

```

1          J E S 2  J O B  L O G  --  S Y S T E M  2 9 6 4  --  N O D
E  S  V  S  C  J  E  S  2
2
3 23.17.48 JOB01655 ---- THURSDAY, 01 APR 2021 ----
4 23.17.48 JOB01655 IRR010I USERID KC03AAB IS ASSIGNED TO THIS JOB.
5 23.17.50 JOB01655 ICH70001I KC03AAB LAST ACCESS AT 23:01:25 ON THURSDAY,
  APRIL 1, 2021
6 23.17.50 JOB01655 $HASP373 CMINQAAB STARTED - INIT 1 - CLASS A -
  SYS 2964
7 23.17.55 JOB01655 $HASP395 CMINQAAB ENDED - RC=0004
8 ----- JES2 JOB STATISTICS -----
9 01 APR 2021 JOB EXECUTION DATE
10          14 CARDS READ
11          2,353 SYSOUT PRINT RECORDS
12          0 SYSOUT PUNCH RECORDS
13          140 SYSOUT SPOOL KBYTES
14          0.11 MINUTES EXECUTION TIME
15          1 //CMINQAAB JOB 3U391710000034,MSGCLASS=Q,MSGLEVEL=(1,1)
JOB01655
16          /*
17          2 //CICSPROC JCLLIB ORDER=(KC03AAB.A5.PROCLIB)
18          /*
19
  //*****
20          /*          TRANSLATE COMPILE
21          /*          AND LINK A CICS COBOL PROGRAM
22
  //*****
23          3 //COMPLI EXEC CMIFHAAB,
24          /* NAME OF PDS CONTAINING SOURCE
25          /*          STUDLIB='KC03AAB.A5.COBOL',
26          /*          LOADLIB='TSOECCC.CICSTS12.STUDENT.LOADLIB',
27          /* NAME OF PROGRAM AND ALSO NAME OF MEMBER WITHIN STUDLIB
28          /*          MEMBER='CMINQAAB'
29
  XX*****
30          XX*          This procedure, CICS COBL, contains 4 steps
31          XX*          1. Exec the Cics translator
32          XX*          2. Exec the AD/Cycle VS COBOL II compiler
33          XX*          3. Reblock SDFHCOB(&STUB) for use by the linkedit step
34          XX*          4. Linkedit the output
35
  XX*****
36          4 XXCMIFHAAB PROC SUFFIX=1$,          Suffix for translator module
37          XX          INDEX='DFH540.CICS',          QUALIFIER(S) FOR CICS
LIBRARIES
38          XX          NEWINDEX='DFH540.CICS',          QUALIFIER(S) FOR CICS LIBRARIES

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39          XX      STUDLIB='KC03AAB.A5.COBOL', NAME OF STUDENT SOURCE
40          XX      MEMBER='CMINQAAB',
41          XX      LOADLIB='TSOECCC.CICSTS12.STUDENT.LOADLIB', CICS LOADLIB
42          XX      LE370HLQ='CEE', Qualifier(s) for LE/370
    libraries
43          XX      OUTC='*', Class for print output
44          XX      REG='0M', REGION SIZE FOR ALL STEPS
45          XX      LNKPARM='LIST,XREF,MAP', Link edit parameters
46          XX      STUB='DFHEILIC', Linkedit INCLUDE for DFHELII
47          XX      WORK='SYSDA' Unit for work datasets
48
    XX*****
49          XX*      TRANSLATE THE COBOL/CICS PROGRAM
50
    XX*****
51          5 XXTRN      EXEC PGM=DFHECP&SUFFIX,
52          XX          PARM=('APOST,DEBUG,COBOL3,FLAGW,NOSEQ',
53          XX          'NONUM,LIST,NOXREF,SPACE1,CICS,SP'),
54          XX          REGION=&REG
55          IEFC653I SUBSTITUTION JCL - PGM=DFHECP1$,PARM=
    ('APOST,DEBUG,COBOL3,FLAGW,NOSEQ','NONUM,LIST,NOXREF,SPACE1,
56          CICS,SP'),REGION=0M
57          6 XXSTEPLIB DD DSN=&NEWINDEX..SDFHLOAD,DISP=SHR
58          IEFC653I SUBSTITUTION JCL - DSN=DFH540.CICS.SDFHLOAD,DISP=SHR
59          7 XXSYSPRINT DD SYSOUT=&OUTC
60          IEFC653I SUBSTITUTION JCL - SYSOUT=*
61          8 XXSYSIN DD DSN=&STUDLIB(&MEMBER),DISP=SHR
62          IEFC653I SUBSTITUTION JCL - DSN=KC03AAB.A5.COBOL(CMINQAAB),DISP=SHR
63          9 XXSYSPUNCH DD DSN=&&SYSCIN,
64          XX          DISP=(,PASS),UNIT=&WORK,
65          XX          DCB=BLKSIZE=400,
66          XX          SPACE=(400,(400,100))
67
    XX*****
68          XX*      COMPILE THE COBOL/CICS PROGRAM
69
    XX*****
70          XX*
71          XX*
72          XX* 07/23/15 REMOVED THE LIB PARM
73          IEFC653I SUBSTITUTION JCL - DSN=&&SYSCIN,DISP=
    (,PASS),UNIT=SYSDA,DCB=BLKSIZE=400,SPACE=(400,(400,100))
74          10 XXCOB      EXEC PGM=IGYCRCTL,REGION=&REG,
75          XX*          PARM='NODYNAM,OBJECT,RENT,APOST,MAP,XREF,VBREF,OFFSET'
76          XX*          PARM='RENT,APOST,OBJECT,NODYNAM,SIZE(1048376)'
77          XX          PARM='NOXREF,NODBCS,APOST,OBJECT,NODYNAM'
78          XX*STEPLIB DD DSN=IGY.SIGYCOMP,DISP=SHR

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79          IEFC653I SUBSTITUTION JCL -
          PGM=IGYCRCTL,REGION=0M,PARM='NOXREF,NODBCS,APOST,OBJECT,NODYNAM'
80      11 XXSYSLIB      DD DSN=&STUDLIB,DISP=SHR
81      XX*              DD DSN=&STUDLIB..SOURCE,DISP=SHR
82      XX*              DD DSN=&STUDLIB..SHARED.COPYBLKS,DISP=SHR
83      IEFC653I SUBSTITUTION JCL - DSN=KC03AAB.A5.COBOL,DISP=SHR
84      12 XX              DD DSN=&INDEX..SDFHCOB,DISP=SHR
85      IEFC653I SUBSTITUTION JCL - DSN=DFH540.CICS.SDFHCOB,DISP=SHR
86      13 XX              DD DSN=&INDEX..SDFHMAC,DISP=SHR
87      IEFC653I SUBSTITUTION JCL - DSN=DFH540.CICS.SDFHMAC,DISP=SHR
88      14 XX              DD DSN=&INDEX..SDFHSAMP,DISP=SHR
89      IEFC653I SUBSTITUTION JCL - DSN=DFH540.CICS.SDFHSAMP,DISP=SHR
90      15 XXSYSPRINT DD SYSOUT=&OUTC
91      IEFC653I SUBSTITUTION JCL - SYSOUT=*
92      16 XXSYSIN      DD DSN=&&SYSCIN,DISP=(OLD,DELETE)
93      XX* 07/23/15 NEW SYSLIN & ADDED SYSMDECK & ADDITIONAL SYSUT DDS
94      17 XXSYSLIN      DD DSN=&&LOADSET,DISP=(MOD,PASS),
95      XX                  UNIT=&WORK,SPACE=(CYL,(1,1))
96      IEFC653I SUBSTITUTION JCL - DSN=&&LOADSET,DISP=
(MOD,PASS),UNIT=SYSDA,SPACE=(CYL,(1,1))
97      18 XXSYSMDECK DD SPACE=(1024,(5,5)),AVGREC=K
98      XX                  DCB=(LRECL=80,RECFM=F)
99      19 XXSYSUT1      DD UNIT=&WORK,SPACE=(1024,(5,5)),AVGREC=K
100     IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1024,(5,5)),AVGREC=K
101     20 XXSYSUT2      DD UNIT=&WORK,SPACE=(1024,(5,5)),AVGREC=K
102     IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1024,(5,5)),AVGREC=K
103     21 XXSYSUT3      DD UNIT=&WORK,SPACE=(1024,(5,5)),AVGREC=K
104     IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1024,(5,5)),AVGREC=K
105     22 XXSYSUT4      DD UNIT=&WORK,SPACE=(1024,(5,5)),AVGREC=K
106     IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1024,(5,5)),AVGREC=K
107     23 XXSYSUT5      DD UNIT=&WORK,SPACE=(1024,(5,5)),AVGREC=K
108     IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1024,(5,5)),AVGREC=K
109     24 XXSYSUT6      DD UNIT=&WORK,SPACE=(1024,(5,5)),AVGREC=K
110     IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1024,(5,5)),AVGREC=K
111     25 XXSYSUT7      DD UNIT=&WORK,SPACE=(1024,(5,5)),AVGREC=K
112     IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1024,(5,5)),AVGREC=K
113     26 XXSYSUT8      DD UNIT=&WORK,SPACE=(1024,(5,5)),AVGREC=K
114     IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1024,(5,5)),AVGREC=K
115     27 XXSYSUT9      DD UNIT=&WORK,SPACE=(1024,(5,5)),AVGREC=K
116     IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1024,(5,5)),AVGREC=K
117     28 XXSYSUT10     DD UNIT=&WORK,SPACE=(1024,(5,5)),AVGREC=K
118     IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1024,(5,5)),AVGREC=K
119     29 XXSYSUT11     DD UNIT=&WORK,SPACE=(1024,(5,5)),AVGREC=K
120     IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1024,(5,5)),AVGREC=K
121     30 XXSYSUT12     DD UNIT=&WORK,SPACE=(1024,(5,5)),AVGREC=K
122     IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1024,(5,5)),AVGREC=K
123     31 XXSYSUT13     DD UNIT=&WORK,SPACE=(1024,(5,5)),AVGREC=K

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124         IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1024,(5,5)),AVGREC=K
125     32 XXSYSUT14 DD UNIT=&WORK,SPACE=(1024,(5,5)),AVGREC=K
126         IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1024,(5,5)),AVGREC=K
127     33 XXSYSUT15 DD UNIT=&WORK,SPACE=(1024,(5,5)),AVGREC=K
128         XX*
129
130     XX*      COPY THE COBOL/CICS PROGRAM BEFORE LINK EDIT
131
132     XX*****
133         IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1024,(5,5)),AVGREC=K
134     34 XXCOPYLINK EXEC PGM=IEBGENER,COND=(7,LT,COB)
135     35 XXSYSUT1 DD DSN=&INDEX..SDFHCOB(&STUB),DISP=SHR
136         IEFC653I SUBSTITUTION JCL -
137         DSN=DFH540.CICS.SDFHCOB(DFHEILIC),DISP=SHR
138     36 XXSYSUT2 DD DSN=&&COPYLINK,DISP=(NEW,PASS),
139         XX          DCB=(LRECL=80,BLKSIZE=400,RECFM=FB),
140         XX          UNIT=&WORK,SPACE=(400,(20,20))
141         IEFC653I SUBSTITUTION JCL - DSN=&&COPYLINK,DISP=(NEW,PASS),DCB=
142         (LRECL=80,BLKSIZE=400,RECFM=FB),UNIT=SYSDA,
143         SPACE=(400,(20,20))
144     37 XXSYSPRINT DD SYSOUT=&OUTC
145         IEFC653I SUBSTITUTION JCL - SYSOUT=*
146     38 XXSYSIN DD DUMMY
147         XX*
148     XX*****
149         XX*      LINK EDIT THE COBOL/CICS PROGRAM
150
151     XX*****
152     39 XXLKED EXEC PGM=IEWL,REGION=&REG,
153         XX          PARM='&LNKPARM',COND=(5,LT,COB)
154         IEFC653I SUBSTITUTION JCL -
155         PGM=IEWL,REGION=0M,PARM='LIST,XREF,MAP',COND=(5,LT,COB)
156     40 XXSYSLIB DD DSN=&LOADLIB,DISP=SHR
157         XX*      DD DSN=&STUDLIB..SUBPLIB,DISP=SHR
158         XX*      DD DSN=&STUDLIB..SHARED.LOADLIB,DISP=SHR
159         IEFC653I SUBSTITUTION JCL -
160         DSN=TSOECCC.CICSTS12.STUDENT.LOADLIB,DISP=SHR
161     41 XX          DD DSN=&NEWINDEX..SDFHLOAD,DISP=SHR
162         IEFC653I SUBSTITUTION JCL - DSN=DFH540.CICS.SDFHLOAD,DISP=SHR
163     42 XX          DD DSN=&LE370HLQ..SCEELKED,DISP=SHR
164         IEFC653I SUBSTITUTION JCL - DSN=CEE.SCEELKED,DISP=SHR
165     43 XXSYSIMOD DD DSN=&LOADLIB.(&MEMBER),DISP=SHR
166         IEFC653I SUBSTITUTION JCL -
167         DSN=TSOECCC.CICSTS12.STUDENT.LOADLIB(CMINQAAB),DISP=SHR
168     44 XXSYSUT1 DD UNIT=&WORK,DCB=BLKSIZE=1024,

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CMINQAAB:JOB01655.spool

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162          XX          SPACE=(1024,(200,20))
163          IEFC653I SUBSTITUTION JCL - UNIT=SYSDA,DCB=BLKSIZE=1024,SPACE=
(1024,(200,20))
164          45 XXSYSPRINT DD SYSOUT=&OUTC
165          IEFC653I SUBSTITUTION JCL - SYSOUT=*
166          46 XXSYSLIN   DD DSN=&&COPYLINK,DISP=(OLD,DELETE)
167          47 XX          DD DSN=&&LOADSET,DISP=(OLD,DELETE)
168          XX*          DD DDNAME=SYSIN
169          XX* 07/23/15 removed the sysin dd
170 STMT NO. MESSAGE
171          3 IEFC001I PROCEDURE CMIFHAAB WAS EXPANDED USING PRIVATE LIBRARY
KC03AAB.A5.PROCLIB
172 ICH70001I KC03AAB LAST ACCESS AT 23:01:25 ON THURSDAY, APRIL 1, 2021
173 IEFA111I CMINQAAB IS USING THE FOLLOWING JOB RELATED SETTINGS:
174          SWA=ABOVE,TIOT SIZE=32K,DSSEQSHR=DISALLOW,GDGBIAS=JOB
175 IEF236I ALLOC. FOR CMINQAAB TRN COMPLI
176 IEF237I 1A10 ALLOCATED TO STEPLIB
177 IEF237I JES2 ALLOCATED TO SYSPRINT
178 IGD103I SMS ALLOCATED TO DDNAME SYSIN
179 IGD101I SMS ALLOCATED TO DDNAME (SYSPUNCH)
180          DSN (SYS21091.T231748.RA000.CMINQAAB.SYSCIN.H01 )
181          STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
182          VOL SER NOS= TEMP00
183 IEF142I CMINQAAB TRN COMPLI - STEP WAS EXECUTED - COND CODE 0000
184 IEF285I DFH540.CICS.SDFHLOAD KEPT
185 IEF285I VOL SER NOS= VTDFHI.
186 IEF285I KC03AAB.CMINQAAB.JOB01655.D0000101.? SYSOUT
187 IGD104I KC03AAB.A5.COBOL RETAINED, DDNAME=SYSIN
188 IGD106I SYS21091.T231748.RA000.CMINQAAB.SYSCIN.H01 PASSED,
DDNAME=SYSPUNCH
189 IEF373I STEP/TRN /START 2021091.2317
190 IEF032I STEP/TRN /STOP 2021091.2317
191          CPU: 0 HR 00 MIN 00.01 SEC SRB: 0 HR 00 MIN 00.00 SEC
192          VIRT: 7912K SYS: 256K EXT: 216K SYS: 12480K
193          ATB- REAL: 1056K SLOTS: 0K
194          VIRT- ALLOC: 13M SHRD: 0M
195 IEF236I ALLOC. FOR CMINQAAB COB COMPLI
196 IGD103I SMS ALLOCATED TO DDNAME SYSLIB
197 IEF237I 1A10 ALLOCATED TO
198 IEF237I 1A10 ALLOCATED TO
199 IEF237I 1A10 ALLOCATED TO
200 IEF237I JES2 ALLOCATED TO SYSPRINT
201 IGD103I SMS ALLOCATED TO DDNAME SYSIN
202 IGD101I SMS ALLOCATED TO DDNAME (SYSLIN )
203          DSN (SYS21091.T231748.RA000.CMINQAAB.LOADSET.H01 )
204          STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
205          VOL SER NOS= TEMP00

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206 IGD101I SMS ALLOCATED TO DDNAME (SYSMDECK)
207         DSN (SYS21091.T231748.RA000.CMINQAAB.R0150438 )
208         STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
209         VOL SER NOS= TEMP00
210 IGD101I SMS ALLOCATED TO DDNAME (SYSUT1 )
211         DSN (SYS21091.T231748.RA000.CMINQAAB.R0150439 )
212         STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
213         VOL SER NOS= TEMP00
214 IGD101I SMS ALLOCATED TO DDNAME (SYSUT2 )
215         DSN (SYS21091.T231748.RA000.CMINQAAB.R0150440 )
216         STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
217         VOL SER NOS= TEMP00
218 IGD101I SMS ALLOCATED TO DDNAME (SYSUT3 )
219         DSN (SYS21091.T231748.RA000.CMINQAAB.R0150441 )
220         STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
221         VOL SER NOS= TEMP00
222 IGD101I SMS ALLOCATED TO DDNAME (SYSUT4 )
223         DSN (SYS21091.T231748.RA000.CMINQAAB.R0150442 )
224         STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
225         VOL SER NOS= TEMP00
226 IGD101I SMS ALLOCATED TO DDNAME (SYSUT5 )
227         DSN (SYS21091.T231748.RA000.CMINQAAB.R0150443 )
228         STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
229         VOL SER NOS= TEMP00
230 IGD101I SMS ALLOCATED TO DDNAME (SYSUT6 )
231         DSN (SYS21091.T231748.RA000.CMINQAAB.R0150444 )
232         STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
233         VOL SER NOS= TEMP00
234 IGD101I SMS ALLOCATED TO DDNAME (SYSUT7 )
235         DSN (SYS21091.T231748.RA000.CMINQAAB.R0150445 )
236         STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
237         VOL SER NOS= TEMP00
238 IGD101I SMS ALLOCATED TO DDNAME (SYSUT8 )
239         DSN (SYS21091.T231748.RA000.CMINQAAB.R0150446 )
240         STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
241         VOL SER NOS= TEMP00
242 IGD101I SMS ALLOCATED TO DDNAME (SYSUT9 )
243         DSN (SYS21091.T231748.RA000.CMINQAAB.R0150447 )
244         STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
245         VOL SER NOS= TEMP00
246 IGD101I SMS ALLOCATED TO DDNAME (SYSUT10 )
247         DSN (SYS21091.T231748.RA000.CMINQAAB.R0150448 )
248         STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
249         VOL SER NOS= TEMP00
250 IGD101I SMS ALLOCATED TO DDNAME (SYSUT11 )
251         DSN (SYS21091.T231748.RA000.CMINQAAB.R0150449 )
252         STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )

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253      VOL SER NOS= TEMP00
254 IGD101I SMS ALLOCATED TO DDNAME (SYSUT12 )
255      DSN (SYS21091.T231748.RA000.CMINQAAB.R0150450 )
256      STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
257      VOL SER NOS= TEMP00
258 IGD101I SMS ALLOCATED TO DDNAME (SYSUT13 )
259      DSN (SYS21091.T231748.RA000.CMINQAAB.R0150451 )
260      STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
261      VOL SER NOS= TEMP00
262 IGD101I SMS ALLOCATED TO DDNAME (SYSUT14 )
263      DSN (SYS21091.T231748.RA000.CMINQAAB.R0150452 )
264      STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
265      VOL SER NOS= TEMP00
266 IGD101I SMS ALLOCATED TO DDNAME (SYSUT15 )
267      DSN (SYS21091.T231748.RA000.CMINQAAB.R0150453 )
268      STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
269      VOL SER NOS= TEMP00
270 IEF142I CMINQAAB COB COMPLI - STEP WAS EXECUTED - COND CODE 0004
271 IGD104I KC03AAB.A5.COBOL RETAINED, DDNAME=SYSLIB
272 IEF285I DFH540.CICS.SDFHCOB KEPT
273 IEF285I VOL SER NOS= VTDFHI.
274 IEF285I DFH540.CICS.SDFHMAC KEPT
275 IEF285I VOL SER NOS= VTDFHI.
276 IEF285I DFH540.CICS.SDFHSAMP KEPT
277 IEF285I VOL SER NOS= VTDFHI.
278 IEF285I KC03AAB.CMINQAAB.JOB01655.D0000102.? SYSOUT
279 IGD105I SYS21091.T231748.RA000.CMINQAAB.SYSCIN.H01 DELETED, DDNAME=SYSIN
280 IGD106I SYS21091.T231748.RA000.CMINQAAB.LOADSET.H01 PASSED, DDNAME=SYSLIN
281 IGD105I SYS21091.T231748.RA000.CMINQAAB.R0150438 DELETED,
      DDNAME=SYSMDECK
282 IGD105I SYS21091.T231748.RA000.CMINQAAB.R0150439 DELETED, DDNAME=SYSUT1
283 IGD105I SYS21091.T231748.RA000.CMINQAAB.R0150440 DELETED, DDNAME=SYSUT2
284 IGD105I SYS21091.T231748.RA000.CMINQAAB.R0150441 DELETED, DDNAME=SYSUT3
285 IGD105I SYS21091.T231748.RA000.CMINQAAB.R0150442 DELETED, DDNAME=SYSUT4
286 IGD105I SYS21091.T231748.RA000.CMINQAAB.R0150443 DELETED, DDNAME=SYSUT5
287 IGD105I SYS21091.T231748.RA000.CMINQAAB.R0150444 DELETED, DDNAME=SYSUT6
288 IGD105I SYS21091.T231748.RA000.CMINQAAB.R0150445 DELETED, DDNAME=SYSUT7
289 IGD105I SYS21091.T231748.RA000.CMINQAAB.R0150446 DELETED, DDNAME=SYSUT8
290 IGD105I SYS21091.T231748.RA000.CMINQAAB.R0150447 DELETED, DDNAME=SYSUT9
291 IGD105I SYS21091.T231748.RA000.CMINQAAB.R0150448 DELETED,
      DDNAME=SYSUT10
292 IGD105I SYS21091.T231748.RA000.CMINQAAB.R0150449 DELETED,
      DDNAME=SYSUT11
293 IGD105I SYS21091.T231748.RA000.CMINQAAB.R0150450 DELETED,
      DDNAME=SYSUT12
294 IGD105I SYS21091.T231748.RA000.CMINQAAB.R0150451 DELETED,
      DDNAME=SYSUT13

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CMINQAAB:JOB01655.spool

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295 IGD105I SYS21091.T231748.RA000.CMINQAAB.R0150452      DELETED,
      DDNAME=SYSUT14
296 IGD105I SYS21091.T231748.RA000.CMINQAAB.R0150453      DELETED,
      DDNAME=SYSUT15
297 IEF373I STEP/COB      /START 2021091.2317
298 IEF032I STEP/COB      /STOP 2021091.2317
299      CPU:      0 HR  00 MIN  00.07 SEC      SRB:      0 HR  00 MIN  00.00 SEC
300      VIRT:    532K  SYS:   4252K  EXT:   135888K  SYS:    14296K
301      ATB- REAL:      8400K  SLOTS:      0K
302      VIRT- ALLOC:    531M SHRD:      0M
303 IEF236I ALLOC. FOR CMINQAAB COPYLINK COMPLI
304 IEF237I 1A10 ALLOCATED TO SYSUT1
305 IGD101I SMS ALLOCATED TO DDNAME (SYSUT2  )
306      DSN (SYS21091.T231748.RA000.CMINQAAB.COPYLINK.H01)
307      STORCLAS (TEMPSC) MGMTCLAS (      ) DATACLAS (      )
308      VOL SER NOS= TEMP00
309 IEF237I JES2 ALLOCATED TO SYSPRINT
310 IEF237I DMY  ALLOCATED TO SYSIN
311 IEF142I CMINQAAB COPYLINK COMPLI - STEP WAS EXECUTED - COND CODE 0000
312 IEF285I      DFH540.CICS.SDFHCOB      KEPT
313 IEF285I VOL SER NOS= VTDFHI.
314 IGD106I SYS21091.T231748.RA000.CMINQAAB.COPYLINK.H01 PASSED,      DDNAME=SYSUT2
315 IEF285I KC03AAB.CMINQAAB.JOB01655.D0000103.?      SYSOUT
316 IEF373I STEP/COPYLINK/START 2021091.2317
317 IEF032I STEP/COPYLINK/STOP 2021091.2317
318      CPU:      0 HR  00 MIN  00.00 SEC      SRB:      0 HR  00 MIN  00.00 SEC
319      VIRT:    112K  SYS:    260K  EXT:      4K  SYS:    12384K
320      ATB- REAL:    1060K  SLOTS:      0K
321      VIRT- ALLOC:    13M SHRD:      0M
322 IEF236I ALLOC. FOR CMINQAAB LKED COMPLI
323 IGD103I SMS ALLOCATED TO DDNAME SYSLIB
324 IEF237I 1A10 ALLOCATED TO
325 IEF237I 1001 ALLOCATED TO
326 IGD103I SMS ALLOCATED TO DDNAME SYSLMOD
327 IGD101I SMS ALLOCATED TO DDNAME (SYSUT1  )
328      DSN (SYS21091.T231748.RA000.CMINQAAB.R0150454      )
329      STORCLAS (TEMPSC) MGMTCLAS (      ) DATACLAS (      )
330      VOL SER NOS= TEMP00
331 IEF237I JES2 ALLOCATED TO SYSPRINT
332 IGD103I SMS ALLOCATED TO DDNAME SYSLIN
333 IGD103I SMS ALLOCATED TO DDNAME
334 IEF142I CMINQAAB LKED COMPLI - STEP WAS EXECUTED - COND CODE 0000
335 IGD104I TSOECCC.CICSTS12.STUDENT.LOADLIB      RETAINED, DDNAME=SYSLIB
336 IEF285I      DFH540.CICS.SDFHLOAD      KEPT
337 IEF285I VOL SER NOS= VTDFHI.
338 IEF285I      CEE.SCEELKED      KEPT
339 IEF285I VOL SER NOS= VTMVSC.

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340 IGD104I TSOECCC.CICSTS12.STUDENT.LOADLIB          RETAINED,
      DDNAME=SYSLMOD
341 IGD105I SYS21091.T231748.RA000.CMINQAAB.R0150454  DELETED,    DDNAME=SYSUT1
342 IEF285I  KC03AAB.CMINQAAB.JOB01655.D0000104.?      SYSOUT
343 IGD105I SYS21091.T231748.RA000.CMINQAAB.COPYLINK.H01 DELETED,    DDNAME=SYSLIN
344 IGD105I SYS21091.T231748.RA000.CMINQAAB.LOADSET.H01 DELETED,    DDNAME=
345 IEF373I STEP/LKED      /START 2021091.2317
346 IEF032I STEP/LKED      /STOP 2021091.2317
347          CPU:        0 HR  00 MIN  00.01 SEC      SRB:        0 HR  00 MIN  00.00 SEC
348          VIRT:       88K  SYS:   260K  EXT:   1768K  SYS:   12416K
349          ATB- REAL:                1084K  SLOTS:                0K
350          VIRT- ALLOC:       17M SHRD:         0M
351 IEF375I  JOB/CMINQAAB/START 2021091.2317
352 IEF033I  JOB/CMINQAAB/STOP 2021091.2317
353          CPU:        0 HR  00 MIN  00.09 SEC      SRB:        0 HR  00 MIN  00.00 SEC
354 CICS 7.1.0 COMMAND LANGUAGE TRANSLATOR
      TIME 23.17 DATE 1 APR 21    PAGE 1
355 OPTIONS
      SPECIFIED: -APOST,DEBUG,COBOL3,FLAGW,NOSEQ,NONUM,LIST,NOXREF,SPACE1,CICS,SP
356 *OPTIONS IN EFFECT*
357
358  CICS
359  DEBUG
360  SPIE
361  EDF
362  LINECOUNT(60)
363  TABLE(DFHEITAB,DFHEITBS)
364  SP
365  NATLANG(EN)
366  SOURCE
367 NOVBREF
368  OPTIONS
369  FLAG(W)
370 NOSEQ
371  APOST
372 NONUM
373  SPACE(1)
374  CBLCARD
375 NOC5
376 NOSYSEIB
377 NOFEPI
378 NOCPSP
379  LINKAGE
380  COBOL3
381  LENGTH
382 LINE          SOURCE LISTING
383

