```
1PP 5668-958 IBM VS COBOL II Release 4.0 09/15/92                          Date
10/06/99  Time 11:18:57   Page     1
0Invocation parameters:

APOST,LIB,OBJ,NONAME,AWO,RES,RENT,NOSEQ,TERM,TRUNC(BIN),MAP,OPT,NOOPTIMIZE,XREF,OFFS
ET
0Options in effect:
     NOADV
       APOST
       AWO
       BUFSIZE(4096)
     NOCMPR2
     NOCOMPILE(S)
       DATA(31)
     NODBCS
     NODECK
     NODUMP
     NODYNAM
     NOEXIT
       FASTSRT
     NOFDUMP
       FLAG(I,E)
     NOFLAGMIG
     NOFLAGSAA
     NOFLAGSTD
       LANGUAGE(EN)
       LIB
       LINECOUNT(60)
     NOLIST
       MAP
     NONAME
     NONUMBER
       NUMPROC(NOPFD)
       OBJECT
       OFFSET
     NOOPTIMIZE
       OUTDD(SYSPRINT)
       RENT
       RESIDENT
     NOSEQUENCE
       SIZE(MAX)
       SOURCE
       SPACE(1)
     NOSSRANGE
       TERM
     NOTEST
       TRUNC(BIN)
     NOVBREF
     NOWORD
       XREF(FULL)
       ZWB
1PP 5668-958 IBM VS COBOL II Release 4.0 09/15/92                 MUM014    Date
10/06/99  Time 11:18:57   Page     2
   LineID  PL SL
----+-*A-1-B--+----2----+----3----+----4----+----5----+----6----+----7-|--+----8
Map and Cross Reference
0  000001
****************************************************************** 00010000
   000002               *                   IDENTIFICATION DIVISION
   * 00020000
   000003
****************************************************************** 00030000
   000004                 IDENTIFICATION DIVISION.
```

```
  00040000
000005                PROGRAM-ID.    MUM014.
  00050002
000006                AUTHOR.        MEDSTAT SYSTEMS, INC.
  00060000
000007                DATE-WRITTEN.
  00070000
000008                DATE-COMPILED. 10/06/99.
  00080000
000009                INSTALLATION.  MEDSTAT SYSTEMS, INC.
  00090000
000010
**************************************************************** 00100000
000011               *   PROGRAM NAME:  MUM014
* 00110002
000012               *   PROGRAM TYPE:  BATCH
* 00120000
000013               *      DBMS USED:  NONE
* 00130000
000014               *       LANGUAGE:  COBOL
* 00140000
000015               *       PLATFORM:  MVS
* 00150000
000016               *
* 00160000
000017               *   SHORT DESC  :  THIS IS THE MAIN PROGRAM FOR MANAGED CARE
* 00170000
000018               *                  MEMBER MONTHS TURNAROUND DOCUMENT
* 00180000
000019               *
* 00190000
000020               *   LONG DESC   :  THIS IS THE MAIN PROGRAM FOR MANAGED CARE
* 00200000
000021               *                  MEMBER MONTHS TURNAROUND DOCUMENT
* 00210000
000022               *                  THE RAW DATA FILE IS READ SEQUENTIALLY
* 00220002
000023               *                  AND COPIED
* 00230002
000024               *                  AN ARRAY IS LOADED FOR EACH OF THE
FOLLOWING * 00240002
000025               *                  ELEMENTS:
* 00250000
000026               *                  - QUARTER END YEAR/MONTH
* 00260000
000027               *                  - CURRENT PERIOD MEMBER MONTHS
* 00270000
000028               *                  AT THE END ARRAY DATA IS PASSED TO A
CALLED  * 00280003
000029               *                  SUBROUTINE CSBTURN TO PRINT THE REPORTS.
* 00290003
000030
**************************************************************** 00300000
1PP 5668-958 IBM VS COBOL II Release 4.0 09/15/92                 MUM014    Date
10/06/99  Time 11:18:57   Page     3
LineID  PL SL
----+-*A-1-B--+----2----+----3----+----4----+----5----+----6----+----7-|--+----8
Map and Cross Reference
000031               /
  00310000
000032
**************************************************************** 00320000
000033               *                  PROGRAM REVISION LOG
```

```
   * 00330000
   000034
*************************************************************** 00340000
   000035               *
   * 00350000
   000036               *   DATE   ¦      ¦ CHANGE ¦
   * 00360000
   000037               * MM/DD/YY ¦ INIT ¦ MOD NO ¦           DESCRIPTION
   * 00370000
   000038
*----------+------+--------+-----------------------------------* 00371003
   000039               * 10/01/99 ¦ DL   ¦ IR1571 ¦ FIXED A BUG ON PARAGRAPH
3020-...  * 00371108
   000040               *          ¦      ¦        ¦ FOR PHASE 5.1
   * 00371207
   000041
*----------+------+--------+-----------------------------------* 00371307
   000042               * 05/03/99 ¦ CYW  ¦ IR1418 ¦ MODIFIED PROGRAM TO CALL PRINT
   * 00372003
   000043               *          ¦      ¦        ¦ SUBROUTINE INSTEAD OF WRITING
   * 00373003
   000044               *          ¦      ¦        ¦ REPORT DATA FILE.
   * 00374003
   000045
*----------+------+--------+-----------------------------------* 00380000
   000046               * 04/27/99 ¦ PNT  ¦ IR1418 ¦ PROGRAM RE-WRITTEN
   * 00390002
   000047
*----------+------+--------+-----------------------------------* 00400002
   000048               * 04/27/98 ¦ ERZ  ¦        ¦ PROGRAM WRITTEN
   * 00410000
   000049               *          ¦      ¦        ¦
   * 00420000
   000050
*************************************************************** 00430000
1PP 5668-958 IBM VS COBOL II Release 4.0 09/15/92                 MUM014    Date
10/06/99  Time 11:18:57   Page     4
   LineID  PL SL
----+-*A-1-B--+----2----+----3----+----4----+----5----+----6----+----7-|--+----8
Map and Cross Reference
   000051               /
     00440000
   000052
*************************************************************** 00450000
   000053               *  FILES USED :
   * 00460000
   000054               *
   * 00470000
   000055               *      DD NAME     DESCRIPTION                       MODE
   * 00480000
   000056               *
-----------+----------------------------------+-----------* 00490000
   000057               *      INPMCMM     INPUT FILE                        INPUT
   * 00500000
   000058               *      OUTMCMM     OUTPUT FILE                       OUTPUT
   * 00510000
   000059               *
   * 00530000
   000060               *  RECORD LAYOUTS :
   * 00540000
   000061               *
   * 00550000
   000062               *      CRMENR1  -  INPUT RECORD LAYOUT
```

```
   * 00560000
   000063                *      CRMENR1  -  OUTPUT RECORD LAYOUT
   * 00570002
   000064                *
   * 00590000
   000065                *  COPYBOOK MEMBERS:
   * 00600000
   000066                *
   * 00610000
   000067                *      CKBEROR  -  LINKAGE SECTION FOR CSBEROR
   * 00620000
   000068                *      CKBTURN  -  LINKAGE SECTION FOR CSBTURN
   * 00621003
   000069                *
   * 00630000
   000070                *  SUBROUTINES :
   * 00640000
   000071                *
   * 00650000
   000072                *      CSBEROR  -  SUBROUTINE TO LOG ERRORS
   * 00660000
   000073                *      CSBTURN  -  SUBROUTINE TO PRINT TURNAROUND REPORT
   * 00661003
   000074                *
   * 00670000
   000075
****************************************************************** 00680000
1PP 5668-958 IBM VS COBOL II Release 4.0 09/15/92                  MUM014    Date
10/06/99  Time 11:18:57   Page     5
   LineID  PL SL
----+-*A-1-B--+----2----+----3----+----4----+----5----+----6----+----7-|--+----8
Map and Cross Reference
   000076               /
     00690000
   000077
****************************************************************** 00700000
   000078                *                       ENVIRONMENT DIVISION
   * 00710000
   000079
****************************************************************** 00720000
   000080                 ENVIRONMENT DIVISION.
     00730000
   000081                 CONFIGURATION SECTION.
     00740000
   000082                 SOURCE-COMPUTER. IBM-3090.
     00750000
   000083                 OBJECT-COMPUTER. IBM-3090.
     00760000
   000084
     00770000
   000085                 INPUT-OUTPUT SECTION.
     00780000
   000086                 FILE-CONTROL.
     00790000
   000087
     00800000
   000088                     SELECT INPUT-FILE  ASSIGN TO UT-S-INPMCMM
     00810001  102
   000089                            ORGANIZATION SEQUENTIAL
     00820000
   000090                            FILE STATUS IS WS-FS.
     00830000  155
   000091
```

```
     00840000
   000092                    SELECT OUTPUT-FILE  ASSIGN TO UT-S-OUTMCMM
     00850002  124
   000093                           ORGANIZATION SEQUENTIAL
     00860002
   000094                           FILE STATUS IS WS-FS.
     00870002  155
```



```
   LineID  PL SL
----+-*A-1-B--+----2----+----3----+----4----+----5----+----6----+----7-|--+----8
Map and Cross Reference
   000095              /
     00930000
   000096
**************************************************************** 00940000
   000097              *                         DATA DIVISION
   * 00950000
   000098
**************************************************************** 00960000
   000099                DATA DIVISION.
     00970000
   000100                FILE SECTION.
     00980000
   000101
     00990000
   000102                FD  INPUT-FILE
     01000001
   000103                    BLOCK CONTAINS 0 CHARACTERS
     01010001
   000104                    RECORDING MODE IS F
     01020001
   000105                    LABEL RECORDS ARE STANDARD.
     01030001
   000106
     01040001
   000107                01  INPUT-RECORD.
     01050001  BLF=0000+000        0CL25
   000108                    COPY CRMMEM1 REPLACING ==:PFX:== BY ==INP==.
     01060001
   000109C
**************************************************************** 00000105
   000110C              * CRMMEM1
   * 00000205
   000111C              *
   * 00000305
   000112C              * THIS IS THE MANAGED CARE - MEMBER MONTH RECORD FOR THE
CONVERT* 00000405
   000113C              * REPLACE THIS WITH THE RAW DATA RECORD LAYOUT FROM THE
   * 00000505
   000114C              * DATA MANAGER - 25 CHAR. LONG
   * 00001005
   000115C
**************************************************************** 00010005
   000116C                   05  INP-PARENT-CODE           PIC X(3).
     00960006  BLF=0000+000,0000000 3C
   000117C                   05  INP-QUARTER-END.
     00970003  BLF=0000+003,0000003 0CL6
   000118C                     10  INP-QUARTER-END-CC      PIC X(2).
     00980003  BLF=0000+003,0000003 2C
   000119C                     10  INP-QUARTER-END-YY      PIC X(2).
     01000003  BLF=0000+005,0000005 2C
   000120C                     10  INP-QUARTER-END-MM      PIC X(2).
