESS-KEY-MAP
1733  000528      1                      WHEN PROCESS-ADD-CUSTOMER
1734  000529      2                      PERFORM 2000-PROCESS-ADD-CUSTOMER
1735  000530      1                      WHEN PROCESS-CHANGE-CUSTOMER
1736  000531      2                      PERFORM 3000-PROCESS-CHANGE-CUSTOMER
1737  000532      1                      WHEN PROCESS-DELETE-CUSTOMER
1738  000533      2                      PERFORM 4000-PROCESS-DELETE-CUSTOMER
1739  000534      1                      END-EVALUATE
1740  000535      *
1741  000536      WHEN OTHER
1742  000537      1                      IF PROCESS-KEY-MAP
1743  000538      2                      MOVE LOW-VALUE TO MNT1FECD
1744  000539      2                      MOVE 'That key is unassigned.' TO MSG10
1745  000540      2                      MOVE -1 TO CUSTNO1L
1746  000541      2                      SET SEND-DATAONLY-ALARM TO TRUE
1747  000542      2                      PERFORM 1500-SEND-KEY-MAP
1748  000543      1                      ELSE
1749  000544      2                      MOVE LOW-VALUE TO MNT2FECD
1750  000545      2                      MOVE 'That key is unassigned.' TO MSG20
1751  000546      2                      MOVE -1 TO LNAME1
1752  000547      2                      SET SEND-DATAONLY-ALARM TO TRUE
1753  000548      2                      PERFORM 1400-SEND-DATA-MAP
1754  000549      1                      END-IF
1755  000550      *
1756  000551      END-EVALUATE.
1757  000552
1758  000553      *EXEC CICS
1759  000554      *      RETURN TRANSID('MFEC')
1760  000555      *      COMMAREA(COMMUNICATION-AREA)
1761  000556      *END-EXEC.
1762  000557      Move length of COMMUNICATION-AREA to dfhb0020
1763  000558      Call 'DFHEI1' using by content x'0e08e0000700001000f0f0f1f8f4
1764  000559      - '404040' by content 'MFEC' by reference COMMUNICATION-AREA by
1765  000560      reference dfhb0020 end-call.
1766  000561      *
1767  000562      1000-PROCESS-KEY-MAP.
1768  000563      *
1769  000564      PERFORM 1100-RECEIVE-KEY-MAP.
1770  000565      PERFORM 1200-EDIT-KEY-DATA.
1771  000566      IF VALID-DATA
1772  000567      1                      IF NOT PROCESS-DELETE-CUSTOMER
1773  000568      2                      INSPECT CUSTOMER-MASTER-RECORD

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1774 000569      2                      REPLACING ALL SPACE BY '_'
1775 000570      1                      END-IF
1776 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P200115      CMMNTFEC Date 02/24/2023
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1777 LineID PL SL -----*A-1-B--+-----2-----3-----4-----5-----6-----7-|--
      +-----8 Map and Cross Reference
1778 000571      1                      MOVE CUSTN01I      TO CUSTN020
1779 000572      1                      MOVE CM-LAST-NAME TO LNAMEO
1780 000573      1                      MOVE CM-FIRST-NAME TO FNAMEO
1781 000574      1                      MOVE CM-ADDRESS   TO ADDRO
1782 000575      1                      MOVE CM-CITY      TO CITYO
1783 000576      1                      MOVE CM-STATE     TO STATEO
1784 000577      1                      MOVE CM-ZIP-CODE  TO ZIPCODEO
1785 000578      1                      MOVE -1 TO LNAMEL
1786 000579      1                      SET SEND-ERASE TO TRUE
1787 000580      1                      PERFORM 1400-SEND-DATA-MAP
1788 000581      1                      ELSE
1789 000582      1                      MOVE LOW-VALUE TO CUSTN010
1790 000583      1                      ACTIONO
1791 000584      1                      SET SEND-DATAONLY-ALARM TO TRUE
1792 000585      1                      PERFORM 1500-SEND-KEY-MAP
1793 000586      1                      END-IF.
1794 000587      *
1795 000588      1100-RECEIVE-KEY-MAP.
1796 000589      *
1797 000590      *EXEC CICS
1798 000591      *  RECEIVE MAP('MNT1FEC')
1799 000592      *  MAPSET('MNTSFEC')
1800 000593      *  INTO(MNT1FECI)
1801 000594      *END-EXEC.
1802 000595      Call 'DFHEI1' using by content x'1802d0000700000000509000000
1803 000596      - '20f0f0f2f1f7404040' by content 'MNT1FEC' by reference
1804 000597      MNT1FECI by content x'0000' by content 'MNTSFEC' end-call.
1805 000598
1806 000599
1807 000600      *
1808 000601      INSPECT MNT1FECI
1809 000602      REPLACING ALL '_' BY SPACE.
1810 000603      *
1811 000604      1200-EDIT-KEY-DATA.
1812 000605      *
1813 000606      MOVE ATTR-NO-HIGHLIGHT TO ACTIONH
1814 000607      CUSTN01H.
1815 000608      *
1816 000609      IF ACTIONI NOT = '1' AND '2' AND '3'
1817 000610      1      MOVE ATTR-REVERSE TO ACTIONH
1818 000611      1      MOVE -1 TO ACTIONL
1819 000612      1      MOVE 'Action must be 1, 2, or 3.' TO MSG10
1820 000613      1      MOVE 'N' TO VALID-DATA-SW
1821 000614      END-IF.
1822 000615      *
1823 000616      IF      CUSTN01L = ZERO
1824 000617      OR      CUSTN01I = SPACE
1825 000618      1      MOVE ATTR-REVERSE TO CUSTN01H
1826 000619      1      MOVE -1 TO CUSTN01L
1827 000620      1      MOVE 'You must enter a customer number.' TO MSG10
1828 000621      1      MOVE 'N' TO VALID-DATA-SW

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1829 000622          END-IF.
1830 000623          *
1831 000624          IF VALID-DATA
1832 000625      1      MOVE LOW-VALUE TO MNT2FECO
1833 000626      1      EVALUATE ACTIONI
1834 000627      1      WHEN '1'
1835 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P200115      CMMNTFEC Date 02/24/2023
      Time 11:02:30 Page 14
1836 LineID PL SL  ----+*A-1-B--+----2-----3-----4-----5-----6-----7-|--
      +----8 Map and Cross Reference
1837 000628      2      PERFORM 1300-READ-CUSTOMER-RECORD
1838 000629          * DFHRESP(NOTFND) = 13      INSERTED BY TRANSLATOR
1839 000630      2      IF RESPONSE-CODE = 13
1840 000631      3      MOVE ADD-INSTRUCTION TO INSTR20
1841 000632      3      SET PROCESS-ADD-CUSTOMER TO TRUE
1842 000633      3      MOVE SPACE TO CUSTOMER-MASTER-RECORD
1843 000634      2      ELSE
1844 000635          * DFHRESP(NORMAL) = 0      INSERTED BY TRANSLATOR
1845 000636      3      IF RESPONSE-CODE = 0
1846 000637      4      MOVE 'That customer already exists.'
1847 000638      4      TO MSG10
1848 000639      4      MOVE 'N' TO VALID-DATA-SW
1849 000640      3      END-IF
1850 000641      2      END-IF
1851 000642      1      WHEN '2'
1852 000643      2      PERFORM 1300-READ-CUSTOMER-RECORD
1853 000644          * DFHRESP(NORMAL) = 0      INSERTED BY TRANSLATOR
1854 000645      2      IF RESPONSE-CODE = 0
1855 000646      3      MOVE CUSTOMER-MASTER-RECORD TO
1856 000647      3      CA-CUSTOMER-RECORD
1857 000648      3      MOVE CHANGE-INSTRUCTION TO INSTR20
1858 000649      3      SET PROCESS-CHANGE-CUSTOMER TO TRUE
1859 000650      2      ELSE
1860 000651          * DFHRESP(NOTFND) = 13      INSERTED BY TRANSLATOR
1861 000652      3      IF RESPONSE-CODE = 13
1862 000653      4      MOVE 'That customer does not exist.' TO
1863 000654      4      MSG10
1864 000655      4      MOVE 'N' TO VALID-DATA-SW
1865 000656      3      END-IF
1866 000657      2      END-IF
1867 000658      1      WHEN '3'
1868 000659      2      PERFORM 1300-READ-CUSTOMER-RECORD
1869 000660          * DFHRESP(NORMAL) = 0      INSERTED BY TRANSLATOR
1870 000661      2      IF RESPONSE-CODE = 0
1871 000662      3      MOVE CUSTOMER-MASTER-RECORD TO
1872 000663      3      CA-CUSTOMER-RECORD
1873 000664      3      MOVE DELETE-INSTRUCTION TO INSTR20
1874 000665      3      SET PROCESS-DELETE-CUSTOMER TO TRUE
1875 000666      3      MOVE ATTR-PROT TO LNAMEA
1876 000667      3      FNAMEA
1877 000668      3      ADDRA
1878 000669      3      CITYA
1879 000670      3      STATEA
1880 000671      3      ZIPCODEA
1881 000672      2      ELSE
1882 000673          * DFHRESP(NOTFND) = 13      INSERTED BY TRANSLATOR
1883 000674      3      IF RESPONSE-CODE = 13

