

J E S 2 J O B L O G -- S Y S T E M 8 5 6 1
-- N O D E S V S C J E S 2

18.24.47 JOB01975 ----- MONDAY, 11 NOV 2024 -----

18.24.47 JOB01975 IRR010I USERID KC03F2A IS ASSIGNED TO THIS JOB.

18.24.47 JOB01975 IEF677I WARNING MESSAGE(S) FOR JOB CMFLEF2A ISSUED

18.24.49 JOB01975 ICH70001I KC03F2A LAST ACCESS AT 18:05:50 ON MONDAY, NOVEMBER 11, 2024

18.24.49 JOB01975 \$HASP373 CMFLEF2A STARTED - INIT 1 - CLASS A - SYS 8561

18.24.53 JOB01975 -

TIMINGS (MINS.)-----

-----PAGING

COUNTS-----

18.24.53	JOB01975	-STEPNAME	PROCSTEP	RC	EXCP	CONN	TCB
SRB	CLOCK	SERV	WORKLOAD	PAGE	SWAP	VIO	SWAPS
18.24.53	JOB01975	-COBOL	COBOL	00	15513	207	.00
.00	.0	84	BATCH	0	0	0	0
18.24.53	JOB01975	-COBOL	LKED	00	412	42	.00
.00	.0	75	BATCH	0	0	0	0

18.24.53 JOB01975 -CMFLEF2A ENDED. NAME-

TOTAL TCB CPU TIME= .00 TOTAL ELAPSED TIME= .0

18.24.53 JOB01975 \$HASP395 CMFLEF2A ENDED - RC=0000

----- JES2 JOB STATISTICS -----

11 NOV 2024 JOB EXECUTION DATE

14 CARDS READ

668 SYSOUT PRINT RECORDS

0 SYSOUT PUNCH RECORDS

41 SYSOUT SPOOL KBYTES

0.10 MINUTES EXECUTION TIME

1 //CMFLEF2A JOB

JOB01975

/* COMPILE/LKED VSAM DATA LOAD PROGRAM

2 //COBOL EXEC PROC=IGYWCL,

//

PARM.COBL= 'TEST,RENT,APOST,OBJECT,NODYNAM,LIB,SIZE(2097152) '

3 XXIGYWCL PROC LNGPRFX='IGY630',

00001000

```
      XX          LIBPRFX='CEE',
00002000
      XX          PGMLIB='&&GOSET',GOPGM=GO
00003000
      XX*
00004000

XX*****
**** 00005000
      XX*
* 00006000
      XX*  IBM Enterprise COBOL for z/OS
* 00007000
      XX*          Version 6 Release 3 Modification 0
* 00008000
      XX*
* 00009000
      XX*  LICENSED MATERIALS – PROPERTY OF IBM.
* 00010000
      XX*
* 00011000
      XX*  5655-EC6 COPYRIGHT IBM CORP. 1983, 2019
* 00012000
      XX*
* 00013000
      XX*  US GOVERNMENT USERS RESTRICTED RIGHTS – USE,
* 00014000
      XX*  DUPLICATION OR DISCLOSURE RESTRICTED BY GSA
* 00015000
      XX*  ADP SCHEDULE CONTRACT WITH IBM CORP.
* 00016000
      XX*
* 00017000

XX*****
**** 00018000
      XX*
00019000
      XX*  COMPILE AND LINK EDIT A COBOL PROGRAM
```

```

00020000
      XX*
00021000
      XX*  PARAMETER  DEFAULT VALUE  USAGE
00022000
      XX*    LNGPRFX  IGY630          PREFIX FOR LANGUAGE DATA
SET NAMES 00023000
      XX*    LIBPRFX  CEE             PREFIX FOR LIBRARY DATA
SET NAMES 00024000
      XX*    PGMLIB   &&GOSET         DATA SET NAME FOR LOAD
MODULE    00025000
      XX*    GOPGM    GO             MEMBER NAME FOR LOAD
MODULE    00026000
      XX*
00027000
      XX*  CALLER MUST SUPPLY //COBOL.SYSIN DD ...
00028000
      XX*
00029000
      XX*  CALLER MUST ALSO SUPPLY //COBOL.SYSLIB DD ... for
COPY statements 00030000
      XX*
00031000
      XX*  NOTE:  SYSUT* datasets must be single-volume
datasets      00032000
      XX*
00033000
4 XXCOBOL  EXEC PGM=IGYCRCTL,REGION=0M
00034000
5 //COBOL.STEPLIB DD DSN=IGY630.SIGYCOMP,
//      DISP=SHR
X/STEPLIB DD DSNAME=&LNGPRFX..SIGYCOMP,DISP=SHR
00035000
      IEFC653I SUBSTITUTION JCL -
DSNAME=IGY630.SIGYCOMP,DISP=SHR
6 XX      DD DSNAME=&LIBPRFX..SCEERUN,DISP=SHR
00036000
      IEFC653I SUBSTITUTION JCL - DSNAME=CEE.SCEERUN,DISP=SHR
7 XX      DD DSNAME=&LIBPRFX..SCEERUN2,DISP=SHR