```

```
     01020003  BLF=0000+007,0000007 2C
   000121C                   05  INP-CURR-MEM-MONTHS       PIC 9(8).
     01040003  BLF=0000+009,0000009 8C
   000122C                   05  INP-PREV-MEM-MONTHS       PIC 9(8).
     01060003  BLF=0000+011,0000011 8C
   000123
     01070002
   000124                FD  OUTPUT-FILE
     01080002
   000125                    BLOCK CONTAINS 0 CHARACTERS
     01090002
   000126                    RECORDING MODE IS F
     01100002
   000127                    LABEL RECORDS ARE STANDARD.
     01110002
   000128
     01120002
   000129                01  OUTPUT-RECORD.
     01130002  BLF=0001+000         0CL25
   000130                    COPY CRMMEM1 REPLACING ==:PFX:== BY ==OUT==.
     01140002
   000131C
****************************************************************** 00000105
   000132C              * CRMMEM1
   * 00000205
   000133C              *
   * 00000305
   000134C              * THIS IS THE MANAGED CARE - MEMBER MONTH RECORD FOR THE
CONVERT* 00000405
   000135C              * REPLACE THIS WITH THE RAW DATA RECORD LAYOUT FROM THE
   * 00000505
   000136C              * DATA MANAGER - 25 CHAR. LONG
   * 00001005
   000137C
****************************************************************** 00010005
   000138C                   05  OUT-PARENT-CODE           PIC X(3).
     00960006  BLF=0001+000,0000000 3C
   000139C                   05  OUT-QUARTER-END.
     00970003  BLF=0001+003,0000003 0CL6
   000140C                     10  OUT-QUARTER-END-CC      PIC X(2).
     00980003  BLF=0001+003,0000003 2C
   000141C                     10  OUT-QUARTER-END-YY      PIC X(2).
     01000003  BLF=0001+005,0000005 2C
   000142C                     10  OUT-QUARTER-END-MM      PIC X(2).
     01020003  BLF=0001+007,0000007 2C
   000143C                   05  OUT-CURR-MEM-MONTHS       PIC 9(8).
     01040003  BLF=0001+009,0000009 8C
   000144C                   05  OUT-PREV-MEM-MONTHS       PIC 9(8).
     01060003  BLF=0001+011,0000011 8C
1PP 5668-958 IBM VS COBOL II Release 4.0 09/15/92                  MUM014    Date
10/06/99  Time 11:18:57   Page     7
   LineID  PL SL
----+-*A-1-B--+----2----+----3----+----4----+----5----+----6----+----7-|--+----8
Map and Cross Reference
   000145               /
     01230000
   000146
****************************************************************** 01240000
   000147               *                WORKING STORAGE SECTION
   * 01250000
   000148
****************************************************************** 01260000
   000149                WORKING-STORAGE SECTION.
```

```
     01270000
   000150
     01280000
   000151
*************************************************************** 01290000
   000152               * FILE RELATED DATA
     01300000
   000153
*************************************************************** 01310000
   000154                01  WS-FILE-STATUS.
     01320000  BLW=0000+000         0CL2
   000155                    05  WS-FS                      PIC X(002) VALUE
SPACES.    01330000  BLW=0000+000,0000000 2C

              IMP
   000156                01  WS-FILE-DD.
     01340000  BLW=0000+008         0CL16
   000157                    05  WS-INPUT-DD                PIC X(008) VALUE
'INPMCMM '. 01350001  BLW=0000+008,0000000 8C
   000158                    05  WS-OUTPUT-DD               PIC X(008) VALUE
'OUTMCMM '. 01360002  BLW=0000+010,0000008 8C
   000159
     01380000
   000160
*************************************************************** 01390000
   000161               * SYSTEM DATE AND TIME
     01400000
   000162
*************************************************************** 01410000
   000163                01  WS-SYSTEM-DATE.
     01420000  BLW=0000+018         0CL6
   000164                    05  WS-SYS-DATE-1.
     01430000  BLW=0000+018,0000000 0CL6
   000165                        10  WS-SYS-YY               PIC 9(002).
     01440000  BLW=0000+018,0000000 2C
   000166                        10  WS-SYS-MM               PIC 9(002).
     01450000  BLW=0000+01A,0000002 2C
   000167                        10  WS-SYS-DD               PIC 9(002).
     01460000  BLW=0000+01C,0000004 2C
   000168                    05  WS-SYS-DATE                REDEFINES
     01470000  BLW=0000+018,0000000 6C
   000169                        WS-SYS-DATE-1               PIC  9(006).
     01480000  164
   000170
     01490000
   000171                01  WS-SYSTEM-TIME.
     01500000  BLW=0000+020         0CL8
   000172                    05  WS-SYS-TIME-1.
     01510000  BLW=0000+020,0000000 0CL8
   000173                        10  WS-SYS-HH               PIC 9(002).
     01520000  BLW=0000+020,0000000 2C
   000174                        10  WS-SYS-MI               PIC 9(002).
     01530000  BLW=0000+022,0000002 2C
   000175                        10  WS-SYS-SS               PIC 9(002).
     01540000  BLW=0000+024,0000004 2C
   000176                        10  WS-SYS-MS               PIC 9(002).
     01550000  BLW=0000+026,0000006 2C
   000177                    05  WS-SYS-TIME                REDEFINES
     01560000  BLW=0000+020,0000000 8C
   000178                        WS-SYS-TIME-1               PIC 9(008).
     01570000  172
   000179
     01580000
```

```
   000180
**************************************************************** 01590000
   000181                * COUNTERS
     01600000
   000182
**************************************************************** 01610000
   000183                 01  WS-TOTAL.
     01620000  BLW=0000+028         0CL12
   000184                    05 WS-TOT-INPUT-RECORDS         PIC S9(009) COMP VALUE
ZERO. 01630000  BLW=0000+028,0000000 4C

               IMP
   000185                    05 WS-TOT-OUTPUT-RECORDS        PIC S9(009) COMP VALUE
ZERO. 01640000  BLW=0000+02C,0000004 4C

               IMP
   000186                    05 WS-TOT-TRAN-RECORDS          PIC S9(009) COMP VALUE
ZERO. 01650002  BLW=0000+030,0000008 4C

               IMP
   000187
     01660000
   000188                 01  WS-TOT-DISP                    PIC ZZZ,ZZZ,ZZ9 VALUE
ZERO.  01670000  BLW=0000+038         11C

               IMP
   000189
     01680000
   000190
**************************************************************** 01690002
   000191                * ARRAYS FOR PT'S
     01700002
   000192
**************************************************************** 01710002
   000193                 01  QTR-END-ARRAY.
     01720002  BLW=0000+048         0CL1788
   000194                    05  QTR-END-CNT                  PIC 9(03)  VALUE 1.
     01730002  BLW=0000+048,0000000 3C
   000195                    05  QTR-END-MAX                  PIC 9(03)  VALUE 99.
     01740002  BLW=0000+04B,0000003 3C
   000196                    05  QTR-END-GRP
     01750002  BLW=0000+04E,0000006 0CL18
   000197                       OCCURS 1 TO 99   TIMES
     01760002
1PP 5668-958 IBM VS COBOL II Release 4.0 09/15/92                 MUM014    Date
10/06/99  Time 11:18:57   Page     8
   LineID  PL SL
----+-*A-1-B--+----2----+----3----+----4----+----5----+----6----+----7-|--+----8
Map and Cross Reference
0  000198                          DEPENDING ON QTR-END-CNT
     01770002  194
   000199                             INDEXED BY QTR-END-INDX.
     01780002  IDX=0001+000
   000200                       10  QTR-END-VALUE              PIC X(04).
     01790002  BLW=0000+04E,0000006 4C
   000201                       10  QTR-END-SUM                PIC S9(12)V99.
     01800002  BLW=0000+052,000000A 14C
   000202
     01810002
   000203                 01  MEM-MO-ARRAY.
     01820002  BLW=0000+748         0CL1788
   000204                    05  MEM-MO-CNT                   PIC 9(03)  VALUE 1.
     01830002  BLW=0000+748,0000000 3C
```

```
   000205                    05  MEM-MO-MAX                   PIC 9(03)  VALUE 99.
     01840002  BLW=0000+74B,0000003 3C
   000206                    05  MEM-MO-GRP
     01850002  BLW=0000+74E,0000006 0CL18
   000207                       OCCURS 1 TO 99   TIMES
     01860002
   000208                          DEPENDING ON MEM-MO-CNT
     01870002  204
   000209                             INDEXED BY MEM-MO-INDX.
     01880002  IDX=0002+000
   000210                       10  MEM-MO-VALUE               PIC X(04).
     01890002  BLW=0000+74E,0000006 4C
   000211                       10  MEM-MO-SUM                 PIC S9(12)V99.
     01900002  BLW=0000+752,000000A 14C
   000212
     01910002
   000213
*************************************************************** 01920000
   000214               * FLAGS / SWITCHES
     01930000
   000215
*************************************************************** 01940000
   000216                01  WS-FLAGS.
     01950000  BLW=0000+E48         0CL1
   000217                    05  WS-END-OF-FILE              PIC X(001) VALUE 'N'.
     01960000  BLW=0000+E48,0000000 1C
   000218                       88 END-OF-FILE                  VALUE 'Y'.
     01970000
   000219                       88 NOT-END-OF-FILE              VALUE 'N'.
     01980000
   000220                01  WS-YYMM.
     01990002  BLW=0000+E50         0CL4
   000221                    05  WS-YYMM-YY                  PIC XX.
     02000002  BLW=0000+E50,0000000 2C
   000222                    05  WS-YYMM-MM                  PIC XX.
     02010002  BLW=0000+E52,0000002 2C
   000223
     02020000
   000224
*************************************************************** 02030000
   000225               * WORKING STORAGE COPYBOOKS FOR SUBROUTINE LINKAGE SECTIONS
     02040000
   000226
*************************************************************** 02050000
   000227                    COPY  CKBEROR.
     02060003
   000228C
*************************************************************
   000229C              *    LINKAGE SECTION FOR CSBEROR
   *
   000230C
*************************************************************
   000231C               01  LK-CSBEROR.
             BLW=0000+E58         0CL162
   000232C                   15  LK-ERR-PGM-NAME          PIC X(08).
             BLW=0000+E58,0000000 8C
   000233C                   15  LK-ERR-PGM-VER           PIC X(05).
             BLW=0000+E60,0000008 5C
   000234C                   15  LK-ERR-PARAGRAPH         PIC X(35).
             BLW=0000+E65,000000D 35C
   000235C                   15  LK-ERR-TYPE              PIC X(01).
             BLW=0000+E88,0000030 1C
   000236C                   15  LK-ERR-NAME              PIC X(30).
```

```
                BLW=0000+E89,0000031 30C
   000237C                    15  LK-ERR-STATUS             PIC X(02).
                BLW=0000+EA7,000004F 2C
   000238C                    15  LK-ERR-SQLCODE            PIC S9(09).