```

```

384 00001      IDENTIFICATION DIVISION.
385 00002      *
386 00003      PROGRAM-ID.  CMINQAAB.
387 00004      *
388 00005      ENVIRONMENT DIVISION.
389 00006      *
390 00007      DATA DIVISION.
391 00008      *
392 00009      WORKING-STORAGE SECTION.
393 00010      *
394 00011      01  SWITCHES.
395 00012      *
396 00013          05  VALID-DATA-SW                PIC X(01)  VALUE 'Y'.
397 00014              88  VALID-DATA                VALUE 'Y'.
398 00015          05  CUSTOMER-FOUND-SW          PIC X(01)  VALUE 'Y'.
399 00016              88  CUSTOMER-FOUND          VALUE 'Y'.
400 00017      *
401 00018      01  FLAGS.
402 00019      *
403 00020          05  DISPLAY-FLAG                PIC X(01).
404 00021              88  DISPLAY-NEW-CUSTOMER    VALUE '1'.
405 00022              88  DISPLAY-SPACES          VALUE '2'.
406 00023              88  DISPLAY-LOW-VALUES      VALUE '3'.
407 00024          05  SEND-FLAG                PIC X(01).
408 00025              88  SEND-ERASE              VALUE '1'.
409 00026              88  SEND-DATAONLY          VALUE '2'.
410 00027              88  SEND-DATAONLY-ALARM    VALUE '3'.
411 CICS 7.1.0 COMMAND LANGUAGE TRANSLATOR
      TIME 23.17 DATE 1 APR 21    PAGE 2
412 LINE      SOURCE LISTING
413 00028      *
414 00029      01  COMMUNICATION-AREA.
415 00030      *
416 00031          05  CA-CUSTOMER-NUMBER          PIC X(06).
417 00032      *
418 00033      01  RESPONSE-CODE                    PIC S9(08) COMP.
419 00034
420 00035      01 FILE-STATUS-INFO.
421 00036          02  CMF-OPEN                    PIC X VALUE 'N'.
422 00037          02  CMF-OPEN-STATUS            PIC S9(8) COMP.
423 00038          02  CMF-ENABLE-STATUS            PIC S9(8) COMP.
424 00039      *
425 00040
426 00041      01 END-OF-SESSION-MESSAGE              PIC X(13) VALUE 'Session
      ended'.
427 00042
428 00043

