LICENSE: INTERCOMM TELEPROCESSING MONITOR

INTERCOMM DSECTS

INTERCOMM DSECTS, con't.

ASM H V 02 15.46 09/01/98

SYMBOL	TYPE	ID	ADDR	LENGTH	LD ID	FLAGS
ISPSECTS	SD	0001	000000	000000		00
VCTACB	ER	0002				

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

000000                              2 ISPSECTS CSECT                                                        00001400
                                    3          COPY  INTGLOBE                                               00001500
                                    4 ************************************************************************X00001000
                                                 INTGLOBE  -  GENERAL SYSTEM FEATURES:                      00002000
                                    5          GBLC  &MRSVC       INTERCOMM INTERREGION SVC(MRS,ESS,VS,MVS)CH 00007000
                                    6          GBLC  &IISVC       INTERCOMM INTEGRITY SVC  (REPLACES MRSVC)   00008000
                                    7          GBLC  &INTSVC             DATABASE INTERREGION SVC          SWX00009000
                                                 FRONT-END CHARACTERISTICS:  USED IN BTAM/VTAM MODULES     00010000
                                    8          GBLB  &BTAM               BTAM (INC. GFE)  CONFIGURATION    00011000
                                    9          GBLB  &VTAM               VTAM             CONFIGURATION    00012000
                                   10          GBLB  &BMNOLD             USE OLD R9 MSGHBMN (2-BYTES)  R11-CH 00012500
                                   11          GBLB  &TIMSTMP            TIME-STAMP ON RESPONSES TO F.E. CMD X00013000
                                                 RESOURCE MANAGEMENT:                                      00014000
                                   12          GBLB  &RMSTATS            RM STATISTICS GATHERING.          00016000
                                   13          GBLB  &RMACCT             BUCKET ACCOUNTING SWITCH.         00017000
                                   14          GBLB  &POOLNM             POOLDUMP DEBUG FEATURE            00018500
                                   15          GBLB  &RMINTEG            RESOURCE MGMNT CORE INTEGRITY CHCK. X00019000
                                                 DISPATCHER:                                               00020000
                                   16          GBLA  &NUMWQES            NUMBER OF WORK QUEUE ELEMENTS     X00021000
                                                 FILE HANDLER:                                             00022000
                                   17          GBLB  &IAM                IAM FILES USED                SM1335 00023000
                                   18          GBLA  &RPTINTV            FILE STATISTICS REPORT INTERVAL   00024000
                                   19          GBLA  &FHSTATS            NUMBER OF DSCT STATISTICS BUCKETS MK 00025000
                                   20          GBLB  &ISAM               ISAM FILES USED                   00026000
                                   21          GBLB  &VSAM               VSAM FILES USED                   00028000
                                   22          GBLB  &VSISAM             ISAM/VSAM COMPATIBILITY REQUIRED  X00030000
                                                 EDIT UTILITY:                                             00031000
                                   23          GBLB  &DELCHNG            NO CORRECT/CHANGE FACILITY USED   00032000
                                   24          GBLB  &EDERRS             NO MAXIMUM FOR EDIT ERRORS SENT   00033000
                                   25          GBLA  &EDERMAX            MAXIMUM NUMBER OF EDIT ERRORS     X00034000
                                                                         (USED ONLY IF &EDERRS=0)          00035000
                                   26          GBLB  &OPTRPT             SEND ERRORS FOR OPTIONAL PARMS    X00036000
                                                 OUTPUT UTILITY:                                           00037000
                                   27          GBLB  &DDQBACK            DYNAMIC DATA Q'S - AUTO INPUT     00039000
                                   28          GBLB  &BROAD              NO BROADCAST GROUPS               00040000
                                   29          GBLB  &RPTBLE             NO REPORTS TO TAPE                00041000
                                   30          GBLB  &ALTRPT             NO ALTERNATE REPORTS              00042000
                                   31          GBLB  &OUTEXIT            NO USER OUTPUT EXIT               X00043000
                                                 DL/I SUPPORT:                                             00045000
                                   32          GBLB  &DLI                DL/1                              X00046000
                                                 TOTAL SUPPORT:                                            00047000
                                   33          GBLC  &TOTDESC            TOTAL DATA BASE DESCRIPTOR        00048000
                                   34          GBLA  &TOTMOD  SETTING: 1 IF ATTACHED, 2 IF SEP TOT REG SMO990 00049000
                                   35          GBLC  &TOTSVC             TOTAL INTERREGION SVC NUMBER      X00050000
                                                 MULTIREGION SUPPORT:                                      00059000
                                   36          GBLB  &MULTREG            MULTI-REGION SUPPORT REQUESTED    X00060000
                                                 LOGINPUT FACILITY:                                        00061000
                                   37          GBLC  &GENTERM            DUMMY TERMINAL-ID                 00062000
                                   38          GBLA  &LOGINTM            LOGINPUT DISPATCH INTERVAL        00063000
                                   39          GBLA  &LGINRTD            LOGINPUT REAL-TIME DIVISOR      SK 00064000
                                   40 ************************************************************************ 00065000
```

```
LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM H V 02 15.46 09/01/98

                                   42          COPY  SETGLOBE                                                    00001700
                                   43 ************************************************************************X00001000
                                                     SETGLOBE  -  GENERAL SYSTEM FEATURES:                       00002000
                                   44 &MRSVC    SETC  'O13'              INTERCOMM INTERREGION SVC NOT USED     00007000
                                   45 &IISVC    SETC  'O13'           INTERCOMM INTEGRITY SVC NOT USED SM2116   00008000
                                   46 &INTSVC   SETC  'O13'             DL1 DATABASE INTERREGION SVC NOT USED*00009000
                                                     FRONT-END CHARACTERISTICS:                                  00013000
                                   47 &BTAM     SETB  1                  BTAM FRONT-END IS  IN USE              00014000
                                   48 &VTAM     SETB  1                  VTAM FRONT-END IS  IN USE           MD 00015000
                                   49 &BMNOLD   SETB  0                2-BYTE OLD BMN NUMBER NOT USED  R11-CH 00015500
                                   50 &TIMSTMP  SETB  0                  NO TIMSTAMPS ON F.E. CMD RESP        X00016000
                                                     RESOURCE MANAGEMENT:                                        00017000
                                   51 &RMSTATS  SETB  1                        STATISTICS                      00019000
                                   52 &RMACCT   SETB  1                        ACCOUNTING                      00020000
                                   53 &POOLNM   SETB  1                        POOLDUMP DEBUG FEATURE          00021500
                                   54 &RMINTEG  SETB  0                NEXT POOL HEADER INTEGRITY CHECK XM871X00022000
                                                     DISPATCHER:                                                 00024000
                                   55 &NUMWQES  SETA  1000                 NUMBER OF WORK QUEUE ELEMENTS R11-CHX00025000
                                                     FILE HANDLER:                                               00026000
                                   56 &RPTINTV  SETA  600*300              600 SECS = 10 MINS                  00027000
                                   57 &FHSTATS  SETA  5                    NUMBER OF DSCT STATISTICS BUCKETS MK 00028000
                                   58 &ISAM     SETB  1                    ISAM FILES USED                     00029000
                                   59 &IAM      SETB  0                    DEFAULT - NO IAM SUPPORT       SM1335 00031000
                                   60 &ISAM     SETB  (&ISAM OR  &IAM)     ISAM IF  IAM                       DR 00032000
                                   61 &VSISAM   SETB  1                    ISAM/VSAM COMPATIBILITY             00033000
                                   62 &VSAM     SETB  1                    VSAM FILES USED                     00034000
                                   63 &VSAM     SETB  (&VSAM OR &VSISAM)     NEED VSAM FOR COMPATABILITY      *00035000
                                                     EDIT UTILITY:                                               00039000
                                   64 &DELCHNG  SETB  1                    NO CANCEL/CORRECT FACILITY          00040000
                                   65 &EDERRS   SETB  0              SEND NO MORE THAN &EDERMAX ERROR MSGS     00041000
                                   66 &EDERMAX  SETA  5                    MAXIMUM NUMBER OF ERRORS/MESSAGES   00042000
                                   67 &OPTRPT   SETB  0                SUPPRESS ERROR MSG IF PARM IS OPTIONAL   X00043000
                                                     OUTPUT UTILITY:                                             00044000
                                   68 &DDQBACK  SETB  0                    DEFAULT TO NO DDQ AUTO INPUT        00046000
                                   69 &BROAD    SETB  0                    BROADCAST GROUPS IN USE             00047000
                                   70 &RPTBLE   SETB  0                    REPORTS TO TAPE IN USE              00048000
                                   71 &ALTRPT   SETB  1                    ALTERNATE REPORTS NOT IN USE  SM1577 00049000
                                   72 &OUTEXIT  SETB  1                    NO USER OUTPUT EXIT                 X00050000
                                                     DL/I SUPPORT:                                               00052000
                                   73 &DLI      SETB  0                    DL/I NOT IN USE                     X00053000
                                                     TOTAL SUPPORT:                                              00054000
                                   74 &TOTDESC  SETC  'XXXXXX'             TOTAL DATA BASE DESCRIPTOR          00055000
                                   75 &TOTMOD   SETA  1          SETTING: 1 IF ATTACHED, 2 IF SEP TOT REG SM0990 00056000
                                   76 &TOTSVC   SETC  'NUL'                NO INTERREGION COMM NECESSARY       X00057000
                                                     MULTIREGION SUPPORT:                                        00065000
                                   77 &MULTREG  SETB  1                    MULTI-REGION SUPPORT REQUESTED      X00066000
                                                     LOGINPUT FACILITY:                                          00067000
                                   78 &GENTERM  SETC  '$$$$$'              M.S.G. OR LOGINPUT TID              00068000
                                   79 &LOGINTM  SETA  3                    .3 SEC TO DISP LOGINPUT             00069000
                                   80 &LGINRTD  SETA  5                    LOGINPUT REAL-TIME DIVISOR          00070000
                                   81 ************************************************************************ 00071000
```

