

```

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 11.11.40 JOB05015 ----- FRIDAY,      27 JAN 2023 -----
4 11.11.40 JOB05015 IRR010I  USERID KC03FEC  IS ASSIGNED TO THIS JOB.
5 11.11.40 JOB05015 IEF677I  WARNING MESSAGE(S) FOR JOB CMFLEFEC ISSUED
6 11.11.42 JOB05015 ICH70001I KC03FEC  LAST ACCESS AT 11:10:29 ON FRIDAY, JANUARY 27, 2023
7 11.11.42 JOB05015 $HASP373 CMFLEFEC STARTED - INIT 1      - CLASS A      - SYS 2964
8 11.11.45 JOB05015 -                                     -----TIMINGS (MINS.)-----
          -----PAGING COUNTS-----
9 11.11.45 JOB05015 -STEPNAME PROCSTEP      RC      EXCP      CONN          TCB          SRB      CLOCK
SERV  WORKLOAD PAGE  SWAP    VIO SWAPS
10 11.11.45 JOB05015 -COBOL      COBOL        00        629      301          .00          .00        .0
74  BATCH          0          0          0          0
11 11.11.45 JOB05015 -COBOL      LKED         00        217      38          .00          .00        .0
47  BATCH          0          0          0          0
12 11.11.45 JOB05015 -CMFLEFEC ENDED.  NAME-                                TOTAL TCB CPU TIME=          .00
TOTAL ELAPSED TIME=          .0
13 11.11.45 JOB05015 $HASP395 CMFLEFEC ENDED - RC=0000
14 ----- JES2 JOB STATISTICS -----
15 27 JAN 2023 JOB EXECUTION DATE
16      13 CARDS READ
17      657 SYSOUT PRINT RECORDS
18      0 SYSOUT PUNCH RECORDS
19      41 SYSOUT SPOOL KBYTES
20      0.08 MINUTES EXECUTION TIME
21      1 //CMFLEFEC              JOB                                JOB05015
22          /* COMPILE/LKED VSAM DATA LOAD PROGRAM
23      2 //COBOL                  EXEC PROC=IGYWCL,REGION=50M,
24          //      PARM.COBOLE='TEST,RENT,APOST,OBJECT,NODYNAM,LIB,SIZE(2097152)'
25      3 XXIGYWCL  PROC  LNGPRFX='IGY630',                                00001000
26          XX                  LIBPRFX='CEE',                                00002000
27          XX                  PGMLIB='&&GOSET',GOPGM=GO                    00003000
28          XX*                                                            00004000
29          XX*****                                                            00005000
30          XX*                                                            * 00006000
31          XX*  IBM Enterprise COBOL for z/OS                                * 00007000
32          XX*                  Version 6 Release 3 Modification 0          * 00008000
33          XX*                                                            * 00009000
34          XX*  LICENSED MATERIALS - PROPERTY OF IBM.                      * 00010000
35          XX*                                                            * 00011000
36          XX*  5655-EC6 COPYRIGHT IBM CORP. 1983, 2019                    * 00012000
37          XX*                                                            * 00013000
38          XX*  US GOVERNMENT USERS RESTRICTED RIGHTS - USE,                * 00014000
39          XX*  DUPLICATION OR DISCLOSURE RESTRICTED BY GSA                  * 00015000
40          XX*  ADP SCHEDULE CONTRACT WITH IBM CORP.                        * 00016000
41          XX*                                                            * 00017000
42          XX*****                                                            00018000
43          XX*                                                            00019000
44          XX*  COMPILE AND LINK EDIT A COBOL PROGRAM                      00020000
45          XX*                                                            00021000
46          XX*  PARAMETER  DEFAULT VALUE      USAGE                      00022000
47          XX*  LNGPRFX    IGY.V6R3M0        PREFIX FOR LANGUAGE DATA SET NAMES 00023000
48          XX*  LIBPRFX    CEE                 PREFIX FOR LIBRARY DATA SET NAMES 00024000
49          XX*  PGMLIB     &&GOSET             DATA SET NAME FOR LOAD MODULE     00025000
50          XX*  GOPGM      GO                  MEMBER NAME FOR LOAD MODULE         00026000