```

```

429 00044      COPY CUSTMAS.
430 00045      *
431 00046      COPY INQSAAB.
432 00047      *
433 00048      COPY DFHAID.
434 00049      *
435 00050      COPY ERRPARM.
436 00051      *
437 00052      LINKAGE SECTION.
438 00053      *
439 00054      01 DFHCOMMAREA                                PIC X(06).
440 00055      *
441 00056      PROCEDURE DIVISION.
442 00057      *
443 00058      0000-PROCESS-CUSTOMER-INQUIRY.
444 00059      *
445 00060          IF EIBCALEN > ZERO
446 00061              MOVE DFHCOMMAREA TO COMMUNICATION-AREA
447 00062          END-IF.
448 00063      *
449 00064          EVALUATE TRUE
450 00065      *
451 00066              WHEN EIBCALEN = ZERO
452 00067                  MOVE LOW-VALUE TO CA-CUSTOMER-NUMBER
453 00068                  MOVE LOW-VALUE TO INQMAABO
454 00069                  SET SEND-ERASE TO TRUE
455 00070                  PERFORM 1500-SEND-INQUIRY-MAP
456 00071      *
457 00072              WHEN EIBAID = DFHCLEAR
458 00073                  MOVE LOW-VALUE TO CA-CUSTOMER-NUMBER
459 00074                  MOVE LOW-VALUE TO INQMAABO
460 00075                  SET SEND-ERASE TO TRUE
461 00076                  PERFORM 1500-SEND-INQUIRY-MAP
462 00077      *
463 00078              WHEN EIBAID = DFHPA1 OR DFHPA2 OR DFHPA3
464 00079                  CONTINUE
465 00080      *
466 00081              WHEN EIBAID = DFHPF3
467 00082                  EXEC CICS
468 00083                      INQUIRE FILE('CMFAAB')
469 CICS 7.1.0 COMMAND LANGUAGE TRANSLATOR
      TIME 23.17 DATE 1 APR 21    PAGE 3
470 LINE      SOURCE LISTING
471 00084                      OPENSTATUS(CMF-OPEN-STATUS)
472 00085                      ENABLESTATUS(CMF-ENABLE-STATUS)
473 00086                      END-EXEC
474 00087                      IF CMF-OPEN-STATUS = DFHVALUE(OPEN)

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```

475 00088          EXEC CICS
476 00089              SET FILE('CMFAAB') CLOSED
477 00090          END-EXEC
478 00091              MOVE 'N' TO CMF-OPEN
479 00092          END-IF
480 00093          EXEC CICS
481 00094              XCTL PROGRAM('UUMENAAB')
482 00095          END-EXEC
483 00096
484 00097      WHEN EIBAID = DFHPF12
485 00098          EXEC CICS
486 00099              INQUIRE FILE('CMFAAB')
487 00100                  OPENSTATUS(CMF-OPEN-STATUS)
488 00101                  ENABLESTATUS(CMF-ENABLE-STATUS)
489 00102          END-EXEC
490 00103          IF CMF-OPEN-STATUS = DFHVALUE(OPEN)
491 00104              EXEC CICS
492 00105                  SET FILE('CMFAAB') CLOSED
493 00106              END-EXEC
494 00107              MOVE 'N' TO CMF-OPEN
495 00108          END-IF
496 00109          PERFORM 2500-SEND-TERMINATION-MESSAGE
497 00110          EXEC CICS
498 00111              XCTL PROGRAM('UUMENAAB')
499 00112          END-EXEC
500 00113      *
501 00114      WHEN EIBAID = DFHENTER
502 00115          PERFORM 1000-DISPLAY-SELECTED-CUSTOMER
503 00116      *
504 00117      WHEN EIBAID = DFHPF5
505 00118          PERFORM 2000-DISPLAY-FIRST-CUSTOMER
506 00119      *
507 00120      WHEN EIBAID = DFHPF6
508 00121          PERFORM 3000-DISPLAY-LAST-CUSTOMER
509 00122      *
510 00123      WHEN EIBAID = DFHPF7
511 00124          PERFORM 4000-DISPLAY-PREV-CUSTOMER
512 00125      *
513 00126      WHEN EIBAID = DFHPF8
514 00127          PERFORM 5000-DISPLAY-NEXT-CUSTOMER
515 00128      *
516 00129      WHEN OTHER
517 00130          MOVE LOW-VALUE TO INQMAABO
518 00131          MOVE 'Invalid key pressed.' TO MESSAGEO
519 00132          SET SEND-DATAONLY-ALARM TO TRUE
520 00133          PERFORM 1500-SEND-INQUIRY-MAP
521 00134      *

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```

522 00135          END-EVALUATE.
523 00136          *
524 00137          EXEC CICS
525 00138              RETURN TRANSID('IAAB')
526 00139              COMMAREA(COMMUNICATION-AREA)
527 CICS 7.1.0 COMMAND LANGUAGE TRANSLATOR
      TIME 23.17 DATE 1 APR 21    PAGE 4
528 LINE          SOURCE LISTING
529 00140          END-EXEC.
530 00141          *
531 00142          1000-DISPLAY-SELECTED-CUSTOMER.
532 00143          *
533 00144              PERFORM 1100-RECEIVE-INQUIRY-MAP.
534 00145              PERFORM 1200-EDIT-CUSTOMER-NUMBER.
535 00146              IF VALID-DATA
536 00147                  PERFORM 1300-READ-CUSTOMER-RECORD
537 00148                  IF CUSTOMER-FOUND
538 00149                      SET DISPLAY-NEW-CUSTOMER TO TRUE
539 00150                      PERFORM 1400-DISPLAY-INQUIRY-RESULTS
540 00151                      MOVE CM-CUSTOMER-NUMBER TO CA-CUSTOMER-NUMBER
541 00152                  ELSE
542 00153                      SET DISPLAY-SPACES TO TRUE
543 00154                      PERFORM 1400-DISPLAY-INQUIRY-RESULTS
544 00155                  END-IF
545 00156              ELSE
546 00157                  SET DISPLAY-LOW-VALUES TO TRUE
547 00158                  PERFORM 1400-DISPLAY-INQUIRY-RESULTS
548 00159              END-IF.
549 00160          *
550 00161          1100-RECEIVE-INQUIRY-MAP.
551 00162          *
552 00163          *
553 00164              EXEC CICS
554 00165                  RECEIVE MAP('INQMAAB')
555 00166                  MAPSET('INQSAAB')
556 00167                  INTO(INQMAABI)
557 00168              END-EXEC.
558 00169          *
559 00170              INSPECT INQMAABI
560 00171                  REPLACING ALL '_' BY SPACE.
561 00172          *
562 00173          1200-EDIT-CUSTOMER-NUMBER.
563 00174          *
564 00175              IF          CUSTNOL = ZERO
565 00176                  OR CUSTNOI = SPACE
566 00177                  MOVE 'N' TO VALID-DATA-SW
567 00178                  MOVE 'You must enter a customer number.' TO

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```

MESSAGEO
568 00179          END-IF.
569 00180          *
570 00181          1300-READ-CUSTOMER-RECORD.
571 00182          *
572 00183          EXEC CICS
573 00184              INQUIRE FILE('CMFAAB')
574 00185                  OPENSTATUS(CMF-OPEN-STATUS)
575 00186                  ENABLESTATUS(CMF-ENABLE-STATUS)
576 00187          END-EXEC
577 00188          IF CMF-OPEN-STATUS = DFHVALUE(CLOSED)
578 00189              EXEC CICS
579 00190                  SET FILE('CMFAAB') OPEN
580 00191              END-EXEC
581 00192              MOVE 'Y' TO CMF-OPEN
582 00193          END-IF
583 00194
584 00195          EXEC CICS
585 CICS 7.1.0 COMMAND LANGUAGE TRANSLATOR
      TIME 23.17 DATE 1 APR 21    PAGE 5
586 LINE          SOURCE LISTING
587 00196          READ FILE('CMFAAB')
588 00197              INTO(CUSTOMER-MASTER-RECORD)
589 00198              RIDFLD(CUSTNOI)
590 00199              RESP(RESPONSE-CODE)
591 00200          END-EXEC.
592 00201          *
593 00202          IF RESPONSE-CODE = DFHRESP(NOTFND)
594 00203              MOVE 'N' TO CUSTOMER-FOUND-SW
595 00204              MOVE 'That customer does not exist.' TO MESSAGEO
596 00205          ELSE
597 00206              IF RESPONSE-CODE NOT = DFHRESP(NORMAL)
598 00207                  PERFORM 9999-TERMINATE-PROGRAM
599 00208              END-IF
600 00209          END-IF.
601 00210          *
602 00211          1400-DISPLAY-INQUIRY-RESULTS.
603 00212          *
604 00213          IF DISPLAY-NEW-CUSTOMER
605 00214              MOVE CM-CUSTOMER-NUMBER TO CUSTNOO
606 00215              MOVE CM-LAST-NAME      TO LNAMEO
607 00216              MOVE CM-FIRST-NAME     TO FNAMEO
608 00217              MOVE CM-ADDRESS        TO ADDR0
609 00218              MOVE CM-CITY            TO CITYO
610 00219              MOVE CM-STATE          TO STATEO
611 00220              MOVE CM-ZIP-CODE      TO ZIPCODEO
612 00221              MOVE SPACE          TO MESSAGEO

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613 00222          SET SEND-DATAONLY          TO TRUE
614 00223          ELSE
615 00224              IF DISPLAY-SPACES
616 00225                  MOVE LOW-VALUE TO CUSTNOO
617 00226                  MOVE SPACE    TO LNAMEO
618 00227                      FNAMEO
619 00228                      ADDRO
620 00229                      CITYO
621 00230                      STATEO
622 00231                      ZIPCODEO
623 00232              SET SEND-DATAONLY-ALARM TO TRUE
624 00233          ELSE
625 00234              IF DISPLAY-LOW-VALUES
626 00235                  SET SEND-DATAONLY-ALARM TO TRUE
627 00236              END-IF
628 00237          END-IF
629 00238      END-IF.
630 00239      *
631 00240          PERFORM 1500-SEND-INQUIRY-MAP.
632 00241      *
633 00242          1500-SEND-INQUIRY-MAP.
634 00243      *
635 00244          MOVE 'IAAB' TO TRANIDO.
636 00245      *
637 00246          EVALUATE TRUE
638 00247              WHEN SEND-ERASE
639 00248                  EXEC CICS
640 00249                      SEND MAP( 'INQMAAB' )
641 00250                      MAPSET( 'INQSAAB' )
642 00251                      FROM(INQMAABO)
643 CICS 7.1.0 COMMAND LANGUAGE TRANSLATOR
        TIME 23.17 DATE 1 APR 21    PAGE 6
644 LINE          SOURCE LISTING
645 00252                      ERASE
646 00253                      END-EXEC
647 00254              WHEN SEND-DATAONLY
648 00255                  EXEC CICS
649 00256                      SEND MAP( 'INQMAAB' )
650 00257                      MAPSET( 'INQSAAB' )
651 00258                      FROM(INQMAABO)
652 00259                      DATAONLY
653 00260                      END-EXEC
654 00261              WHEN SEND-DATAONLY-ALARM
655 00262                  EXEC CICS
656 00263                      SEND MAP( 'INQMAAB' )
657 00264                      MAPSET( 'INQSAAB' )
658 00265                      FROM(INQMAABO)

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659 00266                                DATAONLY
660 00267                                ALARM
661 00268                                END-EXEC
662 00269                                END-EVALUATE.
663 00270                                *
664 00271                                2000-DISPLAY-FIRST-CUSTOMER.
665 00272                                *
666 00273                                MOVE LOW-VALUE TO CM-CUSTOMER-NUMBER
667 00274                                INQMAABO.
668 00275                                PERFORM 2100-START-CUSTOMER-BROWSE.
669 00276                                IF CUSTOMER-FOUND
670 00277                                    PERFORM 2200-READ-NEXT-CUSTOMER
671 00278                                END-IF.
672 00279                                PERFORM 2300-END-CUSTOMER-BROWSE.
673 00280                                IF CUSTOMER-FOUND
674 00281                                    SET DISPLAY-NEW-CUSTOMER TO TRUE
675 00282                                    PERFORM 1400-DISPLAY-INQUIRY-RESULTS
676 00283                                    MOVE CM-CUSTOMER-NUMBER TO CA-CUSTOMER-NUMBER
677 00284                                ELSE
678 00285                                    SET DISPLAY-SPACES TO TRUE
679 00286                                    PERFORM 1400-DISPLAY-INQUIRY-RESULTS
680 00287                                END-IF.
681 00288                                *
682 00289                                2100-START-CUSTOMER-BROWSE.
683 00290                                *
684 00291                                EXEC CICS
685 00292                                    INQUIRE FILE('CMFAAB')
686 00293                                        OPENSTATUS(CMF-OPEN-STATUS)
687 00294                                        ENABLESTATUS(CMF-ENABLE-STATUS)
688 00295                                END-EXEC
689 00296                                IF CMF-OPEN-STATUS = DFHVALUE(CLOSED)
690 00297                                    EXEC CICS
691 00298                                        SET FILE('CMFAAB') OPEN
692 00299                                    END-EXEC
693 00300                                    MOVE 'Y' TO CMF-OPEN
694 00301                                END-IF
695 00302
696 00303                                EXEC CICS
697 00304                                    STARTBR FILE('CMFAAB')
698 00305                                        RIDFLD(CM-CUSTOMER-NUMBER)
699 00306                                        RESP(RESPONSE-CODE)
700 00307                                END-EXEC.
701 CICS 7.1.0 COMMAND LANGUAGE TRANSLATOR
    TIME 23.17 DATE 1 APR 21    PAGE 7
702 LINE                                SOURCE LISTING
703 00308                                *
704 00309                                IF RESPONSE-CODE = DFHRESP(NORMAL)

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```

705 00310      MOVE 'Y' TO CUSTOMER-FOUND-SW
706 00311      MOVE SPACE TO MESSAGEO
707 00312      ELSE
708 00313          IF RESPONSE-CODE = DFHRESP(NOTFND)
709 00314              MOVE 'N' TO CUSTOMER-FOUND-SW
710 00315              MOVE 'There are no customers in the file.'
711 00316                  TO MESSAGEO
712 00317          ELSE
713 00318              PERFORM 9999-TERMINATE-PROGRAM
714 00319          END-IF
715 00320      END-IF.
716 00321      *
717 00322      2200-READ-NEXT-CUSTOMER.
718 00323      *
719 00324          EXEC CICS
720 00325              INQUIRE FILE('CMFAAB')
721 00326                  OPENSTATUS(CMF-OPEN-STATUS)
722 00327                  ENABLESTATUS(CMF-ENABLE-STATUS)
723 00328          END-EXEC
724 00329          IF CMF-OPEN-STATUS = DFHVALUE(CLOSED)
725 00330              EXEC CICS
726 00331                  SET FILE('CMFAAB') OPEN
727 00332              END-EXEC
728 00333              MOVE 'Y' TO CMF-OPEN
729 00334          END-IF
730 00335
731 00336          EXEC CICS
732 00337              READNEXT FILE('CMFAAB')
733 00338                  INTO(CUSTOMER-MASTER-RECORD)
734 00339                  RIDFLD(CM-CUSTOMER-NUMBER)
735 00340                  RESP(RESPONSE-CODE)
736 00341          END-EXEC.
737 00342      *
738 00343          EVALUATE RESPONSE-CODE
739 00344              WHEN DFHRESP(NORMAL)
740 00345                  MOVE 'Y' TO CUSTOMER-FOUND-SW
741 00346              WHEN DFHRESP(ENDFILE)
742 00347                  MOVE 'N' TO CUSTOMER-FOUND-SW
743 00348                  MOVE 'There are no more records in the file.'
744 00349                      TO MESSAGEO
745 00350              WHEN OTHER
746 00351                  PERFORM 9999-TERMINATE-PROGRAM
747 00352          END-EVALUATE.
748 00353      *
749 00354      2300-END-CUSTOMER-BROWSE.
750 00355      *
751 00356

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```

752 00357          EXEC CICS
753 00358              ENDBR FILE('CMFAAB')
754 00359                  RESP(RESPONSE-CODE)
755 00360          END-EXEC.
756 00361      *
757 00362          IF RESPONSE-CODE NOT = DFHRESP(NORMAL)
758 00363              PERFORM 9999-TERMINATE-PROGRAM
759 CICS 7.1.0 COMMAND LANGUAGE TRANSLATOR
      TIME 23.17 DATE 1 APR 21    PAGE 8
760 LINE          SOURCE LISTING
761 00364          END-IF.
762 00365      *
763 00366          2500-SEND-TERMINATION-MESSAGE.
764 00367      *
765 00368          EXEC CICS
766 00369              SEND TEXT FROM(END-OF-SESSION-MESSAGE)
767 00370                  ERASE
768 00371                  FREEKB
769 00372          END-EXEC.
770 00373      *
771 00374
772 00375          3000-DISPLAY-LAST-CUSTOMER.
773 00376      *
774 00377          MOVE HIGH-VALUE TO CM-CUSTOMER-NUMBER.
775 00378          MOVE LOW-VALUE  TO INQMAABO.
776 00379          PERFORM 2100-START-CUSTOMER-BROWSE.
777 00380          IF CUSTOMER-FOUND
778 00381              PERFORM 3100-READ-PREV-CUSTOMER
779 00382          END-IF.
780 00383          PERFORM 2300-END-CUSTOMER-BROWSE.
781 00384          IF CUSTOMER-FOUND
782 00385              SET DISPLAY-NEW-CUSTOMER TO TRUE
783 00386              PERFORM 1400-DISPLAY-INQUIRY-RESULTS
784 00387              MOVE CM-CUSTOMER-NUMBER TO CA-CUSTOMER-NUMBER
785 00388          ELSE
786 00389              SET DISPLAY-SPACES TO TRUE
787 00390              PERFORM 1400-DISPLAY-INQUIRY-RESULTS
788 00391          END-IF.
789 00392      *
790 00393          3100-READ-PREV-CUSTOMER.
791 00394      *
792 00395          EXEC CICS
793 00396              READPREV FILE('CMFAAB')
794 00397                  INTO(CUSTOMER-MASTER-RECORD)
795 00398                  RIDFLD(CM-CUSTOMER-NUMBER)
796 00399                  RESP(RESPONSE-CODE)
797 00400          END-EXEC.

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```

798 00401      *
799 00402          EVALUATE RESPONSE-CODE
800 00403              WHEN DFHRESP(NORMAL)
801 00404                  MOVE 'Y' TO CUSTOMER-FOUND-SW
802 00405              WHEN DFHRESP(ENDFILE)
803 00406                  MOVE 'N' TO CUSTOMER-FOUND-SW
804 00407                  MOVE 'There are no more records in the file.'
805 00408                      TO MESSAGEO
806 00409              WHEN OTHER
807 00410                  PERFORM 9999-TERMINATE-PROGRAM
808 00411              END-EVALUATE.
809 00412      *
810 00413      4000-DISPLAY-PREV-CUSTOMER.
811 00414      *
812 00415          MOVE CA-CUSTOMER-NUMBER TO CM-CUSTOMER-NUMBER.
813 00416          MOVE LOW-VALUE          TO INQMAABO.
814 00417          PERFORM 2100-START-CUSTOMER-BROWSE.
815 00418          IF CUSTOMER-FOUND
816 00419              PERFORM 2200-READ-NEXT-CUSTOMER
817 CICS 7.1.0 COMMAND LANGUAGE TRANSLATOR
      TIME 23.17 DATE 1 APR 21    PAGE 9
818 LINE      SOURCE LISTING
819 00420          PERFORM 3100-READ-PREV-CUSTOMER
820 00421          PERFORM 3100-READ-PREV-CUSTOMER
821 00422          END-IF.
822 00423          PERFORM 2300-END-CUSTOMER-BROWSE.
823 00424          IF CUSTOMER-FOUND
824 00425              SET DISPLAY-NEW-CUSTOMER TO TRUE
825 00426              PERFORM 1400-DISPLAY-INQUIRY-RESULTS
826 00427              MOVE CM-CUSTOMER-NUMBER TO CA-CUSTOMER-NUMBER
827 00428          ELSE
828 00429              SET DISPLAY-LOW-VALUES TO TRUE
829 00430              PERFORM 1400-DISPLAY-INQUIRY-RESULTS
830 00431          END-IF.
831 00432      *
832 00433      5000-DISPLAY-NEXT-CUSTOMER.
833 00434      *
834 00435          MOVE CA-CUSTOMER-NUMBER TO CM-CUSTOMER-NUMBER.
835 00436          MOVE LOW-VALUE          TO INQMAABO.
836 00437          PERFORM 2100-START-CUSTOMER-BROWSE.
837 00438          IF CUSTOMER-FOUND
838 00439              PERFORM 2200-READ-NEXT-CUSTOMER
839 00440              PERFORM 2200-READ-NEXT-CUSTOMER
840 00441          END-IF.
841 00442          PERFORM 2300-END-CUSTOMER-BROWSE.
842 00443          IF CUSTOMER-FOUND
843 00444              SET DISPLAY-NEW-CUSTOMER TO TRUE

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```
844 00445          PERFORM 1400-DISPLAY-INQUIRY-RESULTS
845 00446          MOVE CM-CUSTOMER-NUMBER TO CA-CUSTOMER-NUMBER
846 00447      ELSE
847 00448          SET DISPLAY-LOW-VALUES TO TRUE
848 00449          PERFORM 1400-DISPLAY-INQUIRY-RESULTS
849 00450      END-IF.
850 00451      *
851 00452
852 00453      6000-OPEN-CUSTOMER-FILE.
853 00454
854 00455          EXEC CICS
855 00456              INQUIRE FILE('CMFAAB')
856 00457                  OPENSTATUS(CMF-OPEN-STATUS)
857 00458                  ENABLESTATUS(CMF-ENABLE-STATUS)
858 00459      END-EXEC
859 00460      IF CMF-OPEN-STATUS = DFHVALUE(CLOSED)
860 00461          EXEC CICS
861 00462              SET FILE('CMFAAB') OPEN
862 00463          END-EXEC
863 00464          MOVE 'Y' TO CMF-OPEN
864 00465      END-IF.
865 00466
866 00467      6500-CLOSE-CUSTOMER-FILE.
867 00468
868 00469          EXEC CICS
869 00470              INQUIRE FILE('CMFAAB')
870 00471                  OPENSTATUS(CMF-OPEN-STATUS)
871 00472                  ENABLESTATUS(CMF-ENABLE-STATUS)
872 00473      END-EXEC
873 00474
874 00475      IF CMF-OPEN-STATUS = DFHVALUE(OPEN)
875 CICS 7.1.0 COMMAND LANGUAGE TRANSLATOR
      TIME 23.17 DATE 1 APR 21    PAGE 10
876 LINE          SOURCE LISTING
877 00476          EXEC CICS
878 00477              SET FILE('CMFAAB') CLOSED
879 00478          END-EXEC
880 00479          MOVE 'N' TO CMF-OPEN
881 00480      END-IF.
882 00481
883 00482      *
884 00483
885 00484
886 00485      9999-TERMINATE-PROGRAM.
887 00486      *
888 00487          MOVE EIBRESP TO ERR-RESP.
889 00488          MOVE EIBRESP2 TO ERR-RESP2.
```



```

890 00489          MOVE EIBTRNID TO ERR-TRNID.
891 00490          MOVE EIBRSRCE TO ERR-RSRCE.
892 00491          *
893 00492          EXEC CICS
894 00493              XCTL PROGRAM('SYSERR')
895 00494                  COMMAREA(ERROR-PARAMETERS)
896 00495          END-EXEC.
897 00496