```
LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                   83          COPY  ENVIRON                                                  00001900
                                   84 ********************************************************************** 00000100
                                   85 *               FRONT END (BTAM/TCAM) GLOBAL TABLE                   * 00000200
                                   86 **********************************************************************X00000300
                                                     REQUIRED GENERALLY FOR BTAM/TCAM  FRONT END             00000400
                                   87          GBLA  &CLDWAIT      CRT FLUSH-MSG INTERVAL IN CLOSEDOWN       00000500
                                   88          GBLC  &CNTL         CONTROL TERMINAL NAME                     00000600
                                   89          GBLA  &FEPRTY       FRONT-END PRIORITY                        00000700
                                   90          GBLA  &MAXINLN      BISYNC-INPUT MESSAGE MAXIMUM LENGTH       00000800
                                   91          GBLC  &SEPCHAR      SYSTEM SEPARATOR CHARACTER                X00000900
                                                     GENERAL DEVICE INFORMATION                            00001000
                                   92          GBLB  &BUFFERS      BUFFERED HARDCOPY DEVICES PRESENT         00001100
                                   93          GBLB  &CONVER       SOME CONVERSATIONAL TERMS PRESENT         00001200
                                   94          GBLB  &BISYNC       BINARY SYNC TERMINALS IN USE              00001300
                                   95          GBLB  &BACKSPC      BACKSPACE CORRECTION DESIRED              00001400
                                   96          GBLB  &IDLES        UNBUFFERED TERMINALS NEED IDLES           00001500
                                   97          GBLB  &DDQ          SEGMENTED INPUT/OUTPUT DDQS PRESENT       00001600
                                   98          GBLB  &GFE          TCAM/GENERALIZED FRONT END INTERFACE      X00001700
                                                     TERMINALS SUPPORTED AND SOME OF THEIR FEATURES         00001800
                                   99          GBLB  &IBM3270      3270 REMOTE SUPPORT                       00001900
                                  100          GBLB  &IBM327L      3270 LOCAL SUPPORT                        00002000
                                  101          GBLB  &IBM129       IBM 129/3270 CARD PUNCH ATTACHMENT        00002100
                                  102          GBLB  &CNT1050      OS CONSOLE                                00002200
                                  103          GBLB  &IBM2740      IBM 2740 LEASED                           00002600
                                  104          GBLB  &DIALUP       DIALUP TERMINALS PRESENT                  00002700
                                  105          GBLB  &IBM2741      IBM 2741 LEASED                           00002800
                                  106          GBLB  &DL2741       IBM 2741 DIAL-UP                          00002900
                                  107          GBLB  &IBM2770      IBM 2770 LEASED                           00003000
                                  108          GBLB  &BSCSGMT      2770 SEGMENTING OPTION DESIRED            00003100
                                  109          GBLB  &IRS          INTER RECORD SEPARATOR FOR 2770           00003200
                                  110          GBLB  &DUALCOM      DUAL COMMUNIC. INTFACE ON 2701            00003300
                                  111          GBLB  &IBM2780      IBM 2780 LEASED                           00003400
                                  112          GBLB  &RDR2780      IBM 2780 CARD-READERS ON SYSTEM           00003500
                                  113          GBLB  &EM           END-OF-MSG CHARACTER IN USE FOR 2780      00003600
                                  114          GBLB  &BLK2780      ACCUM 2780 I/O UNTIL EOT BEFORE QUEUEING  00003700
                                  115          GBLB  &IBM1030      IBM 1030 SUPPORT                          00003800
                                  116          GBLB  &IBM1050      IBM 1050 LEASED LINE                      00003900
                                  117          GBLB  &IBM3735      IBM3735 DIAL-UP                           00004000
                                  118          GBLB  &IBM7770      IBM7770 DIAL-UP                           00004100
                                  119          GBLC  &REPET77      REPEAT 7770 MESSAGE REQUEST               00004200
                                  120          GBLB  &BSCDIAL      BISYNC SWITCHED LINE CPU SUPPORT          00004300
                                  121          GBLB  &DIAL360      SWITCHED IBM 360                          00004400
                                  122          GBLB  &DIL2780      DIAL-UP 2780                              00004500
                                  123          GBLB  &BSCLEAS      LEASED BISYNC CPU SUPPORT                 00004600
                                  124          GBLB  &IBM360       LEASED IBM 360                            00004700
                                  125          GBLB  &LTTY         LEASED LINE TELETYPE                      00004800
                                  126          GBLC  &TTYSVC       ASR 33/35 POINT TO POINT-SVC (NON-MVS)    00004900
                                  127          GBLB  &DS40         TELETYPE-DATASPEED 40 LEASED/DIAL-UP      00005000
                                  128          GBLB  &DATA100      DATA 100                                  00005800
                                  129          GBLB  &SPCLTTY      SPECIAL LEASED P TO P                     00005900
                                  130          GBLB  &SIMTTY       SIMULATED LEASED-LINE TTY  (NCIC)         00006000
```

```
                                 132          COPY  SETENV                                                          00002100
                                 133 ********************************************************************** 00000100
                                 134 *                FRONT END (BTAM/TCAM) GLOBAL SETTINGS                 * 00000200
                                 135 ********************************************************************** 00000300
                                 136 &CLDWAIT SETA  10             10 SECOND CRT FLUSH INTERVAL               00000400
                                 137 &CNTL    SETC  'CNTO1'        SET CONTROL CONSOLE NAME TO CNTO1          00000500
                                 138 &FEPRTY  SETA  2              DEFAULT FRONT-END PRIORITY                 00000600
                                 139 &MAXINLN SETA  4095           INPUT MESSAGE MAXIMUM LENGTH               00000700
                                 140 &SEPCHAR SETC  '6B'           SET SEPARATOR CHARACTER TO COMMA            00000800
                                 141 &BUFFERS SETB  1              HARD-COPY BUFFER PROCESSING                00000900
                                 142 &CONVER  SETB  1              CONVERSATIONAL PROCESSING DESIRED          00001000
                                 143 &BISYNC  SETB  1              BISYNC TERMS PRESENT                       00001100
                                 144 &BACKSPC SETB  1              BACKSPACE CORRECTION DESIRED               00001200
                                 145 &IDLES   SETB  1              IDLES PROCESSING REQUESTED                 00001300
                                 146 &DDQ     SETB  0              NO DDQ SEGMENTED INPUT PROCESSING          00001400
                                 147 &GFE     SETB  1              GENERALIZED FRONT END                      00001500
                                 148 &IBM327O SETB  1              IBM 327O REMOTE SUPPORTED                  00001600
                                 149 &IBM327L SETB  1              IBM 327O LOCAL SUPPORTED                   00001700
                                 150 &IBM129  SETB  0              NO IBM129/327O DEVICES                     00001800
                                 151 &CNT1050 SETB  1              CPU CONSOLE (1052/3215) USED               00001900
                                 152 &IBM274O SETB  1              IBM 274O SUPPORTED                         00002300
                                 153 &DIALUP  SETB  1              DIALUP TERMINALS BEING USED                00002400
                                 154 &IBM2741 SETB  1              LEASED 2741 TERMINAL SUPPORT               00002500
                                 155 &DL2741  SETB  1              IBM 2741 DIAL-UP TERMINAL SUPPORT          00002600
                                 156 &IBM277O SETB  1              IBM 277O SUPPORTED                         00002700
                                 157 &BSCSGMT SETB  0              NO 277O SEGMENTED INPUT ACCUMULATION       00002800
                                 158 &IRS     SETB  0              NO IRS PROCESSING TO BE DONE               00002900
                                 159 &DUALCOM SETB  0              NO 27O1 DUAL COMMUNICATION PROCESSING      00003000
                                 160 &IBM278O SETB  1              IBM 278O LEASED SUPPORTED                  00003100
                                 161 &RDR278O SETB  0              278O CARD READER ATTACHMENT NOT SUPPORTED  00003200
                                 162 &EM      SETB  0   NO EOM FEAT. FOR SHORT LEN. INPUT CARD SEGMENTS-278O 00003300
                                 163 &BLK278O SETB  0              NO 278O SEGMENTED INPUT ACCUMULATION       00003400
                                 164 &IBM1030 SETB  0              NO IBM 1030 TERMINALS                      00003500
                                 165 &IBM1050 SETB  0              NO IBM 1050 TERMINALS                      00003600
                                 166 &IBM373S SETB  0              NO IBM 3735 (SWITCHED) TERMINALS           00003700
                                 167 &IBM777O SETB  0              NO IBM 777O TERMINALS                      00003800
                                 168 &REPET77 SETC  'D5D6D9C5D7C5E3'    REPEAT MSG CODE          IBM777O    00003900
                                 169 &BSCDIAL SETB  1              SWITCHED BISYNC CPU LINES SUPPORTED        00004000
                                 170 &DIAL36O SETB  0              NO DIAL-UP CPU SUPPORT DESIRED             00004100
                                 171 &DIL278O SETB  1              DIAL-UP 278O SUPPORT                       00004200
                                 172 &BSCLEAS SETB  1              LEASED-BISYNC CPU SUPPORT REQUIRED         00004300
                                 173 &IBM36O  SETB  1              LEASED CPU SUPPORT IS REQUIRED             00004400
                                 174 &LTTY    SETB  0              NO TELETYPE POINT TO POINT                 00004500
                                 175 &TTYSVC  SETC  '013'          ASR 33/35 POINT TO POINT-SVC               00004600
                                 176 &DS4O    SETB  1              DATASPEED 4O TERMINALS IN USE              00004700
                                 177 &DATA1OO SETB  0              NO DATA 1OO TERMINALS                      00005500
                                 178 &SPCLTTY SETB  0              NO SPECIAL LEASED TTY SUPPORT              00005600
                                 179 &SIMTTY  SETB  0              NCIC NOT IN SYSTEM                         00005700
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                ASM H V 02 15.46 09/01/98

000000                            181 SPALIST  DSECT ,                                    00002300
                                  182          SPALIST                                   00002400
                                  183+         PRINT NOGEN                               01-SPALI
                                  188+         PRINT GEN                                 01-SPALI
```

```
191+*************************************************************************
192+*************************************************************************


194+* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

196+*                                                                       *

198+*           T H E  I N T E R C O M M  S Y S T E M                       *

200+*          C O P Y R I G H T  -  I S O G O N  C O R P.                  *
201+*                              (FORMERLY POLYGON SOFTWARE)              *

204+*                        * N O T I C E *                                *

206+*          INTERCOMM SYSTEM MODULES AND LISTINGS ARE FOR                *

208+*          THE USE OF THE COMPANY OR INDIVIDUAL TO WHICH                *

210+*          THEY WERE ORIGINALLY ADDRESSED.  REPRODUCTION                *

212+*          OF INTERCOMM, BY ANY MEANS, MAY BE DONE ONLY                 *

214+*          WITH THE PRIOR WRITTEN APPROVAL OF AN OFFICER                *

216+*          OF ISOGON CORP.                                              *

218+*                                                                       *

220+* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *


222+*************************************************************************
223+*************************************************************************
```