51          XX*                                                            00027000

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52      XX*  CALLER MUST SUPPLY //COBOL.SYSIN DD ...                                00028000
53      XX*                                                                                               00029000
54      XX*  CALLER MUST ALSO SUPPLY //COBOL.SYSLIB DD ... for COPY statements 00030000
55      XX*                                                                                               00031000
56      XX*  NOTE:  SYSUT* datasets must be single-volume datasets 00032000
57      XX*                                                                                               00033000
58      4 XXCOBOL  EXEC PGM=IGYCRCTL,REGION=0M                                00034000
59      5 //COBOL.STEPLIB DD DSN=IGY420.SIGYCOMP,
60      //      DISP=SHR
61      X/STEPLIB DD DSN= &LNGPRFX..SIGYCOMP,DISP=SHR                                00035000
62      IEFC653I SUBSTITUTION JCL - DSN=IGY630.SIGYCOMP,DISP=SHR
63      6 XX      DD DSN= &LIBPRFX..SCEERUN,DISP=SHR                                00036000
64      IEFC653I SUBSTITUTION JCL - DSN=CEE.SCEERUN,DISP=SHR
65      7 XX      DD DSN= &LIBPRFX..SCEERUN2,DISP=SHR                                00037000
66      IEFC653I SUBSTITUTION JCL - DSN=CEE.SCEERUN2,DISP=SHR
67      8 XXSYSRINT DD SYSOUT=*                                00038000
68      9 XXSYSLIN DD DSN= &&LOADSET,UNIT=SYSALLDA,
69      XX      DISP=(MOD,PASS),SPACE=(CYL,(1,1)),VOL=(,,1)
70      10 XXSYSUT1 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1)),VOL=(,,1) 00040000
71      11 XXSYSUT2 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1)),VOL=(,,1) 00041000
72      12 XXSYSUT3 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1)),VOL=(,,1) 00042000
73      13 XXSYSUT4 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1)),VOL=(,,1) 00043000
74      14 XXSYSUT5 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1)),VOL=(,,1) 00044000
75      15 XXSYSUT6 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1)),VOL=(,,1) 00045000
76      16 XXSYSUT7 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1)),VOL=(,,1) 00046000
77      17 XXSYSUT8 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1)),VOL=(,,1) 00047000
78      18 XXSYSUT9 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1)),VOL=(,,1) 00048000
79      19 XXSYSUT10 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1)),VOL=(,,1) 00049000
80      20 XXSYSUT11 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1)),VOL=(,,1) 00050000
81      21 XXSYSUT12 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1)),VOL=(,,1) 00051000
82      22 XXSYSUT13 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1)),VOL=(,,1) 00052000
83      23 XXSYSUT14 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1)),VOL=(,,1) 00053000
84      24 XXSYSUT15 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1)),VOL=(,,1) 00054000
85      25 XXSYSMDECK DD UNIT=SYSALLDA,SPACE=(CYL,(1,1)),VOL=(,,1) 00055000
86      26 //COBOL.SYSIN DD DSN=KC03FEC.A1.COBOL(CMFLOFEC),DISP=SHR 00056000
87      27 XXLKED  EXEC PGM=IEWBLINK,COND=(8,LT,COBOL),REGION=0M 00057000
88      28 XXSYSLIB DD DSN= &LIBPRFX..SCEELKEX,DISP=SHR 00058000
89      IEFC653I SUBSTITUTION JCL - DSN=CEE.SCEELKEX,DISP=SHR
90      29 XX      DD DSN= &LIBPRFX..SCEELKED,DISP=SHR 00059000
91      IEFC653I SUBSTITUTION JCL - DSN=CEE.SCEELKED,DISP=SHR
92      30 XXSYSRINT DD SYSOUT=*                                00060000
93      31 XXSYSLIN DD DSN= &&LOADSET,DISP=(OLD,DELETE) 00061000
94      32 XX      DD DDNAME=SYSIN 00062000
95      33 //LKED.SYSLMOD DD DSN=KC03FEC.COBOL.LOADLIB(CMFLOFEC),
96      //      DISP=OLD
97      X/SYSLMOD DD DSN= &PGMLIB(&GOPGM),                                00063000
98      X/      SPACE=(CYL,(1,1,1)),                                00064000
99      X/      UNIT=SYSALLDA,DISP=(MOD,PASS),DSNTYPE=LIBRARY 00065000
100     // DECLARE DATASET THAT CONTAINS SOURCE CODE
101     //