```

00037000

IEFC653I SUBSTITUTION JCL - DSN=CEE.SCEERUN2,DISP=SHR

8 XXSYSPRINT DD SYSOUT=*

00038000

9 XXSYSLIN DD DSN=&&LOADSET,UNIT=SYSALLDA,

00039000

XX DISP=(MOD,PASS),SPACE=(CYL,
(1,1)),VOL=(,,,1) 00040000

10 XXSYSUT1 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1)),VOL=(,,,1)

00041000

11 XXSYSUT2 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1)),VOL=(,,,1)

00042000

12 XXSYSUT3 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1)),VOL=(,,,1)

00043000

13 XXSYSUT4 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1)),VOL=(,,,1)

00044000

14 XXSYSUT5 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1)),VOL=(,,,1)

00045000

15 XXSYSUT6 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1)),VOL=(,,,1)

00046000

16 XXSYSUT7 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1)),VOL=(,,,1)

00047000

17 XXSYSUT8 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1)),VOL=(,,,1)

00048000

18 XXSYSUT9 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1)),VOL=(,,,1)

00049000

19 XXSYSUT10 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1)),VOL=(,,,1)

00050000

20 XXSYSUT11 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1)),VOL=(,,,1)

00051000

21 XXSYSUT12 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1)),VOL=(,,,1)

00052000

22 XXSYSUT13 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1)),VOL=(,,,1)

00053000

23 XXSYSUT14 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1)),VOL=(,,,1)

00054000

24 XXSYSUT15 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1)),VOL=(,,,1)

00055000

25 XXSYSMDECK DD UNIT=SYSALLDA,SPACE=(CYL,(1,1)),VOL=(,,,1)

00056000

26 //COBOL.SYSLIB DD

DSN=KC03F2A.DCMAFD02.A5P1.COBOL,DISP=SHR

27 //COBOL.SYSIN DD

DSN=KC03F2A.DCMAFD02.A5P1.COBOL(CMFLOF2A),DISP=SHR

28 XXLKED EXEC PGM=IEWBLINK,COND=(8,LT,COBOL),REGION=0M

00057000

29 XXSYSLIB DD DSNNAME=&LIBPRFX..SCEELKEX,DISP=SHR

00058000

IEFC653I SUBSTITUTION JCL - DSNNAME=CEE.SCEELKEX,DISP=SHR

30 XX DD DSNNAME=&LIBPRFX..SCEELKED,DISP=SHR

00059000

IEFC653I SUBSTITUTION JCL - DSNNAME=CEE.SCEELKED,DISP=SHR

31 XXSYSPRINT DD SYSOUT=*

00060000

32 XXSYSLIN DD DSNNAME=&&LOADSET,DISP=(OLD,DELETE)

00061000

33 XX DD DDNAME=SYSIN

00062000

34 //LKED.SYSLMOD DD

DSN=KC03F2A.DCMAFD02.COBOL.LOADLIB(CMFLOF2A),

// DISP=OLD

X/SYSLMOD DD DSNNAME=&PGMLIB(&GOPGM),

00063000

X/ SPACE=(CYL,(1,1,1)),

00064000

X/

UNIT=SYSALLDA,DISP=(MOD,PASS),DSNTYPE=LIBRARY

00065000

// DECLARE DATASET THAT CONTAINS SOURCE CODE

//

// DECLARE PDS MEMBER TO STORE LOAD MODULE

/*

IEFC653I SUBSTITUTION JCL -

DSNAME=&&GOSET(GO),SPACE=(CYL,
(1,1,1)),UNIT=SYSALLDA,DISP=(MOD,PASS),