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1884 000675      4      MOVE 'That customer does not exist.' TO
1885 000676      4      MSG10
1886 000677      4      MOVE 'N' TO VALID-DATA-SW
1887 000678      3      END-IF
1888 000679      2      END-IF
1889 000680      1      END-EVALUATE.
1890 000681          *
1891 000682          1300-READ-CUSTOMER-RECORD.
1892 000683          *
1893 000684          PERFORM 8100-OPEN-CUST-FILE.
1894 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P200115      CMMNTFEC Date 02/24/2023
      Time 11:02:30 Page 15
1895 LineID PL SL  ----+*A-1-B--+----2----+----3----+----4----+----5----+----6----+----7-|--
      +----8 Map and Cross Reference
1896 000685          *
1897 000686          *EXEC CICS
1898 000687          *      READ FILE('CMFFEC')
1899 000688          *      INTO(CUSTOMER-MASTER-RECORD)
1900 000689          *      RIDFLD(CUSTN01I)
1901 000690          *      RESP(RESPONSE-CODE)
1902 000691          *END-EXEC
1903 000692          Move length of CUSTOMER-MASTER-RECORD to dfhb0020
1904 000693          Call 'DFHEI1' using by content x'0602f0002700008000f0f0f3f0f2
1905 000694          - '404040' by content 'CMFFEC ' by reference
1906 000695          CUSTOMER-MASTER-RECORD by reference dfhb0020 by reference
1907 000696          CUSTN01I end-call Move eibresp to RESPONSE-CODE
1908 000697
1909 000698          *
1910 000699          * DFHRESP(NORMAL) = 0      INSERTED BY TRANSLATOR
1911 000700          IF RESPONSE-CODE NOT = 0
1912 000701          * DFHRESP(NOTFND) = 13      INSERTED BY TRANSLATOR
1913 000702          AND RESPONSE-CODE NOT = 13
1914 000703      1      PERFORM 9999-TERMINATE-PROGRAM
1915 000704          END-IF.
1916 000705          *
1917 000706          1400-SEND-DATA-MAP.
1918 000707          *
1919 000708          MOVE 'MFEC' TO TRANID20.
1920 000709          *
1921 000710          EVALUATE TRUE
1922 000711          WHEN SEND-ERASE
1923 000712          *EXEC CICS
1924 000713          *      SEND MAP('MNT2FEC')
1925 000714          *      MAPSET('MNTSFEC')
1926 000715          *      FROM(MNT2FECO)
1927 000716          *      ERASE
1928 000717          *      CURSOR
1929 000718          *END-EXEC
1930 000719      1      Move length of MNT2FECO to dfhb0020
1931 000720      1      Move -1 to dfhb0021
1932 000721      1      Call 'DFHEI1' using by content x'1804f100070000000015
1933 000722      1      - 'e204000020f0f0f3f2f0404040' by content 'MNT2FEC' by
1934 000723      1      reference MNT2FECO by reference dfhb0020 by content 'MNTSFEC'
1935 000724      1      by content x'0000' by content x'0000' by content x'0000' by
1936 000725      1      reference dfhb0021 end-call
1937 000726          WHEN SEND-DATAONLY-ALARM
1938 000727          *EXEC CICS

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1939 000728      *      SEND MAP('MNT2FEC')
1940 000729      *      MAPSET('MNTSFEC')
1941 000730      *      FROM(MNT2FECO)
1942 000731      *      DATAONLY
1943 000732      *      ALARM
1944 000733      *      CURSOR
1945 000734      *EXEC
1946 000735      1      Move length of MNT2FECO to dfhb0020
1947 000736      1      Move -1 to dfhb0021
1948 000737      1      Call 'DFHEI1' using by content x'1804f1000700c40001d
1949 000738      1      - '2004000020f0f3f2f8404040' by content 'MNT2FEC' by
1950 000739      1      reference MNT2FECO by reference dfhb0020 by content 'MNTSFEC'
1951 000740      1      by content x'0000' by content x'0000' by content x'0000' by
1952 000741      1      reference dfhb0021 end-call
1953 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P200115      CMMNTFEC      Date 02/24/2023
      Time 11:02:30      Page      16
1954 LineID PL SL ----+*A-1-B---+----2----+----3----+----4----+----5----+----6----+----7-|--
      +----8 Map and Cross Reference
1955 000742
1956 000743      END-EVALUATE.
1957 000744      *
1958 000745      1500-SEND-KEY-MAP.
1959 000746      *
1960 000747      MOVE 'MFEC' TO TRANID10.
1961 000748      *
1962 000749      EVALUATE TRUE
1963 000750      WHEN SEND-ERASE
1964 000751      *EXEC CICS
1965 000752      *      SEND MAP('MNT1FEC')
1966 000753      *      MAPSET('MNTSFEC')
1967 000754      *      FROM(MNT1FECO)
1968 000755      *      ERASE
1969 000756      *      CURSOR
1970 000757      *END-EXEC
1971 000758      1      Move length of MNT1FECO to dfhb0020
1972 000759      1      Move -1 to dfhb0021
1973 000760      1      Call 'DFHEI1' using by content x'1804f100070000000015
1974 000761      1      - 'e204000020f0f3f4f4404040' by content 'MNT1FEC' by
1975 000762      1      reference MNT1FECO by reference dfhb0020 by content 'MNTSFEC'
1976 000763      1      by content x'0000' by content x'0000' by content x'0000' by
1977 000764      1      reference dfhb0021 end-call
1978 000765      WHEN SEND-ERASE-ALARM
1979 000766      *EXEC CICS
1980 000767      *      SEND MAP('MNT1FEC')
1981 000768      *      MAPSET('MNTSFEC')
1982 000769      *      FROM(MNT1FECO)
1983 000770      *      ERASE
1984 000771      *      ALARM
1985 000772      *      CURSOR
1986 000773      *END-EXEC
1987 000774      1      Move length of MNT1FECO to dfhb0020
1988 000775      1      Move -1 to dfhb0021
1989 000776      1      Call 'DFHEI1' using by content x'1804f1000700c40001d
1990 000777      1      - 'e204000020f0f3f5f2404040' by content 'MNT1FEC' by
1991 000778      1      reference MNT1FECO by reference dfhb0020 by content 'MNTSFEC'
1992 000779      1      by content x'0000' by content x'0000' by content x'0000' by
1993 000780      1      reference dfhb0021 end-call