                BLW=0000+EA9,0000051 9C
   000239C                    15  LK-ERR-ACTION             PIC X(01).
                BLW=0000+EB2,000005A 1C
   000240C                    15  LK-ERR-KEYS               PIC X(20).
                BLW=0000+EB3,000005B 20C
   000241C                    15  LK-ERR-FLAG               PIC X(01).
                BLW=0000+EC7,000006F 1C
   000242C                    15  LK-ERR-COMPANY            PIC X(50).
                BLW=0000+EC8,0000070 50C
   000243
     02061003
   000244                     COPY  CKBTURN.
     02070003
   000245C
*****************************************************************
   000246C              * LINKAGE SECTION FOR CSBTURN  (TURNAROUND REPORT
STATISTICS)   *
   000247C              * THE VALUE OF ZERO IN FIELD 1 IS RESERVED FOR A HEADER
RECORD  *
   000248C
*****************************************************************
   000249C               01  LK-CSBTURN.
                BLW=0000+F00         0CL83
   000250C                    15  LK-TURN-NUMBER            PIC  9(003).
                BLW=0000+F00,0000000 3C
   000251C                    15  LK-TURN-VALUE             PIC  X(015).
                BLW=0000+F03,0000003 15C
   000252C                    15  LK-TURN-SUM               PIC S9(013)V99.
                BLW=0000+F12,0000012 15C
   000253C                    15  LK-TURN-FILE-NAME         PIC  X(050).
                BLW=0000+F21,0000021 50C
```

```
   LineID  PL SL
----+-*A-1-B--+----2----+----3----+----4----+----5----+----6----+----7-|--+----8
Map and Cross Reference
   000254               /
     02080000
   000255
*************************************************************** 02090000
   000256               *                      LINKAGE SECTION
   * 02100003
   000257
*************************************************************** 02110000
   000258
     02111003
   000259                LINKAGE SECTION.
     02120003
   000260
     02130003
   000261                01  PARM-REC.
     02130103  BLL=0001+000         0CL52
   000262                    05  PARM-LENGTH                 PIC S9(004) COMP.
     02130203  BLL=0001+000,0000000 2C
   000263                    05  PARM-DATASET-NAME           PIC  X(050).
     02130303  BLL=0001+002,0000002 50C
   000264
     02130403
   000265
```

```
************************************************************** 02131003
   000266               *                      PROCEDURE DIVISION
   * 02132003
   000267
************************************************************** 02133003
   000268
     02133103
   000269                PROCEDURE DIVISION USING PARM-REC.
     02134003  261
   000270
     02135003
   000271                0000-MAINLINE.
     02140000
   000272
************************************************************** 02150000
   000273               *     -  INITIALIZE WORKING STORAGE, OPEN FILES
   * 02170000
   000274               *     -  PROCESS INPUT FILE
   * 02180000
   000275               *     -  PRINT REPORT, CLOSE FILES, STOP RUN
   * 02190000
   000276
************************************************************** 02200000
   000277
     02210000
   000278                    PERFORM 1000-INITIALIZE-WS.
     02220000  288
   000279
     02230000
   000280                    PERFORM 2000-PROCESS-INPUT
     02240000  340
   000281                      UNTIL END-OF-FILE.
     02250000  218
   000282
     02260000
   000283                    PERFORM 3100-PROCESS-REPORT.
     02270003  407
   000284                    PERFORM 9000-WRAPUP-PROCESS.
     02280000  483
   000285
     02290000
   000286                    GOBACK.
     02300000
1PP 5668-958 IBM VS COBOL II Release 4.0 09/15/92                 MUM014    Date
10/06/99  Time 11:18:57   Page    10
   LineID  PL SL
----+-*A-1-B--+----2----+----3----+----4----+----5----+----6----+----7-|--+----8
Map and Cross Reference
   000287               /
     02310000
   000288                1000-INITIALIZE-WS.
     02311003
   000289
************************************************************** 02320000
   000290               *     -  OPEN INPUT & OUTPUT FILES
   * 02340000
   000291               *     -  FIRST READ OF INPUT FILE
   * 02350000
   000292
************************************************************** 02360000
   000293
     02380000
   000294                    ACCEPT WS-SYSTEM-DATE  FROM  DATE.
```

```
     02390000  163
   000295                    ACCEPT WS-SYSTEM-TIME  FROM  TIME.
     02400000  171
   000296
     02410000
   000297                    PERFORM 1200-OPEN-FILES.
     02420000  300
   000298                    PERFORM 1400-INIT-FIRST-READ.
     02430000  327
1PP 5668-958 IBM VS COBOL II Release 4.0 09/15/92                 MUM014    Date
10/06/99  Time 11:18:57   Page    11
   LineID  PL SL
----+-*A-1-B--+----2----+----3----+----4----+----5----+----6----+----7-|--+----8
Map and Cross Reference
   000299               /
     02460000
   000300                1200-OPEN-FILES.
     02461003
   000301
**************************************************************** 02470000
   000302               *     -  OPEN FILES
   * 02490000
   000303
**************************************************************** 02500000
   000304
     02520000
   000305                    OPEN  INPUT  INPUT-FILE.
     02530000  102
   000306                    IF WS-FS NOT = '00'
     02540000  155
   000307      1                INITIALIZE  LK-CSBEROR
     02550000  231
   000308      1                MOVE '1200-OPEN-FILES'     TO LK-ERR-PARAGRAPH
     02560000  234
   000309      1                MOVE 'C'                   TO LK-ERR-TYPE
     02570000  235
   000310      1                MOVE  WS-INPUT-DD          TO LK-ERR-NAME
     02580000  157 236
   000311      1                MOVE  WS-FS                TO LK-ERR-STATUS
     02590000  155 237
   000312      1                MOVE 'O'                   TO LK-ERR-ACTION
     02600000  239
   000313      1                PERFORM 9999-ERROR-PROCESSING
     02610003  576
   000314                    END-IF
     02620000
   000315
     02630000
   000316                    OPEN  OUTPUT  OUTPUT-FILE.
     02640000  124
   000317                    IF WS-FS NOT = '00'
     02650000  155
   000318      1                INITIALIZE  LK-CSBEROR
     02660000  231
   000319      1                MOVE '1200-OPEN-FILES'     TO LK-ERR-PARAGRAPH
     02670000  234
   000320      1                MOVE 'C'                   TO LK-ERR-TYPE
     02680000  235
   000321      1                MOVE  WS-OUTPUT-DD         TO LK-ERR-NAME
     02690002  158 236
   000322      1                MOVE  WS-FS                TO LK-ERR-STATUS
     02700000  155 237
   000323      1                MOVE 'O'                   TO LK-ERR-ACTION
```

```
     02710000  239
   000324      1                PERFORM 9999-ERROR-PROCESSING
     02720003  576
   000325                    END-IF.
     02730000
```



```
   LineID  PL SL
----+-*A-1-B--+----2----+----3----+----4----+----5----+----6----+----7-|--+----8
Map and Cross Reference
   000326               /
     02860000
   000327                1400-INIT-FIRST-READ.
     02861003
   000328               *******************************************************
     02870000
   000329               *     - FIRST READ FOR INPUT FILE
     02890000
   000330               *     - CHECK IF EMPTY
     02900000
   000331               *******************************************************
     02910000
   000332
     02930000
   000333                    PERFORM 9100-READ-INPUT.
     02940000  499
   000334
     02950000
   000335                    IF END-OF-FILE
     02960000  218
   000336      1                PERFORM 8100-NO-RECS-READ
     02970000  471
   000337                    END-IF.
     02980000
   000338
     02990000
```



```
   LineID  PL SL
----+-*A-1-B--+----2----+----3----+----4----+----5----+----6----+----7-|--+----8
Map and Cross Reference
   000339               /
     03000000
   000340                2000-PROCESS-INPUT.
     03001003
   000341               *******************************************************
     03010000
   000342               *     - READ INPUT FILE
     03030000
   000343               *******************************************************
     03040000
   000344
     03060000
   000345                    PERFORM 9200-WRITE-OUTPUT
     03070002  521
   000346                    PERFORM 3000-PROCESS-TURN.
     03080000  350
   000347                    PERFORM 9100-READ-INPUT.
     03090000  499
   000348
     03100000
```

```
   LineID  PL SL
----+-*A-1-B--+----2----+----3----+----4----+----5----+----6----+----7-|--+----8
Map and Cross Reference
   000349               /
     03110000
   000350                3000-PROCESS-TURN.
     03111003
   000351
****************************************************************** 03120000
   000352               *     ACCUMULATE STATISTICS FOR TURNAROUND REPORT.
   * 03130003
   000353
****************************************************************** 03140000
   000354
     03160000
   000355                    PERFORM 3010-QUARTER-END.
     03170000  358
   000356                    PERFORM 3020-CUR-MEMBER-MOS.
     03180001  382
   000357
     03190000
   000358                3010-QUARTER-END.
     03191003
   000359
****************************************************************** 03200000
   000360               *     ACCUMULATE STATISTICS BY QUARTER END.
   * 03201003
   000361
****************************************************************** 03220000
   000362
     03240000
   000363                    STRING INP-QUARTER-END-YY INP-QUARTER-END-MM
     03250002  119 120
   000364                           DELIMITED BY SIZE INTO WS-YYMM
     03260002  220
   000365                    SET QTR-END-INDX                    TO 1
     03270002  199
   000366                    SEARCH QTR-END-GRP
     03280002  196
   000367                       AT END
     03290002
   000368      1                   MOVE WS-YYMM                  TO
     03300002  220
   000369      1                                            QTR-END-VALUE(QTR-END-CNT)
     03310002  200 194
   000370      1                   MOVE 1                        TO
     03320002
   000371      1                                            QTR-END-SUM(QTR-END-CNT)
     03330002  201 194
   000372      1                   ADD 1                         TO QTR-END-CNT
     03340002  194
   000373      1                   IF QTR-END-CNT = QTR-END-MAX
     03350002  194 195
   000374      2                      DISPLAY 'OVERFLOW ON QUARTER END ARRAY'
     03360002
   000375      2                      PERFORM 9999-ERROR-PROCESSING
     03370003  576
   000376      1                   END-IF
     03380002
   000377                       WHEN WS-YYMM           = QTR-END-VALUE(QTR-END-INDX)
     03390002  220 200 199
   000378      1                   ADD 1                         TO
     03400002
```

```
   000379      1                                          QTR-END-SUM(QTR-END-INDX)
     03410002  201 199
   000380                    END-SEARCH.
     03420002
1PP 5668-958 IBM VS COBOL II Release 4.0 09/15/92                 MUM014    Date
10/06/99  Time 11:18:57   Page    15
   LineID  PL SL
----+-*A-1-B--+----2----+----3----+----4----+----5----+----6----+----7-|--+----8
Map and Cross Reference
   000381              /
     03430002
   000382               3020-CUR-MEMBER-MOS.