DSNTYPE=LIBRARY

STMT NO. MESSAGE

2 IEFC001I PROCEDURE IGYWCL WAS EXPANDED USING SYSTEM
LIBRARY SVTSC.PROCLIB

34 IEF686I DDNAME REFERRED TO ON DDNAME KEYWORD IN PRIOR
STEP WAS NOT RESOLVED

ICH7000I KC03F2A LAST ACCESS AT 18:05:50 ON MONDAY, NOVEMBER 11,
2024

IEFA111I CMFLEF2A IS USING THE FOLLOWING JOB RELATED SETTINGS:
SWA=ABOVE,TIOT SIZE=32K,DSNQSHR=DISALLOW,GDGBIAS=JOB

IEF236I ALLOC. FOR CMFLEF2A COBOL COBOL

IEF237I 1A76 ALLOCATED TO STEPLIB

IEF237I 1001 ALLOCATED TO

IEF237I 1001 ALLOCATED TO

IEF237I JES2 ALLOCATED TO SYSPRINT

IGD101I SMS ALLOCATED TO DDNAME (SYSLIN)
DSN (SYS24316.T182447.RA000.CMFLEF2A.LOADSET.H01)
STORCLAS (TEMPSC) MGMTCLAS () DATACLAS ()
VOL SER NOS= KCTR01

IGD101I SMS ALLOCATED TO DDNAME (SYSUT1)
DSN (SYS24316.T182447.RA000.CMFLEF2A.R0151198)
STORCLAS (TEMPSC) MGMTCLAS () DATACLAS ()
VOL SER NOS= KCTR01

IGD101I SMS ALLOCATED TO DDNAME (SYSUT2)
DSN (SYS24316.T182447.RA000.CMFLEF2A.R0151199)
STORCLAS (TEMPSC) MGMTCLAS () DATACLAS ()
VOL SER NOS= KCTR01

IGD101I SMS ALLOCATED TO DDNAME (SYSUT3)
DSN (SYS24316.T182447.RA000.CMFLEF2A.R0151200)
STORCLAS (TEMPSC) MGMTCLAS () DATACLAS ()
VOL SER NOS= KCTR01

IGD101I SMS ALLOCATED TO DDNAME (SYSUT4)
DSN (SYS24316.T182447.RA000.CMFLEF2A.R0151201)
STORCLAS (TEMPSC) MGMTCLAS () DATACLAS ()
VOL SER NOS= KCTR01

IGD101I SMS ALLOCATED TO DDNAME (SYSUT5)
DSN (SYS24316.T182447.RA000.CMFLEF2A.R0151202)
STORCLAS (TEMPSC) MGMTCLAS () DATACLAS ()
VOL SER NOS= KCTR01

IGD101I SMS ALLOCATED TO DDNAME (SYSUT6)
DSN (SYS24316.T182447.RA000.CMFLEF2A.R0151203)
STORCLAS (TEMPSC) MGMTCLAS () DATACLAS ()
VOL SER NOS= KCTR01

IGD101I SMS ALLOCATED TO DDNAME (SYSUT7)
DSN (SYS24316.T182447.RA000.CMFLEF2A.R0151204)
STORCLAS (TEMPSC) MGMTCLAS () DATACLAS ()
VOL SER NOS= KCTR01

IGD101I SMS ALLOCATED TO DDNAME (SYSUT8)
DSN (SYS24316.T182447.RA000.CMFLEF2A.R0151205)
STORCLAS (TEMPSC) MGMTCLAS () DATACLAS ()
VOL SER NOS= KCTR01

IGD101I SMS ALLOCATED TO DDNAME (SYSUT9)
DSN (SYS24316.T182447.RA000.CMFLEF2A.R0151206)
STORCLAS (TEMPSC) MGMTCLAS () DATACLAS ()
VOL SER NOS= KCTR01

IGD101I SMS ALLOCATED TO DDNAME (SYSUT10)
DSN (SYS24316.T182447.RA000.CMFLEF2A.R0151207)
STORCLAS (TEMPSC) MGMTCLAS () DATACLAS ()
VOL SER NOS= KCTR01

IGD101I SMS ALLOCATED TO DDNAME (SYSUT11)
DSN (SYS24316.T182447.RA000.CMFLEF2A.R0151208)
STORCLAS (TEMPSC) MGMTCLAS () DATACLAS ()
VOL SER NOS= KCTR01

IGD101I SMS ALLOCATED TO DDNAME (SYSUT12)
DSN (SYS24316.T182447.RA000.CMFLEF2A.R0151209)
STORCLAS (TEMPSC) MGMTCLAS () DATACLAS ()
VOL SER NOS= KCTR01

IGD101I SMS ALLOCATED TO DDNAME (SYSUT13)
DSN (SYS24316.T182447.RA000.CMFLEF2A.R0151210)
STORCLAS (TEMPSC) MGMTCLAS () DATACLAS ()
VOL SER NOS= KCTR01