102     // DECLARE PDS MEMBER TO STORE LOAD MODULE
103     /*
104     IEFC653I SUBSTITUTION JCL - DSN= &&GOSET(GO),SPACE=(CYL,
(1,1,1)),UNIT=SYSALLDA,DISP=(MOD,PASS),
105     DSNTYPE=LIBRARY
106 STMT NO. MESSAGE
107     2 IEFC001I PROCEDURE IGYWCL WAS EXPANDED USING SYSTEM LIBRARY SVTSC.PROCLIB

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108      33 IEF686I DDNAME REFERRED TO ON DDNAME KEYWORD IN PRIOR STEP WAS NOT RESOLVED
109 ICH70001I KC03FEC LAST ACCESS AT 11:10:29 ON FRIDAY, JANUARY 27, 2023
110 IEFA111I CMFLEFEC IS USING THE FOLLOWING JOB RELATED SETTINGS:
111      SWA=ABOVE,TIOT SIZE=32K,DSENQSHR=DISALLOW,GDGBIAS=JOB
112 IEF236I ALLOC. FOR CMFLEFEC COBOL COBOL
113 IEF237I 185A ALLOCATED TO STEPLIB
114 IEF237I 1001 ALLOCATED TO
115 IEF237I 1001 ALLOCATED TO
116 IEF237I JES2 ALLOCATED TO SYSPRINT
117 IGD101I SMS ALLOCATED TO DDNAME (SYSLIN )
118      DSN (SYS23027.T111140.RA000.CMFLEFEC.LOADSET.H01 )
119      STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
120      VOL SER NOS= TEMP00
121 IGD101I SMS ALLOCATED TO DDNAME (SYSUT1 )
122      DSN (SYS23027.T111140.RA000.CMFLEFEC.R0142296 )
123      STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
124      VOL SER NOS= TEMP00
125 IGD101I SMS ALLOCATED TO DDNAME (SYSUT2 )
126      DSN (SYS23027.T111140.RA000.CMFLEFEC.R0142297 )
127      STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
128      VOL SER NOS= TEMP00
129 IGD101I SMS ALLOCATED TO DDNAME (SYSUT3 )
130      DSN (SYS23027.T111140.RA000.CMFLEFEC.R0142298 )
131      STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
132      VOL SER NOS= TEMP00
133 IGD101I SMS ALLOCATED TO DDNAME (SYSUT4 )
134      DSN (SYS23027.T111140.RA000.CMFLEFEC.R0142299 )
135      STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
136      VOL SER NOS= TEMP00
137 IGD101I SMS ALLOCATED TO DDNAME (SYSUT5 )
138      DSN (SYS23027.T111140.RA000.CMFLEFEC.R0142300 )
139      STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
140      VOL SER NOS= TEMP00
141 IGD101I SMS ALLOCATED TO DDNAME (SYSUT6 )
142      DSN (SYS23027.T111140.RA000.CMFLEFEC.R0142301 )
143      STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
144      VOL SER NOS= TEMP00
145 IGD101I SMS ALLOCATED TO DDNAME (SYSUT7 )
146      DSN (SYS23027.T111140.RA000.CMFLEFEC.R0142302 )
147      STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
148      VOL SER NOS= TEMP00
149 IGD101I SMS ALLOCATED TO DDNAME (SYSUT8 )
150      DSN (SYS23027.T111140.RA000.CMFLEFEC.R0142303 )
151      STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
152      VOL SER NOS= TEMP00
153 IGD101I SMS ALLOCATED TO DDNAME (SYSUT9 )
154      DSN (SYS23027.T111140.RA000.CMFLEFEC.R0142304 )
155      STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
156      VOL SER NOS= TEMP00
157 IGD101I SMS ALLOCATED TO DDNAME (SYSUT10 )
158      DSN (SYS23027.T111140.RA000.CMFLEFEC.R0142305 )
159      STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
160      VOL SER NOS= TEMP00
161 IGD101I SMS ALLOCATED TO DDNAME (SYSUT11 )
162      DSN (SYS23027.T111140.RA000.CMFLEFEC.R0142306 )
163      STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
164      VOL SER NOS= TEMP00

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CMFLEFEC:JOB05015.spool

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165 IGD101I SMS ALLOCATED TO DDNAME (SYSUT12 )
166      DSN (SYS23027.T111140.RA000.CMFLEFEC.R0142307 )
167      STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
168      VOL SER NOS= TEMP00
169 IGD101I SMS ALLOCATED TO DDNAME (SYSUT13 )
170      DSN (SYS23027.T111140.RA000.CMFLEFEC.R0142308 )
171      STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
172      VOL SER NOS= TEMP00
173 IGD101I SMS ALLOCATED TO DDNAME (SYSUT14 )
174      DSN (SYS23027.T111140.RA000.CMFLEFEC.R0142309 )
175      STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
176      VOL SER NOS= TEMP00
177 IGD101I SMS ALLOCATED TO DDNAME (SYSUT15 )
178      DSN (SYS23027.T111140.RA000.CMFLEFEC.R0142310 )