     03431003
   000383
**************************************************************** 03440000
   000384              *     ACCUMULATE STATISTICS BY MEMBER MONTHS.
   * 03441003
   000385              *     IR#1571: FIXED A MISSING STATEMENT, SET MEM-MO-INDX TO
1. * 03442008
   000386              *     10/01/99 DL
   * 03443007
   000387
**************************************************************** 03460000
   000388
     03480000
   000389                    SET MEM-MO-INDX                     TO 1
     03481007  209
   000390
     03482007
   000391                    SEARCH MEM-MO-GRP
     03490002  206
   000392                       AT END
     03500002
   000393      1                   MOVE WS-YYMM                  TO
     03510002  220
   000394      1                                          MEM-MO-VALUE(MEM-MO-CNT)
     03520002  210 204
   000395      1                   MOVE INP-CURR-MEM-MONTHS      TO
     03530002  121
   000396      1                                          MEM-MO-SUM(MEM-MO-CNT)
     03540002  211 204
   000397      1                   ADD 1                         TO MEM-MO-CNT
     03550002  204
   000398      1                   IF MEM-MO-CNT = MEM-MO-MAX
     03560002  204 205
   000399      2                      DISPLAY 'OVERFLOW ON MEMBER MONTH ARRAY'
     03570002
   000400      2                      PERFORM 9999-ERROR-PROCESSING
     03580003  576
   000401      1                   END-IF
     03590002
   000402                       WHEN WS-YYMM           = MEM-MO-VALUE(MEM-MO-INDX)
     03600002  220 210 209
   000403      1                   ADD INP-CURR-MEM-MONTHS       TO
     03610002  121
   000404      1                                          MEM-MO-SUM(MEM-MO-INDX)
     03620002  211 209
   000405                    END-SEARCH.
     03630002
1PP 5668-958 IBM VS COBOL II Release 4.0 09/15/92                 MUM014    Date
10/06/99  Time 11:18:57   Page    16
   LineID  PL SL
----+-*A-1-B--+----2----+----3----+----4----+----5----+----6----+----7-|--+----8
```

```
Map and Cross Reference
   000406              /
     03640002
   000407               3100-PROCESS-REPORT.
     03641003
   000408
*************************************************************** 03650000
   000409              *     PRINT TURNAROUND REPORT
   * 03660003
   000410
*************************************************************** 03670000
   000411
     03690000
   000412                    PERFORM 3200-EMPTY-QTREND
     03700002  427
   000413                    PERFORM 3300-EMPTY-MEMMO
     03710002  449
   000414
     03770000
   000415                    INITIALIZE LK-CSBTURN
     03771003  249
   000416                    MOVE 06                       TO LK-TURN-NUMBER.
     03780003  250
   000417                    MOVE WS-TOT-INPUT-RECORDS     TO LK-TURN-SUM.
     03790003  184 252
   000418                    PERFORM 9300-CALL-CSBTURN.
     03800003  542
   000419
     03801003
   000420                    INITIALIZE LK-CSBTURN
     03802003  249
   000421                    MOVE 0                        TO LK-TURN-NUMBER.
     03803003  250
   000422                    MOVE 'MC MEMBER MONTHS'       TO LK-TURN-VALUE.
     03804003  251
   000423                    MOVE WS-TOT-INPUT-RECORDS     TO LK-TURN-SUM.
     03805003  184 252
   000424                    MOVE PARM-DATASET-NAME        TO LK-TURN-FILE-NAME
     03805103  263 253
   000425                    PERFORM 9300-CALL-CSBTURN.
     03806003  542
1PP 5668-958 IBM VS COBOL II Release 4.0 09/15/92                 MUM014    Date
10/06/99  Time 11:18:57   Page    17
   LineID  PL SL
----+-*A-1-B--+----2----+----3----+----4----+----5----+----6----+----7-|--+----8
Map and Cross Reference
   000426              /
     03810000
   000427               3200-EMPTY-QTREND.
     03820002
   000428
*************************************************************** 03830002
   000429              * CONTROL THE WRITE OF THE QUARTER END ARRAY
     03840003
   000430
*************************************************************** 03850002
   000431
     03860002
   000432                    PERFORM 3210-WRITE-QTREND
     03870002  436
   000433                       VARYING QTR-END-INDX FROM 1 BY 1
     03880002  199
   000434                          UNTIL QTR-END-INDX = QTR-END-CNT.
```

```
     03890002  199 194
1PP 5668-958 IBM VS COBOL II Release 4.0 09/15/92                 MUM014    Date
10/06/99  Time 11:18:57   Page    18
   LineID  PL SL
----+-*A-1-B--+----2----+----3----+----4----+----5----+----6----+----7-|--+----8
Map and Cross Reference
   000435               /
     03900002
   000436                3210-WRITE-QTREND.
     03910002
   000437
*************************************************************** 03920002
   000438               * WRITE THE QUARTER END ARRAY
     03930003
   000439
*************************************************************** 03940002
   000440
     03950002
   000441                    INITIALIZE LK-CSBTURN
     03960003  249
   000442                    MOVE QTR-END-VALUE(QTR-END-INDX)   TO WS-YYMM
     03970002  200 199 220
   000443                    STRING WS-YYMM-YY '-' WS-YYMM-MM
     03980002  221 222
   000444                           DELIMITED BY SIZE INTO         LK-TURN-VALUE
     03990003  251
   000445                    MOVE QTR-END-SUM(QTR-END-INDX)     TO LK-TURN-SUM
     04000003  201 199 252
   000446                    MOVE 1                             TO LK-TURN-NUMBER
     04010003  250
   000447                    PERFORM 9300-CALL-CSBTURN.
     04020003  542
1PP 5668-958 IBM VS COBOL II Release 4.0 09/15/92                 MUM014    Date
10/06/99  Time 11:18:57   Page    19
   LineID  PL SL
----+-*A-1-B--+----2----+----3----+----4----+----5----+----6----+----7-|--+----8
Map and Cross Reference
   000448               /
     04030002
   000449                3300-EMPTY-MEMMO.
     04040002
   000450
*************************************************************** 04050002
   000451               * CONTROL THE WRITE OF THE MEMBER MONTH ARRAY
     04060003
   000452
*************************************************************** 04070002
   000453
     04080002
   000454                    PERFORM 3310-WRITE-MEMMO
     04090002  458
   000455                       VARYING MEM-MO-INDX FROM 1 BY 1
     04100002  209
   000456                          UNTIL MEM-MO-INDX = MEM-MO-CNT.
     04110002  209 204
1PP 5668-958 IBM VS COBOL II Release 4.0 09/15/92                 MUM014    Date
10/06/99  Time 11:18:57   Page    20
   LineID  PL SL
----+-*A-1-B--+----2----+----3----+----4----+----5----+----6----+----7-|--+----8
Map and Cross Reference
   000457               /
     04120002
   000458                3310-WRITE-MEMMO.
```

```
     04130002
   000459
*************************************************************** 04140002
   000460               * WRITE THE MEMBER MONTH ARRAY
     04150003
   000461
*************************************************************** 04160002
   000462
     04170002
   000463                    INITIALIZE LK-CSBTURN
     04180003  249
   000464                    MOVE MEM-MO-VALUE(MEM-MO-INDX)     TO WS-YYMM
     04190002  210 209 220
   000465                    STRING WS-YYMM-YY '-' WS-YYMM-MM
     04200002  221 222
   000466                           DELIMITED BY SIZE INTO         LK-TURN-VALUE
     04210003  251
   000467                    MOVE MEM-MO-SUM(MEM-MO-INDX)       TO LK-TURN-SUM
     04220003  211 209 252
   000468                    MOVE 2                             TO LK-TURN-NUMBER
     04230003  250
   000469                    PERFORM 9300-CALL-CSBTURN.
     04240003  542
1PP 5668-958 IBM VS COBOL II Release 4.0 09/15/92                 MUM014    Date
10/06/99  Time 11:18:57   Page    21
   LineID  PL SL
----+-*A-1-B--+----2----+----3----+----4----+----5----+----6----+----7-|--+----8
Map and Cross Reference
   000470              /
     04250002
   000471               8100-NO-RECS-READ.
     04251003
   000472
*************************************************************** 04260000
   000473               *     - DISPLAY A MESSAGE TO THE SYSOUT THAT WILL INFORM THE
   * 04280000
   000474               *       USER OF A EMPTY INPUT FILE
   * 04290000
   000475
*************************************************************** 04310000
   000476
     04330000
   000477                    DISPLAY
'**************************************************' 04340000
   000478                    DISPLAY '**      DATA ERROR - PROGRAM COMPLETED
 **' 04350000
   000479                    DISPLAY '**         NO INPUT RECORDS WERE READ
 **' 04360000
   000480                    DISPLAY
'**************************************************' 04370000
   000481                    .
     04380005
1PP 5668-958 IBM VS COBOL II Release 4.0 09/15/92                 MUM014    Date
10/06/99  Time 11:18:57   Page    22
   LineID  PL SL
----+-*A-1-B--+----2----+----3----+----4----+----5----+----6----+----7-|--+----8
Map and Cross Reference
   000482              /
     04710000
   000483               9000-WRAPUP-PROCESS.
     04711003
   000484
*************************************************************** 04720000
```

```
   000485               *     9000-WRAPUP-PROCESS
   * 04730000
   000486               *     - CLOSE FILES
   * 04740000
   000487
*************************************************************** 04750000
   000488
     04770000
   000489                     MOVE WS-TOT-INPUT-RECORDS     TO WS-TOT-DISP.
     04780000  184 188
   000490                     DISPLAY ' INPUT RECORDS READ:      '
     04790000
   000491                                                      WS-TOT-DISP.
     04800000  188
   000492
     04810000
   000493                     MOVE WS-TOT-OUTPUT-RECORDS    TO WS-TOT-DISP.
     04820000  185 188
   000494                     DISPLAY ' OUTPUT RECORDS WRITTEN : '
     04830000
   000495                                                      WS-TOT-DISP.
     04840000  188
   000496
     04880000
   000497                     PERFORM 9900-CLOSE-FILES .
     04890000  549
1PP 5668-958 IBM VS COBOL II Release 4.0 09/15/92                 MUM014    Date
10/06/99  Time 11:18:57   Page    23
   LineID  PL SL
----+-*A-1-B--+----2----+----3----+----4----+----5----+----6----+----7-|--+----8
Map and Cross Reference
   000498              /
     04900000
   000499                9100-READ-INPUT.