```
  LOC  OBJECT CODE     ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

000000                             225+SPALST   DS    OF          SPA ADDRESSABILITY FOR DSECT PROCESSING   CH O1-SPALI
000000 E2D7C1F1F1F0F0F0            226+SPAIDENT DC    C'SPA11000' .      * INTERCOMM RELEASE 11 *       R11-CH O1-SPALI
                           00003   227+SPAREL   EQU   SPAIDENT+3        LABEL FOR RELEASE NUMBER           CH O1-SPALI
                                   228+*                               SYSTEM PARAMETER LIST
000008 00000000                    229+SPACMUS  DC    F'0' .           *COUNT OF MAXIMUM USAGE               O1-SPALI
00000C 00000000                    230+SPAFULO  DC    F'0' .           *FULL WORD OF ZERO                    O1-SPALI
000010 00000001                    231+SPAFUL1  DC    F'1' .           *FULL WORD OF ONE                     O1-SPALI
000014 0A0D                        232+SPAMRSVC DC    X'0A',AL1(013)   *MULTI-REGION TYPE 1 SVC          MM O1-SPALI
000016 00                          233+SPAMRPKS DC    X'00' *           PROTECT KEY SAVE AREA             MM O1-SPALI
000017 80                          234+SPAMRSW  DC    B'10000000'                                         MM O1-SPALI
                                   235+*                               *** MULTI-REGION FLAGS - SPAMRSW -MM
                           00080   236+SPAMRINT EQU   X'80' *           THIS IS A MULTI-REGION INTERCOMM  MM O1-SPALI
                           00040   237+SPAMRCON EQU   X'40' *           MULTI-REGION CONTROL REGION       MM O1-SPALI
                           00020   238+SPAMRLOG EQU   X'20' *           MULTI-REGION SINGLE LOG FEATURE   MM O1-SPALI
                           00010   239+SPAMRCAC EQU   X'10' *           MULTI-REGION CONTROL REGION ACTIVEMM O1-SPALI
                           00008   240+SPAMRIPU EQU   X'08' *           MULTI-REGION INPUT TASK IS ACTIVE MM O1-SPALI
000018 00000000                    241+SPAMSNM  DC    F'0' .           *MESSAGE SEQUENCE NUMBER              O1-SPALI
00001C 00000000                    242+SPANMIP  DC    F'0' .           *NUMBER OF MSG IN PROGRESS (QUEUED)   O1-SPALI
000020 00000000                    243+SPANMOP  DC    F'0' .           *NUMBER OF MSG PROCESSING IN OVERLAYA O1-SPALI
000024 00000000                    244+SPAOVCP  DC    V(SCXFSOG1) .    *OVERLAY CONTROL POINTER ( CURRENT    O1-SPALI
                                   245+*                                     OVERLAYS INDEX ADDRESS)      LK
000028 00000000                    246+SPAPEDT  DC    V(EDITCTRL) .    *POINTER TO EDIT ROUTINE              O1-SPALI
00002C 00000000                    247+SPAPFTB  DC    V(PMIFILTB) .    *POINTER TO FILE TABLE                O1-SPALI
000030 00000000                    248+SPAMONOV DC    V(MONOVLY) .     *OVERLAY B/C/D CONTROL ROUTINE     CH O1-SPALI
000034 00000000                    249+SPACTIVE DC    F'0' .           *ECB FOR TOTAL WORK IN SYSTEM         O1-SPALI
000038 00000000                    250+SPAPIDM  DC    V(STORAGEM) .    *POINTER TO STORAGE ROUTINE           O1-SPALI
00003C 00000000                    251+SPAPMCR  DC    V(MSGCOL) .      *POINTER TO MESSAGE COLLECTION        O1-SPALI
000040 00000000                    252+SPAPSCX  DC    V(SCXESCX) .     *POINTER TO SYCTBL INDEX           LK O1-SPALI
000044 00000000                    253+SPASYTCB DC    V(ASYNCECB) .    *ADDRESS OF ASYNCHRONOUS LOADER ECB   O1-SPALI
000048 00000000                    254+SPAPSTB  DC    V(PMISTATB) .    *POINTER TO STATION TABLE             O1-SPALI
00004C 00000000                    255+SPAPVTB  DC    V(VERBTBL) .     *PTR TO EDIT CONTROL TABLE         CH O1-SPALI
000050 00000000                    256+SPADEVTB DC    V(PMIDEVTB) .    *PTR TO DEVICE TABLE                  O1-SPALI
000054 00000000                    257+SPARCNTB DC    V(PMIRCNTB) .    *PTR TO INCORE RPT..... TABLE         O1-SPALI
000058 00000000                    258+SPAFECRL DC    V(FECMRLSE) .     ADDRESS OF FECM RLSE ROUTINE  XMO201 O1-SPALI
00005C 00000000                    259+SPAFINDB DC    V(PMIFINDB) . *PTR TO ROUT TO FIND ITEM CODE- SINGLE SEG O1-SPALI
000060 00000000                    260+SPAFECFB DC    V(FECMFDBK) .     ADDRESS OF FECM FDBK ROUTINE  XMO201 O1-SPALI
000064 00000000                    261+SPADLTDB DC    V(PMIDLTDB) . *PTR TO ROUT TO ADD/DELETE MCD- SINGLE SEG O1-SPALI
000068 00000000                    262+SPAKLAST DC    V(IJKLAST) .     *PTR TO PRI/OV OF LAST TASK DISP OOMD O1-SPALI
00006C 00000000                    263+SPASRFT  DC    V(PMISRFT) .     *PTR TO ROUT TO FIND FILE TABLE       O1-SPALI
000070 00000000                    264+SPACPRSA DC    F'0' .           *PTR TO OPERATING SYSTEM SAVE AREA CH O1-SPALI
000074 00000000                    265+SPASELCT DC    V(SELECT)  .     *FILE HANDLER SELECT ROUTINE          O1-SPALI
000078 00000000                    266+SPARELES DC    V(RELEASE) .     *FILE HANDLER RELEASE ROUTINE         O1-SPALI
00007C 00000000                    267+SPAWRITE DC    V(WRITE)   .     *FILE HANDLER WRITE ROUTINE           O1-SPALI
000080 00000000                    268+SPAREAD  DC    V(READ)    .     *FILE HANDLER READ ROUTINE            O1-SPALI
                                   269+*
000084 00000000                    270+SPAKINTX DC    V(IJKINTX) .     *DISPATCHER ROUTINE- INTERVAL + EXIT  O1-SPALI
000088 00000000                    271+SPAKRETX DC    V(IJKRETX) .     *DISPATCHER ROUTINE- EXIT             O1-SPALI
00008C 00000000                    272+SPAKCNC  DC    V(IJKCNC)  .     *DISPATCHER ROUTINE- CANCEL A WQE     O1-SPALI
000090 00000000                    273+SPAKINT  DC    V(IJKINT)  .     *DISPATCHER ROUTINE- INTERVAL WAIT    O1-SPALI
000094 00000000                    274+SPAQDMSQ DC    V(PMIPUT)  .     *TEST MODE OUTPUT SNAP ROUTINE-R10 CH O1-SPALI
000098 00000000                    275+SPASECFT DC    F'0'       .     *ESS SECTEST ROUTINE ADDRESS -R10  CH O1-SPALI
00009C 0000012C                    276+SPASWIN  DC    A(300*1)     .   *SYSTEM WAIT INTERVAL                 O1-SPALI
0000A0 00000258                    277+SPATIMS  DC    A(300*2)     .   *TIME INTVL 4 WAITING FOR CORE AVAIL  O1-SPALI
0000A4 00015F90                    278+SPASECTM DC    AL4(300*60*5)      . SYSTEM TIME-OUT FOR SIGN-ON/OFF   O1-SPALI
0000A8 00000000                    279+SPABITM  DC    F'0' .            ADDRESS OF CONVERSE BITMAP        RB O1-SPALI
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

0000AC 00000000                   280+SPAKCNCX DC    V(IJKCNCX)          *DISPATCHER ROUTINE- CANCEL A WQE     01-SPALI
0000B0 00000000                   281+SPATNMP  DC    F'0' .              *TOTAL NUMBER OF MESSAGES PROCESSED   01-SPALI
                                  282+*                      HALF-WORDS
0000B4 0000                       283+SPACANC  DC    H'0' .              *NUMBER OF MESSAGES CANCELLED         01-SPALI
0000B6 0000                       284+SPACOVN  DC    H'0' .              *CURRENT OVERLAY NUMBER               01-SPALI
0000B8 0000                       285+SPAHAF0  DC    H'0' .              *HALF-WORD CONTAINING 0               01-SPALI
0000BA 0001                       286+SPAHAF1  DC    H'1' .              *HALF-WORD CONTAINING 1               01-SPALI
0000BC 00000000                   287+SPATHDCB DC    A(0) .            VS COBOL 2-LOADED THDCOM ADDRESS SM2251 01-SPALI
0000C0 00000000                   288+SPATHDCC DC    F'0' .            VS COB2-HOLD VANILLA THDCOM COPY SM2251 01-SPALI
0000C4 0A0D                       289+SPAIISVC DC    X'0A',AL1(013)      INTEGRITY SVC                   SM2116 01-SPALI
                                  290+*                    SINGLE BYTE FIELDS
0000C6 F0                         291+SPAHOLD  DC    C'0' .              *HOLD INDICATOR FOR DYNAMIC STORAGE   01-SPALI
                                  292+*                                   AVAILIBILITY
0000C7 00                         293+SPATVIN  DC    B'0' .              *TRAFFIC VOLUME INDICATOR - UNUSED    01-SPALI
0000C8 00                         294+SPADATBS DC    X'0' .               INDICATES WHICH DATA BASE IS UP      01-SPALI
                        000C4     295+SPADLIUP EQU   C'D' .               DLI IS RUNNING                       01-SPALI
                        000E3     296+SPATOTUP EQU   C'T' .               TOTAL IS RUNNING                     01-SPALI
0000C9 0000                       297+         DC    2X'00' .                  UNUSED                R11-CH 01-SPALI
0000CB 0000000000                 298+SPADATEC DC    5X'00'     *4-DIGIT YEAR PACKED DATE OMMDDYYYYS   R11-CH 01-SPALI
0000D0 00000000                   299+SPADATE  DC    F'0' .              *DATE IN PACKED FORMAT  OMMDDYYS      01-SPALI
0000D4 00000000                   300+SPANQCHN DC    F'0' .              *START OF ENQUEUE CHAIN               01-SPALI
0000D8 00004650                   301+SPANQTIM DC    A(300*60)     .     *ENQUEUE TIMEOUT VALUE                01-SPALI
0000DC 0005                       302+SPARMST  DC    H'5'          .     *RESOURCE STATISTICS TIME INTVL   DMK 01-SPALI
0000DE 0000                       303+SPAINVMG DC    H'0' .            *NUMBER OF MSG REJECTED -INVALID PARAM  01-SPALI
0000E0 C1                         304+         DC    C'A' .               SUBSYSTEM CODES                      01-SPALI
0000E1 C2                         305+SPAIDSW  DC    C'B' .               SWITCH SUBSYS CODE            SM1385 01-SPALI
0000E2 C3                         306+SPAIDCTL DC    C'C' .              *SYSTEM DISPLAY/DEBUG (SYSCNTL)    CH 01-SPALI
0000E3 C4                         307+         DC    C'D' .                                                   01-SPALI
0000E4 C5                         308+SPAIDESS DC    C'E' .              *ESS DUMMY SUBSYSTEM CODE          CH 01-SPALI
0000E5 C6                         309+SPADSSUP DC    C'F' .              *DYNAMIC SYCTTBL UPDATE SUBSYSTEM  JS 01-SPALI
0000E6 00                         310+SPASFLAG DC    X'0' .              *FLAG FOR SPINOFF SNAPS       PTF091 01-SPALI
                        00080     311+SPASYSOT EQU   X'80' .              *INDICATES SNAP TO SYSOUT DD  PTF091 01-SPALI
                        00040     312+SPASNFUL EQU   X'40' .               SPINOFF DATA SET NOT EMPTY   SM1449 01-SPALI
                        00004     313+SPASFREE EQU   X'04' .               FREE=CLOSE CODED FOR MVS SPOOL DEVICE 01-SPALI
0000E7 C8                         314+SPAIDCHN DC    C'H' .              *CHANGE AND DISPLAY                   01-SPALI
0000E8 C9                         315+         DC    C'I' .                                                   01-SPALI
0000E9 D1                         316+SPAIDCLS DC    C'J' .              *CLOSEDOWN                           01-SPALI
0000EA D2                         317+SPAIDMRS DC    C'K' .              *MRCONSS- MULTIREGION COMM COMMAND CH 01-SPALI
0000EB D3                         318+         DC    C'L' .                                                   01-SPALI
0000EC D4                         319+SPAIDMON DC    C'M' .              *INTERCOMM MONITOR                   01-SPALI
0000ED D5                         320+SPAIDCNT DC    C'N' .              *CONTROL CONSOLE MESSAGES-PMIOUTPT CH 01-SPALI
0000EE D6                         321+         DC    C'O' .                                          SM0451 01-SPALI
0000EF D8                         322+SPAIDCKP DC    C'Q' .              *CHECKPOINT                          01-SPALI
0000F0 D9                         323+SPAIDRPT DC    C'R' .              *FILE HANDLER STATISTICS REPORT       01-SPALI
0000F1 E2                         324+SPAIDSGN DC    C'S' .              *SIGN-ON/OFF SUB-SYSTEM.      SM1385 01-SPALI
0000F2 E3                         325+SPAIDTUN DC    C'T' .              *FINE TUNER SS CODE                   01-SPALI
0000F3 E4                         326+SPAIDOUT DC    C'U' .              *OUTPUT - FULL MESSAGES               01-SPALI
0000F4 E5                         327+SPAIDSGM DC    C'V' .              *OUTPUT - SEGMENTED MESSAGES          01-SPALI
0000F5 E6                         328+SPAIDSBK DC    C'W' .              *SENDBACK SUBSYSTEM                CH 01-SPALI
0000F6 E7                         329+         DC    C'X' .                                                   01-SPALI
0000F7 E8                         330+SPAIDEDT DC    C'Y' .              *EDITING SUBROUTINE                  01-SPALI
0000F8 E9                         331+SPAIDFES DC    C'Z' .  MROTPUT'S S/S CODE: INSERTED BY FESEND IN SM0451 01-SPALI
0000F9 5B                         332+         DC    C'$' .                                                   01-SPALI
0000FA 0000                       333+SPACIOE  DC    H'0' .        *NUM OF MSGS CANCELLED -I/O ERRORS         01-SPALI
0000FC 0000                       334+SPACISC  DC    H'0' .        *NUM OF MSGS CANCELLED -INVALID SYS CODE   01-SPALI
```