```

898 NO MESSAGES PRODUCED BY TRANSLATOR.

899 TRANSLATION TIME:- 0.00 MINS.

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Date

901 Invocation parameters:

902 NOXREF,NODBCS,APOST,OBJECT,NODYNAM

903 PROCESS(CBL) statements:

904 Process rent,nodynam,lib

905

906 IGYOS4090-I The "LIB" option specification is no longer required.
 COBOL library processing is always in effect.

907

908

909 IGYOS4020-W The "NSYMBOL(NATIONAL)" option was discarded due to
 option conflict resolution. The "NODBCS" option from
 910 compiler invocation parameter took precedence.

911

912 Options in effect:

913 NOADATA

914 ADV

915 AFP(NOVOLATILE)

916 APOST

917 ARCH(7)

918 ARITH(COMPAT)

919 NOAWO

920 NOBLOCK0

921 BUFSIZE(4096)

922 NOCICS

923 CODEPAGE(1140)

924 NOCOMPILE(S)

925 NOCOPYLOC

926 NOCOPYRIGHT

927 NOCURRENCY

928 DATA(31)

929 NODBCS

930 NODECK

931 NODEFINE

932 NODIAGTRUNC

933 DISPSIGN(COMPAT)

```

934 NODLL
935 NODUMP
936 NODYNAM
937 NOEXIT
938 NOEXPORTALL
939 NOFASTSRT
940     FLAG(I,I)
941 NOFLAGSTD
942     HGPR(PRESERVE)
943 NOINITCHECK
944     INLINE
945     INTDATE(ANSI)
946     LANGUAGE(EN)
947     LINECOUNT(60)
948 NOLIST
949 NOMAP
950     MAXPCF(100000)
951 NOMDECK
952 NONAME
953     NSYMBOL(DBCS)
954 NONUMBER
955 NONUMCHECK
956     NUMPROC(NOPFD)
957 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.2.0 P190107
    04/01/2021 Time 23:17:52 Page 2
958 OBJECT
959 NOOFFSET
960     OPTIMIZE(0)
961     OUTDD(SYSOUT)
962 NOPARMCHECK
963     PGMNAME(COMPAT)
964     QUALIFY(COMPAT)
965     RENT
966     RMODE(AUTO)
967 NORULES
968 NOSERVICE
969     SEQUENCE
970     SOURCE
971     SPACE(1)
972 NOSQL
973     SQLCCSID
974 NOSQLIMS
975 NOSSRANGE
976 NOSTGOPT
977     SUPPRESS
978 NOTERM
979 NOTEST(NODWARF,NOSOURCE,NOSEPARATE)

```

Date

```

980 NOTHREAD
981   TRUNC(STD)
982 NOVBREF
983   VLR(STANDARD)
984   VSAMOPENFS(COMPAT)
985 NOWORD
986   XMLPARSE(XMLSS)
987 NOXREF
988   ZONEDATA(PFD)
989   ZWB
990 PP 5655-EC6 IBM Enterprise COBOL for z/OS  6.2.0 P190107          CMINQAAB  Date
    04/01/2021  Time 23:17:52  Page    3
991  LineID  PL SL  ----+*A-1-B--+-----2-----+-----3-----+-----4-----+-----5-----
    +-----6-----+-----7-|-+-----8 Map and Cross Reference
992  000001          IDENTIFICATION DIVISION.
993  000002          *
994  000003          PROGRAM-ID.  CMINQAAB.
995  000004          *
996  000005          ENVIRONMENT DIVISION.
997  000006          *
998  000007          DATA DIVISION.
999  000008          *
1000 000009          WORKING-STORAGE SECTION.
1001 000010          *
1002 000011          01  SWITCHES.
1003 000012          *
1004 000013          05  VALID-DATA-SW          PIC X(01)  VALUE
    'Y'.
1005 000014          88  VALID-DATA          VALUE
    'Y'.
1006 000015          05  CUSTOMER-FOUND-SW    PIC X(01)  VALUE
    'Y'.
1007 000016          88  CUSTOMER-FOUND    VALUE
    'Y'.
1008 000017          *
1009 000018          01  FLAGS.
1010 000019          *
1011 000020          05  DISPLAY-FLAG          PIC X(01).
1012 000021          88  DISPLAY-NEW-CUSTOMER  VALUE
    '1'.
1013 000022          88  DISPLAY-SPACES    VALUE
    '2'.
1014 000023          88  DISPLAY-LOW-VALUES  VALUE
    '3'.
1015 000024          05  SEND-FLAG          PIC X(01).
1016 000025          88  SEND-ERASE    VALUE
    '1'.

```

```

1017 000026          88  SEND-DATAONLY          VALUE
      '2'.
1018 000027          88  SEND-DATAONLY-ALARM      VALUE
      '3'.
1019 000028          *
1020 000029          01  COMMUNICATION-AREA.
1021 000030          *
1022 000031          05  CA-CUSTOMER-NUMBER          PIC X(06).
1023 000032          *
1024 000033          01  RESPONSE-CODE          PIC S9(08) COMP.
1025 000034
1026 000035          01  FILE-STATUS-INFO.
1027 000036          02  CMF-OPEN          PIC X VALUE 'N'.
1028 000037          02  CMF-OPEN-STATUS          PIC S9(8) COMP.
1029 000038          02  CMF-ENABLE-STATUS          PIC S9(8) COMP.
1030 000039          *
1031 000040
1032 000041          01  END-OF-SESSION-MESSAGE          PIC X(13) VALUE
      'Session ended'.
1033 000042
1034 000043
1035 000044          COPY CUSTMAS.
1036 000045C          01  CUSTOMER-MASTER-RECORD.
1037 000046C          *
1038 000047C          05  CM-CUSTOMER-NUMBER          PIC X(6).
1039 000048C          05  CM-FIRST-NAME          PIC X(20).
1040 000049C          05  CM-LAST-NAME          PIC X(30).
1041 000050C          05  CM-ADDRESS          PIC X(30).
1042 000051C          05  CM-CITY          PIC X(20).
1043 000052C          05  CM-STATE          PIC X(2).
1044 000053C          05  CM-ZIP-CODE          PIC X(10).
1045 000054C
1046 000055C
1047 000056          *
1048 000057          COPY INQSAAB.
1049 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.2.0 P190107          CMINQAAB  Date
      04/01/2021 Time 23:17:52 Page 4
1050 LineID PL SL  -----*A-1-B-+-----2-----3-----4-----5-----
      +-----6-----7-|-----8 Map and Cross Reference
1051 000058C          01  INQMAABI.
1052 000059C          02  FILLER PIC X(12).
1053 000060C          02  TRANIDL COMP PIC S9(4).
1054 000061C          02  TRANIDF PICTURE X.
1055 000062C          02  FILLER REDEFINES TRANIDF.
1056 000063C          03  TRANIDA PICTURE X.
1057 000064C          02  TRANIDI PIC X(4).
1058 000065C          02  CUSTNOL COMP PIC S9(4).

```

1059	000066C	02	CUSTNOF	PICTURE	X.
1060	000067C	02	FILLER	REDEFINES	CUSTNOF.
1061	000068C	03	CUSTNOA	PICTURE	X.
1062	000069C	02	CUSTNOI	PIC	X(6).
1063	000070C	02	LNAMEL	COMP	PIC S9(4).
1064	000071C	02	LNAMEF	PICTURE	X.
1065	000072C	02	FILLER	REDEFINES	LNAMEF.
1066	000073C	03	LNAMEA	PICTURE	X.
1067	000074C	02	LNAMEI	PIC	X(30).
1068	000075C	02	FNAMEL	COMP	PIC S9(4).
1069	000076C	02	FNAMEF	PICTURE	X.
1070	000077C	02	FILLER	REDEFINES	FNAMEF.
1071	000078C	03	FNAMEA	PICTURE	X.
1072	000079C	02	FNAMEI	PIC	X(20).
1073	000080C	02	ADDRL	COMP	PIC S9(4).
1074	000081C	02	ADDRF	PICTURE	X.
1075	000082C	02	FILLER	REDEFINES	ADDRF.
1076	000083C	03	ADDRA	PICTURE	X.
1077	000084C	02	ADDRI	PIC	X(30).
1078	000085C	02	CITYL	COMP	PIC S9(4).
1079	000086C	02	CITYF	PICTURE	X.
1080	000087C	02	FILLER	REDEFINES	CITYF.
1081	000088C	03	CITYA	PICTURE	X.
1082	000089C	02	CITYI	PIC	X(20).
1083	000090C	02	STATEL	COMP	PIC S9(4).
1084	000091C	02	STATEF	PICTURE	X.
1085	000092C	02	FILLER	REDEFINES	STATEF.
1086	000093C	03	STATEA	PICTURE	X.
1087	000094C	02	STATEI	PIC	X(2).
1088	000095C	02	ZIPCODEL	COMP	PIC S9(4).
1089	000096C	02	ZIPCODEF	PICTURE	X.
1090	000097C	02	FILLER	REDEFINES	ZIPCODEF.
1091	000098C	03	ZIPCODEA	PICTURE	X.
1092	000099C	02	ZIPCODEI	PIC	X(10).
1093	000100C	02	MESSAGEL	COMP	PIC S9(4).
1094	000101C	02	MESSAGEF	PICTURE	X.
1095	000102C	02	FILLER	REDEFINES	MESSAGEF.
1096	000103C	03	MESSAGEA	PICTURE	X.
1097	000104C	02	MESSAGEI	PIC	X(79).
1098	000105C	02	DUMMYL	COMP	PIC S9(4).
1099	000106C	02	DUMMYF	PICTURE	X.
1100	000107C	02	FILLER	REDEFINES	DUMMYF.
1101	000108C	03	DUMMYA	PICTURE	X.
1102	000109C	02	DUMMYI	PIC	X(1).
1103	000110C	01	INQMAABO	REDEFINES	INQMAABI.
1104	000111C	02	FILLER	PIC	X(12).
1105	000112C	02	FILLER	PICTURE	X(3).

```

1106 000113C          02  TRANIDO  PIC X(4).
1107 000114C          02  FILLER  PICTURE X(3).
1108 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.2.0 P190107      CMINQAAB  Date
      04/01/2021  Time 23:17:52  Page    5
1109 LineID  PL SL  -----*A-1-B--+-----2-----3-----4-----5-----
      +-----6-----+-----7-|-+-----8 Map and Cross Reference
1110 000115C          02  CUSTNOO  PIC X(6).
1111 000116C          02  FILLER  PICTURE X(3).
1112 000117C          02  LNAMEO   PIC X(30).
1113 000118C          02  FILLER  PICTURE X(3).
1114 000119C          02  FNAMEO   PIC X(20).
1115 000120C          02  FILLER  PICTURE X(3).
1116 000121C          02  ADDRO    PIC X(30).
1117 000122C          02  FILLER  PICTURE X(3).
1118 000123C          02  CITYO    PIC X(20).
1119 000124C          02  FILLER  PICTURE X(3).
1120 000125C          02  STATEO   PIC X(2).
1121 000126C          02  FILLER  PICTURE X(3).
1122 000127C          02  ZIPCODEO PIC X(10).
1123 000128C          02  FILLER  PICTURE X(3).
1124 000129C          02  MESSAGEO PIC X(79).
1125 000130C          02  FILLER  PICTURE X(3).
1126 000131C          02  DUMMYO   PIC X(1).
1127 000132          *
1128 000133          COPY DFHAID.
1129 000134C
      *****
1130 000135C          *
      *
1131 000136C          *
      *
1132 000137C          *
      *
1133 000138C          *      Licensed Materials - Property of IBM
      *
1134 000139C          *
      *
1135 000140C          *      "Restricted Materials of IBM"
      *
1136 000141C          *
      *
1137 000142C          *      5655-Y04
      *
1138 000143C          *
      *
1139 000144C          *      (C) Copyright IBM Corp. 1988, 2010"
      *

```


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```

1140 000145C      *
      *
1141 000146C      *
      *
1142 000147C      *
      *
1143 000148C      *
      *
1144 000149C      *   STATUS = 7.1.0
      *
1145 000150C      *
      *
1146 000151C      * CHANGE ACTIVITY :
      *
1147 000152C      *
      *
1148 000153C      *   $SEG(DFHAID),COMP(BMS),PROD(CICS TS ):
      *
1149 000154C      *
      *
1150 000155C      *   PN= REASON REL YYMMDD HDXXIII : REMARKS
      *
1151 000156C      * $D1= I07991 670 100820 HDIGPG : Translate
unprintable char *
1152 000157C      * $L0= Base 210 88 HD1MA : Base
      *
1153 000158C      *
      *
1154 000159C
*****
1155 000160C      *
1156 000161C      *
1157 000162C      01 DFHAID.
1158 000163C      02 DFHNULL PIC X VALUE IS X'00'.
1159 000164C      02 DFHENTER PIC X VALUE IS ' '.
1160 000165C      02 DFHCLEAR PIC X VALUE IS ' '.
1161 000166C      02 DFHCLRP PIC X VALUE IS ' '.
1162 000167C      02 DFHPEN PIC X VALUE IS '='.
1163 000168C      02 DFHOPID PIC X VALUE IS 'W'.
1164 000169C      02 DFHMSRE PIC X VALUE IS 'X'.
1165 000170C      02 DFHSTRF PIC X VALUE IS 'h'.
1166 000171C      02 DFHTRIG PIC X VALUE IS ' '.
1167 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.2.0 P190107 CMINQAAB Date
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1168 LineID PL SL -----*A-1-B-+-----2-----3-----4-----5-----
+-----6-----7-|-+-----8 Map and Cross Reference
1169 000172C      02 DFHPA1 PIC X VALUE IS '%'.

```

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1170	000173C	02	DFHPA2	PIC	X	VALUE	IS	'>'.
1171	000174C	02	DFHPA3	PIC	X	VALUE	IS	','.
1172	000175C	02	DFHPF1	PIC	X	VALUE	IS	'1'.
1173	000176C	02	DFHPF2	PIC	X	VALUE	IS	'2'.
1174	000177C	02	DFHPF3	PIC	X	VALUE	IS	'3'.
1175	000178C	02	DFHPF4	PIC	X	VALUE	IS	'4'.
1176	000179C	02	DFHPF5	PIC	X	VALUE	IS	'5'.
1177	000180C	02	DFHPF6	PIC	X	VALUE	IS	'6'.
1178	000181C	02	DFHPF7	PIC	X	VALUE	IS	'7'.
1179	000182C	02	DFHPF8	PIC	X	VALUE	IS	'8'.
1180	000183C	02	DFHPF9	PIC	X	VALUE	IS	'9'.
1181	000184C	02	DFHPF10	PIC	X	VALUE	IS	':'.
1182	000185C	02	DFHPF11	PIC	X	VALUE	IS	'#'.
1183	000186C	02	DFHPF12	PIC	X	VALUE	IS	'@'.
1184	000187C	02	DFHPF13	PIC	X	VALUE	IS	'A'.
1185	000188C	02	DFHPF14	PIC	X	VALUE	IS	'B'.
1186	000189C	02	DFHPF15	PIC	X	VALUE	IS	'C'.
1187	000190C	02	DFHPF16	PIC	X	VALUE	IS	'D'.
1188	000191C	02	DFHPF17	PIC	X	VALUE	IS	'E'.
1189	000192C	02	DFHPF18	PIC	X	VALUE	IS	'F'.
1190	000193C	02	DFHPF19	PIC	X	VALUE	IS	'G'.
1191	000194C	02	DFHPF20	PIC	X	VALUE	IS	'H'.
1192	000195C	02	DFHPF21	PIC	X	VALUE	IS	'I'.
1193	000196C	02	DFHPF22	PIC	X	VALUE	IS	'J'.
1194	000197C	02	DFHPF23	PIC	X	VALUE	IS	','.
1195	000198C	02	DFHPF24	PIC	X	VALUE	IS	'<'.
1196	000199							*
1197	000200							COPY ERRPARM.
1198	000201C	01	ERROR-PARAMETERS.					
1199	000202C							*
1200	000203C	05	ERR-RESP			PIC	S9(8)	COMP.
1201	000204C	05	ERR-RESP2			PIC	S9(8)	COMP.
1202	000205C	05	ERR-TRNID			PIC	X(4).	
1203	000206C	05	ERR-RSRCE			PIC	X(8).	
1204	000207C							
1205	000208C							
1206	000209							*
1207	000210							
1208	000211	01	dfhb0020	comp		pic	s9(4)	is global.
1209	000212	01	dfhb0021	comp		pic	s9(4)	is global.
1210	000213	01	dfhb0022	comp		pic	s9(4)	is global.
1211	000214	01	dfhb0023	comp		pic	s9(4)	is global.
1212	000215	01	dfhb0024	comp		pic	s9(4)	is global.
1213	000216	01	dfhb0025	comp		pic	s9(4)	is global.
1214	000217	01	dfhc2550	pic	x(255)	is	global.	
1215	000218	01	dfhc2551	pic	x(255)	is	global.	
1216	000219	01	dfhc2552	pic	x(255)	is	global.	

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```

1217 000220      01 dfhc2553 pic x(255) is global.
1218 000221      01 dfhc2460 pic x(246) is global.
1219 000222      01 dfhc2400 pic x(240) is global.
1220 000223      01 dfhc2401 pic x(240) is global.
1221 000224      01 dfhc2402 pic x(240) is global.
1222 000225      01 dfhc2403 pic x(240) is global.