179      STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
180      VOL SER NOS= TEMP00
181 IGD101I SMS ALLOCATED TO DDNAME (SYSMDECK)
182      DSN (SYS23027.T111140.RA000.CMFLEFEC.R0142311 )
183      STORCLAS (TEMPSC) MGMTCLAS ( ) DATACLAS ( )
184      VOL SER NOS= TEMP00
185 IGD103I SMS ALLOCATED TO DDNAME SYSIN
186 IEF142I CMFLEFEC COBOL COBOL - STEP WAS EXECUTED - COND CODE 0000
187 IEF285I  IGY420.SIGYCOMP                                KEPT
188 IEF285I  VOL SER NOS= VTIGYG.
189 IEF285I  CEE.SCEERUN                                    KEPT
190 IEF285I  VOL SER NOS= VTMVSC.
191 IEF285I  CEE.SCEERUN2                                    KEPT
192 IEF285I  VOL SER NOS= VTMVSC.
193 IEF285I  KC03FEC.CMFLEFEC.JOB05015.D0000101.?          SYSOUT
194 IGD106I SYS23027.T111140.RA000.CMFLEFEC.LOADSET.H01    PASSED,      DDNAME=SYSLIN
195 IGD105I SYS23027.T111140.RA000.CMFLEFEC.R0142296      DELETED,      DDNAME=SYSUT1
196 IGD105I SYS23027.T111140.RA000.CMFLEFEC.R0142297      DELETED,      DDNAME=SYSUT2
197 IGD105I SYS23027.T111140.RA000.CMFLEFEC.R0142298      DELETED,      DDNAME=SYSUT3
198 IGD105I SYS23027.T111140.RA000.CMFLEFEC.R0142299      DELETED,      DDNAME=SYSUT4
199 IGD105I SYS23027.T111140.RA000.CMFLEFEC.R0142300      DELETED,      DDNAME=SYSUT5
200 IGD105I SYS23027.T111140.RA000.CMFLEFEC.R0142301      DELETED,      DDNAME=SYSUT6
201 IGD105I SYS23027.T111140.RA000.CMFLEFEC.R0142302      DELETED,      DDNAME=SYSUT7
202 IGD105I SYS23027.T111140.RA000.CMFLEFEC.R0142303      DELETED,      DDNAME=SYSUT8
203 IGD105I SYS23027.T111140.RA000.CMFLEFEC.R0142304      DELETED,      DDNAME=SYSUT9
204 IGD105I SYS23027.T111140.RA000.CMFLEFEC.R0142305      DELETED,      DDNAME=SYSUT10
205 IGD105I SYS23027.T111140.RA000.CMFLEFEC.R0142306      DELETED,      DDNAME=SYSUT11
206 IGD105I SYS23027.T111140.RA000.CMFLEFEC.R0142307      DELETED,      DDNAME=SYSUT12
207 IGD105I SYS23027.T111140.RA000.CMFLEFEC.R0142308      DELETED,      DDNAME=SYSUT13
208 IGD105I SYS23027.T111140.RA000.CMFLEFEC.R0142309      DELETED,      DDNAME=SYSUT14
209 IGD105I SYS23027.T111140.RA000.CMFLEFEC.R0142310      DELETED,      DDNAME=SYSUT15
210 IGD105I SYS23027.T111140.RA000.CMFLEFEC.R0142311      DELETED,      DDNAME=SYSMDECK
211 IGD104I KC03FEC.A1.COBOL                                RETAINED,    DDNAME=SYSIN
212 IEF373I STEP/COBOL  /START 2023027.1111
213 IEF032I STEP/COBOL  /STOP 2023027.1111
214      CPU:    0 HR  00 MIN  00.01 SEC      SRB:    0 HR  00 MIN  00.00 SEC
215      VIRT:  176K  SYS:   264K  EXT:   2028K  SYS:   11696K
216      ATB- REAL:                1080K  SLOTS:                0K
217      VIRT- ALLOC:    17M  SHRD:    0M
218 IEF236I ALLOC. FOR CMFLEFEC LKED COBOL
219 IEF237I 1001 ALLOCATED TO SYSLIB
220 IEF237I 1001 ALLOCATED TO
221 IEF237I JES2 ALLOCATED TO SYSPRINT

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222 IGD103I SMS ALLOCATED TO DDNAME SYSLIN
223 IEF237I DMY ALLOCATED TO
224 IGD103I SMS ALLOCATED TO DDNAME SYSMOD
225 IEF142I CMFLEFEC LKED COBOL - STEP WAS EXECUTED - COND CODE 0000
226 IEF285I CEE.SCEELKEX KEPT
227 IEF285I VOL SER NOS= VTMVSC.
228 IEF285I CEE.SCEELKED KEPT
229 IEF285I VOL SER NOS= VTMVSC.
230 IEF285I KC03FEC.CMFLEFEC.JOB05015.D0000102.? SYSOUT
231 IGD105I SYS23027.T111140.RA000.CMFLEFEC.LOADSET.H01 DELETED, DDNAME=SYSLIN
232 IGD104I KC03FEC.COBOL.LOADLIB RETAINED, DDNAME=SYSMOD
233 IEF373I STEP/LKED /START 2023027.1111
234 IEF032I STEP/LKED /STOP 2023027.1111
235 CPU: 0 HR 00 MIN 00.01 SEC SRB: 0 HR 00 MIN 00.00 SEC
236 VIRT: 88K SYS: 276K EXT: 1768K SYS: 11648K
237 ATB- REAL: 1080K SLOTS: 0K
238 VIRT- ALLOC: 17M SHRD: 0M
239 IEF375I JOB/CMFLEFEC/START 2023027.1111
240 IEF033I JOB/CMFLEFEC/STOP 2023027.1111
241 CPU: 0 HR 00 MIN 00.02 SEC SRB: 0 HR 00 MIN 00.00 SEC

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242 PP 5655-S71 IBM Enterprise COBOL for z/OS 4.2.0 Date 01/27/2023 Time 11:11:43 Page 1

243 Invocation parameters:

244 TEST,RENT,APOST,OBJECT,NODYNAM,LIB,SIZE(2097152)

245 Options in effect:

```

246 NOADATA
247 ADV
248 APOST
249 ARITH(COMPAT)
250 NOAWO
251 NOBLOCK0
252 BUFSIZE(4096)
253 NOCICS
254 CODEPAGE(1140)
255 NOCOMPILE(S)
256 NOCURRENCY
257 DATA(31)
258 NODATEPROC
259 DBCS
260 NODECK
261 NODIAGTRUNC
262 NODLL
263 NODUMP
264 NODYNAM
265 NOEXIT
266 NOEXPORTALL
267 NOFASTSRT
268 FLAG(I,I)
269 NOFLAGMIG4
270 NOFLAGSTD
271 INTDATE(ANSI)
272 LANGUAGE(EN)
273 LIB
274 LINECOUNT(60)
275 NOLIST
276 NOMAP
277 NOMDECK

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278 NONAME
 279 NSYMBOL(NATIONAL)
 280 NONUMBER
 281 NUMPROC(NOPFD)
 282 OBJECT
 283 NOOFFSET
 284 NOOPTIMIZE
 285 OUTDD(SYSOUT)
 286 PGMNAME(COMPAT)
 287 RENT
 288 RMODE(AUTO)
 289 SEQUENCE
 290 SIZE(2097152)
 291 SOURCE
 292 SPACE(1)
 293 NOSQL
 294 SQLCCSID
 295 NOSSRANGE
 296 NOTERM
 297 TEST(HOOK,NOSEPARATE,NOEJPD)
 298 NOTHREAD
 299 TRUNC(STD)
 300 PP 5655-S71 IBM Enterprise COBOL for z/OS 4.2.0
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Date 01/27/2023 Time

301 NOVBREF
 302 NOWORD
 303 XMLPARSE(XMLSS)
 304 XREF(FULL)
 305 NOZONECHECK
 306 YEARWINDOW(1900)
 307 ZWB

308 PP 5655-S71 IBM Enterprise COBOL for z/OS 4.2.0
 11:11:43 Page 3

CMFLOFEC Date 01/27/2023 Time

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

310 /* CMFLOFEC

311 000001 IDENTIFICATION DIVISION.
 312 000002 PROGRAM-ID. CMFLOFEC.
 313 000003 AUTHOR. David Osagiede.
 314 000004 DATE-WRITTEN. 1/13/2023.
 315 000005 *PROGRAM DESCRIPTION:
 316 000006 *Checks to see if the CM-FILE open successfully, if
 317 000007 *it already had data loaded previously or if it failed
 318 000008 ENVIRONMENT DIVISION.
 319 000009 INPUT-OUTPUT SECTION.
 320 000010 *
 321 000011 FILE-CONTROL.
 322 000012 SELECT CM-INPUT ASSIGN TO CMDATA

24

323 000013 ORGANIZATION IS SEQUENTIAL
 324 000014 FILE STATUS IS WS-INFILE-SW.

52

325 000015
 326 000016 SELECT CM-FILE ASSIGN TO OUTFILE

38

327 000017 RECORD KEY IS CM-KEY

42

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328 000018 ORGANIZATION IS INDEXED
329 000019 ACCESS MODE IS SEQUENTIAL
330 000020 FILE STATUS IS WS-OUTFILE-SW.