     04901003
   000500
*************************************************************** 04910000
   000501               *     -  READ INPUT FILE
   * 04930000
   000502
*************************************************************** 04940000
   000503
     04960000
   000504                     READ INPUT-FILE.
     04970003  102
   000505
     05000000
   000506                     EVALUATE TRUE
     05010000
   000507                     WHEN WS-FS = '10'
     05011003  155
   000508      1                 SET END-OF-FILE            TO TRUE
     05021003  218
   000509                     WHEN WS-FS = '00'
     05040000  155
   000510      1                 ADD  +1                    TO WS-TOT-INPUT-RECORDS
     05050000  184
   000511                     WHEN OTHER
     05060000
   000512      1                 INITIALIZE  LK-CSBEROR
     05070000  231
   000513      1                 MOVE '9100-READ-INPUT'     TO LK-ERR-PARAGRAPH
     05080000  234
```

```
   000514      1                MOVE 'C'                   TO LK-ERR-TYPE
     05090000  235
   000515      1                MOVE  WS-INPUT-DD          TO LK-ERR-NAME
     05100000  157 236
   000516      1                MOVE  WS-FS                TO LK-ERR-STATUS
     05110000  155 237
   000517      1                MOVE 'R'                   TO LK-ERR-ACTION
     05120000  239
   000518      1                PERFORM 9999-ERROR-PROCESSING
     05130003  576
   000519                    END-EVALUATE.
     05140000
1PP 5668-958 IBM VS COBOL II Release 4.0 09/15/92                 MUM014    Date
10/06/99  Time 11:18:57   Page    24
   LineID  PL SL
----+-*A-1-B--+----2----+----3----+----4----+----5----+----6----+----7-|--+----8
Map and Cross Reference
   000520               /
     05150000
   000521                9200-WRITE-OUTPUT.
     05151003
   000522
************************************************************** 05160000
   000523               *     -  WRITE OUTPUT FILE
   * 05180000
   000524
************************************************************** 05190000
   000525
     05210000
   000526                    WRITE OUTPUT-RECORD FROM INPUT-RECORD.
     05220003  129 107
   000527
     05240000
   000528                    EVALUATE TRUE
     05250000
   000529                    WHEN WS-FS = '00'
     05260000  155
   000530      1                ADD  +1                    TO WS-TOT-OUTPUT-RECORDS
     05270002  185
   000531      1                INITIALIZE OUTPUT-RECORD
     05280002  129
   000532                    WHEN OTHER
     05290000
   000533      1                INITIALIZE  LK-CSBEROR
     05300000  231
   000534      1                MOVE '9200-WRITE-OUTPUT'  TO LK-ERR-PARAGRAPH
     05310002  234
   000535      1                MOVE 'C'                   TO LK-ERR-TYPE
     05320000  235
   000536      1                MOVE  WS-OUTPUT-DD         TO LK-ERR-NAME
     05330002  158 236
   000537      1                MOVE  WS-FS                TO LK-ERR-STATUS
     05340000  155 237
   000538      1                MOVE 'W'                   TO LK-ERR-ACTION
     05350000  239
   000539      1                PERFORM 9999-ERROR-PROCESSING
     05360003  576
   000540                    END-EVALUATE.
     05370000
1PP 5668-958 IBM VS COBOL II Release 4.0 09/15/92                 MUM014    Date
10/06/99  Time 11:18:57   Page    25
   LineID  PL SL
----+-*A-1-B--+----2----+----3----+----4----+----5----+----6----+----7-|--+----8
```

```
Map and Cross Reference
   000541              /
     05380000
   000542               9300-CALL-CSBTURN.
     05390003
   000543
*************************************************************** 05400003
   000544              *     -  CALL CSBTURN
   * 05410003
   000545
*************************************************************** 05420003
   000546
     05430003
   000547                    CALL 'CSBTURN' USING LK-CSBTURN.
     05440003  EXT 249
1PP 5668-958 IBM VS COBOL II Release 4.0 09/15/92                 MUM014    Date
10/06/99  Time 11:18:57   Page    26
   LineID  PL SL
----+-*A-1-B--+----2----+----3----+----4----+----5----+----6----+----7-|--+----8
Map and Cross Reference
   000548              /
     05450003
   000549               9900-CLOSE-FILES.
     05611003
   000550
*************************************************************** 05620000
   000551              *     -  CLOSE FILES
   * 05640000
   000552
*************************************************************** 05650000
   000553
     05670000
   000554                    CLOSE INPUT-FILE.
     05680000  102
   000555                    IF WS-FS NOT = '00'
     05690000  155
   000556      1                INITIALIZE  LK-CSBEROR
     05700000  231
   000557      1                MOVE '9900-CLOSE-FILES'    TO  LK-ERR-PARAGRAPH
     05710000  234
   000558      1                MOVE 'C'                   TO  LK-ERR-TYPE
     05720000  235
   000559      1                MOVE  WS-INPUT-DD          TO  LK-ERR-NAME
     05730000  157 236
   000560      1                MOVE  WS-FS                TO  LK-ERR-STATUS
     05740000  155 237
   000561      1                MOVE 'C'                   TO  LK-ERR-ACTION
     05750000  239
   000562      1                PERFORM 9999-ERROR-PROCESSING
     05760003  576
   000563                    END-IF.
     05770000
   000564
     05780000
   000565                    CLOSE OUTPUT-FILE.
     05790000  124
   000566                    IF WS-FS NOT = '00'
     05800000  155
   000567      1                INITIALIZE  LK-CSBEROR
     05810000  231
   000568      1                MOVE '9900-CLOSE-FILES'    TO  LK-ERR-PARAGRAPH
     05820000  234
   000569      1                MOVE 'C'                   TO  LK-ERR-TYPE
```

```
     05830000  235
   000570      1                MOVE  WS-OUTPUT-DD         TO  LK-ERR-NAME
     05840002  158 236
   000571      1                MOVE  WS-FS                TO  LK-ERR-STATUS
     05850000  155 237
   000572      1                MOVE 'C'                   TO  LK-ERR-ACTION
     05860000  239
   000573      1                PERFORM 9999-ERROR-PROCESSING
     05870003  576
   000574                    END-IF.
     05880000
1PP 5668-958 IBM VS COBOL II Release 4.0 09/15/92                 MUM014    Date
10/06/99  Time 11:18:57   Page    27
   LineID  PL SL
----+-*A-1-B--+----2----+----3----+----4----+----5----+----6----+----7-|--+----8
Map and Cross Reference
   000575               /
     05991003
   000576                9999-ERROR-PROCESSING.
     05992003
   000577
****************************************************************** 05993003
   000578               *     - MOVE FIELDS TO LK FIELDS
   * 05994003
   000579               *     - CALL CSBEROR
   * 05995003
   000580               *     - SET RETURN CODE TO +12
   * 05996003
   000581
****************************************************************** 05997003
   000582
     05998003
   000583                    MOVE  'MUM014'                TO LK-ERR-PGM-NAME.
     05999003  232
   000584                    MOVE  SPACES                  TO LK-ERR-PGM-VER.
     05999103  IMP 233
   000585                    MOVE  SPACES                  TO LK-ERR-COMPANY.
     05999203  IMP 242
   000586
     05999403
   000587                    DISPLAY
'**************************************************' 05999503
   000588                    DISPLAY '**      APPLICATION ERROR PROGRAM STOPPED
 **' 05999603
   000589                    DISPLAY '**      SEE CSBEROR FOR MORE INFORMATION
 **' 05999703
   000590                    DISPLAY
'**************************************************'.05999803
   000591
     05999903
   000592                    CALL  'CSBEROR'               USING  LK-CSBEROR.
     06000003  EXT 231
   000593
     06000106
   000594                    MOVE  +12                     TO RETURN-CODE.
     06000206  IMP
   000595
     06000303
   000596                    GOBACK.
     06000403
   000597
     06001002
   000598               ********************
```

```
  06010000
000599                ** END OF PROGRAM **
  06020000
000600                ********************
  06030000
```


0An "M" preceding a data-name reference indicates that the data-name is modified by this reference.

```
  Defined   Cross-reference of data names   References

      218   END-OF-FILE. . . . . . . . . .  281 335 M508
      121   INP-CURR-MEM-MONTHS. . . . . .  395 403
      116   INP-PARENT-CODE
      122   INP-PREV-MEM-MONTHS
      117   INP-QUARTER-END
      118   INP-QUARTER-END-CC
      120   INP-QUARTER-END-MM . . . . . .  363
      119   INP-QUARTER-END-YY . . . . . .  363
      102   INPUT-FILE . . . . . . . . . .  88 305 504 554
      107   INPUT-RECORD . . . . . . . . .  526
      231   LK-CSBEROR . . . . . . . . . .  M307 M318 M512 M533 M556 M567 592
      249   LK-CSBTURN . . . . . . . . . .  M415 M420 M441 M463 547
      239   LK-ERR-ACTION. . . . . . . . .  M312 M323 M517 M538 M561 M572
      242   LK-ERR-COMPANY . . . . . . . .  M585
      241   LK-ERR-FLAG
      240   LK-ERR-KEYS
      236   LK-ERR-NAME. . . . . . . . . .  M310 M321 M515 M536 M559 M570
      234   LK-ERR-PARAGRAPH . . . . . . .  M308 M319 M513 M534 M557 M568
      232   LK-ERR-PGM-NAME. . . . . . . .  M583
      233   LK-ERR-PGM-VER . . . . . . . .  M584
      238   LK-ERR-SQLCODE
      237   LK-ERR-STATUS. . . . . . . . .  M311 M322 M516 M537 M560 M571
      235   LK-ERR-TYPE. . . . . . . . . .  M309 M320 M514 M535 M558 M569
      253   LK-TURN-FILE-NAME. . . . . . .  M424
      250   LK-TURN-NUMBER . . . . . . . .  M416 M421 M446 M468
      252   LK-TURN-SUM. . . . . . . . . .  M417 M423 M445 M467
      251   LK-TURN-VALUE. . . . . . . . .  M422 M444 M466
      203   MEM-MO-ARRAY
      204   MEM-MO-CNT . . . . . . . . . .  208 394 396 M397 398 456
      206   MEM-MO-GRP . . . . . . . . . .  391
      209   MEM-MO-INDX. . . . . . . . . .  M389 402 404 M455 456 464 467
      205   MEM-MO-MAX . . . . . . . . . .  398
      211   MEM-MO-SUM . . . . . . . . . .  M396 M404 467
      210   MEM-MO-VALUE . . . . . . . . .  M394 402 464
      219   NOT-END-OF-FILE
      143   OUT-CURR-MEM-MONTHS
      138   OUT-PARENT-CODE
      144   OUT-PREV-MEM-MONTHS
      139   OUT-QUARTER-END
      140   OUT-QUARTER-END-CC
      142   OUT-QUARTER-END-MM
      141   OUT-QUARTER-END-YY
      124   OUTPUT-FILE. . . . . . . . . .  92 316 565
      129   OUTPUT-RECORD. . . . . . . . .  M526 M531
      263   PARM-DATASET-NAME. . . . . . .  424
      262   PARM-LENGTH
      261   PARM-REC . . . . . . . . . . .  269
      193   QTR-END-ARRAY
      194   QTR-END-CNT. . . . . . . . . .  198 369 371 M372 373 434
      196   QTR-END-GRP. . . . . . . . . .  366