```

1223 000226 LINKAGE SECTION.

1224 000227 *

1225 000228 01 dfheiblk.

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1227 LineID PL SL ----+*A-1-B--+----2----+----3----+----4----+----5----
+----6----+----7-|-+----8 Map and Cross Reference

```

1228 000229      02 eibtime comp-3 pic s9(7).
1229 000230      02 eibdate comp-3 pic s9(7).
1230 000231      02 eibtrnid pic x(4).
1231 000232      02 eibtaskn comp-3 pic s9(7).
1232 000233      02 eibtrmid pic x(4).
1233 000234      02 dfheigdi comp pic s9(4).
1234 000235      02 eibcposn comp pic s9(4).
1235 000236      02 eibcalen comp pic s9(4).
1236 000237      02 eibaid pic x(1).
1237 000238      02 eibfn pic x(2).
1238 000239      02 eibrcode pic x(6).
1239 000240      02 eibds pic x(8).
1240 000241      02 eibreqid pic x(8).
1241 000242      02 eibrsrce pic x(8).
1242 000243      02 eibsync pic x(1).
1243 000244      02 eibfree pic x(1).
1244 000245      02 eibrecv pic x(1).
1245 000246      02 eibfil01 pic x(1).
1246 000247      02 eibatt pic x(1).
1247 000248      02 eibeoc pic x(1).
1248 000249      02 eibfmh pic x(1).
1249 000250      02 eibcompl pic x(1).
1250 000251      02 eibsig pic x(1).
1251 000252      02 eibconf pic x(1).
1252 000253      02 eiberr pic x(1).
1253 000254      02 eiberrcd pic x(4).
1254 000255      02 eibsynrb pic x(1).
1255 000256      02 eibnodat pic x(1).
1256 000257      02 eibresp comp pic s9(8).
1257 000258      02 eibresp2 comp pic s9(8).
1258 000259      02 eibrldbk pic x(1).

```

1259 000260 01 DFHCOMMAREA PIC X(06).

1260 000261 *

1261 000262 PROCEDURE DIVISION using dfheiblk dfhcommarea.

```

1262 000263      *
1263 000264      0000-PROCESS-CUSTOMER-INQUIRY.
1264 000265      *
1265 000266          IF EIBCALEN > ZERO
1266 000267      1          MOVE DFHCOMMAREA TO COMMUNICATION-AREA
1267 000268          END-IF.
1268 000269      *
1269 000270          EVALUATE TRUE
1270 000271      *
1271 000272          WHEN EIBCALEN = ZERO
1272 000273      1          MOVE LOW-VALUE TO CA-CUSTOMER-NUMBER
1273 000274      1          MOVE LOW-VALUE TO INQMAABO
1274 000275      1          SET SEND-ERASE TO TRUE
1275 000276      1          PERFORM 1500-SEND-INQUIRY-MAP
1276 000277      *
1277 000278          WHEN EIBAID = DFHCLEAR
1278 000279      1          MOVE LOW-VALUE TO CA-CUSTOMER-NUMBER
1279 000280      1          MOVE LOW-VALUE TO INQMAABO
1280 000281      1          SET SEND-ERASE TO TRUE
1281 000282      1          PERFORM 1500-SEND-INQUIRY-MAP
1282 000283      *
1283 000284          WHEN EIBAID = DFHPA1 OR DFHPA2 OR DFHPA3
1284 000285      1          CONTINUE
1285 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.2.0 P190107      CMINQAAB Date
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1286 LineID PL SL ----+*A-1-B-+-----2-----3-----4-----5-----
      +-----6-----7-|-----8 Map and Cross Reference
1287 000286      *
1288 000287          WHEN EIBAID = DFHPPF3
1289 000288      *EXEC CICS
1290 000289      *    INQUIRE FILE('CMFAAB')
1291 000290      *    OPENSTATUS(CMF-OPEN-STATUS)
1292 000291      *    ENABLESTATUS(CMF-ENABLE-STATUS)
1293 000292      *END-EXEC
1294 000293      1          Call 'DFHEI1' using by content
      x'4c028006078006000000
1295 000294      1      -    '00000f0f0f0f8f2404040' by content 'CMFAAB ' by
      content x'0
1296 000295      1      -    '000' by content x'0000' by content x'0000' by
      content x'0000
1297 000296      1      -    '' by content x'0000' by content x'0000' by
      content x'0000'
1298 000297      1          by content x'0000' by content x'0000' by content
      x'0000' by
1299 000298      1          content x'0000' by content x'0000' by reference
1300 000299      1          CMF-OPEN-STATUS by reference CMF-ENABLE-STATUS
      end-call

```

```

1301 000300
1302 000301      * DFHVALUE(OPEN) = 18                                INSERTED
      BY TRANSLATOR
1303 000302      1                                IF CMF-OPEN-STATUS = 18
1304 000303      *EXEC CICS
1305 000304      *   SET FILE('CMFAAB') CLOSED
1306 000305      *END-EXEC
1307 000306      2                                Call 'DFHEI1' using by content
      x'4c04800007800000
1308 000307      2      -   '0000004000f0f0f8f8404040' by content 'CMFAAB
      ' end-call
1309 000308
1310 000309      2                                MOVE 'N' TO CMF-OPEN
1311 000310      1                                END-IF
1312 000311      *EXEC CICS
1313 000312      *   XCTL PROGRAM('UUMENAAB')
1314 000313      *END-EXEC
1315 000314      1                                Call 'DFHEI1' using by content
      x'0e0480000700000200f0
1316 000315      1      -   'f0f0f9f3404040' by content 'UUMENAAB' end-call
1317 000316
1318 000317
1319 000318      WHEN EIBAID = DFHPF12
1320 000319      *EXEC CICS
1321 000320      *   INQUIRE FILE('CMFAAB')
1322 000321      *   OPENSTATUS(CMF-OPEN-STATUS)
1323 000322      *   ENABLESTATUS(CMF-ENABLE-STATUS)
1324 000323      *END-EXEC
1325 000324      1                                Call 'DFHEI1' using by content
      x'4c028006078006000000
1326 000325      1      -   '000000f0f0f0f9f8404040' by content 'CMFAAB ' by
      content x'0
1327 000326      1      -   '000' by content x'0000' by content x'0000' by
      content x'0000
1328 000327      1      -   '' by content x'0000' by content x'0000' by
      content x'0000'
1329 000328      1                                by content x'0000' by content x'0000' by content
      x'0000' by
1330 000329      1                                content x'0000' by content x'0000' by reference
1331 000330      1                                CMF-OPEN-STATUS by reference CMF-ENABLE-STATUS
      end-call
1332 000331
1333 000332      * DFHVALUE(OPEN) = 18                                INSERTED
      BY TRANSLATOR
1334 000333      1                                IF CMF-OPEN-STATUS = 18
1335 000334      *EXEC CICS
1336 000335      *   SET FILE('CMFAAB') CLOSED

```

```

1337 000336          *END-EXEC
1338 000337          2          Call 'DFHEI1' using by content
      x'4c04800007800000
1339 000338          2          - '0000004000f0f0f1f0f4404040' by content 'CMFAAB
      ' end-call
1340 000339
1341 000340          2          MOVE 'N' TO CMF-OPEN
1342 000341          1          END-IF
1343 000342          1          PERFORM 2500-SEND-TERMINATION-MESSAGE
1344 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.2.0 P190107          CMINQAAB Date
      04/01/2021 Time 23:17:52 Page 9
1345 LineID PL SL ----+*A-1-B---+---2---+---3---+---4---+---5---
      +---6---+---7-|---+---8 Map and Cross Reference
1346 000343          *EXEC CICS
1347 000344          *      XCTL PROGRAM('UUMENAAB')
1348 000345          *END-EXEC
1349 000346          1          Call 'DFHEI1' using by content
      x'0e0480000700000200f0
1350 000347          1          - 'f0f1f1f0404040' by content 'UUMENAAB' end-call
1351 000348
1352 000349          *
1353 000350          WHEN EIBAIID = DFHENTER
1354 000351          1          PERFORM 1000-DISPLAY-SELECTED-CUSTOMER
1355 000352          *
1356 000353          WHEN EIBAIID = DFHPPF5
1357 000354          1          PERFORM 2000-DISPLAY-FIRST-CUSTOMER
1358 000355          *
1359 000356          WHEN EIBAIID = DFHPPF6
1360 000357          1          PERFORM 3000-DISPLAY-LAST-CUSTOMER
1361 000358          *
1362 000359          WHEN EIBAIID = DFHPPF7
1363 000360          1          PERFORM 4000-DISPLAY-PREV-CUSTOMER
1364 000361          *
1365 000362          WHEN EIBAIID = DFHPPF8
1366 000363          1          PERFORM 5000-DISPLAY-NEXT-CUSTOMER
1367 000364          *
1368 000365          WHEN OTHER
1369 000366          1          MOVE LOW-VALUE TO INQMAABO
1370 000367          1          MOVE 'Invalid key pressed.' TO MESSAGEO
1371 000368          1          SET SEND-DATAONLY-ALARM TO TRUE
1372 000369          1          PERFORM 1500-SEND-INQUIRY-MAP
1373 000370          *
1374 000371          END-EVALUATE.
1375 000372          *
1376 000373          *EXEC CICS
1377 000374          *      RETURN TRANSID('IAAB')
1378 000375          *          COMMAREA(COMMUNICATION-AREA)

```



```

1379 000376          *END-EXEC.
1380 000377          Move length of COMMUNICATION-AREA to dfhb0020
1381 000378          Call 'DFHEI1' using by content
      x'0e08e0000700001000f0f0f1f3f7
1382 000379          - '404040' by content 'IAAB' by reference
      COMMUNICATION-AREA by
1383 000380          reference dfhb0020 end-call.
1384 000381          *
1385 000382          1000-DISPLAY-SELECTED-CUSTOMER.
1386 000383          *
1387 000384          PERFORM 1100-RECEIVE-INQUIRY-MAP.
1388 000385          PERFORM 1200-EDIT-CUSTOMER-NUMBER.
1389 000386          IF VALID-DATA
1390 000387          1          PERFORM 1300-READ-CUSTOMER-RECORD
1391 000388          1          IF CUSTOMER-FOUND
1392 000389          2          SET DISPLAY-NEW-CUSTOMER TO TRUE
1393 000390          2          PERFORM 1400-DISPLAY-INQUIRY-RESULTS
1394 000391          2          MOVE CM-CUSTOMER-NUMBER TO
      CA-CUSTOMER-NUMBER
1395 000392          1          ELSE
1396 000393          2          SET DISPLAY-SPACES TO TRUE
1397 000394          2          PERFORM 1400-DISPLAY-INQUIRY-RESULTS
1398 000395          1          END-IF
1399 000396          ELSE
1400 000397          1          SET DISPLAY-LOW-VALUES TO TRUE
1401 000398          1          PERFORM 1400-DISPLAY-INQUIRY-RESULTS
1402 000399          END-IF.
1403 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.2.0 P190107          CMINQAAB Date
      04/01/2021 Time 23:17:52 Page 10
1404 LineID PL SL -----*A-1-B---+-----2-----+-----3-----+-----4-----+-----5-----
      +-----6-----+-----7-|---+-----8 Map and Cross Reference
1405 000400          *
1406 000401          1100-RECEIVE-INQUIRY-MAP.
1407 000402
1408 000403          *
1409 000404          *EXEC CICS
1410 000405          *      RECEIVE MAP('INQMAAB')
1411 000406          *      MAPSET('INQSAAB')
1412 000407          *      INTO(INQMAABI)
1413 000408          *END-EXEC.
1414 000409          Call 'DFHEI1' using by content
      x'1802d00007000000000509000000
1415 000410          - '20f0f0f1f6f4404040' by content 'INQMAAB' by
      reference
1416 000411          INQMAABI by content x'0000' by content 'INQSAAB'
      end-call.
1417 000412