```
  LOC  OBJECT CODE     ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM H V 02 15.46 09/01/98

0000FE 0000                        335+SPACNQS  DC    H'0' .        *NUM OF MSGS CANCELLED -NO QUEUE SPACE     01-SPALI
000100 0000                        336+SPABROAD DC    H'0' .             NUMBER OF BROADCASTS IN PROGRESS      01-SPALI
000102 0000                        337+SPATHDCL DC    H'0' .           VS COBOL 2 - LENGTH THDCOM COPY  SM2251 01-SPALI
000104 00000000                    338+SPAFSOG1 DC    V(SCXFSOG1) . *PTR TO SCT INDEX FOR FIRST OVERLAY     LK 01-SPALI
000108 00000000                    339+SPATXIN  DC    V(TERMXIN) .  *ROUT TO CONVERT EXTERN TERM TO INTERN NUM 01-SPALI
00010C 00000000                    340+SPATINX  DC    V(TERMINX) . *RTN TO CONVERT INTERN NUM TO EXTRN TERM ID 01-SPALI
000110 00                          341+SPAMODE  DC    B'0' .             *MODE OF PROCESSING                 01-SPALI
000111 4040404040                  342+SPATRID  DC    CL5' ' .           *DEST TERM ID- QTAM DEST Q TRMAD    01-SPALI
000116 6B                          343+SPASPCHR DC    X'6B' .            *FIELD SEPARATOR CHARACTER          01-SPALI
000117 CE                          344+SPABITS1 DC    B'11001110'                                            01-SPALI
                          00080    345+SPADVNOP EQU   X'80' .       *DO NOT USE OUTPUT TO ASSGN TPU USE TID   01-SPALI
                          00040    346+SPANOCPY EQU   X'40' .            *OUTPUT SHOULD NOT CK COMP #        01-SPALI
                          00020    347+SPAMVT   EQU   X'20' .            *INSTALLATION IS MVT (MVS)          01-SPALI
                          00010    348+SPAOKCB2 EQU   X'10' .            *VS COBOL 2 SUPPORT IN SYSTEM SM2251 01-SPALI
                          00008    349+SPANCB2S EQU   X'08' .            *NO VS COBOL 2 SNAPS DESIRED  SM2251 01-SPALI
                          00004    350+SPAECBWT EQU   X'04' .            *WAIT ON ECB NOT TIMER (GENESIS)    01-SPALI
                          00002    351+SPAASYN  EQU   X'02' .            *ASYNCHRONOUS OVERLAY LOADER USED CH 01-SPALI
                          00001    352+SPATOTRG EQU   X'01' .            *TOTAL OPERATING IN SEPARATE REGION  01-SPALI
000118 00                          353+SPAREEL# DC    X'00' .            *REEL# TO USE FOR RESTART           01-SPALI
000119 000000                      354+SPAMGEND DC    XL3'00' .          *LAST SEQUENCE PROCESSED (RESTART)  01-SPALI
00011C 00000000                    355+SPATSTR  DC    V(TRACKSTR) .      *START THREAD-ACCOUNTING            01-SPALI
000120 00000000                    356+SPARPTAB DC    V(PMIRPTAB) .      *REPORT TABLE FOR CO/REPORT/TERM    01-SPALI
000124 D700 D00C D00C 0000C 0000C  357+SPALNKXC XC    12(1,13),12(13) .  *USED BY LINKAGE TO ZERO OUT SAV AREA 01-SPALI
00012A 0046                        358+SPAWRNHI DC    H'70'       .      *THREAD HIGH WARNING VALUE    XM0885 01-SPALI
00012C 00000000                    359+SPATIMTB DC    V(PMITIMTB) .      *POINTER TO THE TIME TABLE      LK 01-SPALI
000130 00                          360+         DC    X'00' .                  UNUSED   (WAS SPALOGSW)   CH 01-SPALI
000131 00                          361+SPABITS2 DC    B'00000000'                                            01-SPALI
                          00080    362+SPASECNF EQU   X'80' .            *SIGN-ON/OFF FUNCTIONING.           01-SPALI
                          00040    363+SPASECVB EQU   X'40' .         *INPUT TRANSACTION SECURITY FUNCTIONING 01-SPALI
                          00020    364+SPASECSC EQU   X'20' .            *USER SECURITY NOT FUNCTIONING      01-SPALI
                          00010    365+SPALINDO EQU   X'10' .             DISCARD ANY OUTPUT FROM LOGINPUT. SK 01-SPALI
                          00008    366+SPABLDVR EQU   X'08' .             VSAM LCL SHR RESOURCES ACTIVE    JP 01-SPALI
000132 64                          367+SPABITS3 DC    B'01100100'                                            01-SPALI
                          00080    368+SPATSTDP EQU   X'80' .            *END TEST MODE WITH 999 DUMP      SK 01-SPALI
                          00040    369+SPATSTNR EQU   X'40' .            *END TEST MODE WITH NRCD          SK 01-SPALI
                          00020    370+SPASCELL EQU   X'20' .            *SAVECELL PROCESSING DESIRED(SUBLINK) 01-SPALI
                          00010    371+SPACLDTO EQU   X'10' .             CLOSEDOWN TIME LIMIT REACHED     SK 01-SPALI
                          00008    372+SPACLDMP EQU   X'08' .             ABEND IF CLOSEDOWN TIMEOUT OCCURS SK 01-SPALI
                          00004    373+SPATCORE EQU   X'04' .             CORE SUBORDINATE TO CPU-TIME      RB 01-SPALI
000133 00                          374+         DC    X'00' .                  UNUSED                    CH 01-SPALI
000134 00000000                    375+SPAILU6  DC    V(INITLU6) .       *SUBSYS LU 6.2 CONVERSATION  SM2247 01-SPALI
000138 0007                        376+SPANTIMS DC    H'7'        .      *NO OF TIMES TO WAIT FOR CORE/DVASN  01-SPALI
00013A 0000                        377+         DC    H'0' .                   UNUSED                    CH 01-SPALI
00013C 00000000                    378+SPACKECB DC    F'0' .                 POSTED BY CHCKPTSS AFTER CHKPTSM0683 01-SPALI
000140 00008CA0                    379+SPATCHP  DC    A(300*120)    .    *CHECKPOINT INTERVAL                01-SPALI
000144 000A                        380+SPAMMNCL DC    H'10'       .      *MAX SCTMNCL                        01-SPALI
000146 0000                        381+         DC    H'0' .                   UNUSED                    CH 01-SPALI
000148 00000000                    382+SPACRNCH DC    V(CRUNCH) *POINTER TO ROUTINE TO ELIMINATE SLACK CHARACT 01-SPALI
00014C 00000000                    383+SPARBN2  DC    F'0' .           *FIRST RBN OF PART 2 OF CHECKPOINT FILE 01-SPALI
000150 C3D5E3F0F1                  384+SPACCNID DC    CL5'CNT01'  .      *TERM ID OF CONTROL CONSOLE         01-SPALI
000155 000000                      385+         DC    XL3'00' .                UNUSED                    CH 01-SPALI
000158 00000000                    386+SPARSTB  DC    F'0' .                 CONVERSE TABLE HEAD               RB 01-SPALI
00015C 0000012C                    387+SPACNTDT DC    A(300*1)       .  *TIME TO DISPATCH TO LOOK FOR WORK- RES 01-SPALI
000160 000000F0                    388+SPAMDELY DC    F'240'     .     *MAX DELY IN MINS - PHYS MAX=466 MINUTES 01-SPALI
000164 00000000                    389+SPACKTME DC    F'0' -             *CHECKPOINT TIME RESTORED TO        01-SPALI
```