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1994 000781
1995 000782                WHEN SEND-DATAONLY-ALARM
1996 000783            *EXEC CICS
1997 000784            *      SEND MAP('MNT1FEC')
1998 000785            *      MAPSET('MNTSFEC')
1999 000786            *      FROM(MNT1FECO)
2000 000787            *      DATAONLY
2001 000788            *      ALARM
2002 000789            *      CURSOR
2003 000790            *END-EXEC
2004 000791            1          Move length of MNT1FECO to dfhb0020
2005 000792            1          Move -1 to dfhb0021
2006 000793            1          Call 'DFHEI1' using by content x'1804f1000700c400001d
2007 000794            1      -  '2004000020f0f3f6f1404040' by content 'MNT1FEC' by
2008 000795            1          reference MNT1FECO by reference dfhb0020 by content 'MNTSFEC'
2009 000796            1          by content x'0000' by content x'0000' by content x'0000' by
2010 000797            1          reference dfhb0021 end-call
2011 000798
2012 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P200115          CMMNTFEC  Date 02/24/2023
      Time 11:02:30  Page 17
2013 LineID PL SL  -----*A-1-B--+----2-----3-----4-----5-----6-----7-|--
      +----8 Map and Cross Reference
2014 000799            END-EVALUATE.
2015 000800            *
2016 000801            2000-PROCESS-ADD-CUSTOMER.
2017 000802            *
2018 000803            PERFORM 2100-RECEIVE-DATA-MAP.
2019 000804            PERFORM 2200-EDIT-CUSTOMER-DATA.
2020 000805            IF VALID-DATA
2021 000806            1          PERFORM 2300-WRITE-CUSTOMER-RECORD
2022 000807            * DFHRESP(NORMAL) = 0                      INSERTED BY TRANSLATOR
2023 000808            1          IF RESPONSE-CODE = 0
2024 000809            2          MOVE 'Customer record added.' TO MSG10
2025 000810            2          SET SEND-ERASE TO TRUE
2026 000811            1          ELSE
2027 000812            * DFHRESP(DUPREC) = 14                      INSERTED BY TRANSLATOR
2028 000813            2          IF RESPONSE-CODE = 14
2029 000814            3          MOVE 'Another user has added a record with that c
2030 000815            3      -  'ustomer number.' TO MSG10
2031 000816            3          SET SEND-ERASE-ALARM TO TRUE
2032 000817            2          END-IF
2033 000818            1          END-IF
2034 000819            1          MOVE -1 TO CUSTN01L
2035 000820            1          PERFORM 1500-SEND-KEY-MAP
2036 000821            1          SET PROCESS-KEY-MAP TO TRUE
2037 000822            ELSE
2038 000823            1          MOVE LOW-VALUE TO LNAMEO
2039 000824            1          FNAMEO
2040 000825            1          ADDRO
2041 000826            1          CITYO
2042 000827            1          STATEO
2043 000828            1          ZIPCODEO
2044 000829            1          SET SEND-DATAONLY-ALARM TO TRUE
2045 000830            1          PERFORM 1400-SEND-DATA-MAP
2046 000831            END-IF.
2047 000832            *
2048 000833            2100-RECEIVE-DATA-MAP.

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2049 000834 *
2050 000835 *EXEC CICS
2051 000836 *   RECEIVE MAP('MNT2FEC')
2052 000837 *           MAPSET('MNTSFEC')
2053 000838 *           INTO(MNT2FECI)
2054 000839 *END-EXEC.
2055 000840      Call 'DFHEI1' using by content x'1802d000070000000050900000
2056 000841 -      '20f0f0f4f0f3404040' by content 'MNT2FEC' by reference
2057 000842      MNT2FECI by content x'0000' by content 'MNTSFEC' end-call.
2058 000843
2059 000844
2060 000845 *
2061 000846      INSPECT MNT2FECI
2062 000847      REPLACING ALL '_' BY SPACE.
2063 000848 *
2064 000849      2200-EDIT-CUSTOMER-DATA.
2065 000850 *
2066 000851      MOVE ATTR-NO-HIGHLIGHT TO ZIPCODEH
2067 000852                                STATEH
2068 000853                                CITYH
2069 000854                                ADDRH
2070 000855                                FNAMEH
2071 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P200115      CMMNTFEC  Date 02/24/2023
      Time 11:02:30  Page 18
2072 LineID  PL SL  -----*A-1-B---+-----2-----3-----4-----5-----6-----7-|--
      +-----8 Map and Cross Reference
2073 000856                                LNAMEH.
2074 000857
2075 000858      IF      ZIPCODEI = SPACE
2076 000859      OR ZIPCODEI = ZERO
2077 000860      1      MOVE ATTR-REVERSE TO ZIPCODEH
2078 000861      1      MOVE -1 TO ZIPCODEI
2079 000862      1      MOVE 'You must enter a zip code.' TO MSG20
2080 000863      1      MOVE 'N' TO VALID-DATA-SW
2081 000864      END-IF.
2082 000865
2083 000866      IF      STATEI = SPACE
2084 000867      OR STATEI = ZERO
2085 000868      1      MOVE ATTR-REVERSE TO STATEH
2086 000869      1      MOVE -1 TO STATEI
2087 000870      1      MOVE 'You must enter a state.' TO MSG20
2088 000871      1      MOVE 'N' TO VALID-DATA-SW
2089 000872      END-IF.
2090 000873
2091 000874      IF      CITYI = SPACE
2092 000875      OR CITYI = ZERO
2093 000876      1      MOVE ATTR-REVERSE TO CITYH
2094 000877      1      MOVE -1 TO CITYI
2095 000878      1      MOVE 'You must enter a city.' TO MSG20
2096 000879      1      MOVE 'N' TO VALID-DATA-SW
2097 000880      END-IF.
2098 000881
2099 000882      IF      ADDR I = SPACE
2100 000883      OR ADDR I = ZERO
2101 000884      1      MOVE ATTR-REVERSE TO ADDR H
2102 000885      1      MOVE -1 TO ADDR I
2103 000886      1      MOVE 'You must enter an address.' TO MSG20

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2104 000887      1      MOVE 'N' TO VALID-DATA-SW
2105 000888      END-IF.
2106 000889
2107 000890      IF      FNAMEI = SPACE
2108 000891          OR FNAMEI = ZERO
2109 000892      1      MOVE ATTR-REVERSE TO FNAMEH
2110 000893      1      MOVE -1 TO FNAMEI
2111 000894      1      MOVE 'You must enter a first name.' TO MSG20
2112 000895      1      MOVE 'N' TO VALID-DATA-SW
2113 000896      END-IF.
2114 000897
2115 000898      IF      LNAMEI = SPACE
2116 000899          OR LNAMEI = ZERO
2117 000900      1      MOVE ATTR-REVERSE TO LNAMEH
2118 000901      1      MOVE -1 TO LNAMEI
2119 000902      1      MOVE 'You must enter a last name.' TO MSG20
2120 000903      1      MOVE 'N' TO VALID-DATA-SW
2121 000904      END-IF.
2122 000905      *
2123 000906      2300-WRITE-CUSTOMER-RECORD.
2124 000907      *
2125 000908          PERFORM 8100-OPEN-CUST-FILE.
2126 000909          MOVE CUSTNO2I TO CM-CUSTOMER-NUMBER.
2127 000910          MOVE LNAMEI   TO CM-LAST-NAME.
2128 000911          MOVE FNAMEI   TO CM-FIRST-NAME.
2129 000912          MOVE ADDR1    TO CM-ADDRESS.
2130 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P200115      CMMNTFEC  Date 02/24/2023
      Time 11:02:30  Page 19
2131 LineID  PL SL  ----+*A-1-B--+----2----+----3----+----4----+----5----+----6----+----7-|--
      +----8 Map and Cross Reference
2132 000913      MOVE CITYI    TO CM-CITY.
2133 000914      MOVE STATEI   TO CM-STATE.
2134 000915      MOVE ZIPCODEI TO CM-ZIP-CODE.
2135 000916      *
2136 000917      *EXEC CICS
2137 000918      *  WRITE FILE('CMFFEC')
2138 000919      *      FROM(CUSTOMER-MASTER-RECORD)
2139 000920      *      RIDFLD(CM-CUSTOMER-NUMBER)
2140 000921      *      RESP(RESPONSE-CODE)
2141 000922      *END-EXEC.
2142 000923      Move length of CUSTOMER-MASTER-RECORD to dfhb0020
2143 000924      Call 'DFHEI1' using by content x'0604f0002728004400f0f0f4f8f0
2144 000925      -  '404040' by content 'CMFFEC ' by reference
2145 000926      CUSTOMER-MASTER-RECORD by reference dfhb0020 by reference
2146 000927      CM-CUSTOMER-NUMBER end-call
2147 000928      Move eibresp to RESPONSE-CODE.
2148 000929      *
2149 000930      * DFHRESP(NORMAL) = 0      INSERTED BY TRANSLATOR
2150 000931      IF      RESPONSE-CODE NOT = 0
2151 000932      * DFHRESP(DUPREC) = 14      INSERTED BY TRANSLATOR
2152 000933      AND RESPONSE-CODE NOT = 14
2153 000934      1      PERFORM 9999-TERMINATE-PROGRAM
2154 000935      END-IF.
2155 000936      *
2156 000937      3000-PROCESS-CHANGE-CUSTOMER.
2157 000938      *
2158 000939      PERFORM 2100-RECEIVE-DATA-MAP.