```

```

1418 000413
1419 000414 *
1420 000415 INSPECT INQMAABI
1421 000416 REPLACING ALL '_' BY SPACE.
1422 000417 *
1423 000418 1200-EDIT-CUSTOMER-NUMBER.
1424 000419 *
1425 000420 IF CUSTNOL = ZERO
1426 000421 OR CUSTNOI = SPACE
1427 000422 1 MOVE 'N' TO VALID-DATA-SW
1428 000423 1 MOVE 'You must enter a customer number.' TO
MESSAGEO
1429 000424 END-IF.
1430 000425 *
1431 000426 1300-READ-CUSTOMER-RECORD.
1432 000427 *
1433 000428 *EXEC CICS
1434 000429 * INQUIRE FILE('CMFAAB')
1435 000430 * OPENSTATUS(CMF-OPEN-STATUS)
1436 000431 * ENABLESTATUS(CMF-ENABLE-STATUS)
1437 000432 *END-EXEC
1438 000433 Call 'DFHEI1' using by content
x'4c028006078006000000000000f0
1439 000434 - 'f0f1f8f3404040' by content 'CMFAAB ' by content
x'0000' by
content x'0000' by content x'0000' by content
1440 000435 x'0000' by
content x'0000' by content x'0000' by content
1441 000436 x'0000' by
content x'0000' by content x'0000' by content
1442 000437 x'0000' by
content x'0000' by content x'0000' by reference
1443 000438 content x'0000' by content x'0000' by reference
1444 000439 CMF-OPEN-STATUS by reference CMF-ENABLE-STATUS
end-call
1445 000440
1446 000441 * DFHVALUE(CLOSED) = 19 INSERTED
BY TRANSLATOR
1447 000442 IF CMF-OPEN-STATUS = 19
1448 000443 *EXEC CICS
1449 000444 * SET FILE('CMFAAB') OPEN
1450 000445 *END-EXEC
1451 000446 1 Call 'DFHEI1' using by content
x'4c0480000780000000000008
1452 000447 1 - '000f0f0f1f8f9404040' by content 'CMFAAB '
end-call
1453 000448
1454 000449 1 MOVE 'Y' TO CMF-OPEN

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```

1455 000450                                END-IF
1456 000451
1457 000452                                *EXEC CICS
1458 000453                                *   READ FILE('CMFAAB')
1459 000454                                *           INTO(CUSTOMER-MASTER-RECORD)
1460 000455                                *           RIDFLD(CUSTNOI)
1461 000456                                *           RESP(RESPONSE-CODE)
1462 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.2.0 P190107          CMINQAAB  Date
      04/01/2021 Time 23:17:52 Page 11
1463 LineID  PL SL  ----+--*A-1-B---+----2----+----3----+----4----+----5----
      +----6----+----7-|-+----8 Map and Cross Reference
1464 000457                                *END-EXEC.
1465 000458                                Move length of CUSTOMER-MASTER-RECORD to dfhb0020
1466 000459                                Call 'DFHEI1' using by content
      x'0602f0002700008000f0f0f1f9f5
1467 000460                                -   '404040' by content 'CMFAAB ' by reference
1468 000461                                CUSTOMER-MASTER-RECORD by reference dfhb0020 by
      reference
1469 000462                                CUSTNOI end-call      Move eibresp to
      RESPONSE-CODE.
1470 000463
1471 000464                                *
1472 000465                                * DFHRESP(NOTFND) = 13                                INSERTED
      BY TRANSLATOR
1473 000466                                IF RESPONSE-CODE = 13
1474 000467                                1      MOVE 'N' TO CUSTOMER-FOUND-SW
1475 000468                                1      MOVE 'That customer does not exist.' TO
      MESSAGE0
1476 000469                                ELSE
1477 000470                                * DFHRESP(NORMAL) = 0                                INSERTED
      BY TRANSLATOR
1478 000471                                1      IF RESPONSE-CODE NOT = 0
1479 000472                                2      PERFORM 9999-TERMINATE-PROGRAM
1480 000473                                1      END-IF
1481 000474                                END-IF.
1482 000475                                *
1483 000476                                1400-DISPLAY-INQUIRY-RESULTS.
1484 000477                                *
1485 000478                                IF DISPLAY-NEW-CUSTOMER
1486 000479                                1      MOVE CM-CUSTOMER-NUMBER TO CUSTNO0
1487 000480                                1      MOVE CM-LAST-NAME      TO LNAME0
1488 000481                                1      MOVE CM-FIRST-NAME     TO FNAME0
1489 000482                                1      MOVE CM-ADDRESS        TO ADDR0
1490 000483                                1      MOVE CM-CITY           TO CITY0
1491 000484                                1      MOVE CM-STATE          TO STATE0
1492 000485                                1      MOVE CM-ZIP-CODE       TO ZIPCODE0
1493 000486                                1      MOVE SPACE            TO MESSAGE0

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1494 000487      1          SET SEND-DATAONLY      TO TRUE
1495 000488          ELSE
1496 000489      1          IF DISPLAY-SPACES
1497 000490      2              MOVE LOW-VALUE TO CUSTNOO
1498 000491      2              MOVE SPACE      TO LNAMEO
1499 000492      2                      FNAMEO
1500 000493      2                      ADDRO
1501 000494      2                      CITYO
1502 000495      2                      STATEO
1503 000496      2                      ZIPCODEO
1504 000497      2              SET SEND-DATAONLY-ALARM TO TRUE
1505 000498      1          ELSE
1506 000499      2              IF DISPLAY-LOW-VALUES
1507 000500      3                  SET SEND-DATAONLY-ALARM TO TRUE
1508 000501      2              END-IF
1509 000502      1          END-IF
1510 000503          END-IF.
1511 000504          *
1512 000505          PERFORM 1500-SEND-INQUIRY-MAP.
1513 000506          *
1514 000507          1500-SEND-INQUIRY-MAP.
1515 000508          *
1516 000509          MOVE 'IAAB' TO TRANIDO.
1517 000510          *
1518 000511          EVALUATE TRUE
1519 000512          WHEN SEND-ERASE
1520 000513          *EXEC CICS
1521 PP 5655-EC6 IBM Enterprise COBOL for z/OS  6.2.0 P190107      CMINQAAB  Date
      04/01/2021 Time 23:17:52 Page  12
1522 LineID  PL SL  ----+--*A-1-B---+-----2-----+-----3-----+-----4-----+-----5-----
      +-----6-----+-----7-|-+-----8 Map and Cross Reference
1523 000514          *      SEND MAP('INQMAAB')
1524 000515          *      MAPSET('INQSAAB')
1525 000516          *      FROM(INQMAABO)
1526 000517          *      ERASE
1527 000518          *END-EXEC
1528 000519      1          Move length of INQMAABO to dfhb0020
1529 000520      1          Call 'DFHEI1' using by content
      x'1804f000070000000005
1530 000521      1          -      'e204000020f0f0f2f4f8404040' by content 'INQMAAB'
      by
1531 000522      1          reference INQMAABO by reference dfhb0020 by
      content 'INQSAAB'
1532 000523      1          end-call
1533 000524
1534 000525          WHEN SEND-DATAONLY
1535 000526          *EXEC CICS

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CMINQAAB:JOB01655.spool

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1536 000527      *      SEND MAP('INQMAAB')
1537 000528      *      MAPSET('INQSAAB')
1538 000529      *      FROM(INQMAABO)
1539 000530      *      DATAONLY
1540 000531      *END-EXEC
1541 000532      1      Move length of INQMAABO to dfhb0020
1542 000533      1      Call 'DFHEI1' using by content
      x'1804f000070000000005
1543 000534      1      -      '2004000020f0f0f2f5f5404040' by content 'INQMAAB'
      by
1544 000535      1      reference INQMAABO by reference dfhb0020 by
      content 'INQSAAB'
1545 000536      1      end-call
1546 000537
1547 000538      WHEN SEND-DATAONLY-ALARM
1548 000539      *EXEC CICS
1549 000540      *      SEND MAP('INQMAAB')
1550 000541      *      MAPSET('INQSAAB')
1551 000542      *      FROM(INQMAABO)
1552 000543      *      DATAONLY
1553 000544      *      ALARM
1554 000545      *END-EXEC
1555 000546      1      Move length of INQMAABO to dfhb0020
1556 000547      1      Call 'DFHEI1' using by content
      x'1804f0000700c400000d
1557 000548      1      -      '2004000020f0f0f2f6f2404040' by content 'INQMAAB'
      by
1558 000549      1      reference INQMAABO by reference dfhb0020 by
      content 'INQSAAB'
1559 000550      1      end-call
1560 000551
1561 000552
1562 000553      END-EVALUATE.
1563 000554      *
1564 000555      2000-DISPLAY-FIRST-CUSTOMER.
1565 000556      *
1566 000557      MOVE LOW-VALUE TO CM-CUSTOMER-NUMBER
1567 000558      INQMAABO.
1568 000559      PERFORM 2100-START-CUSTOMER-BROWSE.
1569 000560      IF CUSTOMER-FOUND
1570 000561      1      PERFORM 2200-READ-NEXT-CUSTOMER
1571 000562      END-IF.
1572 000563      PERFORM 2300-END-CUSTOMER-BROWSE.
1573 000564      IF CUSTOMER-FOUND
1574 000565      1      SET DISPLAY-NEW-CUSTOMER TO TRUE
1575 000566      1      PERFORM 1400-DISPLAY-INQUIRY-RESULTS
1576 000567      1      MOVE CM-CUSTOMER-NUMBER TO CA-CUSTOMER-NUMBER

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1577 000568                                ELSE
1578 000569          1                      SET DISPLAY-SPACES TO TRUE
1579 000570          1                      PERFORM 1400-DISPLAY-INQUIRY-RESULTS
1580 PP 5655-EC6 IBM Enterprise COBOL for z/OS  6.2.0 P190107          CMINQAAB  Date
      04/01/2021 Time 23:17:52 Page 13
1581 LineID PL SL  ----+---*A-1-B---+---2---+---3---+---4---+---5---
      +---6---+---7-|---+---8 Map and Cross Reference
1582 000571                                END-IF.
1583 000572                                *
1584 000573                                2100-START-CUSTOMER-BROWSE.
1585 000574                                *
1586 000575                                *EXEC CICS
1587 000576                                *      INQUIRE FILE('CMFAAB')
1588 000577                                *      OPENSTATUS(CMF-OPEN-STATUS)
1589 000578                                *      ENABLESTATUS(CMF-ENABLE-STATUS)
1590 000579                                *END-EXEC
1591 000580                                Call 'DFHEI1' using by content
      x'4c02800607800600000000000000f0
1592 000581                                -      'f0f2f9f1404040' by content 'CMFAAB ' by content
      x'0000' by
1593 000582                                content x'0000' by content x'0000' by content
      x'0000' by
1594 000583                                content x'0000' by content x'0000' by content
      x'0000' by
1595 000584                                content x'0000' by content x'0000' by content
      x'0000' by
1596 000585                                content x'0000' by content x'0000' by reference
1597 000586                                CMF-OPEN-STATUS by reference CMF-ENABLE-STATUS
      end-call
1598 000587
1599 000588                                * DFHVALUE(CLOSED) = 19                                INSERTED
      BY TRANSLATOR
1600 000589                                IF CMF-OPEN-STATUS = 19
1601 000590                                *EXEC CICS
1602 000591                                *      SET FILE('CMFAAB') OPEN
1603 000592                                *END-EXEC
1604 000593          1                      Call 'DFHEI1' using by content
      x'4c048000078000000000000008
1605 000594          1                      -      '000f0f0f2f9f7404040' by content 'CMFAAB '
      end-call
1606 000595
1607 000596          1                      MOVE 'Y' TO CMF-OPEN
1608 000597                                END-IF
1609 000598
1610 000599                                *EXEC CICS
1611 000600                                *      STARTBR FILE('CMFAAB')
1612 000601                                *      RIDFLD(CM-CUSTOMER-NUMBER)

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1613 000602          *          RESP(RESPONSE-CODE)
1614 000603          *END-EXEC.
1615 000604          Call 'DFHEI1' using by content
      x'060cb000270020a000f0f0f3f0f3
1616 000605          -      '404040' by content 'CMFAAB ' by content x'0000'
      by content
1617 000606          x'0000' by reference CM-CUSTOMER-NUMBER end-call
1618 000607          Move eibresp to RESPONSE-CODE.
1619 000608
1620 000609          *
1621 000610          * DFHRESP(NORMAL) = 0                                INSERTED
      BY TRANSLATOR
1622 000611          IF RESPONSE-CODE = 0
1623 000612          1          MOVE 'Y' TO CUSTOMER-FOUND-SW
1624 000613          1          MOVE SPACE TO MESSAGEO
1625 000614          ELSE
1626 000615          * DFHRESP(NOTFND) = 13                                INSERTED
      BY TRANSLATOR
1627 000616          1          IF RESPONSE-CODE = 13
1628 000617          2          MOVE 'N' TO CUSTOMER-FOUND-SW
1629 000618          2          MOVE 'There are no customers in the
      file.'
1630 000619          2          TO MESSAGEO
1631 000620          1          ELSE
1632 000621          2          PERFORM 9999-TERMINATE-PROGRAM
1633 000622          1          END-IF
1634 000623          END-IF.
1635 000624          *
1636 000625          2200-READ-NEXT-CUSTOMER.
1637 000626          *
1638 000627          *EXEC CICS
1639 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.2.0 P190107          CMINQAAB Date
      04/01/2021 Time 23:17:52 Page 14
1640 LineID PL SL ----+*A-1-B--+----2----+----3----+----4----+----5----
      +----6----+----7-|-+-----8 Map and Cross Reference
1641 000628          *          INQUIRE FILE('CMFAAB')
1642 000629          *          OPENSTATUS(CMF-OPEN-STATUS)
1643 000630          *          ENABLESTATUS(CMF-ENABLE-STATUS)
1644 000631          *END-EXEC
1645 000632          Call 'DFHEI1' using by content
      x'4c02800607800600000000000000f0
1646 000633          -      'f0f3f2f4404040' by content 'CMFAAB ' by content
      x'0000' by
1647 000634          content x'0000' by content x'0000' by content
      x'0000' by
1648 000635          content x'0000' by content x'0000' by content
      x'0000' by

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1649 000636                      content x'0000' by content x'0000' by content
      x'0000' by
1650 000637                      content x'0000' by content x'0000' by reference
1651 000638                      CMF-OPEN-STATUS by reference CMF-ENABLE-STATUS
      end-call
1652 000639
1653 000640                      * DFHVALUE(CLOSED) = 19                      INSERTED
      BY TRANSLATOR
1654 000641                      IF CMF-OPEN-STATUS = 19
1655 000642                      *EXEC CICS
1656 000643                      *      SET FILE('CMFAAB') OPEN
1657 000644                      *END-EXEC
1658 000645                      1                      Call 'DFHEI1' using by content
      x'4c0480000780000000000008
1659 000646                      1                      - '000f0f0f3f3f0404040' by content 'CMFAAB '
      end-call
1660 000647
1661 000648                      1                      MOVE 'Y' TO CMF-OPEN
1662 000649                      END-IF
1663 000650
1664 000651                      *EXEC CICS
1665 000652                      *      READNEXT FILE('CMFAAB')
1666 000653                      *                      INTO(CUSTOMER-MASTER-RECORD)
1667 000654                      *                      RIDFLD(CM-CUSTOMER-NUMBER)
1668 000655                      *                      RESP(RESPONSE-CODE)
1669 000656                      *END-EXEC.
1670 000657                      Move length of CUSTOMER-MASTER-RECORD to dfhb0020
1671 000658                      Call 'DFHEI1' using by content
      x'060ef400270000b000f0f0f3f3f6
1672 000659                      - '404040' by content 'CMFAAB ' by reference
1673 000660                      CUSTOMER-MASTER-RECORD by reference dfhb0020 by
      reference
1674 000661                      CM-CUSTOMER-NUMBER by content x'0000' by content
      x'0000'
1675 000662                      end-call                      Move eibresp to
      RESPONSE-CODE.
1676 000663                      *
1677 000664                      EVALUATE RESPONSE-CODE
1678 000665                      * DFHRESP(NORMAL) = 0                      INSERTED
      BY TRANSLATOR
1679 000666                      WHEN 0
1680 000667                      1                      MOVE 'Y' TO CUSTOMER-FOUND-SW
1681 000668                      * DFHRESP(ENDFILE) = 20                      INSERTED
      BY TRANSLATOR
1682 000669                      WHEN 20
1683 000670                      1                      MOVE 'N' TO CUSTOMER-FOUND-SW
1684 000671                      1                      MOVE 'There are no more records in the

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file.'
1685 000672      1          TO MESSAGEO
1686 000673          WHEN OTHER
1687 000674      1          PERFORM 9999-TERMINATE-PROGRAM
1688 000675          END-EVALUATE.
1689 000676      *
1690 000677          2300-END-CUSTOMER-BROWSE.
1691 000678      *
1692 000679
1693 000680      *EXEC CICS
1694 000681      *      ENDBR FILE('CMFAAB')
1695 000682      *          RESP(RESPONSE-CODE)
1696 000683      *END-EXEC.
1697 000684          Call 'DFHEI1' using by content
x'0612a0002700001100f0f0f3f5f7
1698 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.2.0 P190107      CMINQAAB  Date
04/01/2021  Time 23:17:52  Page 15
1699 LineID  PL SL  ----+---*A-1-B---+---2---+---3---+---4---+---5---
+---6---+---7-|-+---8 Map and Cross Reference
1700 000685      -      '404040' by content 'CMFAAB ' by content x'0000'
by content
1701 000686          x'0000' end-call
1702 000687          Move eibresp to RESPONSE-CODE.
1703 000688      *
1704 000689      * DFHRESP(NORMAL) = 0      INSERTED
BY TRANSLATOR
1705 000690          IF RESPONSE-CODE NOT = 0
1706 000691      1          PERFORM 9999-TERMINATE-PROGRAM
1707 000692          END-IF.
1708 000693      *
1709 000694          2500-SEND-TERMINATION-MESSAGE.
1710 000695      *
1711 000696      *EXEC CICS
1712 000697      *      SEND TEXT FROM(END-OF-SESSION-MESSAGE)
1713 000698      *          ERASE
1714 000699      *          FREEKB
1715 000700      *END-EXEC.
1716 000701          Move length of END-OF-SESSION-MESSAGE to
dfhb0020
1717 000702          Call 'DFHEI1' using by content
x'180660000700c200000822040
1718 000703      -      '00020f0f0f3f6f8404040' by content x'0000' by
reference
1719 000704          END-OF-SESSION-MESSAGE by reference dfhb0020
end-call.
1720 000705
1721 000706      *

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1722 000707
1723 000708          3000-DISPLAY-LAST-CUSTOMER.
1724 000709          *
1725 000710          MOVE HIGH-VALUE TO CM-CUSTOMER-NUMBER.
1726 000711          MOVE LOW-VALUE TO INQMAABO.
1727 000712          PERFORM 2100-START-CUSTOMER-BROWSE.
1728 000713          IF CUSTOMER-FOUND
1729 000714          1          PERFORM 3100-READ-PREV-CUSTOMER
1730 000715          END-IF.
1731 000716          PERFORM 2300-END-CUSTOMER-BROWSE.
1732 000717          IF CUSTOMER-FOUND
1733 000718          1          SET DISPLAY-NEW-CUSTOMER TO TRUE
1734 000719          1          PERFORM 1400-DISPLAY-INQUIRY-RESULTS
1735 000720          1          MOVE CM-CUSTOMER-NUMBER TO CA-CUSTOMER-NUMBER
1736 000721          ELSE
1737 000722          1          SET DISPLAY-SPACES TO TRUE
1738 000723          1          PERFORM 1400-DISPLAY-INQUIRY-RESULTS
1739 000724          END-IF.
1740 000725          *
1741 000726          3100-READ-PREV-CUSTOMER.
1742 000727          *
1743 000728          *EXEC CICS
1744 000729          *      READPREV FILE('CMFAAB')
1745 000730          *          INTO(CUSTOMER-MASTER-RECORD)
1746 000731          *          RIDFLD(CM-CUSTOMER-NUMBER)
1747 000732          *          RESP(RESPONSE-CODE)
1748 000733          *END-EXEC.
1749 000734          Move length of CUSTOMER-MASTER-RECORD to dfhb0020
1750 000735          Call 'DFHEI1' using by content
1751 000736          x'0610f400270000b400f0f0f3f9f5
1752 000737          - '404040' by content 'CMFAAB' by reference
1753 000738          CUSTOMER-MASTER-RECORD by reference dfhb0020 by
1754 000739          reference
1755 000740          CM-CUSTOMER-NUMBER by content x'0000' by content
1756 000741          x'0000'
1757 000742          end-call          Move eibresp to
1758 000743          RESPONSE-CODE.
1759 000744          *
1760 000745          EVALUATE RESPONSE-CODE
1761 000746          WHEN 0
1762 000747          1          MOVE 'Y' TO CUSTOMER-FOUND-SW