```
  LOC  OBJECT CODE     ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                    00040   390+SPACKON  EQU   X'40' -            *CHECKPOINT TAKING PLACE                O1-SPALI
000168 00000000                             391+SPADBECB DC    F'0' -             *ECB FOR CHECKPOINT QUIESCE ROUTINE     O1-SPALI
00016C 00000000                             392+SPATHRED DC    V(IJKTHRED) -      *CURRENT THREAD NUMBER POINTER      CH O1-SPALI
000170 00                                   393+         DC    X'00' .                   UNUSED                           CH O1-SPALI
000171 D7                                   394+SPAIDPGE DC    C'P' .             *CRT PAGE BROWSING FACILITY         CH O1-SPALI
000172 0000                                 395+         DC    XL2'00' .                 UNUSED                           CH O1-SPALI
000174 00000000                             396+SPANMOW  DC    F'0' .             *NUMBER OF MESSAGES FOR OVERLAY PROC  O1-SPALI
000178 7C                                   397+SPAGENSW DC    X'7C'      .       *                                       O1-SPALI
                                    00080   398+SPAGENON EQU   X'80' .            *SPAGENSW IS ON = GENESIS DISPATCHED   O1-SPALI
                                    00040   399+SPACKP1  EQU   X'40' .            *SPAGENSW CHECKPOINT AREA 1 UNUSABLE   O1-SPALI
                                    00020   400+SPACKP2  EQU   X'20' .            *SPAGENSW CHECKPOINT AREA 2 UNUSABLE   O1-SPALI
                                    00010   401+SPACKP3  EQU   X'10' .            *SPAGENSW CHECKPOINT AREA 3 UNUSABLE   O1-SPALI
                                    00008   402+SPACKP4  EQU   X'08' .            *SPAGENSW CHECKPOINT AREA 4 UNUSABLE   O1-SPALI
                                    00004   403+SPACKP5  EQU   X'04' .            *SPAGENSW CHECKPOINT AREA 5 UNUSABLE   O1-SPALI
                                    00001   404+SPAGENBB EQU   X'01' .             SPAGENSW    -  UNUSED                    O1-SPALI
                                            405+*                                  GPSS SECURITY FLAG BYTE             SK
000179 00                                   406+SPAGPSEC DC    B'00000000'                                      .  SK O1-SPALI
                                    00080   407+SPAEVLOG EQU   X'80' .             ONLY CONTROL TERM CAN FEOV LOG      SY O1-SPALI
00017A 0000                                 408+SPADESBL DC    H'0' .            *FILE DES. FILE BLOCKSIZE-UNUSED     CH O1-SPALI
00017C 0000                                 409+SPARCTBL DC    H'0' .            *RCT DISK FILE BLOCKSIZE - UNUSED    CH O1-SPALI
00017E 0000                                 410+SPAVRBBL DC    H'0' .            *VRB DISK FILE BLOCKSIZE - UNUSED    CH O1-SPALI
000180 00000000                             411+SPAMRBN  DC    F'0' .            *USED BY CONVERSE                    CH O1-SPALI
000184 80000000                             412+SPANRBN  DC    X'80',3X'0' .     *USED BY CONVERSE                    CH O1-SPALI
000188 00000000                             413+SPAREPTP DC    V(REPTAPE) .      *TABLE OF REPORTS THAT GO TO TAPE       O1-SPALI
00018C 0000                                 414+SPABTMN  DC    H'0' .               ** USED BY CONVERSE **            RB O1-SPALI
00018E 0000                                 415+         DC    H'0' .               UNUSED                            CH O1-SPALI
000190 00000000                             416+SPAWHOIT DC    V(IJKWHOIT)        *CSECT, ETC. NAME LOOKUP RTN   SM1544 O1-SPALI
000194 10                                   417+SPATPMOD DC    B'00010000'                                          MM O1-SPALI
                                            418+*                                  BITS IN SPATPMOD FIELD              MM
                                    00010   419+SPABFMOD EQU   X'10' *             BTAM/VTAM/EXT. TCAM FRONT END       CH O1-SPALI
000195 00                                   420+SPACOPSW DC    B'0' .            *REGION NUMBER OF MULTI-REGION MVT       O1-SPALI
                                    00000   421+SPA1COPY EQU   X'00' .            *NO MULTIPLE REGIONS                     O1-SPALI
000196 01F4                                 422+SPALEN   DC    AL2(SPAEND-SPALST) .   LENGTH OF SPA+USERSPA          OOMD O1-SPALI
000198 00000000                             423+SPAILU61 DC    V(INITLU61) .     *SYCT400 LU 6.2 CONV RETURN     SM2247 O1-SPALI
00019C 00000000                             424+SPAFREE  DC    V(STORFRED) .     *ADDR OF STORFREE ROUTINE                O1-SPALI
0001A0 000004B0                             425+SPADTIMS DC    A(300*4)       .  *TIME TO WAIT FOR DVASN                  O1-SPALI
0001A4 00000000                             426+SPACESDI DC    F'0' .            *ADDR OF INTERCOMM CESD TABLE        PG O1-SPALI
0001A8 00000000                             427+SPACESDL DC    F'0' .            *ADDR OF LPSPA CESD TABLE            PG O1-SPALI
0001AC 00000000                             428+SPACONVR DC    V(CONVERSE) .     *CONVERSATIONAL ENVIRONMENT SAVING RB O1-SPALI
0001B0 00000000                             429+SPACONV1 DC    V(CONVERS1) .     *CONVERSE RETURN FROM SYCT400        RB O1-SPALI
0001B4 00000000                             430+SPASORT  DC    V(INTSORT)        *IN-CORE TABLE SORT SUBROUTINE-R10-CH O1-SPALI
0001B8 00000000                             431+SPACRQ   DC    V(INTCRQ) .       *BACKOUT-ON-THE-FLY - CREATE DDQ     SK O1-SPALI
0001BC FFFFFFFC                             432+SPAFMASK DC    X'FFFFFFFC'                                            XO1-SPALI
                                              +                          .    *MASK FOR - N - INSTRUCTION FOR OVLY A
0001C0 00000000                             433+SPAKOVLY DC    V(OVLYMSK) .        *OVERLAY NUMB  IN DISPATCHER        LK O1-SPALI
0001C4 00000000                             434+SPALOGP  DC    V(LOGPUT) .         *LOGGING ROUTINE                    RB O1-SPALI
0001C8 00000000                             435+SPAVBNDX DC    V(BTVRBNDX) .       *POINTER TO BINSRCH VERB INDEX   61MD O1-SPALI
0001CC 00000000                             436+SPAVRBTB DC    V(BTVRBTB) .        *POINTER TO FRONTEND VERB TABLE  61MD O1-SPALI
0001D0 00000000                             437+SPAUSCNC DC    V(USRCANC) .        *POINTER TO USER CANCEL ROUTINE       O1-SPALI
0001D4 00000000                             438+SPASORTC DC    V(INTSORTC)         *IN-CORE TABLE SORT RTN (COBOL,PL1)   O1-SPALI
0001D8 00000000                             439+SPASECUR DC    V(SECUREOO) .       *SECURITY ROUTINE                   RB O1-SPALI
0001DC 00000000                             440+SPAPREPG DC    V(PREPROG) .        *PRE-COBOL INTERFACE                  O1-SPALI
0001E0 00000000                             441+SPAEXTAD DC    V(SPAEXT) .         *ADDR OF SPA EXTENSION TABLE          O1-SPALI
0001E4 00000000                             442+SPABRRTN DC    V(BROADRTN) .       *MESSAGE BROADCASTING ROUTINE         O1-SPALI
0001E8 00000000                             443+SPATRAK  DC    V(SAMTRAK) .         SYSTEM ACCOUNTING AND MEASUREMENT RB O1-SPALI
```

```
  LOC  OBJECT CODE     ADDR1 ADDR2  STMT   SOURCE STATEMENT                                  ASM H V 02 15.46 09/01/98

0001EC 0000                        444+SPACKBLK DC    H'0' .            *BLOCKSIZE FOR THE CHECKPOINT FILE    01-SPALI
0001EE 0000                        445+SPACKUSL DC    AL2(0)  .         *LENGTH OF USER AREA TO CHECKPOINT    01-SPALI
0001F0 00000000                    446+SPACKUSR DC    A(0)  .           *ADDR OF USER AREA TO CHECKPOINT      01-SPALI


                              001F4  448+SPAUSER  EQU   *       U S E R  F I E L D S   S T A R T  H E R E       01-SPALI
0001F4                             449+SPAEND   DS    0H                * END OF THE SPA/USERSPA          00MD 01-SPALI
000000                             450+SPAEXT   DSECT                                                         01-SPALI
000000 E2C5E700                    451+SEXIDENT DC    C'SEX',X'0' .      IDENTIFIER FOR DUMP ANALYSIS  SM0491 01-SPALI
000004 0A0D                        452+SEXSVC   DC    X'0A',AL1(013)     . SVC USED FOR DL1 INTERFACE          01-SPALI
000006 8E                          453+SEXBITA  DC    B'10001110'                                        SK   01-SPALI
                              00080  454+SEXDMP   EQU   X'80' .            INDICATIVE DUMP OPTION            SK   01-SPALI
                              00008  455+SEXID114 EQU   X'08'              INDICATIVE DUMP 114 OPTION        DR   01-SPALI
                              00004  456+SEXID118 EQU   X'04'              INDICATIVE DUMP 118 OPTION        DR   01-SPALI
                              00002  457+SEXID126 EQU   X'02'              INDICATIVE DUMP 126 OPTION        DR   01-SPALI
000007 04                          458+SEXDMLN  DC    AL1(4) .           S.S LENGTH IN IND. DUMP  (K)      DMK  01-SPALI
000008 00000000                    459+SEXTOECB DC    F'0' .             ECB FOR TOTAL                          01-SPALI
00000C 00000000                    460+SEXT2ECB DC    F'0' .             ECB FOR TOTAL                          01-SPALI
000010 00000000                    461+SEXMRRDT DC    A(0) *             MULTI-REGION DESCRIPTOR TABLE      MM  01-SPALI
000014 00000000                    462+SEXMRECB DC    F'0' *             MULTI-REGION RETRY ECB             MM  01-SPALI
000018 00000000                    463+SEXKWAIT DC    V(IJKWAIT) .       DISPATCH ON ECB                        01-SPALI
00001C 00000000                    464+SEXKWAIX DC    V(IJKWAITX) .      DISPATCH ON ECB AND EXIT               01-SPALI
000020 00000000                    465+SEXKDSP  DC    V(IJKDSP) .        DISPATCH EXECUTE                       01-SPALI
000024 00000000                    466+SEXKDSPX DC    V(IJKDSPX) .       DISPATCH EXECUTE AND EXIT              01-SPALI
000028 00000001                    467+SEXLOMMN DC    F'1'       .       CURRENT COMP MSG COUNT             DR  01-SPALI
00002C 00000000                    468+SEXBMN#  DC    F'0'       .       BMN# IF SATELLITE REG              DR  01-SPALI
000030 00000000                    469+SEXTRARH DC    V(PMIOVLAY) .      TRANSIENT AREA HANDLER                 01-SPALI
000034 00000000                    470+SEXRTRV  DC    V(PMIRETRV) .      MESSAGE RETRIEVER                      01-SPALI
000038 00000000                    471+SEXRTRQ  DC    V(RETRVEQ) .       RETRIEVER - FRONT END ENTRY            01-SPALI
00003C 00000000                    472+SEXPASBE DC    V(VTPASSBE) .      ROUTINE TO INVOKE 6.2 CONV    SM2247 01-SPALI
000040 00000000                    473+SEXMRMCT DC    A(0) *             MULTI-REGION COMM. CHANNELS (MCT) MM 01-SPALI
000044 00000000                    474+SEXMRQON DC    V(MRQMON) *        MULTI-REGION QUEUEING RTNE.        MM  01-SPALI
000048 00000000                    475+SEXGET   DC    V(GET) .           FILE HANDLER GET ENTRY                 01-SPALI
00004C 00000000                    476+SEXPUT   DC    V(PUT) .           FILE HANDLER PUT ENTRY                 01-SPALI
000050 00000000                    477+SEXLOCAT DC    V(LOCATE) .        FILE HANDLER LOCATE ENTRY              01-SPALI
000054 00000000                    478+SEXRELEX DC    V(RELEX) .         FILE HANDLER RELEX ENTRY               01-SPALI
000058 00000000                    479+SEXFEOV  DC    V(FEOV) .          FILE HANDLER FEOV ENTRY                01-SPALI
00005C 00000000                    480+SEXFIXED DC    V(FIXEDIT) .       FIXED FORMAT EDITOR (PMIFIXED)         01-SPALI
000060 00000000                    481+SEXGETV  DC    V(GETV) .          VSAM GET ENTRY POINT               SK  01-SPALI
000064 00000000                    482+SEXPUTV  DC    V(PUTV) .          VSAM PUT/ERASE ENTRY POINT         SK  01-SPALI
000068 00000000                    483+SEXTIMER DC    F'0' .             FOR STIMER/CTIMER PROCESSING       SK  01-SPALI
00006C 00000000                    484+SEXSNAP  DC    V(PMISNAP) .       SNAP DCB                           LK  01-SPALI
000070 00000000                    485+SEXMCQ   DC    V(MSGCOLQ) .     MESSAGE COLLECTION - FRONT END ENTRY CH 01-SPALI
000074 00000000                    486+SEXCELLP DC    F'0' .             SAVECELL FOR PAGE FACILITY    SM2260 01-SPALI
                                   487+*    EXTERNAL SYMBOLS FOR EDITOR
000078 00000000                    488+SEXSRFT2 DC    V(PMISRFT2) .      ROUTINE TO FIND FILE TABLE             01-SPALI
00007C 00000000                    489+SEXPADTB DC    V(PADDTBLE) .      TABLE OF FIELD PAD CHARACTERS      LK  01-SPALI
000080 00000000                    490+SEXFIND2 DC    V(PMIFIND2) .      ENTRY IN PMISERC3                      01-SPALI
000084 00000000                    491+SEXEDIT  DC    V(EDITRTNS) .      TABLE OF EDIT SUBROUTINE VCONS.    SK  01-SPALI
000088 0000000000000000            492+SEXSAVEX DC    18F'0' .           NON-REENTRANT SAVE AREA.               01-SPALI
0000D0 00000000                    493+SEXCTIMR DC    V(CTIMER) .        ENTRY TO SUSPEND TIMER             SK  01-SPALI
0000D4 00000000                    494+SEXSTIMR DC    V(STIMER) .        ENTRY TO RESUME TIMING             SK  01-SPALI
0000D8 00000000                    495+SEXISNAP DC    V(ICOMSNAP) .      INTERCOMM SNAP ROUTINE (PMISNAP1)  SK  01-SPALI
                                   496+*          OPERATING SYSTEM AND HARDWARE VALUES                       SK
0000DC 00000000                    497+SEXTCB   DC    F'0' .             INTERCOMM'S TCB ADDRESS            SK  01-SPALI
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