      199   QTR-END-INDX . . . . . . . . .  M365 377 379 M433 434 442 445
```

```
      195   QTR-END-MAX. . . . . . . . . .  373
      201   QTR-END-SUM. . . . . . . . . .  M371 M379 445
      200   QTR-END-VALUE. . . . . . . . .  M369 377 442
1PP 5668-958 IBM VS COBOL II Release 4.0 09/15/92                 MUM014    Date
10/06/99  Time 11:18:57   Page    29
0 Defined   Cross-reference of data names   References

0           RETURN-CODE. . . . . . . . . .  M594
      217   WS-END-OF-FILE
      156   WS-FILE-DD
      154   WS-FILE-STATUS
      216   WS-FLAGS
      155   WS-FS. . . . . . . . . . . . .  90 94 306 311 317 322 507 509 516 529
537 555 560 566 571
      157   WS-INPUT-DD. . . . . . . . . .  310 515 559
      158   WS-OUTPUT-DD . . . . . . . . .  321 536 570
      168   WS-SYS-DATE
      164   WS-SYS-DATE-1. . . . . . . . .  169
      167   WS-SYS-DD
      173   WS-SYS-HH
      174   WS-SYS-MI
      166   WS-SYS-MM
      176   WS-SYS-MS
      175   WS-SYS-SS
      177   WS-SYS-TIME
      172   WS-SYS-TIME-1. . . . . . . . .  178
      165   WS-SYS-YY
      163   WS-SYSTEM-DATE . . . . . . . .  M294
      171   WS-SYSTEM-TIME . . . . . . . .  M295
      188   WS-TOT-DISP. . . . . . . . . .  M489 491 M493 495
      184   WS-TOT-INPUT-RECORDS . . . . .  417 423 489 M510
      185   WS-TOT-OUTPUT-RECORDS. . . . .  493 M530
      186   WS-TOT-TRAN-RECORDS
      183   WS-TOTAL
      220   WS-YYMM. . . . . . . . . . . .  M364 368 377 393 402 M442 M464
      222   WS-YYMM-MM . . . . . . . . . .  443 465
      221   WS-YYMM-YY . . . . . . . . . .  443 465
1PP 5668-958 IBM VS COBOL II Release 4.0 09/15/92                 MUM014    Date
10/06/99  Time 11:18:57   Page    30
0Context 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

      271   0000-MAINLINE
      288   1000-INITIALIZE-WS . . . . . .  P278
      300   1200-OPEN-FILES. . . . . . . .  P297
      327   1400-INIT-FIRST-READ . . . . .  P298
      340   2000-PROCESS-INPUT . . . . . .  P280
      350   3000-PROCESS-TURN. . . . . . .  P346
      358   3010-QUARTER-END . . . . . . .  P355
      382   3020-CUR-MEMBER-MOS. . . . . .  P356
      407   3100-PROCESS-REPORT. . . . . .  P283
      427   3200-EMPTY-QTREND. . . . . . .  P412
      436   3210-WRITE-QTREND. . . . . . .  P432
      449   3300-EMPTY-MEMMO . . . . . . .  P413
```

```
      458   3310-WRITE-MEMMO . . . . . . .  P454
      471   8100-NO-RECS-READ. . . . . . .  P336
      483   9000-WRAPUP-PROCESS. . . . . .  P284
      499   9100-READ-INPUT. . . . . . . .  P333 P347
      521   9200-WRITE-OUTPUT. . . . . . .  P345
      542   9300-CALL-CSBTURN. . . . . . .  P418 P425 P447 P469
      549   9900-CLOSE-FILES . . . . . . .  P497
      576   9999-ERROR-PROCESSING. . . . .  P313 P324 P375 P400 P518 P539 P562 P573
1PP 5668-958 IBM VS COBOL II Release 4.0 09/15/92                 MUM014    Date
10/06/99  Time 11:18:57   Page    31
0 Defined   Cross-reference of programs     References

 EXTERNAL   CSBEROR. . . . . . . . . . . .  592
 EXTERNAL   CSBTURN. . . . . . . . . . . .  547
        5   MUM014
1PP 5668-958 IBM VS COBOL II Release 4.0 09/15/92                 MUM014    Date
10/06/99  Time 11:18:57   Page    32
0Data Division Map
0Data Definition Attribute codes (rightmost column) have the following meanings:
     D = Object of OCCURS DEPENDING    G = GLOBAL                              S =
Spanned file
     E = EXTERNAL                      O = Has OCCURS clause                   U =
Undefined format file
     F = Fixed length file             OG= Group has own length definition    V =
Variable length file
     FB= Fixed length blocked file     R = REDEFINES                           VB=
Variable length blocked file
0Source   Hierarchy and                                       Base
Hex-Displacement  Asmblr Data                   Data Def
 LineID   Data Name                                           Locator    Blk
Structure   Definition    Data Type      Attributes
      5  PROGRAM-ID MUM014
--------------------------------------------------------------------------------
---------------*
    102   FD INPUT-FILE. . . . . . . . . . . . . . . . .
                QSAM           FB
    107   01 INPUT-RECORD. . . . . . . . . . . . . . . . BLF=0000   000
   DS 0CL25      Group
    116     02 INP-PARENT-CODE . . . . . . . . . . . . . BLF=0000   000   0 000
000   DS 3C         Display
    117     02 INP-QUARTER-END . . . . . . . . . . . . . BLF=0000   003   0 000
003   DS 0CL6       Group
    118       03 INP-QUARTER-END-CC. . . . . . . . . . . BLF=0000   003   0 000
003   DS 2C         Display
    119       03 INP-QUARTER-END-YY. . . . . . . . . . . BLF=0000   005   0 000
005   DS 2C         Display
    120       03 INP-QUARTER-END-MM. . . . . . . . . . . BLF=0000   007   0 000
007   DS 2C         Display
    121     02 INP-CURR-MEM-MONTHS . . . . . . . . . . . BLF=0000   009   0 000
009   DS 8C         Disp-Num
    122     02 INP-PREV-MEM-MONTHS . . . . . . . . . . . BLF=0000   011   0 000
011   DS 8C         Disp-Num
    124   FD OUTPUT-FILE . . . . . . . . . . . . . . . .
                QSAM           FB
    129   01 OUTPUT-RECORD . . . . . . . . . . . . . . . BLF=0001   000
   DS 0CL25      Group
    138     02 OUT-PARENT-CODE . . . . . . . . . . . . . BLF=0001   000   0 000
000   DS 3C         Display
    139     02 OUT-QUARTER-END . . . . . . . . . . . . . BLF=0001   003   0 000
003   DS 0CL6       Group
    140       03 OUT-QUARTER-END-CC. . . . . . . . . . . BLF=0001   003   0 000
003   DS 2C         Display
    141       03 OUT-QUARTER-END-YY. . . . . . . . . . . BLF=0001   005   0 000
```

```
005   DS 2C          Display
    142       03 OUT-QUARTER-END-MM. . . . . . . . . . . . . BLF=0001   007   0 000
007   DS 2C          Display
    143     02 OUT-CURR-MEM-MONTHS . . . . . . . . . . . . . BLF=0001   009   0 000
009   DS 8C          Disp-Num
    144     02 OUT-PREV-MEM-MONTHS . . . . . . . . . . . . . BLF=0001   011   0 000
011   DS 8C          Disp-Num
    154   01 WS-FILE-STATUS. . . . . . . . . . . . . . . . . BLW=0000   000
   DS 0CL2        Group
    155     02 WS-FS . . . . . . . . . . . . . . . . . . . . BLW=0000   000   0 000
000   DS 2C          Display
    156   01 WS-FILE-DD. . . . . . . . . . . . . . . . . . . BLW=0000   008
   DS 0CL16       Group
    157     02 WS-INPUT-DD . . . . . . . . . . . . . . . . . BLW=0000   008   0 000
000   DS 8C          Display
    158     02 WS-OUTPUT-DD. . . . . . . . . . . . . . . . . BLW=0000   010   0 000
008   DS 8C          Display
    163   01 WS-SYSTEM-DATE. . . . . . . . . . . . . . . . . BLW=0000   018
   DS 0CL6        Group
    164     02 WS-SYS-DATE-1 . . . . . . . . . . . . . . . . BLW=0000   018   0 000
000   DS 0CL6        Group
    165       03 WS-SYS-YY . . . . . . . . . . . . . . . . . BLW=0000   018   0 000
000   DS 2C          Disp-Num
    166       03 WS-SYS-MM . . . . . . . . . . . . . . . . . BLW=0000   01A   0 000
002   DS 2C          Disp-Num
    167       03 WS-SYS-DD . . . . . . . . . . . . . . . . . BLW=0000   01C   0 000
004   DS 2C          Disp-Num
    168     02 WS-SYS-DATE . . . . . . . . . . . . . . . . . BLW=0000   018   0 000
000   DS 6C          Disp-Num       R
    171   01 WS-SYSTEM-TIME. . . . . . . . . . . . . . . . . BLW=0000   020
   DS 0CL8        Group
    172     02 WS-SYS-TIME-1 . . . . . . . . . . . . . . . . BLW=0000   020   0 000
000   DS 0CL8        Group
    173       03 WS-SYS-HH . . . . . . . . . . . . . . . . . BLW=0000   020   0 000
000   DS 2C          Disp-Num
    174       03 WS-SYS-MI . . . . . . . . . . . . . . . . . BLW=0000   022   0 000
002   DS 2C          Disp-Num
    175       03 WS-SYS-SS . . . . . . . . . . . . . . . . . BLW=0000   024   0 000
004   DS 2C          Disp-Num
    176       03 WS-SYS-MS . . . . . . . . . . . . . . . . . BLW=0000   026   0 000
006   DS 2C          Disp-Num
    177     02 WS-SYS-TIME . . . . . . . . . . . . . . . . . BLW=0000   020   0 000
000   DS 8C          Disp-Num       R
    183   01 WS-TOTAL. . . . . . . . . . . . . . . . . . . . BLW=0000   028
   DS 0CL12       Group
    184     02 WS-TOT-INPUT-RECORDS. . . . . . . . . . . . . BLW=0000   028   0 000
000   DS 4C          Binary
    185     02 WS-TOT-OUTPUT-RECORDS . . . . . . . . . . . . BLW=0000   02C   0 000
004   DS 4C          Binary
    186     02 WS-TOT-TRAN-RECORDS . . . . . . . . . . . . . BLW=0000   030   0 000
008   DS 4C          Binary
    188   01 WS-TOT-DISP . . . . . . . . . . . . . . . . . . BLW=0000   038
   DS 11C         Num-Edit
    193   01 QTR-END-ARRAY . . . . . . . . . . . . . . . . . BLW=0000   048
   DS 0CL1788     Grp-VarLen     OG
    194     02 QTR-END-CNT . . . . . . . . . . . . . . . . . BLW=0000   048   0 000
000   DS 3C          Disp-Num       D
    195     02 QTR-END-MAX . . . . . . . . . . . . . . . . . BLW=0000   04B   0 000
003   DS 3C          Disp-Num
    196     02 QTR-END-GRP . . . . . . . . . . . . . . . . . BLW=0000   04E   0 000
006   DS 0CL18       Group          O
    199         QTR-END-INDX. . . . . . . . . . . . . . . . IDX=0001   000
                 Index-Name
```

```
    200       03 QTR-END-VALUE . . . . . . . . . . . . . . BLW=0000   04E   0 000
006   DS 4C         Display
1PP 5668-958 IBM VS COBOL II Release 4.0 09/15/92                 MUM014    Date
10/06/99  Time 11:18:57   Page    33
0Source   Hierarchy and                                         Base
Hex-Displacement  Asmblr Data                   Data Def
 LineID   Data Name                                             Locator    Blk
Structure   Definition    Data Type      Attributes
    201       03 QTR-END-SUM . . . . . . . . . . . . . . . BLW=0000   052   0 000
00A   DS 14C        Disp-Num
    203   01 MEM-MO-ARRAY. . . . . . . . . . . . . . . . . BLW=0000   748
   DS 0CL1788    Grp-VarLen     OG
    204     02 MEM-MO-CNT. . . . . . . . . . . . . . . . . BLW=0000   748   0 000
000   DS 3C         Disp-Num       D
    205     02 MEM-MO-MAX. . . . . . . . . . . . . . . . . BLW=0000   74B   0 000
003   DS 3C         Disp-Num
    206     02 MEM-MO-GRP. . . . . . . . . . . . . . . . . BLW=0000   74E   0 000
006   DS 0CL18      Group          O
    209        MEM-MO-INDX . . . . . . . . . . . . . . . . IDX=0002   000
                 Index-Name
    210       03 MEM-MO-VALUE. . . . . . . . . . . . . . . BLW=0000   74E   0 000
006   DS 4C         Display
    211       03 MEM-MO-SUM. . . . . . . . . . . . . . . . BLW=0000   752   0 000
00A   DS 14C        Disp-Num
    216   01 WS-FLAGS. . . . . . . . . . . . . . . . . . . BLW=0000   E48
   DS 0CL1       Group
    217     02 WS-END-OF-FILE. . . . . . . . . . . . . . . BLW=0000   E48   0 000
000   DS 1C         Display
    218     88 END-OF-FILE . . . . . . . . . . . . . . . .