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2159 000940          PERFORM 2200-EDIT-CUSTOMER-DATA.
2160 000941          IF VALID-DATA
2161 000942      1          MOVE CUSTNO2I TO CM-CUSTOMER-NUMBER
2162 000943      1          PERFORM 3100-READ-CUSTOMER-FOR-UPDATE
2163 000944      * DFHRESP(NORMAL) = 0                      INSERTED BY TRANSLATOR
2164 000945      1          IF RESPONSE-CODE = 0
2165 000946      2          IF CUSTOMER-MASTER-RECORD = CA-CUSTOMER-RECORD
2166 000947      3          PERFORM 3200-REWRITE-CUSTOMER-RECORD
2167 000948      3          MOVE 'Customer record updated.' TO MSG10
2168 000949      3          SET SEND-ERASE TO TRUE
2169 000950      2          ELSE
2170 000951      3          MOVE 'Another user has updated the record. Try a
2171 000952      3      -  'gain.' TO MSG10
2172 000953      3          SET SEND-ERASE-ALARM TO TRUE
2173 000954      2          END-IF
2174 000955      1          ELSE
2175 000956      * DFHRESP(NOTFND) = 13                      INSERTED BY TRANSLATOR
2176 000957      2          IF RESPONSE-CODE = 13
2177 000958      3          MOVE 'Another user has deleted the record.' TO
2178 000959      3          MSG10
2179 000960      3          SET SEND-ERASE-ALARM TO TRUE
2180 000961      2          END-IF
2181 000962      1          END-IF
2182 000963      1          MOVE -1 TO CUSTNO1L
2183 000964      1          PERFORM 1500-SEND-KEY-MAP
2184 000965      1          SET PROCESS-KEY-MAP TO TRUE
2185 000966      ELSE
2186 000967      1          MOVE LOW-VALUE TO LNAMEO
2187 000968      1          FNAMEO
2188 000969      1          ADDRO

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2189 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P200115 CMMNTFEC Date 02/24/2023

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2190 LineID PL SL -----*A-1-B---+---2---+---3---+---4---+---5---+---6---+---7---|--
+----8 Map and Cross Reference

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2191 000970      1          CITYO
2192 000971      1          STATEO
2193 000972      1          ZIPCODEO
2194 000973      1          SET SEND-DATAONLY-ALARM TO TRUE
2195 000974      1          PERFORM 1400-SEND-DATA-MAP
2196 000975          END-IF.
2197 000976      *
2198 000977          3100-READ-CUSTOMER-FOR-UPDATE.
2199 000978      *
2200 000979          PERFORM 8100-OPEN-CUST-FILE.
2201 000980      *EXEC CICS
2202 000981      *  READ FILE('CMFFEC')
2203 000982      *      INTO(CUSTOMER-MASTER-RECORD)
2204 000983      *      RIDFLD(CM-CUSTOMER-NUMBER)
2205 000984      *      UPDATE
2206 000985      *      RESP(RESPONSE-CODE)
2207 000986      *END-EXEC.
2208 000987          Move length of CUSTOMER-MASTER-RECORD to dfhb0020
2209 000988          Call 'DFHEI1' using by content x'0602f0002700008400f0f0f5f3f3
2210 000989      -  '404040' by content 'CMFFEC ' by reference
2211 000990          CUSTOMER-MASTER-RECORD by reference dfhb0020 by reference
2212 000991          CM-CUSTOMER-NUMBER end-call
2213 000992          Move eibresp to RESPONSE-CODE.

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2214 000993
2215 000994 *
2216 000995 * DFHRESP(NORMAL) = 0 INSERTED BY TRANSLATOR
2217 000996 IF RESPONSE-CODE NOT = 0
2218 000997 * DFHRESP(NOTFND) = 13 INSERTED BY TRANSLATOR
2219 000998 AND RESPONSE-CODE NOT = 13
2220 000999 1 PERFORM 9999-TERMINATE-PROGRAM
2221 001000 END-IF.
2222 001001 *
2223 001002 3200-REWRITE-CUSTOMER-RECORD.
2224 001003 PERFORM 8100-OPEN-CUST-FILE.
2225 001004 *
2226 001005 MOVE LNAMEI TO CM-LAST-NAME.
2227 001006 MOVE FNAMEI TO CM-FIRST-NAME.
2228 001007 MOVE ADDR1 TO CM-ADDRESS.
2229 001008 MOVE CITYI TO CM-CITY.
2230 001009 MOVE STATEI TO CM-STATE.
2231 001010 MOVE ZIPCODEI TO CM-ZIP-CODE.
2232 001011 *
2233 001012 *EXEC CICS
2234 001013 * REWRITE FILE('CMFFEC')
2235 001014 * FROM(CUSTOMER-MASTER-RECORD)
2236 001015 * RESP(RESPONSE-CODE)
2237 001016 *END-EXEC.
2238 001017 Move length of CUSTOMER-MASTER-RECORD to dfhb0020
2239 001018 Call 'DFHEI1' using by content x'0606e0002700004000f0f0f5f5f6
2240 001019 - '404040' by content 'CMFFEC ' by reference
2241 001020 CUSTOMER-MASTER-RECORD by reference dfhb0020 end-call
2242 001021 Move eibresp to RESPONSE-CODE.
2243 001022 *
2244 001023 * DFHRESP(NORMAL) = 0 INSERTED BY TRANSLATOR
2245 001024 IF RESPONSE-CODE NOT = 0
2246 001025 1 PERFORM 9999-TERMINATE-PROGRAM
2247 001026 END-IF.
2248 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P200115 CMMNTFEC Date 02/24/2023
Time 11:02:30 Page 21
2249 LineID PL SL -----*A-1-B--+-----2-----3-----4-----5-----6-----7-|--
+-----8 Map and Cross Reference
2250 001027 *
2251 001028 4000-PROCESS-DELETE-CUSTOMER.
2252 001029 *
2253 001030 MOVE CA-CUSTOMER-NUMBER TO CM-CUSTOMER-NUMBER.
2254 001031 PERFORM 3100-READ-CUSTOMER-FOR-UPDATE.
2255 001032 * DFHRESP(NORMAL) = 0 INSERTED BY TRANSLATOR
2256 001033 IF RESPONSE-CODE = 0
2257 001034 1 IF CUSTOMER-MASTER-RECORD = CA-CUSTOMER-RECORD
2258 001035 2 PERFORM 4100-DELETE-CUSTOMER-RECORD
2259 001036 2 MOVE 'Customer deleted.' TO MSG10
2260 001037 2 SET SEND-ERASE TO TRUE
2261 001038 1 ELSE
2262 001039 2 MOVE 'Another user has updated the record. Try again
2263 001040 - '.' TO MSG10
2264 001041 2 SET SEND-ERASE-ALARM TO TRUE
2265 001042 1 END-IF
2266 001043 ELSE
2267 001044 * DFHRESP(NOTFND) = 13 INSERTED BY TRANSLATOR
2268 001045 1 IF RESPONSE-CODE = 13

```