0000E0 00000000                   498+SEXPRB   DC    F'0' .            INTERCOMM'S RB ADDRESS              SK 01-SPALI
0000E4 00000000                   499+         DC    F'0' .            RESERVED   (WAS SEXLPBEG)     SM2077 01-SPALI
0000E8 00000000                   500+         DC    F'0' .            RESERVED   (WAS SEXLPEND)     SM2077 01-SPALI
0000EC 40404040                   501+SEXVERSN DC    CL4' ' .          VERSION OF OS OR VS IN USE.         SK 01-SPALI
0000F0 0000                       502+SEXMODEL DC    H'0' .            CPU MODEL IN USE                    SK 01-SPALI
0000F2 00                         503+SEXPKEY  DC    B'0' .            INTERCOMM'S PROTECT KEY, BITS 0-3   SK 01-SPALI
0000F3 00                         504+SEXBITS1 DC    X'0' .            FLAG BYTE                           SK 01-SPALI
                         00080    505+SEX370   EQU   X'80' .            1= S/370, 0= S/360                  SK 01-SPALI
                         00040    506+SEXVS    EQU   X'40' .            1= VS1 OR VS2, 0= MFT OR MVT        SK 01-SPALI
                         00020    507+SEXMVT   EQU   X'20' .            1= MVT OR VS2, 0= MFT OR VS1        SK 01-SPALI
                         00010    508+SEXFSNAP EQU   X'10' .            FAST SNAP IS ACTIVE                 SK 01-SPALI
                         00008    509+SEXMVS   EQU   X'08' .            MVS (VS2 RELEASE 2 OR MORE)         SK 01-SPALI
                         00004    510+SEXSVS   EQU   X'04' .            SVS (VS2 REL < 2)                SM0451 01-SPALI
                         00002    511+SEXMVSXA EQU   X'02'              MVS - XA MODE EXECUTION          SM1541 01-SPALI
                         00001    512+SEXESA   EQU   X'01'              MVS - ESA MODE EXECUTION         SM2020 01-SPALI
0000F4 00000000                   513+SEXXAMAX DC    F'0' .      MAX 31-AMODE CORE USED BY LOADED PGMS  SM2287 01-SPALI
0000F8 00000000                   514+SEXALTRP DC    V(PMIALTRP) .     ALTERNATE REPORTS TABLE             CH 01-SPALI
0000FC 00000000                   515+SEXKREFB DC    V(IJKREFB) .      START OF DISPATCHER WQES            LK 01-SPALI
000100 00000000                   516+SEXKREFC DC    V(IJKREFC) .      END OF DISPATCHER WQES              CH 01-SPALI
000104 00000000                   517+SEXUSREX DC    V(USRSEREX) EXIT RTN, FRT END MSG RECV DUR SER RESTRT JP 01-SPALI
000108 00000000                   518+SEXENQ   DC    V(ENQUEUE) .      ENQ ENTRY IN PMINQDEQ                01-SPALI
00010C 00000000                   519+SEXDEQ   DC    V(DEQUEUE) .      DEQ ENTRY IN PMINQDEQ                01-SPALI
000110 00000000                   520+SEXUSROT DC    V(USROTEDT) .     USER EXIT- CHANGE OUTPUT MSGS       CH 01-SPALI
000114 00000000                   521+SEXBRDCS DC    V(BROADCST) .     BROADCAST TERMINAL TABLE            LK 01-SPALI
000118 00000000                   522+SEXRET35 DC    V(RET35) .        ENTRY IN PMIDVASN                   RB 01-SPALI
00011C 00000000                   523+SEXOTPUT DC    V(PMIOTPUT) .     OUTPUT UTILITY ENTRY IN FESEND      CH 01-SPALI
000120 00000000                   524+SEXDQRBN DC    V(DDQRBNFD) *     DDQ ENTRY PT. FOR BDAM REC. LOC.    MM 01-SPALI
000124 00000000                   525+SEXBINSH DC    V(BINSRCH)        BINARY SEARCH - HALFWORD INDEX   O3MD 01-SPALI
                                  526+*  EXTERNAL SYMBOLS FOR CHANGE/DISPLAY
000128 00000000                   527+SEXKEYTA DC    V(KEYTABLE) .     KEY CONVERSION ROUTINES             LK 01-SPALI
00012C 00000000                   528+SEXCHNGT DC    V(CHNGTB) .       FIXED FORMAT IDENTIFIERS            LK 01-SPALI
000130 00000000                   529+SEXCHNGE DC    V(CHNGEXIT) .     CHANGE - USER EXIT ADDRESS             01-SPALI
000134 00000000                   530+SEXFORMA DC    V(FORMAT) .       EDIT C/D DATA FIELDS                   01-SPALI
000138 00000000                   531+SEXPTRNT DC    V(PTRNTBLE) .     OUTPUT - FIELD EDIT PATTERNS        LK 01-SPALI
00013C 00000000                   532+SEXDLTD2 DC    V(PMIDLTD2) .     ENTRY IN PMISERC3 (DISPLAY)            01-SPALI
000140 00000000                   533+SEXLGRSB DC    F'0' .            BACK END RESTARTED MSG COUNT     SM0551 01-SPALI
000144 0000                       534+SEXCNCIN DC    H'0'      .       WAIT INTVL FOR CANCEL CHECKING      SB 01-SPALI
000146 0000                       535+SEXCNCLM DC    H'0'      .       CANCEL LIMIT FOR CANCEL CHECKING    SB 01-SPALI
000148 00000000                   536+SEXDSCT  DC    V(IXFDSCTA) .    USER REGION - DATA SET CONTROL TABLE   01-SPALI
00014C 00000000                   537+SEXMONOO DC    V(IXFMONOO) .           - FH STARTUP MODULE            01-SPALI
000150 00000000                   538+SEXDELAY DC    V(IJKDELAY) .     DISPATCHER - TIMED DELAY ROUTINE       01-SPALI
000154 00000000                   539+SEXKREFA DC    V(IJKREFA) .      A(DISPATCHER'S WQT'S)-FOR DEBUGGING    01-SPALI
000158 00000000                   540+SEXPRINT DC    V(IJKPRINT)       DISPATCHER SYSOUT PRINT ROUTINE        01-SPALI
00015C 00000000                   541+SEXDYNLD DC    V(DYNLLOAD)       DYN. SUBRTN LOAD ROUTINE         SM1865 01-SPALI
000160 00000000                   542+SEXSECUS DC    V(SECUSER)        ESS USER EXIT                    SM1865 01-SPALI
000164 00000000                   543+SEXDWSSP DC    V(DWSSNAP)   DWS(COBOL)/ISA(PL/1) DISPLAY OR SNAP SM2131 01-SPALI
000168 00000000                   544+SEXICESD DC    A(0)              ADDR OF INCORE DYNLINK TABLE     SM2140 01-SPALI
00016C 00000000                   545+SEXTFCBP DC    A(0)              ADDR 31-AMODE TFCB AREA          SM2257 01-SPALI
000170 00001000                   546+SEXTFCBI DC    A(4*1024)         INITIAL TABLE TFCB AREA SIZE     SM2257 01-SPALI
000174 00001000                   547+SEXTFCBA DC    A(4*1024)         TABLE TFCB AREA INCREMENT        SM2257 01-SPALI
000178 00001000                   548+SEXTABI  DC    A(4*1024)         INITIAL TABLE ENTRY AREA SIZE    SM2257 01-SPALI
00017C 00001000                   549+SEXTABA  DC    A(4*1024)         TABLE ENTRY AREA INCREMENT       SM2257 01-SPALI
000180 00000000                   550+SEXTABSN DC    A(0)              TABLE SNAP-ID 64-BYTE AREA       SM2257 01-SPALI
000184 0000                       551+SEXTABSP DC    Y(0)              TABLE AREAS MVS SUBPOOL #        SM2257 01-SPALI
000186 0000                       552+SEXPFCBO DC    Y(0)         OFFSET/64 TO PAGE FACILITY TFCB       SM2257 01-SPALI
```