55
331 000021 *
332 000022 DATA DIVISION.
333 000023 FILE SECTION.
334 000024 FD CM-INPUT
335 000025 RECORDING MODE IS F
336 000026 RECORD CONTAINS 118 CHARACTERS
337 000027 DATA RECORD IS CM-INPUT-RECORD.
*
338 000028 01 CM-INPUT-RECORD.
339 000029 05 CM-KEY-IN.
340 000030 10 CM-CUSTOMER-NUMBER PIC X(6).
341 000031 05 CM-FIRST-NAME PIC X(20).
342 000032 05 CM-LAST-NAME PIC X(30).
343 000033 05 CM-ADDRESS PIC X(30).
344 000034 05 CM-CITY PIC X(20).
345 000035 05 CM-STATE PIC X(2).
346 000036 05 CM-ZIP-CODE PIC X(10).
347 000037
348 000038 FD CM-FILE
349 000039 RECORD CONTAINS 118 CHARACTERS
350 000040 DATA RECORD IS CM-FILE-RECORD.
*
351 000041 01 CM-FILE-RECORD.
352 000042 05 CM-KEY.
353 000043 10 CM-CUSTOMER-NUMBER PIC X(6).
354 000044 05 CM-FIRST-NAME PIC X(20).
355 000045 05 CM-LAST-NAME PIC X(30).
356 000046 05 CM-ADDRESS PIC X(30).
357 000047 05 CM-CITY PIC X(20).
358 000048 05 CM-STATE PIC X(2).
359 000049 05 CM-ZIP-CODE PIC X(10).
360 000050 *
361 000051 WORKING-STORAGE SECTION.
362 000052 01 WS-INFILE-SW PIC X(02) VALUE SPACES.
IMP
363 000053 88 WS-INFILE-SUCCESS VALUE '00'.
364 000054 88 WS-INFILE-EOF VALUE '10'.
365 000055 01 WS-OUTFILE-SW PIC X(02) VALUE SPACES.
IMP
366 000056 88 WS-OUTFILE-SUCCESS VALUE '00'.
367 PP 5655-S71 IBM Enterprise COBOL for z/OS 4.2.0 CMFLOFEC Date 01/27/2023 Time
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368 LineID PL SL ----+*A-1-B--+----2----+----3----+----4----+----5----+----6----+----7-|--
+----8 Map and Cross Reference
369 000057 88 WS-OUTFILE-IOERROR VALUE '37'.
370 000058 88 WS-OUTFILE-EOF VALUE '10'.
371 000059 01 WS-CM-REC PIC X(118).
372 000060 01 WS-EOF-SW-IN PIC X(01) VALUE 'N'.
373 000061 88 WS-EOF-IN-NO VALUE 'N'.
374 000062 88 WS-EOF-IN-YES VALUE 'Y'.
375 000063 01 WS-EOF-SW-OUT PIC X(01) VALUE 'N'.
376 000064 88 WS-EOF-OUT-NO VALUE 'N'.
377 000065 88 WS-EOF-OUT-YES VALUE 'Y'.

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378 000066      01 WS-NBR                      PIC 9      VALUE 0.
379 000067      *
380 000068      PROCEDURE DIVISION.
381 000069      000-MAIN-PARA.
382 000070          MOVE SPACE TO WS-INFILE-SW
          IMP 52
383 000071                      WS-OUTFILE-SW
          55
384 000072                      WS-CM-REC.
          59
385 000073      *
386 000074          OPEN INPUT CM-INPUT.
          24
387 000075          IF WS-INFILE-SUCCESS
          53
388 000076      1          DISPLAY "CM-INPUT OPEN SUCCESSFUL"
389 000077      ELSE
390 000078      1          DISPLAY "WS-INFILE-SW=" WS-INFILE-SW
          52
391 000079      1          DISPLAY "CM-INPUT OPEN ERROR"
392 000080      1          PERFORM 800-PROGRAM-FAILED
          128
393 000081          END-IF.
394 000082      *
395 000083          OPEN OUTPUT CM-FILE.
          38
396 000084          IF WS-OUTFILE-SUCCESS
          56
397 000085      1          DISPLAY "CM-FILE OPEN SUCCESSFUL"
398 000086      1          ELSE IF WS-OUTFILE-IOERROR
          57
399 000087      2          DISPLAY "WS-OUTFILE-SW=" WS-OUTFILE-SW
          55
400 000088      2          DISPLAY "CM-FILE IOERROR - OPEN OUTPUT SHOULD BE "
401 000089      2          "OPEN INPUT OR I-O OR EXTEND "
402 000090      2          DISPLAY "- DATA MAY ALREADY HAVE BEEN LOADED PREVIOUSLY"
403 000091      2          DISPLAY "- DELETE AND INITIALIZE FILE TO RELOAD DATA"
404 000092      2          PERFORM 800-PROGRAM-FAILED
          128
405 000093      1          ELSE
406 000094      2          DISPLAY "WS-OUTFILE-SW=" WS-OUTFILE-SW
          55
407 000095      2          DISPLAY "CM-FILE OPENING ERROR"
408 000096      2          PERFORM 800-PROGRAM-FAILED
          128
409 000097      1          END-IF.
410 000098      *
411 000099          READ CM-INPUT
          24
412 000100      1          AT END MOVE 'Y' TO WS-EOF-SW-IN.
          60
413 000101      *
414 000102          IF WS-EOF-IN-NO THEN
          61
415 000103      1          DISPLAY "1ST READ CM-INPUT-RECORD=" CM-INPUT-RECORD
          28
416 000104      *
```