IGD101I SMS ALLOCATED TO DDNAME (SYSUT14)
DSN (SYS24316.T182447.RA000.CMFLEF2A.R0151211)
STORCLAS (TEMPSC) MGMTCLAS () DATACLAS ()
VOL SER NOS= KCTR01

IGD101I SMS ALLOCATED TO DDNAME (SYSUT15)
DSN (SYS24316.T182447.RA000.CMFLEF2A.R0151212)
STORCLAS (TEMPSC) MGMTCLAS () DATACLAS ()
VOL SER NOS= KCTR01

IGD101I SMS ALLOCATED TO DDNAME (SYSMDECK)
DSN (SYS24316.T182447.RA000.CMFLEF2A.R0151213)
STORCLAS (TEMPSC) MGMTCLAS () DATACLAS ()

```
      VOL SER NOS= KCTR01
IGD103I SMS ALLOCATED TO DDNAME SYSLIB
IGD103I SMS ALLOCATED TO DDNAME SYSIN
IEF142I CMFLEF2A COBOL COBOL - STEP WAS EXECUTED - COND CODE 0000
IEF285I   IGY630.SIGYCOMP                      KEPT
IEF285I   VOL SER NOS= VTIGYL.
IEF285I   CEE.SCEERUN                          KEPT
IEF285I   VOL SER NOS= VTMVSC.
IEF285I   CEE.SCEERUN2                        KEPT
IEF285I   VOL SER NOS= VTMVSC.
IEF285I   KC03F2A.CMFLEF2A.JOB01975.D0000101.?  SYSOUT
IGD106I SYS24316.T182447.RA000.CMFLEF2A.LOADSET.H01 PASSED,
DDNAME=SYSLIN
IGD105I SYS24316.T182447.RA000.CMFLEF2A.R0151198 DELETED,
DDNAME=SYSUT1
IGD105I SYS24316.T182447.RA000.CMFLEF2A.R0151199 DELETED,
DDNAME=SYSUT2
IGD105I SYS24316.T182447.RA000.CMFLEF2A.R0151200 DELETED,
DDNAME=SYSUT3
IGD105I SYS24316.T182447.RA000.CMFLEF2A.R0151201 DELETED,
DDNAME=SYSUT4
IGD105I SYS24316.T182447.RA000.CMFLEF2A.R0151202 DELETED,
DDNAME=SYSUT5
IGD105I SYS24316.T182447.RA000.CMFLEF2A.R0151203 DELETED,
DDNAME=SYSUT6
IGD105I SYS24316.T182447.RA000.CMFLEF2A.R0151204 DELETED,
DDNAME=SYSUT7
IGD105I SYS24316.T182447.RA000.CMFLEF2A.R0151205 DELETED,
DDNAME=SYSUT8
IGD105I SYS24316.T182447.RA000.CMFLEF2A.R0151206 DELETED,
DDNAME=SYSUT9
IGD105I SYS24316.T182447.RA000.CMFLEF2A.R0151207 DELETED,
DDNAME=SYSUT10
IGD105I SYS24316.T182447.RA000.CMFLEF2A.R0151208 DELETED,
DDNAME=SYSUT11
IGD105I SYS24316.T182447.RA000.CMFLEF2A.R0151209 DELETED,
DDNAME=SYSUT12
IGD105I SYS24316.T182447.RA000.CMFLEF2A.R0151210 DELETED,
DDNAME=SYSUT13
```



```
IGD105I SYS24316.T182447.RA000.CMFLEF2A.R0151211 DELETED,
DDNAME=SYSUT14
IGD105I SYS24316.T182447.RA000.CMFLEF2A.R0151212 DELETED,
DDNAME=SYSUT15
IGD105I SYS24316.T182447.RA000.CMFLEF2A.R0151213 DELETED,
DDNAME=SYSMDECK
IGD104I KC03F2A.DCMAFD02.A5P1.COBOL RETAINED,
DDNAME=SYSLIB
IGD104I KC03F2A.DCMAFD02.A5P1.COBOL RETAINED,
DDNAME=SYSIN
IEF373I STEP/COBOL /START 2024316.1824
IEF032I STEP/COBOL /STOP 2024316.1824
CPU: 0 HR 00 MIN 00.04 SEC SRB: 0 HR 00 MIN
00.00 SEC
VIRT: 572K SYS: 540K EXT: 146788K SYS: 15724K
ATB- REAL: 8104K SLOTS:
0K
VIRT- ALLOC: 538M SHRD: 0M
IEF236I ALLOC. FOR CMFLEF2A LKED COBOL
IEF237I 1001 ALLOCATED TO SYSLIB
IEF237I 1001 ALLOCATED TO
IEF237I JES2 ALLOCATED TO SYSPRINT
IGD103I SMS ALLOCATED TO DDNAME SYSLIN
IEF237I DMY ALLOCATED TO
IGD103I SMS ALLOCATED TO DDNAME SYSLMOD
IEF142I CMFLEF2A LKED COBOL - STEP WAS EXECUTED - COND CODE 0000
IEF285I CEE.SCEELKEX KEPT
IEF285I VOL SER NOS= VTMVSC.
IEF285I CEE.SCEELKED KEPT
IEF285I VOL SER NOS= VTMVSC.
IEF285I KC03F2A.CMFLEF2A.JOB01975.D0000102.? SYSOUT
IGD105I SYS24316.T182447.RA000.CMFLEF2A.LOADSET.H01 DELETED,
DDNAME=SYSLIN
IGD104I KC03F2A.DCMAFD02.COBOL.LOADLIB RETAINED,
DDNAME=SYSLMOD
IEF373I STEP/LKED /START 2024316.1824
IEF032I STEP/LKED /STOP 2024316.1824
CPU: 0 HR 00 MIN 00.01 SEC SRB: 0 HR 00 MIN
00.00 SEC
```