```
  LOC  OBJECT CODE     ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

000188 0400                        553+SEXPFMS  DC    Y(1024)            PAGE FACILITY MAX PAGE SIZE   SM2257 01-SPALI
00018A 0001                        554+SEXPFMR  DC    Y(1)               PAGE FACILITY MAX RESP/TERM.  SM2257 01-SPALI
00018C 00000001                    555+SEXPFMP  DC    A(1)               PAGE FACILITY MAX PAGE/TERM.  SM2257 01-SPALI
000190 00000000                    556+SEXTFBLD DC    V(TABUILD)         TABLE FACILITY TABUILD ENTRY  SM2257 01-SPALI
000194 00000000                    557+SEXTFOPN DC    V(TABOPEN)         TABLE FACILITY TABOPEN ENTRY  SM2257 01-SPALI
000198 00000000                    558+SEXTFPUT DC    V(TABPUT)          TABLE FACILITY TABPUT  ENTRY  SM2257 01-SPALI
00019C 00000000                    559+SEXTFGET DC    V(TABGET)          TABLE FACILITY TABGET  ENTRY  SM2257 01-SPALI
0001A0 00000000                    560+SEXTFSRT DC    V(TABSORT)         TABLE FACILITY TABSORT ENTRY  SM2257 01-SPALI
0001A4 00000000                    561+SEXTFEND DC    V(TABEND)          TABLE FACILITY TABEND  ENTRY  SM2257 01-SPALI
0001A8 00000000                    562+SEXPFMSZ DC    F'0'               MAXIMUM PAGE SIZE ENCOUNTERED SM2260 01-SPALI
0001AC 00000000                    563+SEXUSRPG DC    V(USRPAGEX)        ADDRESS OF PAGE USER EXIT RTN SM2260 01-SPALI
0001B0 4040404040404040            564+SEXMRID  DC    CL8' ' *           MULTI-REGION REGION IDENTIFIER    MM 01-SPALI
0001B8 00000000                    565+SEXKOVLY DC    V(IJKOVLY) .       CURRENT OVERLAY NUMBER               01-SPALI
                           001BC   566+SEXATCHL EQU   * .                * REGIONAL ATTACH TABLE - UNUSED     01-SPALI
0001BC 0000                        567+SEXSBTSW DC    H'0' .             SUBTASKING SWITCH  -  UNUSED         01-SPALI
0001BE 0000                        568+SEXNTSKS DC    H'0' .             NUMBER OF TASKS  -  UNUSED           01-SPALI
0001C0 00000000                    569+SEXDYSTR DC    F'0' .             ADDRESS OF DYNAMIC STORAGE-UNUSED    01-SPALI
0001C4 00000000                    570+SEXP31CA DC    A(0) .             31-AMODE POOLS COREACCT ADDR  XM0871 01-SPALI
0001C8 00000000                    571+SEXVMI56 DC    V(PMIVMI56) .      3270 VMI 56 OUTPUT PROCESSOR      RB 01-SPALI
0001CC 00000000                    572+SEXE3270 DC    V(EDIT3270) .      3270 - PRE-EDITING FACILITY       RB 01-SPALI
0001D0 00000000                    573+SEXVSIND DC    V(SCTINDX) .       ADDRESS OF SORTED SCT INDEX       SY 01-SPALI
0001D4 00000000                    574+SEXSCTS  DC    V(SCT$STRT) .      STARTING ADDRESS OF ALL SCTS      RB 01-SPALI
                           00080   575+SEXSTAC  EQU   X'80' *             FLAG TO DO CORE ACCOUNTING.          01-SPALI
                           00040   576+SEXSTUP  EQU   X'40' *             FLAG TO START AVERAGING              01-SPALI
                           00020   577+SEXP31OK EQU   X'20' *             31-AMODE POOLS LOADED OK      XM0871 01-SPALI
                           00008   578+SEXNORCB EQU   X'08' *             ABENDED DUE TO NO RCBS        XM0349 01-SPALI
                           00001   579+SEXHOLDQ EQU   1 *                 NUMBER OF I/O PURGE HOLDING THREAD.  01-SPALI
                           00002   580+SEXPURGE EQU   2 *                 THREAD STATUS FLAG DURING PURGE.     01-SPALI
0001D8 004B                        581+SEXRCBLN DC    H'75'        *      # OF RCB'S TO GO IN INITIAL TABLE.   01-SPALI
0001DA 0005                        582+SEXRCBUP DC    H'5'         *      # OF FRESH RCB'S TO GET.              01-SPALI
0001DC 0002                        583+SEXCUSH  DC    Y(2048/1024)     .  STORAGE CUSHION SIZE IN K-BYTES. DFK 01-SPALI
0001DE 012C                        584+SEXRETRY DC    H'300' *           RETRY INTVL FOR REACQUIRING CUSHION. 01-SPALI
0001E0 80                          585+SEXRMFLG DC    AL1(SEXSTAC) *     DO STORAGE ACCOUNTING.               01-SPALI
0001E1 00                          586+SEXDQCNT DC    X'0' .             COUNT FOR GENERATED DDQ ID    PTF304 01-SPALI
0001E2 D5D6                        587+SEXP31SF DC    CL2'NO'      .     31-AMODE POOLS MODULE SUFFIX  XM0871 01-SPALI
0001E4 0000                        588+SEXSNPTT DC    H'0' .             # OF SNAPS SINCE LAST SPINOFF      SK 01-SPALI
0001E6 000F                        589+SEXTLPTM DC    Y(30/2)        .   IJKTLOOP TIMEOUT/2 IN SECONDS XM0881 01-SPALI
0001E8 00000000                    590+SEXPASS  DC    V(RMPASS) .        ADD OF PASS ROUTINE.                 01-SPALI
0001EC 00000000                    591+SEXCATCH DC    V(RMCATCH) .       ADD OF CATCH ROUTINE.                01-SPALI
0001F0 00000000                    592+SEXFON   DC    V(RMFON) .         ROUTINE TO ADD FILE RCB FOR A THREAD 01-SPALI
0001F4 00000000                    593+SEXFOFF  DC    V(RMFOFF) .        ROUTINE TO FREE THE FILE RCB.        01-SPALI
0001F8 00008CA0                    594+SEXTRINT DC    F'36000'                                               X01-SPALI
                                     +                      .       INTERVAL BETWEEN PRINT RM STATS.  XM0871
0001FC 0000000000000000            595+SEXMRLST DC    5F'0' .            MRPOST MACRO PARAMETER LIST.         SK 01-SPALI
000210 00000000                    596+SEXMRCTL DC    A(0) .             A(CONTROL RGN ENTRY) IN MCT.         SK 01-SPALI
000214 00004650                    597+SEXCPLIM DC    A(60*300)      .   CHECKPOINT TIME LIMIT                SK 01-SPALI
000218 00015F90                    598+SEXCDLIM DC    A(300*300)     .   CLOSEDOWN TIME LIMIT                 SK 01-SPALI
00021C 00000000                    599+SEXBGECB DC    F'0' .             ECB FOR PMIDEBUG                     SK 01-SPALI
000220 0400                        600+SEXMRCSL DC    Y(1024/8*8)    .   LEN OF STARTUP ACQUIRED CSA   SM0451 01-SPALI
000222 0000                        601+         DC    H'0' .             RESERVED                          SM0451 01-SPALI
000224 00000000                    602+SEXMRDCC DC    F'0' .             COUNT OF DYNAMICALLY GOTTEN CSSM0451 01-SPALI
000228 00000000                    603+SEXMRMSI DC    F'0' .             # OF MSGS INPUT VIA MRINPUT   SM0451 01-SPALI
00022C 00000000                    604+SEXMRMSO DC    F'0' .             # OF MSGS OUTPUT VIA MROTPUT  SM0451 01-SPALI
                                   605+*                                 MROTPUT/SUBTASK               SM0451
000230 01                          606+SEXMROT  DC    X'01' .            INITIALIZE : MROTPUT IS INACTISM0451 01-SPALI
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                           00004   607+SEXMROTE EQU   X'04' .            MROTPUT WAITING ON SEXMRECB   SM0451 01-SPALI
                           00002   608+SEXMROTT EQU   X'02' .            MROTPUT IN TIME INTVL WAIT    SM0451 01-SPALI
                           00001   609+SEXMROTI EQU   X'01' .    MROTPUT IS INACTIVE / 255-X'01' --> ACTSM0451 01-SPALI
000231 00                          610+SEXMRSW  DC    X'00' .            MULTI REGION SWITCH BYTE      SM0451 01-SPALI
                           00001   611+SEXCSAFR EQU   X'01' .            MRSTART HAS FREED LEFT OVER CSSM0451 01-SPALI
                           00002   612+SEXCHNOK EQU   X'02' .            MCTCCHAN HAS BEEN INITIALIZED SM0451 01-SPALI
000232 00                          613+SEXMRATO DC    B'00000000'                          .      SM0634 01-SPALI
000233 00                          614+         DC    X'00' .                 UNUSED                  CH 01-SPALI
000234 00000000                    615+SEXCELLG DC    F'0' .             SAVECELL FOR MRQMON/MROTPUT   SM0451 01-SPALI
000238 00000000                    616+SEXCELLH DC    F'0' .             SAVECELL FOR MRQMOFF          SM0451 01-SPALI
00023C 00000000                    617+SEXCELLI DC    F'0' .             SAVECELL FOR MR SECURITY      SM0451 01-SPALI
000240 00000000                    618+SEXXPECB DC    F'0' .             CROSS MEMORY POST FAILURE ECB SM0451 01-SPALI
000244 00000000                    619+SEXPOST  DC    V(IJKPOST) .       DISPATCHER'S INTPOST              SK 01-SPALI
000248 00000000                    620+SEXPOSTX DC    V(IJKPOSTX) .        ENTRY POINTS.                   SK 01-SPALI
00024C 00000000                    621+SEXFESND DC    V(FESEND) .        FESEND ENTRY POINT              DMK 01-SPALI
000250 00000000                    622+SEXFECDQ DC    V(FECMDDQ) .       ADDRESS OF FECM DDQ ROUTINE   SM1226 01-SPALI
000254 00000000                    623+SEXSCTDD DC    V(INTSCTDD) .      DISK-Q DD LISTS VECTOR ADD    SM1167 01-SPALI
000258 00000000                    624+SEXP31NX DC    A(0) .             31-AMODE POOLS ICOMINX ADDR   XM0871 01-SPALI
00025C 00000000                    625+SEXP31CH DC    A(0) .             31-AMODE POOLS ICOMCHN ADDR   XM0871 01-SPALI
000260 00000000                    626+SEXP31PL DC    A(0) .             31-AMODE POOLS ICOMPOOL ADDR  XM0871 01-SPALI
000264 00000000                    627+SEXP31PE DC    A(0) .             31-AMODE POOLS POOLEND ADDR   XM0871 01-SPALI
000268 00000000                    628+SEXP31HL DC    A(0) .             31-AMODE POOLS HILIM ADDR     XM0871 01-SPALI
00026C 00000000                    629+SEXP31PA DC    A(0) .             31-AMODE POOLS POOLACCT ADDR  XM0871 01-SPALI
000270 00000000                    630+SEXP31PR DC    A(0) .             31-AMODE POOLS POOLREGS ADDR  XM0871 01-SPALI
000274 00000000                    631+SEXP31PC DC    A(0) .             31-AMODE POOLS POOLCONS ADDR  XM0871 01-SPALI
000278 00000000                    632+SEXCOBPT DC    V(COBPUT) .        COBOL INTERFACE TO MSG. COLLECTION  01-SPALI
00027C 00000000                    633+SEXCOBSF DC    V(COBSTORF) .      COBOL INTERFACE TO STORFREE         01-SPALI
000280 00000000                    634+SEXCONVR DC    V(CONVERSE) .      FOR INTLOAD ENTRY RESOLUTION        01-SPALI
000284 00000000                    635+SEXDBINT DC    V(DBINT) .         TOTAL DATA BASE INTERFACE (PDATBASE) 01-SPALI
000288 00000000                    636+SEXPAGE  DC    V(PAGE) .          PAGE FACILITY PROCESSING            01-SPALI
00028C 00000000                    637+SEXCOBRN DC    V(COBREENT) .      REENTRANT COBOL SUBROUTINE INTERFACE 01-SPALI
000290 00000000                    638+SEXLDECB DC    F'0' .           ECB POSTED WHEN LOADING IS TO BE DONE  RB 01-SPALI
000294 00000000                    639+SEXDLECB DC    F'0' .           ECB POSTED WHEN DELETING IS TO BE DONE RB 01-SPALI
000298 00000000                    640+SEXLOADQ DC    F'0' .           POINTER TO LOAD-Q                      RB 01-SPALI
00029C 00000000                    641+SEXDELTQ DC    F'0' .           POINTER TO DELETE-Q                    RB 01-SPALI
0002A0 00000000                    642+SEXSPACE DC    F'0' .           TOTAL SPACE CURRENTLY USED BY          RB 01-SPALI
                                   643+*                               LOADED PROGRAMS.                       RB
0002A4 0000C350                    644+SEXSPMAX DC    F'50000'     .   MAXIMUM TOTAL SPACE TO BE USED BY      RB 01-SPALI
                                   645+*                               LOADED PROGRAMS CONCURRENTLY.          RB
0002A8 00000000                    646+SEXWTO   DC    V(WTOMOD) .          PMIWTO/R MESSAGE ROUTING              01-SPALI
0002AC 00000000                    647+SEXCORAC DC    V(COREACCT) -        ADDRESS OF COREACCT CSECT          DR 01-SPALI
0002B0 00000000                    648+SEXCKTME DC    F'0' .               CHECKPOINT TIME FOR INTERREG COMM     01-SPALI
0002B4 00000000                    649+SEXDVASN DC    V(DVASN) .           OUTPUT TERM. CONTROL-SEGMENTED MSGS  01-SPALI
0002B8 00000000                    650+SEXGETSG DC    V(GETSEG) .          INPUT MESSAGE SEGMENT RETRIEVAL      01-SPALI
0002BC 00000000                    651+SEXFLOG  DC    V(IXFLOG) .          ADDRESS OF FILE LOGGING PROG.        01-SPALI
0002C0 00000000                    652+         DC    F'0'          .      RESERVED (WAS SEXLDP)          XM0898 01-SPALI
0002C4 00000000                    653+SEXPRNDX DC    V(PMIPRNDX) .        ADDR OF BACK-END PRIORITY-Q INDEX RB 01-SPALI
0002C8 00000000                    654+SEXBTNDX DC    V(BTMPRNDX) .      ADDR OF FRONT-END PRIORITY-Q INDEX RB 01-SPALI
0002CC 0002                        655+SEXLGNUM DC    H'2'          .    NUMBER OF RESIDENT LOG BUFFERS   ALL 01-SPALI
0002CE 07D0                        656+SEXLGBLK DC    Y((2000/4)*4)    .   LOG BUFFER LENGTH              PTF571 01-SPALI
0002D0 00000000                    657+SEXLGECB DC    F'0' .               FULL LOG BUFFERS ECB               ALL 01-SPALI
0002D4 0000                        658+SEXLGCNT DC    H'0' .               COUNT OF MSGS WAITING FOR FREE BUF  01-SPALI
0002D6 00                          659+SEXLGSPR DC    X'0' .               LOG SUPPRESION SWITCH              ALL 01-SPALI
                           00080   660+SEXLGSUP EQU   X'80' .               FLAG TO SUPPRESS LOGGING           ALL 01-SPALI
                           00040   661+SEXLGRST EQU   X'40' .               RESTART IN ONE TAPE-MODE FLAG      ALL 01-SPALI
```