```

417 000105      1      PERFORM 100-LOAD-PARA
      114
418 000106      1      UNTIL WS-EOF-IN-YES
      62
419 000107      ELSE
420 000108      1      DISPLAY "NO DATA IN CM-INPUT"
421 000109      1      PERFORM 800-PROGRAM-FAILED
      128
422 000110      END-IF.
423 000111      *
424 000112      PERFORM 900-COMPLETED-OK.
      133
425 000113      *
426 PP 5655-S71 IBM Enterprise COBOL for z/OS  4.2.0      CMFLOFEC  Date 01/27/2023  Time
      11:11:43  Page    5
427 LineID  PL SL  ----+*A-1-B--+----2----+----3----+----4----+----5----+----6----+----7-|--
+----8 Map and Cross Reference
428 000114      100-LOAD-PARA.
429 000115      *
430 000116      WRITE CM-FILE-RECORD FROM CM-INPUT-RECORD.
      41 28
431 000117      DISPLAY "WRITE TO CM-FILE".
432 000118      *
433 000119      READ CM-INPUT
      24
434 000120      1      AT END MOVE 'Y' TO WS-EOF-SW-IN.
      60
435 000121      *
436 000122      IF WS-EOF-IN-NO THEN
      61
437 000123      1      DISPLAY "NTH READ CM-INPUT-RECORD=" CM-INPUT-RECORD
      28
438 000124      ELSE
439 000125      1      DISPLAY "EOF CM-INPUT"
440 000126      END-IF.
441 000127      *
442 000128      800-PROGRAM-FAILED.
443 000129      DISPLAY "PROGRAM TERMINATED WITH DIVIDE BY ZERO!".
444 000130      DISPLAY "CHECK ERROR MESSAGES IN SYSOUT PART OF JOB SUMMARY".
445 000131      COMPUTE WS-NBR = WS-NBR / WS-NBR.
      66 66 66
446 000132      *
447 000133      900-COMPLETED-OK.
448 000134      DISPLAY "PROGRAM COMPLETED OK".
449 000135      STOP RUN.
450 000136      *
451 */ CMFLOFEC
452 PP 5655-S71 IBM Enterprise COBOL for z/OS  4.2.0      CMFLOFEC  Date 01/27/2023  Time
      11:11:43  Page    6
453 An "M" preceding a data-name reference indicates that the data-name is modified by this
reference.
454
455 Defined      Cross-reference of data names      References
456
457      33      CM-ADDRESS
458      46      CM-ADDRESS
459      34      CM-CITY

```

```

460      47  CM-CITY
461      30  CM-CUSTOMER-NUMBER
462      43  CM-CUSTOMER-NUMBER
463      38  CM-FILE. . . . . 16 83
464      41  CM-FILE-RECORD . . . . . M116
465      31  CM-FIRST-NAME
466      44  CM-FIRST-NAME
467      24  CM-INPUT . . . . . 12 74 99 119
468      28  CM-INPUT-RECORD. . . . . 103 116 123
469      42  CM-KEY . . . . . 17
470      29  CM-KEY-IN
471      32  CM-LAST-NAME
472      45  CM-LAST-NAME
473      35  CM-STATE
474      48  CM-STATE
475      36  CM-ZIP-CODE
476      49  CM-ZIP-CODE
477      59  WS-CM-REC. . . . . M72
478      61  WS-EOF-IN-NO . . . . . 102 122
479      62  WS-EOF-IN-YES. . . . . 106
480      64  WS-EOF-OUT-NO
481      65  WS-EOF-OUT-YES
482      60  WS-EOF-SW-IN . . . . . M100 M120
483      63  WS-EOF-SW-OUT
484      54  WS-INFILE-EOF
485      53  WS-INFILE-SUCCESS. . . . . 75
486      52  WS-INFILE-SW . . . . . 14 M70 78
487      66  WS-NBR . . . . . M131 131 131
488      58  WS-OUTFILE-EOF
489      57  WS-OUTFILE-IOERROR . . . . . 86
490      56  WS-OUTFILE-SUCCESS . . . . . 84
491      55  WS-OUTFILE-SW. . . . . 20 M71 87 94

```

492 PP 5655-S71 IBM Enterprise COBOL for z/OS 4.2.0 CMFLOFEC Date 01/27/2023 Time
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493 Context usage is indicated by the letter preceding a procedure-name reference.

494 These letters and their meanings are:

```

495      A = ALTER (procedure-name)
496      D = GO TO (procedure-name) DEPENDING ON
497      E = End of range of (PERFORM) through (procedure-name)
498      G = GO TO (procedure-name)
499      P = PERFORM (procedure-name)
500      T = (ALTER) TO PROCEED TO (procedure-name)
501      U = USE FOR DEBUGGING (procedure-name)

```

502
503 Defined Cross-reference of procedures References