```

2269 001046      2          MOVE 'Another user has deleted the record.' TO
2270 001047      2          MSG10
2271 001048      2          SET SEND-ERASE-ALARM TO TRUE
2272 001049      1          END-IF
2273 001050          END-IF.
2274 001051          MOVE -1 TO CUSTN01L.
2275 001052          PERFORM 1500-SEND-KEY-MAP.
2276 001053          SET PROCESS-KEY-MAP TO TRUE.
2277 001054      *
2278 001055          4100-DELETE-CUSTOMER-RECORD.
2279 001056      *
2280 001057          PERFORM 8100-OPEN-CUST-FILE.
2281 001058      *EXEC CICS
2282 001059      *    DELETE FILE('CMFFEC')
2283 001060      *    RESP(RESPONSE-CODE)
2284 001061      *END-EXEC.
2285 001062          Call 'DFHEI1' using by content x'060880002700000100f0f0f5f9f4
2286 001063      -    '404040' by content 'CMFFEC ' end-call
2287 001064          Move eibresp to RESPONSE-CODE.
2288 001065
2289 001066      *
2290 001067      * DFHRESP(NORMAL) = 0                      INSERTED BY TRANSLATOR
2291 001068          IF RESPONSE-CODE NOT = 0
2292 001069      1          PERFORM 9999-TERMINATE-PROGRAM
2293 001070          END-IF.
2294 001071      *
2295 001072          8100-OPEN-CUST-FILE.
2296 001073      *
2297 001074      *EXEC CICS
2298 001075      *    INQUIRE FILE('CMFFEC')
2299 001076      *    OPENSTATUS(CMF-OPEN-STATUS)
2300 001077      *    ENABLESTATUS(CMF-ENABLE-STATUS)
2301 001078      *END-EXEC.
2302 001079          Call 'DFHEI1' using by content x'4c028006078006000000000000f0
2303 001080      -    'f0f6f0f5404040' by content 'CMFFEC ' by content x'0000' by
2304 001081          content x'0000' by content x'0000' by content x'0000' by
2305 001082          content x'0000' by content x'0000' by content x'0000' by
2306 001083          content x'0000' by content x'0000' by content x'0000' by
2307 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P200115      CMMNTFEC Date 02/24/2023
      Time 11:02:30 Page 22
2308 LineID PL SL -----*A-1-B--+----2-----3-----4-----5-----6-----7-|--
      +----8 Map and Cross Reference
2309 001084          content x'0000' by content x'0000' by reference
2310 001085          CMF-OPEN-STATUS by reference CMF-ENABLE-STATUS end-call.
2311 001086
2312 001087      *
2313 001088      * DFHVALUE(CLOSED) = 19                      INSERTED BY TRANSLATOR
2314 001089          IF CMF-OPEN-STATUS = 19
2315 001090      *EXEC CICS
2316 001091      *    SET FILE('CMFFEC') OPEN
2317 001092      *END-EXEC
2318 001093      1          Call 'DFHEI1' using by content x'4c04800007800000000000080
2319 001094      1      -    '00f0f0f6f1f2404040' by content 'CMFFEC ' end-call
2320 001095
2321 001096      1          MOVE 'Y' TO CMF-OPEN
2322 001097      * DFHVALUE(OPEN) = 18                      INSERTED BY TRANSLATOR
2323 001098      1          ELSE IF CMF-OPEN-STATUS = 18

```