```

1762	000745		* DFHRESP(ENDFILE) = 20	INSERTED
	BY TRANSLATOR			
1763	000746		WHEN 20	
1764	000747	1	MOVE 'N' TO CUSTOMER-FOUND-SW	
1765	000748	1	MOVE 'There are no more records in the	
	file.'			
1766	000749	1	TO MESSAGEO	
1767	000750		WHEN OTHER	
1768	000751	1	PERFORM 9999-TERMINATE-PROGRAM	
1769	000752		END-EVALUATE.	
1770	000753		*	
1771	000754		4000-DISPLAY-PREV-CUSTOMER.	
1772	000755		*	
1773	000756		MOVE CA-CUSTOMER-NUMBER TO CM-CUSTOMER-NUMBER.	
1774	000757		MOVE LOW-VALUE TO INQMAABO.	
1775	000758		PERFORM 2100-START-CUSTOMER-BROWSE.	
1776	000759		IF CUSTOMER-FOUND	
1777	000760	1	PERFORM 2200-READ-NEXT-CUSTOMER	
1778	000761	1	PERFORM 3100-READ-PREV-CUSTOMER	
1779	000762	1	PERFORM 3100-READ-PREV-CUSTOMER	
1780	000763		END-IF.	
1781	000764		PERFORM 2300-END-CUSTOMER-BROWSE.	
1782	000765		IF CUSTOMER-FOUND	
1783	000766	1	SET DISPLAY-NEW-CUSTOMER TO TRUE	
1784	000767	1	PERFORM 1400-DISPLAY-INQUIRY-RESULTS	
1785	000768	1	MOVE CM-CUSTOMER-NUMBER TO CA-CUSTOMER-NUMBER	
1786	000769		ELSE	
1787	000770	1	SET DISPLAY-LOW-VALUES TO TRUE	
1788	000771	1	PERFORM 1400-DISPLAY-INQUIRY-RESULTS	
1789	000772		END-IF.	
1790	000773		*	
1791	000774		5000-DISPLAY-NEXT-CUSTOMER.	
1792	000775		*	
1793	000776		MOVE CA-CUSTOMER-NUMBER TO CM-CUSTOMER-NUMBER.	
1794	000777		MOVE LOW-VALUE TO INQMAABO.	
1795	000778		PERFORM 2100-START-CUSTOMER-BROWSE.	
1796	000779		IF CUSTOMER-FOUND	
1797	000780	1	PERFORM 2200-READ-NEXT-CUSTOMER	
1798	000781	1	PERFORM 2200-READ-NEXT-CUSTOMER	
1799	000782		END-IF.	
1800	000783		PERFORM 2300-END-CUSTOMER-BROWSE.	
1801	000784		IF CUSTOMER-FOUND	
1802	000785	1	SET DISPLAY-NEW-CUSTOMER TO TRUE	
1803	000786	1	PERFORM 1400-DISPLAY-INQUIRY-RESULTS	
1804	000787	1	MOVE CM-CUSTOMER-NUMBER TO CA-CUSTOMER-NUMBER	
1805	000788		ELSE	
1806	000789	1	SET DISPLAY-LOW-VALUES TO TRUE	

```

1807 000790      1          PERFORM 1400-DISPLAY-INQUIRY-RESULTS
1808 000791          END-IF.
1809 000792          *
1810 000793
1811 000794          6000-OPEN-CUSTOMER-FILE.
1812 000795
1813 000796          *EXEC CICS
1814 000797          *      INQUIRE FILE('CMFAAB')
1815 000798          *      OPENSTATUS(CMF-OPEN-STATUS)
1816 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.2.0 P190107      CMINQAAB  Date
      04/01/2021 Time 23:17:52 Page 17
1817 LineID PL SL ----+*A-1-B---+----2----+----3----+----4----+----5----
      +----6----+----7-|---+----8 Map and Cross Reference
1818 000799          *      ENABLESTATUS(CMF-ENABLE-STATUS)
1819 000800          *END-EXEC
1820 000801          Call 'DFHEI1' using by content
      x'4c028006078006000000000000f0
1821 000802          -      'f0f4f5f5404040' by content 'CMFAAB ' by content
      x'0000' by
1822 000803          content x'0000' by content x'0000' by content
      x'0000' by
1823 000804          content x'0000' by content x'0000' by content
      x'0000' by
1824 000805          content x'0000' by content x'0000' by content
      x'0000' by
1825 000806          content x'0000' by content x'0000' by reference
1826 000807          CMF-OPEN-STATUS by reference CMF-ENABLE-STATUS
      end-call
1827 000808
1828 000809          * DFHVALUE(CLOSED) = 19          INSERTED
      BY TRANSLATOR
1829 000810          IF CMF-OPEN-STATUS = 19
1830 000811          *EXEC CICS
1831 000812          *      SET FILE('CMFAAB') OPEN
1832 000813          *END-EXEC
1833 000814      1          Call 'DFHEI1' using by content
      x'4c0480000780000000000008
1834 000815      1          -      '000f0f0f4f6f1404040' by content 'CMFAAB '
      end-call
1835 000816
1836 000817      1          MOVE 'Y' TO CMF-OPEN
1837 000818          END-IF.
1838 000819
1839 000820          6500-CLOSE-CUSTOMER-FILE.
1840 000821
1841 000822          *EXEC CICS
1842 000823          *      INQUIRE FILE('CMFAAB')

```

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```

1843 000824      *      OPENSTATUS(CMF-OPEN-STATUS)
1844 000825      *      ENABLESTATUS(CMF-ENABLE-STATUS)
1845 000826      *END-EXEC
1846 000827      Call 'DFHEI1' using by content
      x'4c028006078006000000000000f0
1847 000828      -      'f0f4f6f9404040' by content 'CMFAAB ' by content
      x'0000' by
1848 000829      content x'0000' by content x'0000' by content
      x'0000' by
1849 000830      content x'0000' by content x'0000' by content
      x'0000' by
1850 000831      content x'0000' by content x'0000' by content
      x'0000' by
1851 000832      content x'0000' by content x'0000' by reference
1852 000833      CMF-OPEN-STATUS by reference CMF-ENABLE-STATUS
      end-call
1853 000834
1854 000835
1855 000836      * DFHVALUE(OPEN) = 18                      INSERTED
      BY TRANSLATOR
1856 000837      IF CMF-OPEN-STATUS = 18
1857 000838      *EXEC CICS
1858 000839      *      SET FILE('CMFAAB') CLOSED
1859 000840      *END-EXEC
1860 000841      1      Call 'DFHEI1' using by content
      x'4c0480000780000000000004
1861 000842      1      -      '000f0f0f4f7f6404040' by content 'CMFAAB '
      end-call
1862 000843
1863 000844      1      MOVE 'N' TO CMF-OPEN
1864 000845      END-IF.
1865 000846
1866 000847      *
1867 000848
1868 000849
1869 000850      9999-TERMINATE-PROGRAM.
1870 000851      *
1871 000852      MOVE EIBRESP TO ERR-RESP.
1872 000853      MOVE EIBRESP2 TO ERR-RESP2.
1873 000854      MOVE EIBTRNID TO ERR-TRNID.
1874 000855      MOVE EIBRSRCE TO ERR-RSRCE.
1875 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.2.0 P190107      CMINQAAB      Date
      04/01/2021 Time 23:17:52 Page 18
1876 LineID PL SL -----*A-1-B-+-----2-----3-----4-----5-----
      +-----6-----7-|-+-----8 Map and Cross Reference
1877 000856      *
1878 000857      *EXEC CICS

```

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```

1879 000858          *    XCTL PROGRAM('SYSERR')
1880 000859          *          COMMAREA(ERROR-PARAMETERS)
1881 000860          *END-EXEC.
1882 000861          Move length of ERROR-PARAMETERS to dfhb0020
1883 000862          Call 'DFHEI1' using by content
      x'0e04e0000700000200f0f0f4f9f2
1884 000863          -    '404040' by content 'SYSERR ' by reference
      ERROR-PARAMETERS
1885 000864          by reference dfhb0020 end-call.
1886 PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.2.0 P190107      CMINQAAB  Date
      04/01/2021 Time 23:17:52 Page 19
1887 LineID Message code Message text
1888
1889          IGYDS0139-W Diagnostic messages were issued during processing of
      compiler options. These messages are located at the
1890          beginning of the listing.
1891 Messages      Total      Informational      Warning      Error      Severe
      Terminating
1892 Printed:      3          1          2
1893 * Statistics for COBOL program CMINQAAB:
1894 *      Source records = 864
1895 *      Data Division statements = 172
1896 *      Procedure Division statements = 191
1897 *      Generated COBOL statements = 0
1898 *      Program complexity factor = 196
1899 End of compilation 1, program CMINQAAB, highest severity 4.
1900 Return code 4
1901 DATA SET UTILITY - GENERATE
      PAGE 0001
1902
1903 PROCESSING ENDED AT EOD
1904 z/OS V2 R3 BINDER      23:17:54 THURSDAY APRIL 1, 2021
1905 BATCH EMULATOR JOB(CMINQAAB) STEP(COMPLI ) PGM= IEWL      PROCEDURE(LKED
      )
1906 IEW2278I B352 INVOCATION PARAMETERS - LIST,XREF,MAP
1907 IEW2322I 1220 1      INCLUDE SYSLIB(DFHECI)
1908
1909          *** M O D U L E M A P ***
1910
1911 -----
1912 CLASS C_CODE          LENGTH =      2758  ATTRIBUTES = CAT,  LOAD,
      RMODE=ANY
1913          OFFSET =      0 IN SEGMENT 001      ALIGN = DBLWORD
1914 -----
1915
1916 SECTION      CLASS          ----- SOURCE
      -----

```

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1917	OFFSET	OFFSET	NAME	TYPE	LENGTH	DDNAME	SEQ	MEMBER
1918								
1919		0	CMINQAAB	CSECT	2758	SYSLIN	02	**NULL**
1920	0	0	CMINQAAB#C	LABEL				
1921	0	0	CMINQAAB	LABEL				
1922								
1923	-----							
1924	CLASS B_TEXT		LENGTH =	C3A	ATTRIBUTES = CAT,		LOAD,	
	RMODE=ANY							
1925			OFFSET =	2758	IN SEGMENT 001		ALIGN = DBLWORD	
1926	-----							
1927								
1928	SECTION	CLASS				-----	SOURCE	

1929	OFFSET	OFFSET	NAME	TYPE	LENGTH	DDNAME	SEQ	MEMBER
1930								
1931		0	DFHECI	CSECT	20	SYSLIB	02	DFHECI
1932	8	8	DFHEI1	LABEL				
1933	8	8	DLZEI01	LABEL				
1934	8	8	DLZEI02	LABEL				
1935	8	8	DLZEI03	LABEL				
1936	8	8	DLZEI04	LABEL				
1937								
1938		20	IGZXBS61	* CSECT	10	SYSLIB	03	IGZXBS61
1939								
1940		30	CEESG004	* CSECT	34	SYSLIB	03	CEESG004
1941								
1942		68	IGZXRT1	* CSECT	12	SYSLIB	03	IGZXRT1
1943								
1944		80	IGZXVMO	* CSECT	12	SYSLIB	03	IGZXVMO
1945								
1946		98	IGZXCMSG	* CSECT	12	SYSLIB	03	IGZXCMSG
1947								
1948		B0	IGZXPRS	* CSECT	12	SYSLIB	03	IGZXPRS
1949								
1950		C8	IGZXBST3	* CSECT	4E0	SYSLIB	03	IGZXBST3
1951								
1952		5A8	CEEBETBL	* CSECT	28	SYSLIB	03	CEEBETBL
1953								
1954		5D0	CEESTART	* CSECT	B0	SYSLIB	03	CEESTART
1955								
1956		680	CEEBPUBT	* CSECT	70	SYSLIB	03	CEEBPUBT
1957								
1958		6F0	CEEBTRM	* CSECT	A4	SYSLIB	03	CEEBTRM
1959								
1960		798	CEEBLLST	* CSECT	5C	SYSLIB	03	CEEBLLST
1961	10	7A8	CEELLIST	LABEL				

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```

1962
1963          7F8 CEEBINT          * CSECT          8 SYSLIB      03 CEEBINT
1964
1965          800 CEEARLU          * CSECT          B8 SYSLIB      03 CEEARLU
1966
1967          8B8 CEEBPIRA          * CSECT          2A0 SYSLIB      03 CEEINT
1968      0      8B8      CEEINT          LABEL
1969          *** M O D U L E M A P ***
1970
1971 SECTION      CLASS                      ----- SOURCE
      -----
1972  OFFSET      OFFSET  NAME                      TYPE      LENGTH  DDNAME      SEQ  MEMBER
1973
1974      0      8B8      CEEBPIRB                      LABEL
1975      0      8B8      CEEBPIRC                      LABEL
1976
1977          B58 CEECPYRT          * CSECT          E2 SYSLIB      03 CEEINT
1978          *** M O D U L E M A P ***
1979
1980 -----
1981 CLASS  C_@@PPA2          LENGTH =          8  ATTRIBUTES = MRG,      LOAD,
      RMODE=ANY
1982          OFFSET =          3398 IN SEGMENT 001      ALIGN = DBLWORD
1983 -----
1984
1985          CLASS
1986          OFFSET  NAME                      TYPE      LENGTH  SECTION
1987          0      $PRIV000010          PART          8  CMINQAAB
1988
1989 -----
1990 CLASS  C_@@CSINIT          LENGTH =          4  ATTRIBUTES = MRG,      LOAD,
      RMODE=ANY
1991          OFFSET =          33A0 IN SEGMENT 001      ALIGN = DBLWORD
1992 -----
1993
1994          CLASS
1995          OFFSET  NAME                      TYPE      LENGTH  SECTION
1996          0      $PRIV000011          PART          4  CMINQAAB
1997
1998 -----
1999 CLASS  B_LIT          LENGTH =          100  ATTRIBUTES = CAT,      LOAD,
      RMODE=ANY
2000          OFFSET =          33A8 IN SEGMENT 001      ALIGN = DBLWORD
2001 -----
2002
2003 SECTION      CLASS                      ----- SOURCE
      -----

```

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```

2004 OFFSET    OFFSET  NAME                TYPE      LENGTH  DDNAME    SEQ  MEMBER
2005
2006          0      0  IEWBLIT              CSECT      100                **NULL**
2007          0      0    IEWBLIT              LABEL
2008
2009 -----
2010 CLASS  C_WSA                LENGTH =      D0  ATTRIBUTES = MRG, DEFER ,
      RMODE=ANY
2011                OFFSET =      0 IN SEGMENT 002      ALIGN = DBLWORD
2012 -----
2013
2014          CLASS
2015          OFFSET  NAME                TYPE      LENGTH  SECTION
2016          0      $PRIV000012        PART      10
2017          10    CMINQAAB#S          PART      C0  CMINQAAB
2018
2019 -----
2020 CLASS  C_CEESG003          LENGTH =      0  ATTRIBUTES = CAT, NOLOAD
2021
2022 -----
2023
2024 SECTION    CLASS                ----- SOURCE
      -----
2025 OFFSET    OFFSET  NAME                TYPE      LENGTH  DDNAME    SEQ  MEMBER
2026
2027          0      CMINQAAB              CSECT      0  SYSLIN    02  **NULL**
2028          ***  DATA SET SUMMARY  ***
2029
2030 DDNAME    CONCAT  FILE IDENTIFICATION
2031
2032 SYSLIB     02      DFH540.CICS.SDFHLOAD
2033 SYSLIB     03      CEE.SCEELKED
2034 SYSLIN     02      SYS21091.T231748.RA000.CMINQAAB.LOADSET.H01
2035          ***  SYMBOL REFERENCES NOT ASSOCIATED WITH ANY ADCON  ***
2036
2037 TYPE      SCOPE    NAME
2038
2039
2040          ***  E N D   O F   M O D U L E   M A P  ***
2041
2042
2043          C R O S S - R E F E R E N C E   T A B L
      E
2044
2045
2046 TEXT CLASS = C_CODE