VIRT: 88K SYS: 296K EXT: 1768K SYS: 11832K
ATB- REAL: 1292K SLOTS:

0K

VIRT- ALLOC: 20M SHRD: 0M

IEF375I JOB/CMFLEF2A/START 2024316.1824

IEF033I JOB/CMFLEF2A/STOP 2024316.1824

CPU: 0 HR 00 MIN 00.05 SEC SRB: 0 HR 00 MIN

00.00 SEC

PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P230918

Date 11/11/2024 Time 18:24:50 Page 1

Invocation parameters:

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

IGY0S4090-I The "LIB" option specification is no longer required. COBOL library processing is always in effect.

IGY0S4013-I The "SIZE" option is no longer supported.

Options in effect:

NOADATA

ADV

AFP(NOVOLATILE)

APOST

ARCH(8)

ARITH(COMPAT)

NOAWO

NOBLOCK0

BUFSIZE(4096)

NOCICS

CODEPAGE(1140)

NOCOMPILE(S)

CONDCOMP(NOSKIPSRC)

NOCOPYLOC

NOCOPYRIGHT

NOCURRENCY

DATA(31)

DBCS

NODECK

```
NODEFINE
NODIAGTRUNC
  DISPSIGN(COMPAT)
NODLL
NODUMP
NODYNAM
NOEXIT
NOEXPORTALL
NOFASTSRT
  FLAG(I,I)
NOFLAGSTD
  HGPR(PRESERVE)
NOINITCHECK
NOINITIAL
  INLINE
  INTDATE(ANSI)
NOINVDATA
  LANGUAGE(EN)
  LINECOUNT(60)
NOLIST
  LP(32)
NOMAP
  MAXPCF(100000)
NOMDECK
NONAME
  NSYMBOL(NATIONAL)
NONUMBER
NONUMCHECK
  NUMPROC(NOPFD)
PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P230918
Date 11/11/2024 Time 18:24:50 Page 2
  OBJECT
NOOFFSET
  OPTIMIZE(0)
  OUTDD(SYSOUT)
NOPARMCHECK
  PGMNAME(COMPAT)
  QUALIFY(COMPAT)
  RENT
```

```

        RMODE(AUTO)
NORULES
NOSERVICE
        SEQUENCE
        SOURCE(DEC)
        SPACE(1)
NOSQL
        SQLCCSID
NOSQLIMS
NOSSRANGE
NOSTGOPT
        SUPPRESS
NOTERM
        TEST(NOEJPD,DWARF,SOURCE,NOSEPARATE)
NOTHREAD
        TRUNC(STD)
        TUNE(8)
NOVBREF
        VLR(STANDARD)
        VSAMOPENFS(COMPAT)
NOWORD
        XMLPARSE(XMLSS)
        XREF(FULL)
        ZWB

```

PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P230918

CMFLOF2A Date 11/11/2024 Time 18:24:50 Page 3

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

/* CMFLOF2A

```

000001          IDENTIFICATION DIVISION.
000002          PROGRAM-ID. CMFLOF2A.
000003          AUTHOR. TALENT NYOTA.
000004          DATE-WRITTEN. 11-11-2024.
000005          *PROGRAM DESCRIPTION: VSAM data load program
000006          *
000007          *
000008          ENVIRONMENT DIVISION.
000009          INPUT-OUTPUT SECTION.
000010          *