```

2324 001099      2          NEXT SENTENCE
2325 001100      1          ELSE
2326 001101          *EXEC CICS
2327 001102          *    ABEND ABCODE ('OPEN')
2328 001103          *END-EXEC
2329 001104      2          Call 'DFHEI1' using by content x'0e0c80000700006000f0f0f6
2330 001105      2          -    'f1f9404040' by content 'OPEN' end-call
2331 001106
2332 001107      1          END-IF.
2333 001108          *
2334 001109          9100-SEND-TERMINATION-MESSAGE.
2335 001110          *
2336 001111          *EXEC CICS
2337 001112          *    SEND TEXT FROM(END-OF-SESSION-MESSAGE)
2338 001113          *          ERASE
2339 001114          *          FREEKB
2340 001115          *END-EXEC.
2341 001116          Move length of END-OF-SESSION-MESSAGE to dfhb0020
2342 001117          Call 'DFHEI1' using by content x'180660000700c200000822040
2343 001118          -    '00020f0f0f6f2f6404040' by content x'0000' by reference
2344 001119          END-OF-SESSION-MESSAGE by reference dfhb0020 end-call.
2345 001120
2346 001121          9999-TERMINATE-PROGRAM.
2347 001122          *
2348 001123          MOVE EIBRESP TO ERR-RESP.
2349 001124          MOVE EIBRESP2 TO ERR-RESP2.
2350 001125          MOVE EIBTRNID TO ERR-TRNID.
2351 001126          MOVE EIBRSRCE TO ERR-RSRCE.
2352 001127          *
2353 001128          *EXEC CICS
2354 001129          *    XCTL PROGRAM('SYSERR')
2355 001130          *    COMMAREA(ERROR-PARAMETERS)
2356 001131          *END-EXEC.
2357 001132          Move length of ERROR-PARAMETERS to dfhb0020
2358 001133          Call 'DFHEI1' using by content x'0e04e0000700000200f0f0f6f3f8
2359 001134          -    '404040' by content 'SYSERR' by reference ERROR-PARAMETERS
2360 001135          by reference dfhb0020 end-call.

```

2361 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P200115 CMMNTFEC Date 02/24/2023
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2362 LineID Message code Message text

2363

2364 IGYDS0139-W Diagnostic messages were issued during processing of compiler options.
These messages are located at the

2365 beginning of the listing.

2366 Messages	Total	Informational	Warning	Error	Severe	Terminating
---------------	-------	---------------	---------	-------	--------	-------------

2367 Printed:	2		2			
---------------	---	--	---	--	--	--

2368 * Statistics for COBOL program CMMNTFEC:

2369 * Source records = 1135

2370 * Data Division statements = 279

2371 * Procedure Division statements = 276

2372 * Generated COBOL statements = 0

2373 * Program complexity factor = 281

2374 End of compilation 1, program CMMNTFEC, highest severity 4.

2375 Return code 4

2376 DATA SET UTILITY - GENERATE

PAGE 0001

2377

2378 PROCESSING ENDED AT EOD

2379 z/OS V2 R4 BINDER 11:02:32 FRIDAY FEBRUARY 24, 2023

2380 BATCH EMULATOR JOB(CMMNTFEC) STEP(COMPLI) PGM= IEWL PROCEDURE(LKED)

2381 IEW2278I B352 INVOCATION PARAMETERS - LIST,XREF,MAP

2382 IEW2322I 1220 1 INCLUDE SYSLIB(DFHECI)

2383

2384 *** M O D U L E M A P ***

2385

2386 -----

2387 CLASS C_CODE LENGTH = 2BD8 ATTRIBUTES = CAT, LOAD, RMODE=ANY

2388 OFFSET = 0 IN SEGMENT 001 ALIGN = DBLWORD

2389 -----

2390

2391 SECTION CLASS ----- SOURCE -----

2392 OFFSET OFFSET NAME TYPE LENGTH DDNAME SEQ MEMBER

2393

2394 0 0 CMMNTFEC CSECT 2BD8 SYSLIN 02 **NULL**

2395 0 0 CMMNTFEC#C LABEL

2396 0 0 CMMNTFEC LABEL

2397

2398 -----

2399 CLASS B_TEXT LENGTH = BF8 ATTRIBUTES = CAT, LOAD, RMODE=ANY

2400 OFFSET = 2BD8 IN SEGMENT 001 ALIGN = DBLWORD

2401 -----

2402

2403 SECTION CLASS ----- SOURCE -----

2404 OFFSET OFFSET NAME TYPE LENGTH DDNAME SEQ MEMBER

2405

2406 0 0 DFHECI CSECT 20 SYSLIB 02 DFHECI

2407 8 8 DFHEI1 LABEL

2408 8 8 DLZEI01 LABEL

2409 8 8 DLZEI02 LABEL

2410 8 8 DLZEI03 LABEL

2411 8 8 DLZEI04 LABEL

2412

2413 20 IGZXS61 * CSECT 10 SYSLIB 03 IGZXS61

2414

2415 30 CEESG004 * CSECT 34 SYSLIB 03 CEESG004

2416

2417 68 IGZXRT1 * CSECT 12 SYSLIB 03 IGZXRT1

2418

2419 80 IGZXVMO * CSECT 12 SYSLIB 03 IGZXVMO

2420

2421 98 IGZXCMSG * CSECT 12 SYSLIB 03 IGZXCMSG

2422

2423 B0 IGZXPRS * CSECT 12 SYSLIB 03 IGZXPRS

2424

2425 C8 IGZXBST4 * CSECT 4E0 SYSLIB 03 IGZXBST4

2426

2427 5A8 CEEBETBL * CSECT 28 SYSLIB 03 CEEBETBL

2428

2429 5D0 CEESTART * CSECT B0 SYSLIB 03 CEESTART

2430

2431 680 CEEBPUBT * CSECT 70 SYSLIB 03 CEEBPUBT

2432

2433 6F0 CEEBTRM * CSECT 74 SYSLIB 03 CEEBTRM

2434

CMMNTFEC:JOB09070.spool

2435		768	CEECPYRT	*	CSECT	CF	SYSLIB	03	CEEBTRM
2436									
2437		838	CEEBLLST	*	CSECT	5C	SYSLIB	03	CEEBLLST
2438	10	848	CEELLIST		LABEL				
2439									
2440		898	CEEBINT	*	CSECT	8	SYSLIB	03	CEEBINT
2441									
2442		8A0	CEEARLU	*	CSECT	B8	SYSLIB	03	CEEARLU

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

2446	SECTION	CLASS				-----	SOURCE	-----
2447	OFFSET	OFFSET	NAME	TYPE	LENGTH	DDNAME	SEQ	MEMBER
2448								
2449		958	CEEBPIRA	*	CSECT	2A0	SYSLIB	03 CEEINT
2450	0	958	CEEINT		LABEL			
2451	0	958	CEEBPIRB		LABEL			
2452	0	958	CEEBPIRC		LABEL			

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

2453								
2454								
2455	-----							
2456	CLASS	C_@@PPA2	LENGTH =	8	ATTRIBUTES =	MRG,	LOAD,	RMODE=ANY
2457			OFFSET =	37D0	IN SEGMENT	001	ALIGN =	DBLWORD

2458	-----							
2459								
2460		CLASS						
2461		OFFSET	NAME	TYPE	LENGTH	SECTION		
2462		0	\$PRIV000010	PART	8	CMMNTFEC		

2463								
2464	-----							
2465	CLASS	C_@@CSINIT	LENGTH =	4	ATTRIBUTES =	MRG,	LOAD,	RMODE=ANY
2466			OFFSET =	37D8	IN SEGMENT	001	ALIGN =	DBLWORD

2467	-----							
2468								
2469		CLASS						
2470		OFFSET	NAME	TYPE	LENGTH	SECTION		
2471		0	\$PRIV000011	PART	4	CMMNTFEC		

2472								
2473	-----							
2474	CLASS	B_LIT	LENGTH =	100	ATTRIBUTES =	CAT,	LOAD,	RMODE=ANY
2475			OFFSET =	37E0	IN SEGMENT	001	ALIGN =	DBLWORD

2476	-----							
2477								
2478	SECTION	CLASS				-----	SOURCE	-----
2479	OFFSET	OFFSET	NAME	TYPE	LENGTH	DDNAME	SEQ	MEMBER
2480								
2481		0	IEWBLIT	CSECT	100			**NULL**
2482	0	0	IEWBLIT		LABEL			

2483								
2484	-----							
2485	CLASS	C_WSA	LENGTH =	E8	ATTRIBUTES =	MRG,	DEFER ,	RMODE=ANY
2486			OFFSET =	0	IN SEGMENT	002	ALIGN =	DBLWORD

2487	-----							
2488								
2489		CLASS						
2490		OFFSET	NAME	TYPE	LENGTH	SECTION		
2491		0	\$PRIV000012	PART	10			

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2492          10 CMMNTFEC#S          PART          D8 CMMNTFEC
2493
2494 -----
2495 CLASS  C_CEESG003          LENGTH =          0  ATTRIBUTES = CAT, NOLOAD
2496
2497 -----
2498
2499 SECTION      CLASS
2500  OFFSET      OFFSET  NAME          TYPE      LENGTH  DDNAME      SEQ  MEMBER
2501
2502          0 CMMNTFEC          CSECT          0  SYSLIN      02  **NULL**
2503          *** DATA SET SUMMARY ***
2504