    219     88 NOT-END-OF-FILE . . . . . . . . . . . . . .
    220   01 WS-YYMM . . . . . . . . . . . . . . . . . . . BLW=0000   E50
   DS 0CL4       Group
    221     02 WS-YYMM-YY. . . . . . . . . . . . . . . . . BLW=0000   E50   0 000
000   DS 2C         Display
    222     02 WS-YYMM-MM. . . . . . . . . . . . . . . . . BLW=0000   E52   0 000
002   DS 2C         Display
    231   01 LK-CSBEROR. . . . . . . . . . . . . . . . . . BLW=0000   E58
   DS 0CL162     Group
    232     02 LK-ERR-PGM-NAME . . . . . . . . . . . . . . BLW=0000   E58   0 000
000   DS 8C         Display
    233     02 LK-ERR-PGM-VER. . . . . . . . . . . . . . . BLW=0000   E60   0 000
008   DS 5C         Display
    234     02 LK-ERR-PARAGRAPH. . . . . . . . . . . . . . BLW=0000   E65   0 000
00D   DS 35C        Display
    235     02 LK-ERR-TYPE . . . . . . . . . . . . . . . . BLW=0000   E88   0 000
030   DS 1C         Display
    236     02 LK-ERR-NAME . . . . . . . . . . . . . . . . BLW=0000   E89   0 000
031   DS 30C        Display
    237     02 LK-ERR-STATUS . . . . . . . . . . . . . . . BLW=0000   EA7   0 000
04F   DS 2C         Display
    238     02 LK-ERR-SQLCODE. . . . . . . . . . . . . . . BLW=0000   EA9   0 000
051   DS 9C         Disp-Num
    239     02 LK-ERR-ACTION . . . . . . . . . . . . . . . BLW=0000   EB2   0 000
05A   DS 1C         Display
    240     02 LK-ERR-KEYS . . . . . . . . . . . . . . . . BLW=0000   EB3   0 000
05B   DS 20C        Display
    241     02 LK-ERR-FLAG . . . . . . . . . . . . . . . . BLW=0000   EC7   0 000
06F   DS 1C         Display
    242     02 LK-ERR-COMPANY. . . . . . . . . . . . . . . BLW=0000   EC8   0 000
070   DS 50C        Display
    249   01 LK-CSBTURN. . . . . . . . . . . . . . . . . . BLW=0000   F00
   DS 0CL83      Group
    250     02 LK-TURN-NUMBER. . . . . . . . . . . . . . . BLW=0000   F00   0 000
```

```
000   DS 3C         Disp-Num
    251     02 LK-TURN-VALUE . . . . . . . . . . . . . . . BLW=0000   F03   0 000
003   DS 15C        Display
    252     02 LK-TURN-SUM . . . . . . . . . . . . . . . . BLW=0000   F12   0 000
012   DS 15C        Disp-Num
    253     02 LK-TURN-FILE-NAME . . . . . . . . . . . . . BLW=0000   F21   0 000
021   DS 50C        Display
    261   01 PARM-REC. . . . . . . . . . . . . . . . . . . BLL=0001   000
   DS 0CL52      Group
    262     02 PARM-LENGTH . . . . . . . . . . . . . . . . BLL=0001   000   0 000
000   DS 2C         Binary
    263     02 PARM-DATASET-NAME . . . . . . . . . . . . . BLL=0001   002   0 000
002   DS 50C        Display
1PP 5668-958 IBM VS COBOL II Release 4.0 09/15/92                 MUM014    Date
10/06/99  Time 11:18:57   Page    34
0PROGRAM GLOBAL TABLE BEGINS AT LOCATION 000080 FOR 000044 BYTES
 THE PGT CONTAINS 000001 CELL(S) FOR ADDRESSABILITY TO THE CGT
 PBL1    AT LOCATION 000594 FOR LINE 5
0
 LITERAL POOL MAP FOR SYSTEM LITERALS IN THE PGT:
 000080  (LIT+0)      00000001 3B9ACA00 00000000 40404040 40404040 40404040 40404040
40404040  |............                    |
 0000A0  (LIT+32)     40404040 40404040 40F0F0F0 F0F0F0F0 F0F0F0F0 F0F0F0C0 0000000C
          |         00000000000000.....    |
1PP 5668-958 IBM VS COBOL II Release 4.0 09/15/92                 MUM014    Date
10/06/99  Time 11:18:57   Page    35
0CONSTANT GLOBAL TABLE BEGINS AT LOCATION 0000C4 FOR 00038D BYTES
 LITERAL POOL MAP FOR LITERALS IN THE CGT:

 000124  (LIT+0)      00000001 00000006 00000000 000C0012 5C5C4040 40404040 E2C5C540
C3E2C2C5  |................**      SEE CSBE|
 000144  (LIT+32)     D9D6D940 C6D6D940 D4D6D9C5 40C9D5C6 D6D9D4C1 E3C9D6D5 40404040
40404040  |ROR FOR MORE INFORMATION        |
 000164  (LIT+64)     5C5C5C5C 40404040 4040C1D7 D7D3C9C3 C1E3C9D6 D540C5D9 D9D6D940
D7D9D6C7  |****      APPLICATION ERROR PROG|
 000184  (LIT+96)     D9C1D440 E2E3D6D7 D7C5C440 40404040 40405C5C 5C5C4040 40404040
404040D5  |RAM STOPPED       ****         N|
 0001A4  (LIT+128)    D640C9D5 D7E4E340 D9C5C3D6 D9C4E240 E6C5D9C5 40D9C5C1 C4404040
40404040  |O INPUT RECORDS WERE READ       |
 0001C4  (LIT+160)    40404040 5C5C5C5C 40404040 4040C4C1 E3C140C5 D9D9D6D9 406040D7
D9D6C7D9  |    ****      DATA ERROR - PROGR|
 0001E4  (LIT+192)    C1D440C3 D6D4D7D3 C5E3C5C4 40404040 40404040 40405C5C 5C5C5C5C
5C5C5C5C  |AM COMPLETED          **********|
 000204  (LIT+224)    5C5C5C5C 5C5C5C5C 5C5C5C5C 5C5C5C5C 5C5C5C5C 5C5C5C5C 5C5C5C5C
5C5C5C5C  |********************************|
 000224  (LIT+256)    5C5C5C5C 5C5C5C5C 5C5CD6E5 C5D9C6D3 D6E640D6 D540D4C5 D4C2C5D9
40D4D6D5  |**********OVERFLOW ON MEMBER MON|
 000244  (LIT+288)    E3C840C1 D9D9C1E8 D6E5C5D9 C6D3D6E6 40D6D540 D8E4C1D9 E3C5D940
C5D5C440  |TH ARRAYOVERFLOW ON QUARTER END |
 000264  (LIT+320)    C1D9D9C1 E840D6E4 E3D7E4E3 40D9C5C3 D6D9C4E2 40E6D9C9 E3E3C5D5
407A4040  |ARRAY OUTPUT RECORDS WRITTEN :  |
 000284  (LIT+352)    C9D5D7E4 E340D9C5 C3D6D9C4 E240D9C5 C1C47A40 40404040 40F9F2F0
F060E6D9  |INPUT RECORDS READ:      9200-WR|
 0002A4  (LIT+384)    C9E3C560 D6E4E3D7 E4E3F9F9 F0F060C3 D3D6E2C5 60C6C9D3 C5E2F9F1
F0F060D9  |ITE-OUTPUT9900-CLOSE-FILES9100-R|
 0002C4  (LIT+416)    C5C1C460 C9D5D7E4 E3D4C340 D4C5D4C2 C5D940D4 D6D5E3C8 F1F2F0F0
60D6D7C5  |EAD-INPUTMC MEMBER MONTH1200-OPE|
 0002E4  (LIT+448)    D560C6C9 D3C5E2D4 E4D4F0F1 F44040E2 E8E2D6E4 E34040D6 E4E3D4C3
D4D440C9  |N-FILESMUM014  SYSOUT  OUTMCMM I|
 000304  (LIT+480)    D5D7D4C3 D4D44010 0C1C1F00 00014800 00000200 00013C00 00000100
00014000  |NPMCMM ........................ .|
 000324  (LIT+512)    00000200 0001B000 00000200 00000080 000000F0 F0F0F0F0 F0F0F0F0
F0F0F0F0  |..................0000000000000|
```

```
 000344  (LIT+544)    F0C0F0F0 F0F0F0F0 F0F0F0F0 F0F1F0C0 40202020 6B202020 6B202120
08000000  |0.0000000000010. ...,...,.......|
 000364  (LIT+576)    04000000 F0F0F2F0 F0F6F0F9 F9604080 00000000 25C00001 40000808
00003C02  |....002006099- ......... .......|
 000384  (LIT+608)    27014000 00320800 003C0070 FF014000 00320800 003C00A2 FF400002
80004000  |.. ........... ........s. .... .|
 0003A4  (LIT+640)    01800001 4000001A 0800003C 01A54000 000B0900 013C0038 FF014000
001A0800  |.... ........v ........... .....|
 0003C4  (LIT+672)    003C01BF 4000000B 0900013C 0038FF01 40000032 0800003C 00D4FF01
40000032  |.... ........... ........M.. ...|
 0003E4  (LIT+704)    0800003C 0106FF01 40000032 0800003C 0138FF01 4000001E 0800003C
016AFF01  |........ ........... ...........|
 000404  (LIT+736)    4000001D 0800003C 0188FF80 00028000 80000180 00201900 02708019
00027080  | ........h......................|
 000424  (LIT+768)    00000000 40C00001 40000608 00003C02 27024000 08080000 3C022709
00014C00  |.... ... ......... ...........<.|
 000444  (LIT+800)    00090001 3C000009 00014800 00
          |............                    |
 LINE #  HEXLOC  VERB                        LINE #  HEXLOC  VERB
    LINE #  HEXLOC  VERB
 000278 000722 PERFORM                       000280 00073E PERFORM
    000283 000762 PERFORM
 000284 00077A PERFORM                       000286 000796 GOBACK
    000294 00079E ACCEPT
 000295 0007B2 ACCEPT                        000297 0007C2 PERFORM
    000298 0007DA PERFORM
 000305 0007FC OPEN                          000306 00081E IF
    000307 00082C INITIALIZE
 000308 000880 MOVE                          000309 00088C MOVE