```

```
000011      FILE-CONTROL.
000012      SELECT CMF-INPUT ASSIGN TO CMFDATA
24
000013      ORGANIZATION IS SEQUENTIAL
000014      FILE STATUS IS WS-INFILE-SW.
42
000015
000016      SELECT CMF-FILE ASSIGN TO OUTFILE
33
000017      RECORD KEY IS CMF-FILE-KEY
37
000018      ORGANIZATION IS INDEXED
000019      ACCESS MODE IS SEQUENTIAL
000020      FILE STATUS IS WS-OUTFILE-SW.
45
000021      *
000022      DATA DIVISION.
000023      FILE SECTION.
000024      FD CMF-INPUT
000025          RECORDING MODE IS F
000026          RECORD CONTAINS 118 CHARACTERS
000027          DATA RECORD IS CMF-INPUT-RECORD.
*
000028      01 CMF-INPUT-RECORD.
000029          05 CMF-INPUT-KEY.
000030              10 CMF-INPUT-NUMBER          PIC
X(6).
000031              05 FILLER          PIC
X(112).
000032
000033      FD CMF-FILE
000034          RECORD CONTAINS 118 CHARACTERS
000035          DATA RECORD IS CMF-FILE-RECORD.
*
000036      01 CMF-FILE-RECORD.
000037          05 CMF-FILE-KEY.
000038              10 CMF-FILE-NUMBER          PIC
X(6).
000039              05 FILLER          PIC
```

```

X(112).
000040      *
000041      WORKING-STORAGE SECTION.
000042      01 WS-INFILE-SW                      PIC
X(02)  VALUE SPACES.                      IMP
000043      88 WS-INFILE-SUCCESS
VALUE '00'.
000044      88 WS-INFILE-EOF
VALUE '10'.
000045      01 WS-OUTFILE-SW                      PIC
X(02)  VALUE SPACES.                      IMP
000046      88 WS-OUTFILE-SUCCESS
VALUE '00'.
000047      88 WS-OUTFILE-IOERROR
VALUE '37'.
000048      88 WS-OUTFILE-EOF
VALUE '10'.
000049      01 WS-CMF-REC                      PIC
X(118).
000050      01 WS-EOF-SW-IN                      PIC
X(01)  VALUE 'N'.
000051      88 WS-EOF-IN-NO
VALUE 'N'.
000052      88 WS-EOF-IN-YES
VALUE 'Y'.
000053      01 WS-EOF-SW-OUT                      PIC
X(01)  VALUE 'N'.
000054      88 WS-EOF-OUT-NO
VALUE 'N'.
000055      88 WS-EOF-OUT-YES
VALUE 'Y'.
000056      01 WS-NBR                      PIC 9
VALUE 0.
PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P230918
CMFL0F2A Date 11/11/2024 Time 18:24:50 Page 4
LineID PL SL ----+*A-1-B--+---2---+---3---+---4---
+---5---+---6---+---7-|-+---8 Map and Cross Reference
000057      *
000058      PROCEDURE DIVISION.

```

```

000059          000-MAIN-PARA.
000060          MOVE SPACE TO WS-INFILE-SW
IMP 42
000061          WS-OUTFILE-SW
45
000062          WS-CMF-REC.
49
000063          *
000064          OPEN INPUT CMF-INPUT.
24
000065          IF WS-INFILE-SUCCESS
43
000066          1          DISPLAY "CMF-INPUT OPEN SUCCESSFUL"
000067          ELSE
000068          1          DISPLAY "WS-INFILE-SW=" WS-INFILE-
SW          42
000069          1          DISPLAY "CMF-INPUT OPEN ERROR"
000070          1          PERFORM 800-PROGRAM-FAILED
120
000071          END-IF.
000072          *
000073          OPEN OUTPUT CMF-FILE.
33
000074          IF WS-OUTFILE-SUCCESS
46
000075          1          DISPLAY "CMF-FILE OPEN SUCCESSFUL"
000076          1          ELSE IF WS-OUTFILE-IOERROR
47
000077          2          DISPLAY "WS-OUTFILE-SW=" WS-
OUTFILE-SW          45
000078          2          DISPLAY "CMF-FILE IOERROR - OPEN
OUTPUT SHOULD BE "
000079          2          "OPEN INPUT OR I-O OR
EXTEND "
000080          2          DISPLAY "- DATA MAY ALREADY HAVE
BEEN LOADED PREVIOUSLY"
000081          2          DISPLAY "- DELETE AND INITIALIZE
FILE TO RELOAD DATA"
000082          2          PERFORM 800-PROGRAM-FAILED