```

504
505      69  000-MAIN-PARA
506      114 100-LOAD-PARA. . . . . P105
507      128 800-PROGRAM-FAILED . . . . . P80 P92 P96 P109
508      133 900-COMPLETED-OK . . . . . P112

```

509 PP 5655-S71 IBM Enterprise COBOL for z/OS 4.2.0 CMFLOFEC Date 01/27/2023 Time
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510 Defined Cross-reference of programs References

511
512 2 CMFLOFEC

513 * Statistics for COBOL program CMFLOFEC:

514 * Source records = 136

515* Data Division statements = 33
 516* Procedure Division statements = 39
 517End of compilation 1, program CMFLOFEC, no statements flagged.
 518Return code 0
 519z/OS V2 R4 BINDER 11:11:44 FRIDAY JANUARY 27, 2023
 520BATCH EMULATOR JOB(CMFLEFEC) STEP(COBOL) PGM= IEWBLINK PROCEDURE(LKED)

521

522

523

524

*** OPERATION SUMMARY REPORT ***

525

526 PROCESSING OPTIONS:

527

528	ALIASES	NO
529	ALIGN2	NO
530	AMODE	UNSPECIFIED
531	CALL	YES
532	CASE	UPPER
533	COMPAT	UNSPECIFIED
534	COMPRESS	AUTO
535	DCBS	NO
536	DYNAM	NO
537	EXTATTR	UNSPECIFIED
538	EXITS:	NONE
539	FILL	NONE
540	GID	UNSPECIFIED
541	HOBSET	NO
542	INFO	NO
543	LET	04
544	LINECT	060
545	LIST	SUMMARY
546	LISTPRIV	NO
547	LONGPARM	NO
548	MAP	NO
549	MAXBLK	032760
550	MODMAP	NO
551	MSGLEVEL	00
552	OVLY	NO
553	PRINT	YES
554	RES	NO
555	REUSABILITY	UNSPECIFIED
556	RMODE	UNSPECIFIED
557	RMODEX	NO
558	SIGN	NO
559	STORENX	NOREPLACE
560	STRIPCL	NO
561	STRIPSEC	NO
562	SYMTRACE	
563	TERM	NO
564	TRAP	ON
565	UID	UNSPECIFIED
566	UPCASE	NO
567	WKSPACE	000000K,000000K
568	XCAL	NO
569	XREF	NO

570 ***END OF OPTIONS***

571

572

573

574

575 SAVE OPERATION SUMMARY:

576

577	MEMBER NAME	CMFLOFEC
578	LOAD LIBRARY	KC03FEC.COBOL.LOADLIB
579	PROGRAM TYPE	PROGRAM OBJECT(FORMAT 2)
580	VOLUME SERIAL	KCTR00
581	DISPOSITION	REPLACED
582	TIME OF SAVE	11.11.45 JAN 27, 2023

583

584

585 SAVE MODULE ATTRIBUTES:

586

587	AC	000
588	AMODE	31
589	COMPRESSION	NONE
590	DC	NO
591	EDITABLE	YES
592	EXCEEDS 16MB	NO
593	EXECUTABLE	YES
594	LONGPARM	NO
595	MIGRATABLE	YES
596	OL	NO
597	OVLY	NO
598	PACK,PRIME	NO,NO
599	PAGE ALIGN	NO
600	REFR	NO
601	RENT	NO
602	REUS	NO
603	RMODE	ANY
604	SCTR	NO
605	SIGN	NO
606	SSI	
607	SYM GENERATED	NO
608	TEST	NO
609	XPLINK	NO
610	MODULE SIZE (HEX)	00005070
611	DASD SIZE (HEX)	0000B000

612

613

614 ENTRY POINT AND ALIAS SUMMARY:

615

616 NAME:	ENTRY TYPE	AMODE	C_OFFSET	CLASS	NAME	STATUS
617						
618 CMFLOFEC	MAIN_EP	31	00000000	B_TEXT		

619

620 *** 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 ***

621

622

623

624

625 z/OS V2 R4 BINDER 11:11:44 FRIDAY JANUARY 27, 2023

626 BATCH EMULATOR JOB(CMFLEFEC) STEP(COBOL) PGM= IEWBLINK PROCEDURE(LKED)

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

628

629
630
631 -----
632 MESSAGE SUMMARY REPORT
633 -----
634 TERMINAL MESSAGES (SEVERITY = 16)
635 NONE
636
637 SEVERE MESSAGES (SEVERITY = 12)
638 NONE
639
640 ERROR MESSAGES (SEVERITY = 08)
641 NONE
642
643 WARNING MESSAGES (SEVERITY = 04)
644 NONE
645
646 INFORMATIONAL MESSAGES (SEVERITY = 00)
647 2008
648
649
650 ***** END OF MESSAGE SUMMARY REPORT *****
651
652