2505 DDNAME      CONCAT  FILE IDENTIFICATION
2506
2507 SYSLIB      02      DFH550.CICS.SDFHLOAD
2508 SYSLIB      03      CEE.SCEELKED
2509 SYSLIN      02      SYS23055.T110225.RA000.CMMNTFEC.LOADSET.H01
2510          *** SYMBOL REFERENCES NOT ASSOCIATED WITH ANY ADCON ***
2511
2512 TYPE      SCOPE      NAME
2513
2514
2515          *** E N D   O F   M O D U L E   M A P ***
2516
2517
2518          C R O S S - R E F E R E N C E   T A B L E
2519          -----
2520
2521 TEXT CLASS = C_CODE
2522
2523 ----- R E F E R E N C E ----- T A R G E T -----
2524
2524  CLASS          ELEMENT          |
2525  ELEMENT          |
2525  OFFSET SECT/PART(ABBREV)          OFFSET  TYPE | SYMBOL(ABBREV)  SECTION (ABBREV)
2525  OFFSET CLASS NAME          |
2526          |
2527          24 CMMNTFEC          24 A-CON | CMMNTFEC#C          CMMNTFEC
2527  0 C_CODE          |
2528          2C CMMNTFEC          2C A-CON | CMMNTFEC#C          CMMNTFEC
2528  0 C_CODE          |
2529          30 CMMNTFEC          30 A-CON | CMMNTFEC#C          CMMNTFEC
2529  0 C_CODE          |
2530          34 CMMNTFEC          34 A-CON | CMMNTFEC#C          CMMNTFEC
2530  0 C_CODE          |
2531          38 CMMNTFEC          38 V-CON | IGZXBST4          IGZXBST4
2531  0 B_TEXT          |
2532          3C CMMNTFEC          3C A-CON | CMMNTFEC#C          CMMNTFEC
2532  0 C_CODE          |
2533          44 CMMNTFEC          44 A-CON | CMMNTFEC#C          CMMNTFEC
2533  0 C_CODE          |
2534          2094 CMMNTFEC          2094 Q-CON | CMMNTFEC#S          $NON-RELOCATABLE
2534  10 C_WSA          |
2535          2098 CMMNTFEC          2098 V-CON | DFHEI1          DFHECI
2535  8 B_TEXT          |

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CMMNTFEC:JOB09070.spool

2536	209C CMMNTFEC	209C V-CON	IGZXPRS	IGZXPRS
	0 B_TEXT			
2537	20A0 CMMNTFEC	20A0 V-CON	IGZXCMSG	IGZXCMSG
	0 B_TEXT			
2538	20A4 CMMNTFEC	20A4 A-CON	CMMNTFEC#C	CMMNTFEC
	0 C_CODE			
2539	20A8 CMMNTFEC	20A8 A-CON	CMMNTFEC#C	CMMNTFEC
	0 C_CODE			
2540	20AC CMMNTFEC	20AC V-CON	IGZXVMO	IGZXVMO
	0 B_TEXT			
2541	20B0 CMMNTFEC	20B0 V-CON	IGZXRT1	IGZXRT1
	0 B_TEXT			
2542	21D4 CMMNTFEC	21D4 A-CON	CMMNTFEC#C	CMMNTFEC
	0 C_CODE			
2543	21E0 CMMNTFEC	21E0 A-CON	CMMNTFEC#C	CMMNTFEC
	0 C_CODE			
2544	23D8 CMMNTFEC	23D8 A-CON	CMMNTFEC#C	CMMNTFEC
	0 C_CODE			
2545	28FC CMMNTFEC	28FC A-CON	CMMNTFEC#C	CMMNTFEC
	0 C_CODE			
2546	2B24 CMMNTFEC	2B24 A-CON	CEESTART	CEESTART
	0 B_TEXT			
2547	2B24 CMMNTFEC	2B24 A-CON	CMMNTFEC#C	CMMNTFEC
	0 C_CODE			
2548	2B3C CMMNTFEC	2B3C A-CON	CMMNTFEC#C	CMMNTFEC
	0 C_CODE			
2549	2B40 CMMNTFEC	2B40 V-CON	CEESTART	CEESTART
	0 B_TEXT			
2550	2B44 CMMNTFEC	2B44 V-CON	CEEBETBL	CEEBETBL
	0 B_TEXT			
2551	2B94 CMMNTFEC	2B94 Q-CON	CMMNTFEC#S	\$NON-RELOCATABLE
	10 C_WSA			

2552

2553

2554 TEXT CLASS = B_TEXT

2555

2556 ----- R E F E R E N C E ----- T A R G E T

2557	CLASS	ELEMENT			
2558	OFFSET SECT/PART(ABBREV)	OFFSET TYPE	SYMBOL(ABBREV)	SECTION (ABBREV)	
2559	OFFSET CLASS NAME				
2560	44 CEESG004	14 A-CON	IGZEOPT	\$UNRESOLVED(W)	
2561	48 CEESG004	18 A-CON	IGZETUN	\$UNRESOLVED(W)	
2562	4C CEESG004	1C A-CON	IGZXRES1	\$UNRESOLVED(W)	
2563	50 CEESG004	20 A-CON	IEWBLIT	IEWBLIT	
	0 B_LIT				
2564	518 IGZXBST4	450 V-CON	CEEINT	CEEBPIRA	
	0 B_TEXT				
2565	51C IGZXBST4	454 V-CON	CEEARLU	CEEARLU	
	0 B_TEXT				
2566	520 IGZXBST4	458 A-CON	CEESG004	CEESG004	

0 B_TEXT				
2567 5AC CEEBETBL		4 V-CON	CEEBXITA	\$UNRESOLVED(W)
2568 5B0 CEEBETBL		8 V-CON	CEEBINT	CEEBINT
0 B_TEXT				
2569 5B4 CEEBETBL		C V-CON	CEEBLLST	CEEBLLST
0 B_TEXT				
2570 5B8 CEEBETBL		10 V-CON	CEEUOPT	\$UNRESOLVED(W)
2571 5BC CEEBETBL		14 V-CON	CEEBTRM	CEEBTRM
0 B_TEXT				
2572 5C4 CEEBETBL		1C V-CON	CEEBPUBT	CEEBPUBT
0 B_TEXT				
2573 5C8 CEEBETBL		20 V-CON	IEWBLIT	IEWBLIT
0 B_LIT				

2574

2575

2576

2577

2578

2579 TEXT CLASS = B_TEXT

2580

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

2581 ----- R E F E R E N C E ----- T A R G E T

2582 CLASS		ELEMENT			
ELEMENT					
2583 OFFSET SECT/PART(ABBREV)		OFFSET	TYPE		SYMBOL(ABBREV) SECTION (ABBREV)
OFFSET CLASS NAME					
2584					
2585 62C CEESTART		5C A-CON	CEEMAIN		\$UNRESOLVED(W)
2586 63C CEESTART		6C C-LEN			\$NON-RELOCATABLE
B_PRV					
2587 668 CEESTART		98 A-CON	CEEFMAIN		\$UNRESOLVED(W)
2588 674 CEESTART		A4 A-CON	CEEBETBL		CEEBETBL
0 B_TEXT					
2589 678 CEESTART		A8 A-CON	CEERootA		\$UNRESOLVED(W)
2590 67C CEESTART		AC A-CON	CEERootD		\$UNRESOLVED(W)
2591 75C CEEBTRM		6C A-CON	CEEBPUBT		CEEBPUBT
0 B_TEXT					
2592 848 CEEBLLST		10 A-CON	CEESG000		\$UNRESOLVED(W)
2593 84C CEEBLLST		14 A-CON	CEESG001		\$UNRESOLVED(W)
2594 850 CEEBLLST		18 A-CON	CEESG002		\$UNRESOLVED(W)
2595 854 CEEBLLST		1C A-CON	CEESG003		\$UNRESOLVED(W)
2596 858 CEEBLLST		20 A-CON	CEESG004		CEESG004
0 B_TEXT					
2597 85C CEEBLLST		24 A-CON	CEESG005		\$UNRESOLVED(W)
2598 860 CEEBLLST		28 A-CON	CEESG006		\$UNRESOLVED(W)


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2599      864 CEEBLLST                2C A-CON | CEESG007          $UNRESOLVED(W)
2600      868 CEEBLLST                30 A-CON | CEESG008          $UNRESOLVED(W)
2601      86C CEEBLLST                34 A-CON | CEESG009          $UNRESOLVED(W)
2602      870 CEEBLLST                38 A-CON | CEESG010          $UNRESOLVED(W)
2603      874 CEEBLLST                3C A-CON | CEESG011          $UNRESOLVED(W)
2604      878 CEEBLLST                40 A-CON | CEESG012          $UNRESOLVED(W)
2605      87C CEEBLLST                44 A-CON | CEESG013          $UNRESOLVED(W)
2606      880 CEEBLLST                48 A-CON | CEESG014          $UNRESOLVED(W)
2607      884 CEEBLLST                4C A-CON | CEESG015          $UNRESOLVED(W)
2608      888 CEEBLLST                50 A-CON | CEESG016          $UNRESOLVED(W)
2609      B88 CEEBPIRA                230 A-CON | CEEBPUBT          CEEBPUBT
      0 B_TEXT
2610
2611
2612 TEXT CLASS = C_@@PPA2
2613
2614 ----- R E F E R E N C E ----- T A R G E T
      -----
2615 CLASS                                ELEMENT |
      ELEMENT |
2616 OFFSET SECT/PART(ABBREV)            OFFSET TYPE | SYMBOL(ABBREV) SECTION (ABBREV)
      OFFSET CLASS NAME |
2617 |
2618      4 $PRIV000010                4 A-CON | CMMNTFEC#C          CMMNTFEC
      0 C_CODE
2619
2620
2621 TEXT CLASS = C_@@CSINIT
2622
2623 ----- R E F E R E N C E ----- T A R G E T
      -----
2624 CLASS                                ELEMENT |
      ELEMENT |
2625 OFFSET SECT/PART(ABBREV)            OFFSET TYPE | SYMBOL(ABBREV) SECTION (ABBREV)
      OFFSET CLASS NAME |
2626 |
2627      0 $PRIV000011                0 A-CON | CMMNTFEC#C          CMMNTFEC
      0 C_CODE
2628
2629
2630 TEXT CLASS = B_LIT
2631
2632 ----- R E F E R E N C E ----- T A R G E T
      -----