```

```

120
  000083      1      ELSE
  000084      2      DISPLAY "WS-OUTFILE-SW=" WS-
OUTFILE-SW      45
  000085      2      DISPLAY "CMF-FILE OPENING ERROR"
  000086      2      PERFORM 800-PROGRAM-FAILED
120
  000087      1      END-IF.
  000088      *
  000089      READ CMF-INPUT
24
  000090      1      AT END MOVE 'Y' TO WS-EOF-SW-IN.
50
  000091      *
  000092      IF WS-EOF-IN-NO THEN
51
  000093      1      DISPLAY "1ST READ CMF-INPUT-
RECORD=" CMF-INPUT-RECORD      28
  000094      *
  000095      1      PERFORM 100-LOAD-PARA
106
  000096      1      UNTIL WS-EOF-IN-YES
52
  000097      ELSE
  000098      1      DISPLAY "NO DATA IN CMF-INPUT"
  000099      1      PERFORM 800-PROGRAM-FAILED
120
  000100      END-IF.
  000101      *
  000102      PERFORM 900-COMPLETED-OK.
125
  000103      *
  000104      STOP RUN.
  000105      *
  000106      100-LOAD-PARA.
  000107      *
  000108      WRITE CMF-FILE-RECORD FROM CMF-INPUT-
RECORD.      36 28
  000109      DISPLAY "WRITE TO CMF-FILE".

```



```

000110          *
000111          READ CMF-INPUT
24
000112          1          AT END MOVE 'Y' TO WS-EOF-SW-IN.
50
000113          *
PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P230918
CMFLOF2A Date 11/11/2024 Time 18:24:50 Page 5
LineID PL SL  ----+*A-1-B--+----2-----+----3-----+----4-----
+----5-----+----6-----+----7-|---+----8 Map and Cross Reference
000114          IF WS-EOF-IN-NO THEN
51
000115          1          DISPLAY "NTH READ CMF-INPUT-
RECORD=" CMF-INPUT-RECORD          28
000116          ELSE
000117          1          DISPLAY "EOF CMF-INPUT"
000118          END-IF.
000119          *
000120          800-PROGRAM-FAILED.
000121          DISPLAY "PROGRAM TERMINATED WITH DIVIDE
BY ZERO!".
000122          DISPLAY "CHECK ERROR MESSAGES IN SYSOUT
PART OF JOB SUMMARY".
000123          COMPUTE WS-NBR = WS-NBR / WS-NBR.
56 56 56
000124          *
000125          900-COMPLETED-OK.
000126          DISPLAY "PROGRAM COMPLETED OK".
000127          *
*/ CMFLOF2A
PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P230918
CMFLOF2A Date 11/11/2024 Time 18:24:50 Page 6
An "M" preceding a data-name reference indicates that the data-name
is modified by this reference.

```

Defined	Cross-reference of data names	References
---------	-------------------------------	------------

33	CMF-FILE	16 73
37	CMF-FILE-KEY	17

```

38 CMF-FILE-NUMBER
36 CMF-FILE-RECORD. . . . . M108
24 CMF-INPUT. . . . . 12 64 89 111
29 CMF-INPUT-KEY
30 CMF-INPUT-NUMBER
28 CMF-INPUT-RECORD . . . . . 93 108 115
49 WS-CMF-REC . . . . . M62
51 WS-EOF-IN-NO . . . . . 92 114
52 WS-EOF-IN-YES. . . . . 96
54 WS-EOF-OUT-NO
55 WS-EOF-OUT-YES
50 WS-EOF-SW-IN . . . . . M90 M112
53 WS-EOF-SW-OUT
44 WS-INFILE-EOF
43 WS-INFILE-SUCCESS. . . . . 65
42 WS-INFILE-SW . . . . . 14 M60 68
56 WS-NBR . . . . . M123 123 123
48 WS-OUTFILE-EOF
47 WS-OUTFILE-IOERROR . . . . . 76
46 WS-OUTFILE-SUCCESS . . . . . 74
45 WS-OUTFILE-SW. . . . . 20 M61 77 84

```

PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P230918

CMFLOF2A Date 11/11/2024 Time 18:24:50 Page 7

Context usage is indicated by the letter preceding a procedure-name reference.