    000310 000890 MOVE
 000311 00089C MOVE                          000312 0008A2 MOVE
    000313 0008A6 PERFORM
 000316 0008BE OPEN                          000317 0008E0 IF
    000318 0008EE INITIALIZE
 000319 000942 MOVE                          000320 00094E MOVE
    000321 000952 MOVE
 000322 00095E MOVE                          000323 000964 MOVE
    000324 000968 PERFORM
 000333 000986 PERFORM                       000335 0009A2 IF
    000336 0009AE PERFORM
 000345 0009CC PERFORM                       000346 0009E8 PERFORM
    000347 000A04 PERFORM
 000355 000A26 PERFORM                       000356 000A42 PERFORM
    000363 000A64 STRING
 000365 000A70 SET                           000366 000A76 SEARCH
    000368 000AA8 MOVE
 000370 000AC2 MOVE                          000372 000ADC ADD
    000373 000AF6 IF
 000374 000B14 DISPLAY                       000375 000B22 PERFORM
    000377 000B42 WHEN
 000378 000B52 ADD                           000389 000B82 SET
    000391 000B88 SEARCH
 000393 000BB6 MOVE                          000395 000BD0 MOVE
    000397 000BF4 ADD
 000398 000C0E IF                            000399 000C2C DISPLAY
    000400 000C3A PERFORM
 000402 000C5A WHEN                          000403 000C6A ADD
    000412 000CAA PERFORM
 000413 000CC2 PERFORM                       000415 000CDE INITIALIZE
    000416 000D02 MOVE
 000417 000D08 MOVE                          000418 000D26 PERFORM
    000420 000D42 INITIALIZE
 000421 000D66 MOVE                          000422 000D6C MOVE
```

```
    000423 000D72 MOVE
 000424 000D90 MOVE                          000425 000D96 PERFORM
    000432 000DB8 PERFORM
 000441 000E0E INITIALIZE                    000442 000E32 MOVE
    000443 000E3E STRING
 000445 000E4E MOVE                          000446 000E66 MOVE
    000447 000E6C PERFORM
 000454 000E8A PERFORM                       000463 000EE0 INITIALIZE
    000464 000F04 MOVE
 000465 000F10 STRING                        000467 000F20 MOVE
    000468 000F38 MOVE
 000469 000F3E PERFORM                       000477 000F5C DISPLAY
    000478 000F6A DISPLAY
1PP 5668-958 IBM VS COBOL II Release 4.0 09/15/92                 MUM014    Date
10/06/99  Time 11:18:57   Page    36
0000479 000F74 DISPLAY                       000480 000F7E DISPLAY
    000489 000F8E MOVE
 000490 000FAE DISPLAY                       000493 000FBC MOVE
    000494 000FDC DISPLAY
 000497 000FE6 PERFORM                       000504 001008 READ
    000506 001038 EVALUATE
 000507 001038 WHEN                          000508 00104A SET
    000509 001052 WHEN
 000510 001064 ADD                           000511 0010B2 WHEN
    000512 0010B2 INITIALIZE
 000513 001106 MOVE                          000514 001112 MOVE
    000515 001116 MOVE
 000516 001122 MOVE                          000517 001128 MOVE
    000518 00112C PERFORM
 000526 00114A WRITE                         000528 001180 EVALUATE
    000529 001180 WHEN
 000530 001192 ADD                           000531 0011DC INITIALIZE
    000532 001204 WHEN
 000533 001204 INITIALIZE                    000534 001258 MOVE
    000535 001264 MOVE
 000536 001268 MOVE                          000537 001274 MOVE
    000538 00127A MOVE
 000539 00127E PERFORM                       000547 00129C CALL
    000554 0012C6 CLOSE
 000555 0012E8 IF                            000556 0012F6 INITIALIZE
    000557 00134A MOVE
 000558 001356 MOVE                          000559 00135A MOVE
    000560 001366 MOVE
 000561 00136C MOVE                          000562 001370 PERFORM
    000565 001388 CLOSE
 000566 0013AA IF                            000567 0013B8 INITIALIZE
    000568 00140C MOVE
 000569 001418 MOVE                          000570 00141C MOVE
    000571 001428 MOVE
 000572 00142E MOVE                          000573 001432 PERFORM
    000583 001450 MOVE
 000584 001456 MOVE                          000585 00145C MOVE
    000587 001466 DISPLAY
 000588 001474 DISPLAY                       000589 00147E DISPLAY
    000590 001488 DISPLAY
 000592 001492 CALL                          000594 0014B6 MOVE
    000596 0014BC GOBACK

1PP 5668-958 IBM VS COBOL II Release 4.0 09/15/92                 MUM014    Date
10/06/99  Time 11:18:57   Page    37
0                    *** TGT MEMORY MAP ***
                     TGTLOC
```

```
000000  72 BYTE SAVE AREA
000048  TGT IDENTIFIER
000050  TGT LEVEL INDICATOR
000051  RESERVED - 3 SINGLE BYTE FIELDS
000054  32 BIT SWITCH
000058  POINTER TO RUNCOM
00005C  POINTER TO COBVEC
000060  POINTER TO PROGRAM DYNAMIC BLOCK TABLE
000064  NUMBER OF FCB'S
000068  WORKING STORAGE LENGTH
00006C  POINTER TO PREVIOUS TGT IN TGT CHAIN
000070  ADDRESS OF IGZESMG WORK AREA
000074  ADDRESS OF 1ST GETMAIN BLOCK (SPACE MGR)
000078  FULLWORD RETURN CODE
00007A  RETURN CODE SPECIAL REGISTER
00007C  SORT-RETURN SPECIAL REGISTER
00007E  MERGE FILE NUMBER
000080  RESERVED - 4 HALF WORD FIELDS
000088  PROGRAM MASK OF CALLER OF THIS PROGRAM
000089  PROGRAM MASK USED BY THIS PROGRAM
00008A  RESERVED - 2 SINGLE BYTE FIELDS
00008C  NUMBER OF SECONDARY FCB CELLS
000090  LENGTH OF THE VN(VNI) VECTOR
000094  ADDRESS OF IGZEBST TERMINATION ROUTINE
000098  DDNAME FOR DISPLAY OUTPUT
0000A0  SORT-CONTROL SPECIAL REGISTER
0000A8  POINTER TO COM-REG SPECIAL REGISTER
0000AC  CALC ROUTINE REGISTER SAVE AREA
0000E0  ALTERNATE COLLATING SEQUENCE TABLE PTR.
0000E4  ADDRESS OF SORT G.N. ADDRESS BLOCK
0000E8  ADDRESS OF IGZCLNK DYNAMIC WORK AREA
0000EC  CURRENT INTERNAL PROGRAM NUMBER
0000F0  POINTER TO 1ST IPCB
0000F4  POINTER TO NEXT TGT (NORES ONLY)
0000F8  POINTER TO ABEND INFORMATION TABLE
0000FC  POINTER TO FDMP/TEST FIELDS IN THE TGT
000100  ADDRESS OF START OF COBOL PROGRAM
000104  POINTER TO VN'S IN CGT
000108  POINTER TO VN'S IN TGT
00010C  POINTER TO FIRST PBL IN THE PGT
000110  POINTER TO FIRST FCB CELL
000114  WORKING STORAGE ADDRESS
000118  POINTER TO FIRST SECONDARY FCB CELL

*** VARIABLE PORTION OF TGT ***

00011C  BACKSTORE CELL FOR SYMBOLIC REGISTERS
000134  BASE LOCATORS FOR SPECIAL REGISTERS
00013C  BASE LOCATORS FOR WORKING-STORAGE
000140  BASE LOCATORS FOR LINKAGE-SECTION
000148  BASE LOCATORS FOR FILES
000150  CLLE ADDR. CELLS FOR CALL LIT. SUB-PGMS.
000158  VARIABLE NAME (VN) CELLS
0001B0  INDEX CELLS
0001B8  PERFORM SAVE CELLS
```



```
0
000234  VARIABLE LENGTH CELLS
00023C  ODO SAVE CELLS
000244  FCB CELLS
00024C  INTERNAL PROGRAM CONTROL BLOCKS
000260  TEMPORARY STORAGE-2
0
```

```
 TGT      WILL BE ALLOCATED FOR 00000298 BYTES
 DCB00001 WILL BE ALLOCATED FOR 00000060 BYTES
 FCB00001 WILL BE ALLOCATED FOR 00000100 BYTES
 DCB00002 WILL BE ALLOCATED FOR 00000060 BYTES
 FCB00002 WILL BE ALLOCATED FOR 00000100 BYTES
 GDT00001 WILL BE ALLOCATED FOR 000000A0 BYTES
 WRK-STOR WILL BE ALLOCATED FOR 00000F53 BYTES
 SPEC-REG WILL BE ALLOCATED FOR 00000031 BYTES
0CONSTANT GLOBAL TABLE FOR DYNAMIC STORAGE INITIALIZATION AT LOCATION 00153C
0INITD CODE FOR DYNAMIC STORAGE INITIALIZATION BEGINS AT LOCATION 001AB4 FOR LENGTH
00019E
-* Statistics for COBOL program MUM014:
 *    Source records = 600
 *    Data Division statements = 78
 *    Procedure Division statements = 140
0End of compilation 1,  program MUM014,  no statements flagged.
0Return code 0
```