```

2047

2048 ----- R E F E R E N C E ----- T A R G E T

2049	CLASS	ELEMENT	2050	OFFSET	SECT/PART(ABBREV)	2051	OFFSET	TYPE	2052	SYMBOL(ABBREV)	2053	SECTION
	(ABBREV)	CLASS NAME										
2052	24	CMINQAAB	24	A-CON		CMINQAAB#C			CMINQAAB			
	0	C_CODE										
2053	2C	CMINQAAB	2C	A-CON		CMINQAAB#C			CMINQAAB			
	0	C_CODE										
2054	30	CMINQAAB	30	A-CON		CMINQAAB#C			CMINQAAB			
	0	C_CODE										
2055	34	CMINQAAB	34	A-CON		CMINQAAB#C			CMINQAAB			
	0	C_CODE										
2056	38	CMINQAAB	38	V-CON		IGZXBST3			IGZXBST3			
	0	B_TEXT										
2057	3C	CMINQAAB	3C	A-CON		CMINQAAB#C			CMINQAAB			
	0	C_CODE										
2058	44	CMINQAAB	44	A-CON		CMINQAAB#C			CMINQAAB			
	0	C_CODE										
2059	1E24	CMINQAAB	1E24	Q-CON		CMINQAAB#S						
	\$NON-RELOCATABLE		10	C_WSA								
2060	1E28	CMINQAAB	1E28	V-CON		DFHEI1			DFHECI			
	8	B_TEXT										
2061	1E2C	CMINQAAB	1E2C	V-CON		IGZXPRS			IGZXPRS			
	0	B_TEXT										
2062	1E30	CMINQAAB	1E30	V-CON		IGZXCMSG			IGZXCMSG			
	0	B_TEXT										
2063	1E34	CMINQAAB	1E34	A-CON		CMINQAAB#C			CMINQAAB			
	0	C_CODE										
2064	1E38	CMINQAAB	1E38	A-CON		CMINQAAB#C			CMINQAAB			
	0	C_CODE										
2065	1E3C	CMINQAAB	1E3C	V-CON		IGZXVMO			IGZXVMO			
	0	B_TEXT										
2066	1E40	CMINQAAB	1E40	V-CON		IGZXRT1			IGZXRT1			
	0	B_TEXT										
2067	1F64	CMINQAAB	1F64	A-CON		CMINQAAB#C			CMINQAAB			
	0	C_CODE										
2068	1F70	CMINQAAB	1F70	A-CON		CMINQAAB#C			CMINQAAB			
	0	C_CODE										
2069	1F88	CMINQAAB	1F88	A-CON		CMINQAAB#C			CMINQAAB			
	0	C_CODE										
2070	24C8	CMINQAAB	24C8	A-CON		CMINQAAB#C			CMINQAAB			
	0	C_CODE										

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2071	26B4	CMINQAAB		26B4	A-CON		CEESTART	CEESTART
	0	B_TEXT						
2072	26B4	CMINQAAB		26B4	A-CON		CMINQAAB#C	CMINQAAB
	0	C_CODE						
2073	26CC	CMINQAAB		26CC	A-CON		CMINQAAB#C	CMINQAAB
	0	C_CODE						
2074	26D0	CMINQAAB		26D0	V-CON		CEESTART	CEESTART
	0	B_TEXT						
2075	26D4	CMINQAAB		26D4	V-CON		CEEBETBL	CEEBETBL
	0	B_TEXT						
2076	2714	CMINQAAB		2714	Q-CON		CMINQAAB#S	
	\$NON-RELOCATABLE			10	C_WSA			
2077								
2078								
2079	TEXT	CLASS = B_TEXT						
2080								
2081	-----	R E F E R E N C E	-----				T A R G E T	
2082	CLASS			ELEMENT				
	ELEMENT							
2083	OFFSET SECT/PART(ABBREV)			OFFSET	TYPE		SYMBOL(ABBREV)	SECTION
	(ABBREV)	OFFSET CLASS NAME						
2084								
2085	44	CEESG004		14	A-CON		IGZEOPT	
	\$UNRESOLVED(W)							
2086	48	CEESG004		18	A-CON		IGZETUN	
	\$UNRESOLVED(W)							
2087	4C	CEESG004		1C	A-CON		IGZXRES1	
	\$UNRESOLVED(W)							
2088	50	CEESG004		20	A-CON		IEWBLIT	IEWBLIT
	0	B_LIT						
2089	518	IGZXBST3		450	V-CON		CEEINT	CEEBPIRA
	0	B_TEXT						
2090	51C	IGZXBST3		454	V-CON		CEEARLU	CEEARLU
	0	B_TEXT						
2091	520	IGZXBST3		458	A-CON		CEESG004	CEESG004
	0	B_TEXT						
2092	5AC	CEEBETBL		4	V-CON		CEEBXITA	
	\$UNRESOLVED(W)							
2093	5B0	CEEBETBL		8	V-CON		CEEBINT	CEEBINT
	0	B_TEXT						
2094	5B4	CEEBETBL		C	V-CON		CEEBLLST	CEEBLLST
	0	B_TEXT						
2095	5B8	CEEBETBL		10	V-CON		CEEUOPT	
	\$UNRESOLVED(W)							
2096	5BC	CEEBETBL		14	V-CON		CEEBTRM	CEEBTRM

```

      0 B_TEXT
2097      5C4 CEEBETBL      1C V-CON | CEEBPUBT      CEEBPUBT
      0 B_TEXT
2098      5C8 CEEBETBL      20 V-CON | IEWBLIT      IEWBLIT
      0 B_LIT
2099
2100
2101      C R O S S - R E F E R E N C E   T A B L
      E
2102
2103
2104 TEXT CLASS = B_TEXT
2105
2106 ----- R E F E R E N C E ----- T A R G E T
      -----
2107 CLASS                      ELEMENT
      ELEMENT
2108 OFFSET SECT/PART(ABBREV)    OFFSET TYPE | SYMBOL(ABBREV) SECTION
      (ABBREV)                OFFSET CLASS NAME |
2109 |
2110      62C CEESTART            5C A-CON | CEEMAIN
      $UNRESOLVED(W)
2111      63C CEESTART            6C C-LEN |
      $NON-RELOCATABLE      B_PRV
2112      668 CEESTART            98 A-CON | CEEFMAIN
      $UNRESOLVED(W)
2113      674 CEESTART            A4 A-CON | CEEBETBL      CEEBETBL
      0 B_TEXT
2114      678 CEESTART            A8 A-CON | CEEROOTA
      $UNRESOLVED(W)
2115      67C CEESTART            AC A-CON | CEEROOTD
      $UNRESOLVED(W)
2116      75C CEEBTRM            6C A-CON | CEEBPUBT      CEEBPUBT
      0 B_TEXT
2117      7A8 CEEBLLST            10 A-CON | CEESG000
      $UNRESOLVED(W)
2118      7AC CEEBLLST            14 A-CON | CEESG001
      $UNRESOLVED(W)
2119      7B0 CEEBLLST            18 A-CON | CEESG002
      $UNRESOLVED(W)
2120      7B4 CEEBLLST            1C A-CON | CEESG003
      $UNRESOLVED(W)
2121      7B8 CEEBLLST            20 A-CON | CEESG004      CEESG004
      0 B_TEXT
2122      7BC CEEBLLST            24 A-CON | CEESG005

```

2123	\$UNRESOLVED(W)							
	7C0 CEEBLLST	28	A-CON		CEESG006			
	\$UNRESOLVED(W)							
2124	7C4 CEEBLLST	2C	A-CON		CEESG007			
	\$UNRESOLVED(W)							
2125	7C8 CEEBLLST	30	A-CON		CEESG008			
	\$UNRESOLVED(W)							
2126	7CC CEEBLLST	34	A-CON		CEESG009			
	\$UNRESOLVED(W)							
2127	7D0 CEEBLLST	38	A-CON		CEESG010			
	\$UNRESOLVED(W)							
2128	7D4 CEEBLLST	3C	A-CON		CEESG011			
	\$UNRESOLVED(W)							
2129	7D8 CEEBLLST	40	A-CON		CEESG012			
	\$UNRESOLVED(W)							
2130	7DC CEEBLLST	44	A-CON		CEESG013			
	\$UNRESOLVED(W)							
2131	7E0 CEEBLLST	48	A-CON		CEESG014			
	\$UNRESOLVED(W)							
2132	7E4 CEEBLLST	4C	A-CON		CEESG015			
	\$UNRESOLVED(W)							
2133	7E8 CEEBLLST	50	A-CON		CEESG016			
	\$UNRESOLVED(W)							
2134	AE8 CEEBPIRA	230	A-CON		CEEBPUBT			CEEBPUBT
	0 B_TEXT							
2135								
2136								
2137	TEXT CLASS = C_@@PPA2							
2138								
2139	----- R E F E R E N C E -----							T A R G E T

2140	CLASS		ELEMENT					
	ELEMENT							
2141	OFFSET SECT/PART(ABBREV)		OFFSET	TYPE		SYMBOL(ABBREV)		SECTION
	(ABBREV)		OFFSET CLASS NAME					
2142								
2143	4 \$PRIV000010		4	A-CON		CMINQAAB#C		CMINQAAB
	0 C_CODE							
2144								
2145								
2146	TEXT CLASS = C_@@CSINIT							
2147								
2148	----- R E F E R E N C E -----							T A R G E T

2149	CLASS		ELEMENT					
	ELEMENT							

```

2150  OFFSET SECT/PART(ABBREV)      OFFSET  TYPE | SYMBOL(ABBREV)  SECTION
      (ABBREV)      OFFSET CLASS NAME      |
2151  |
2152      0 $PRIV000011              0 A-CON | CMINQAAB#C      CMINQAAB
      0 C_CODE                      |
2153
2154
2155 TEXT CLASS = B_LIT
2156
2157 ----- R E F E R E N C E ----- T A R G E T
      -----
2158  CLASS                      ELEMENT      |
      ELEMENT                  |
2159  OFFSET SECT/PART(ABBREV)      OFFSET  TYPE | SYMBOL(ABBREV)  SECTION
      (ABBREV)      OFFSET CLASS NAME      |
2160  |
2161      28 IEWBLIT              28 L TOKE |
      |
2162
2163
2164                      C R O S S - R E F E R E N C E T A B L
      E
2165
2166 -----
2167 TEXT CLASS = B_LIT
2168
2169 ----- R E F E R E N C E ----- T A R G E T
      -----
2170  CLASS                      ELEMENT      |
      ELEMENT                  |
2171  OFFSET SECT/PART(ABBREV)      OFFSET  TYPE | SYMBOL(ABBREV)  SECTION
      (ABBREV)      OFFSET CLASS NAME      |
2172  |
2173      50 IEWBLIT              50 C-LEN |
      $NON-RELOCATABLE          B_TEXT    |
2174      54 IEWBLIT              54 A-CON |
      B_TEXT                    |
2175      70 IEWBLIT              70 C-LEN |
      $NON-RELOCATABLE          C_CODE    |
2176      74 IEWBLIT              74 A-CON |
      C_CODE                    |
2177      90 IEWBLIT              90 C-LEN |
      $NON-RELOCATABLE          C_WSA     |

```

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```

2178      B0 IEWBLIT      B0 C-LEN |
$NON-RELOCATABLE      C_@@PPA2 |
2179      B4 IEWBLIT      B4 A-CON |
C_@@PPA2 |
2180      D0 IEWBLIT      D0 C-LEN |
$NON-RELOCATABLE      C_@@CSINIT |
2181      D4 IEWBLIT      D4 A-CON |
C_@@CSINIT |
2182      F0 IEWBLIT      F0 C-LEN |
$NON-RELOCATABLE      B_LIT |
2183      F4 IEWBLIT      F4 A-CON |
B_LIT |
2184
2185
2186 TEXT CLASS = C_WSA
2187
2188 ----- R E F E R E N C E ----- T A R G E T
-----
2189 CLASS ELEMENT |
ELEMENT |
2190 OFFSET SECT/PART(ABBREV) OFFSET TYPE | SYMBOL(ABBREV) SECTION
(ABBREV) OFFSET CLASS NAME |
2191 |
2192      24 CMINQAAB#S      24 A-CON | CMINQAAB#C CMINQAAB
0 C_CODE |
2193      28 CMINQAAB#S      28 A-CON | CMINQAAB#C CMINQAAB
0 C_CODE |
2194      2C CMINQAAB#S      2C A-CON | CMINQAAB#C CMINQAAB
0 C_CODE |
2195      30 CMINQAAB#S      30 A-CON | CMINQAAB#C CMINQAAB
0 C_CODE |
2196      34 CMINQAAB#S      34 A-CON | CMINQAAB#C CMINQAAB
0 C_CODE |
2197      38 CMINQAAB#S      38 A-CON | CMINQAAB#C CMINQAAB
0 C_CODE |
2198      3C CMINQAAB#S      3C A-CON | CMINQAAB#C CMINQAAB
0 C_CODE |
2199      40 CMINQAAB#S      40 A-CON | CMINQAAB#C CMINQAAB
0 C_CODE |
2200      44 CMINQAAB#S      44 A-CON | CMINQAAB#C CMINQAAB
0 C_CODE |
2201      48 CMINQAAB#S      48 A-CON | CMINQAAB#C CMINQAAB
0 C_CODE |
2202      4C CMINQAAB#S      4C A-CON | CMINQAAB#C CMINQAAB
0 C_CODE |
2203      50 CMINQAAB#S      50 A-CON | CMINQAAB#C CMINQAAB

```


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0 C_CODE			
2204 54 CMINQAAB#S		54 A-CON CMINQAAB#C	CMINQAAB
0 C_CODE			
2205 58 CMINQAAB#S		58 A-CON CMINQAAB#C	CMINQAAB
0 C_CODE			
2206 5C CMINQAAB#S		5C A-CON CMINQAAB#C	CMINQAAB
0 C_CODE			
2207 60 CMINQAAB#S		60 A-CON CMINQAAB#C	CMINQAAB
0 C_CODE			
2208 6C CMINQAAB#S		6C A-CON CMINQAAB#S	
\$PRIV000003		10 C_WSA	
2209 70 CMINQAAB#S		70 A-CON CMINQAAB#C	CMINQAAB
0 C_CODE			
2210 AC CMINQAAB#S		AC V-CON CMINQAAB	CMINQAAB
0 C_CODE			
2211 C0 CMINQAAB#S		C0 A-CON CMINQAAB#S	
\$PRIV000003		10 C_WSA	
2212		*** E N D O F C R O S S R E F E R E	
N C E ***			
2213			
2214			
2215			
2216		*** O P E R A T I O N S U M M A R Y R E P	
O R T ***			
2217			
2218 PROCESSING OPTIONS:			
2219			
2220 ALIASES	NO		
2221 ALIGN2	NO		
2222 AMODE	UNSPECIFIED		
2223 CALL	YES		
2224 CASE	UPPER		
2225 COMPAT	UNSPECIFIED		
2226 COMPRESS	AUTO		
2227 DCBS	NO		
2228 DYNAM	NO		
2229 EXTATTR	UNSPECIFIED		
2230 EXITS:	NONE		
2231 FILL	NONE		
2232 GID	UNSPECIFIED		
2233 HOBSET	NO		
2234 INFO	NO		
2235 LET	04		
2236 LINECT	060		
2237 LIST	SUMMARY		
2238 LISTPRIV	NO		
2239 LONGPARM	NO		

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2240	MAP	YES
2241	MAXBLK	032760
2242	MODMAP	NO
2243	MSGLEVEL	00
2244	OVLY	NO
2245	PRINT	YES
2246	RES	NO
2247	REUSABILITY	UNSPECIFIED
2248	RMODE	UNSPECIFIED
2249	RMODEX	NO
2250	SIGN	NO
2251	STORENX	NOREPLACE
2252	STRIPCL	NO
2253	STRIPSEC	NO
2254	SYMTRACE	
2255	TERM	NO
2256	TRAP	ON
2257	UID	UNSPECIFIED
2258	UPCASE	NO
2259	WKSPACE	000000K,000000K
2260	XCAL	NO
2261	XREF	YES

2262 ***END OF OPTIONS***

2263

2264

2265

2266

2267 SAVE OPERATION SUMMARY:

2268

2269	MEMBER NAME	CMINQAAB
2270	LOAD LIBRARY	TSOECCC.CICSTS12.STUDENT.LOADLIB
2271	PROGRAM TYPE	PROGRAM OBJECT(FORMAT 3)
2272	VOLUME SERIAL	KCTR12
2273	DISPOSITION	REPLACED
2274	TIME OF SAVE	23.17.55 APR 1, 2021

2275

2276

2277 SAVE MODULE ATTRIBUTES:

2278

2279	AC	000
2280	AMODE	31
2281	COMPRESSION	NONE
2282	DC	NO
2283	EDITABLE	YES
2284	EXCEEDS 16MB	NO
2285	EXECUTABLE	YES
2286	LONGPARM	NO

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2287 MIGRATABLE NO
 2288 OL NO
 2289 OVLY NO
 2290 PACK,PRIME NO,NO
 2291 PAGE ALIGN NO
 2292 REFR NO
 2293 RENT NO
 2294 REUS NO
 2295 RMODE ANY
 2296 SCTR NO
 2297 SIGN NO
 2298 SSI
 2299 SYM GENERATED NO
 2300 TEST NO
 2301 XPLINK NO
 2302 MODULE SIZE (HEX) 00003578
 2303 DASD SIZE (HEX) 0000C000

2304

2305

2306 ENTRY POINT AND ALIAS SUMMARY:

2307

2308 NAME:	ENTRY TYPE	AMODE	C_OFFSET	CLASS NAME	STATUS
------------	------------	-------	----------	------------	--------

2309

2310 CMINQAAB	MAIN_EP	31	00000000	C_CODE	
---------------	---------	----	----------	--------	--

2311

2312 *** 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 ***

2313

2314

2315

2316

2317 z/OS V2 R3 BINDER 23:17:54 THURSDAY APRIL 1, 2021

2318 BATCH EMULATOR JOB(CMINQAAB) STEP(COMPLI) PGM= IEWL PROCEDURE(LKED

)

2319 IEW2008I 0F03 PROCESSING COMPLETED. RETURN CODE = 0.

2320

2321

2322

2323 -----

2324 MESSAGE SUMMARY REPORT

2325 -----

2326 TERMINAL MESSAGES (SEVERITY = 16)

2327 NONE

2328

2329 SEVERE MESSAGES (SEVERITY = 12)

2330 NONE

2331

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2332 ERROR MESSAGES (SEVERITY = 08)
2333 NONE
2334
2335 WARNING MESSAGES (SEVERITY = 04)
2336 NONE
2337
2338 INFORMATIONAL MESSAGES (SEVERITY = 00)
2339 2008 2278 2322
2340
2341
2342 **** END OF MESSAGE SUMMARY REPORT ****
2343
2344