These letters and their meanings are:

```

A = ALTER (procedure-name)
D = GO TO (procedure-name) DEPENDING ON
E = End of range of (PERFORM) through (procedure-name)
G = GO TO (procedure-name)
P = PERFORM (procedure-name)
T = (ALTER) TO PROCEED TO (procedure-name)
U = USE FOR DEBUGGING (procedure-name)

```

Defined	Cross-reference of procedures	References
---------	-------------------------------	------------

59	000-MAIN-PARA	
106	100-LOAD-PARA.	P95
120	800-PROGRAM-FAILED	P70 P82 P86 P99

125 900-COMPLETED-OK P102
PP 5655-EC6 IBM Enterprise COBOL for z/OS 6.3.0 P230918
CMFLOF2A Date 11/11/2024 Time 18:24:50 Page 8
Defined Cross-reference of programs References

2 CMFLOF2A
Messages Total Informational Warning Error Severe
Terminating
Printed: 2 2
* Statistics for COBOL program CMFLOF2A:
* Source records = 127
* Data Division statements = 21
* Procedure Division statements = 39
* Generated COBOL statements = 0
* Program complexity factor = 40
End of compilation 1, program CMFLOF2A, highest severity 0.
Return code 0
z/OS V2 R5 BINDER 18:24:53 MONDAY NOVEMBER 11, 2024
BATCH EMULATOR JOB(CMFLEF2A) STEP(COBOL) PGM= IEWBLINK
PROCEDURE(LKED)

*** OPERATION SUMMARY

Y REPORT ***

PROCESSING OPTIONS:

ALIASES	NO
ALIGN2	NO
AMODE	UNSPECIFIED
CALL	YES
CASE	UPPER
COMPAT	UNSPECIFIED
COMPRESS	AUTO
DCBS	NO
DYNAM	NO
EXTATTR	UNSPECIFIED
EXITS:	NONE

FILL	NONE
GID	UNSPECIFIED
HOBSET	NO
INFO	NO
LET	04
LINECT	060
LIST	SUMMARY
LISTPRIV	NO
LONGPARM	NO
MAP	NO
MAXBLK	032760
MODMAP	NO
MSGLEVEL	00
OVLY	NO
PRINT	YES
RES	NO
REUSABILITY	UNSPECIFIED
RMODE	UNSPECIFIED
RMODEX	NO
SIGN	NO
STORENX	NOREPLACE
STRIPCL	NO
STRIPSEC	NO
SYMTRACE	
TERM	NO
TRAP	ON
UID	UNSPECIFIED
UPCASE	NO
WKSPACE	000000K,000000K
XCAL	NO
XREF	NO

END OF OPTIONS

SAVE OPERATION SUMMARY:

MEMBER NAME	CMFLOF2A
-------------	----------

LOAD LIBRARY	KC03F2A.DCMAFD02.COBOL.LOADLIB
PROGRAM TYPE	PROGRAM OBJECT(FORMAT 3)
VOLUME SERIAL	KCTR51
DISPOSITION	ADDED NEW
TIME OF SAVE	18.24.53 NOV 11, 2024

SAVE MODULE ATTRIBUTES:

AC	000
AMODE	31
COMPRESSION	NONE
DC	NO
EDITABLE	YES
EXCEEDS 16MB	NO
EXECUTABLE	YES
LONGPARM	NO
MIGRATABLE	NO
OL	NO
OVLY	NO
PACK,PRIME	NO,NO
PAGE ALIGN	NO
REFR	NO
RENT	NO
REUS	NO
RMODE	ANY
SCTR	NO
SIGN	NO
SSI	
SYM GENERATED	NO
TEST	NO
XPLINK	NO
MODULE SIZE (HEX)	000026E8
DASD SIZE (HEX)	0000F000

ENTRY POINT AND ALIAS SUMMARY:

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

CMFLEF2A:JOB01975.spool

Monday, November 11, 2024, 10:57 PM

STATUS

CMFLOF2A MAIN_EP 31 00000000 C_CODE

*** 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 ***

z/OS V2 R5 BINDER 18:24:53 MONDAY NOVEMBER 11, 2024
BATCH EMULATOR JOB(CMFLEF2A) STEP(COBOL) PGM= IEWBLINK
PROCEDURE(LKED)
IEW2008I 0F03 PROCESSING COMPLETED. RETURN CODE = 0.

MESSAGE SUMMARY REPORT

TERMINAL MESSAGES (SEVERITY = 16)
NONE

SEVERE MESSAGES (SEVERITY = 12)
NONE

ERROR MESSAGES (SEVERITY = 08)
NONE

WARNING MESSAGES (SEVERITY = 04)
NONE

INFORMATIONAL MESSAGES (SEVERITY = 00)
2008

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