```

2633	CLASS	ELEMENT	
2634	OFFSET SECT/PART(ABBREV)	OFFSET TYPE	SYMBOL(ABBREV) SECTION (ABBREV)
2635	OFFSET CLASS NAME		
2636	28 IEWBLIT	28 L TOKE	

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

2642 TEXT CLASS = B_LIT

2643

2644 ----- R E F E R E N C E ----- T A R G E T

2645	CLASS	ELEMENT	
2646	OFFSET SECT/PART(ABBREV)	OFFSET TYPE	SYMBOL(ABBREV) SECTION (ABBREV)
2647	OFFSET CLASS NAME		
2648	50 IEWBLIT	50 C-LEN	\$NON-RELOCATABLE
2649	B_TEXT	54 A-CON	
2650	70 IEWBLIT	70 C-LEN	\$NON-RELOCATABLE
2651	C_CODE	74 A-CON	
2652	90 IEWBLIT	90 C-LEN	\$NON-RELOCATABLE
2653	C_WSA	B0 C-LEN	\$NON-RELOCATABLE
2654	C_@@PPA2	B4 A-CON	
2655	D0 IEWBLIT	D0 C-LEN	\$NON-RELOCATABLE
2656	C_@@CSINIT	D4 A-CON	
2657	F0 IEWBLIT	F0 C-LEN	\$NON-RELOCATABLE
2658	B_LIT	F4 A-CON	

2659

2660

2661 TEXT CLASS = C_WSA

2662

2663 ----- R E F E R E N C E ----- T A R G E T

2664	CLASS	ELEMENT	
2665	OFFSET SECT/PART(ABBREV)	OFFSET TYPE	SYMBOL(ABBREV) SECTION (ABBREV)
2666	OFFSET CLASS NAME		
2666			

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2667	24	CMMNTFEC#S	24	A-CON		CMMNTFEC#C	CMMNTFEC
	0	C_CODE					
2668	28	CMMNTFEC#S	28	A-CON		CMMNTFEC#C	CMMNTFEC
	0	C_CODE					
2669	2C	CMMNTFEC#S	2C	A-CON		CMMNTFEC#C	CMMNTFEC
	0	C_CODE					
2670	30	CMMNTFEC#S	30	A-CON		CMMNTFEC#C	CMMNTFEC
	0	C_CODE					
2671	34	CMMNTFEC#S	34	A-CON		CMMNTFEC#C	CMMNTFEC
	0	C_CODE					
2672	38	CMMNTFEC#S	38	A-CON		CMMNTFEC#C	CMMNTFEC
	0	C_CODE					
2673	3C	CMMNTFEC#S	3C	A-CON		CMMNTFEC#C	CMMNTFEC
	0	C_CODE					
2674	40	CMMNTFEC#S	40	A-CON		CMMNTFEC#C	CMMNTFEC
	0	C_CODE					
2675	44	CMMNTFEC#S	44	A-CON		CMMNTFEC#C	CMMNTFEC
	0	C_CODE					
2676	48	CMMNTFEC#S	48	A-CON		CMMNTFEC#C	CMMNTFEC
	0	C_CODE					
2677	4C	CMMNTFEC#S	4C	A-CON		CMMNTFEC#C	CMMNTFEC
	0	C_CODE					
2678	50	CMMNTFEC#S	50	A-CON		CMMNTFEC#C	CMMNTFEC
	0	C_CODE					
2679	54	CMMNTFEC#S	54	A-CON		CMMNTFEC#C	CMMNTFEC
	0	C_CODE					
2680	58	CMMNTFEC#S	58	A-CON		CMMNTFEC#C	CMMNTFEC
	0	C_CODE					
2681	5C	CMMNTFEC#S	5C	A-CON		CMMNTFEC#C	CMMNTFEC
	0	C_CODE					
2682	60	CMMNTFEC#S	60	A-CON		CMMNTFEC#C	CMMNTFEC
	0	C_CODE					
2683	64	CMMNTFEC#S	64	A-CON		CMMNTFEC#C	CMMNTFEC
	0	C_CODE					
2684	70	CMMNTFEC#S	70	A-CON		CMMNTFEC#S	\$PRIV000003
	10	C_WSA					
2685	74	CMMNTFEC#S	74	A-CON		CMMNTFEC#C	CMMNTFEC
	0	C_CODE					
2686	BC	CMMNTFEC#S	BC	V-CON		CMMNTFEC	CMMNTFEC
	0	C_CODE					
2687	D0	CMMNTFEC#S	D0	A-CON		CMMNTFEC#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 ***

2694 PROCESSING OPTIONS:

2695		
2696	ALIASES	NO
2697	ALIGN2	NO
2698	AMODE	UNSPECIFIED
2699	CALL	YES
2700	CASE	UPPER
2701	COMPAT	UNSPECIFIED
2702	COMPRESS	AUTO

2703	DCBS	NO
2704	DYNAM	NO
2705	EXTATTR	UNSPECIFIED
2706	EXITS:	NONE
2707	FILL	NONE
2708	GID	UNSPECIFIED
2709	HOBSET	NO
2710	INFO	NO
2711	LET	04
2712	LINECT	060
2713	LIST	SUMMARY
2714	LISTPRIV	NO
2715	LONGPARM	NO
2716	MAP	YES
2717	MAXBLK	032760
2718	MODMAP	NO
2719	MSGLEVEL	00
2720	OVLY	NO
2721	PRINT	YES
2722	RES	NO
2723	REUSABILITY	UNSPECIFIED
2724	RMODE	UNSPECIFIED
2725	RMODEX	NO
2726	SIGN	NO
2727	STORENX	NOREPLACE
2728	STRIPCL	NO
2729	STRIPSEC	NO
2730	SYMTRACE	
2731	TERM	NO
2732	TRAP	ON
2733	UID	UNSPECIFIED
2734	UPCASE	NO
2735	WKSPACE	000000K,000000K
2736	XCAL	NO
2737	XREF	YES
2738	***END OF OPTIONS***	
2739		
2740		
2741		
2742		
2743	SAVE OPERATION SUMMARY:	
2744		
2745	MEMBER NAME	CMMNTFEC
2746	LOAD LIBRARY	TSOECCC.CICSTS12.STUDENT.LOADLIB
2747	PROGRAM TYPE	PROGRAM OBJECT(FORMAT 3)
2748	VOLUME SERIAL	KCTR12
2749	DISPOSITION	REPLACED
2750	TIME OF SAVE	11.02.33 FEB 24, 2023
2751		
2752		
2753	SAVE MODULE ATTRIBUTES:	
2754		
2755	AC	000
2756	AMODE	31
2757	COMPRESSION	NONE
2758	DC	NO
2759	EDITABLE	YES

2760	EXCEEDS 16MB	NO
2761	EXECUTABLE	YES
2762	LONGPARM	NO
2763	MIGRATABLE	NO
2764	OL	NO
2765	OVLV	NO
2766	PACK,PRIME	NO,NO
2767	PAGE ALIGN	NO
2768	REFR	NO
2769	RENT	NO
2770	REUS	NO
2771	RMODE	ANY
2772	SCTR	NO
2773	SIGN	NO
2774	SSI	
2775	SYM GENERATED	NO
2776	TEST	NO
2777	XPLINK	NO
2778	MODULE SIZE (HEX)	000039C8
2779	DASD SIZE (HEX)	0000C000

2780

2781

2782 ENTRY POINT AND ALIAS SUMMARY:

2783

2784	NAME:	ENTRY TYPE	AMODE	C_OFFSET	CLASS NAME	STATUS
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2785

2786	CMMNTFEC	MAIN_EP	31	00000000	C_CODE	
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2787

2788 *** 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

2789

2790

2791

2792

2793 z/OS V2 R4 BINDER 11:02:32 FRIDAY FEBRUARY 24, 2023

2794 BATCH EMULATOR JOB(CMMNTFEC) STEP(COMPLI) PGM= IEWL PROCEDURE(LKED)

2795 IEW2008I 0F03 PROCESSING COMPLETED. RETURN CODE = 0.

2796

2797

2798

2799 -----

2800 MESSAGE SUMMARY REPORT

2801 -----

2802 TERMINAL MESSAGES (SEVERITY = 16)

2803 NONE

2804

2805 SEVERE MESSAGES (SEVERITY = 12)

2806 NONE

2807

2808 ERROR MESSAGES (SEVERITY = 08)

2809 NONE

2810

2811 WARNING MESSAGES (SEVERITY = 04)

2812 NONE

2813

2814 INFORMATIONAL MESSAGES (SEVERITY = 00)

2815 2008 2278 2322

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2816

2817

2818 **** END OF MESSAGE SUMMARY REPORT ****

2819

2820