```
  LOC  OBJECT CODE     ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                             00020   662+SEXLGQSE EQU   X'20' .          QUIESCE WRITES FOR IXFCTRL FEOV OOMD 01-SPALI
0002D7 00                            663+SEXSWTCH DC    X'0' .           SYSTEM SWITCH-BYTE                RB 01-SPALI
                             00080   664+SEXCLDWN EQU   X'80' .          SYSTEM CLOSEDOWN INITIATED        RB 01-SPALI
                             00040   665+SEXSTRUP EQU   X'40' .          SYSTEM STARTUP HAS COMPLETED      RB 01-SPALI
                             00020   666+SEXABTRM EQU   X'20' .          ABEND IN PROGRESS FLAG            MM 01-SPALI
                             00010   667+SEXIMCLD EQU   X'10' .          IMCD IN PROGRESS                  SB 01-SPALI
                             00008   668+SEXMRSTP EQU   X'08' .          MULTI-REGION SUBTASK DIES IF ON   MM 01-SPALI
                             00004   669+SEXFWTO  EQU   X'04' .          OK TO NOW DO PMIWTO ROUTING       RB 01-SPALI
                             00002   670+SEXQREST EQU   X'02'       SET BY LOGPROC FOR MSGCOL; INDICATES      01-SPALI
                                     671+*                          CURRENT MSG IS A RESTARTED MSG      EX589
                             00001   672+SEXSNGL  EQU   X'01' .          SINGLE THREAD RESTART IN EFFECT   JP 01-SPALI
0002D8 00000000                      673+SEXLGBUF DC    F'0' .           BEGINNING OF LOG BUFFERS        ALL 01-SPALI
0002DC 00000000                      674+SEXLGMMN DC    F'0' .           STARTING MMN FROM RESTORE       ALL 01-SPALI
0002E0 00000000                      675+SEXPPBEG DC    A(0) .           PROBLEM PROGM PARTITION BEGIN       01-SPALI
0002E4 00000000                      676+SEXPPEND DC    A(0) .           PROBLEM PROGM PARTITION END         01-SPALI
0002E8 00000000                      677+SEXSEGTB DC    A(0) .           SEGMENT TBL ORIGIN ADDR             01-SPALI
0002EC 00000000                      678+SEXPAGTB DC    A(0) .           PAGE TABLE ORIGIN FOR PP PARTITION  01-SPALI
0002F0 0000                          679+         DC    H'0' .                   UNUSED                SM0551 01-SPALI
0002F2 0000                          680+SEXLGRSF DC    H'0' .           FRONT-END RESTARTED-MSG COUNT   ALL 01-SPALI
0002F4 00000000                      681+SEXENABL DC    V(RMENABLE) .    ENABLE ROUTINE.                     01-SPALI
0002F8 00000000                      682+SEXDSABL DC    V(RMDSABLE) .    DISABLE ROUTINE.                    01-SPALI
0002FC 00000000                      683+SEXEVENT DC    V(RMEVENT) .     EVENT ROUTINE.                      01-SPALI
000300 00000000                      684+SEXRQTAB DC    A(0) .           REQUEUE TABLE ADDRESS - MSG RESTART 01-SPALI
000304 00000000                      685+SEXLOGF  DC    V(LOGPUTF) .     FILE RECOVERY LOGGING ENTRY         01-SPALI
000308 00000000                      686+SEXBOST  DC    V(ILBOSTPO) .                                        01-SPALI
00030C 00000000                      687+SEXRPTO1 DC    V(IXFRPTO1) .    FILE HANDLER STATISTICS REPORTING   01-SPALI
000310 00000000                      688+SEXTDUMP DC    V(TDUMP) .       THREAD DUMP ROUTINE               SK 01-SPALI
000314 00000000                      689+SEXASYNC DC    V(ASYNCH) .      ASYNCHRONOUS OVERLAY LOADING        01-SPALI
000318 00000000                      690+SEXASYNL DC    V(ASYNCLDR) .    ASYNC DYNAMIC SUBR/SUBSYS LOADING   01-SPALI
00031C 00000000                      691+SEXASYNS DC    V(ASYNECBS) .    ECBS FOR DYNAMIC LOAD               01-SPALI
000320 00000000                      692+SEXLU6CC DC    A(0) .           POINTER 6.2 CONV CHAINS       SM2247 01-SPALI
000324 00000000                      693+SEXGETNB DC    V(PMIGETNB) .    STARTUP-DISK Q ALLOCATION           01-SPALI
000328 00000000                      694+SEXGETZ  DC    V(GETZ) .        GET IN IXFHNDO1, IXFQISAM USED      01-SPALI
00032C 00000000                      695+SEXPUTZ  DC    V(PUTZ) .        PUT IN IXFHNDO1, IXFQISAM USED      01-SPALI
000330 00000000                      696+SEXB37PR DC    V(IXFB37) .      B37 PROTECTION ROUTINE            SK 01-SPALI
000334 00000000                      697+SEXICMNX DC    V(ICOMINX) .     ADDR OF POOL BLOCK INDEX TABLE    JP 01-SPALI
000338 00000000                      698+SEXCHKPT DC    V(CHECKPT) .     CHECKPOINT DISPATCHING              01-SPALI
00033C 00000000                      699+SEXESEC  DC    F'0'             ESS VECTOR TABLE ADDRESS          CH 01-SPALI
000340 00000000                      700+SEXXASPA DC    F'0' .       SPACE USED BY S/S ABOVE 16 MG LINE    DR 01-SPALI
000344 00000000                      701+SEXTLOOP DC    V(IJKTLOOP) .    THREAD LOOP CONTROL SUBTASK         01-SPALI
000348 00000000                      702+SEXICMCH DC    V(ICOMCHN) .     ADDR OF CHAIN HEAD POINTERS       JP 01-SPALI
00034C 00000000                      703+SEXDLOD  DC    V(DELOAD) .      DYNAMIC SUBSYSTEM LOAD INTERFACE    01-SPALI
000350 00000000                      704+SEXSCTEX DC    V(SCTEXT) .      SCT EXTENSION TABLE ADDRESS         01-SPALI
000354 00000000                      705+SEXDDQRS DC    F'0' .           TRANS DDQ FOR SERIAL RESTART        01-SPALI
000358 00000000                      706+SEXPOOLN DC    V(POOLEND) .     END OF ICOMPOOL CORE              JP 01-SPALI
00035C 00000000                      707+SEXECBRS DC    F'0' .           ECB FOR NEXT MSG Q'D-SERIAL RESTART 01-SPALI
000360 00000000                      708+SEXDBRST DC    V(DBRSTRT) .     DATA BASE RESTART                   01-SPALI
000364 00000000                      709+SEXCKPTS DC    V(CHCKPTSS) .    CHECKPOINT SUBSYSTEM - QUIESCE SCTS 01-SPALI
000368 00000000                      710+SEXCELLO DC    A(0) .           SAVECELL FOR OUT3270              JA 01-SPALI
00036C 00000000                      711+SEXFRVRS DC    V(IXFRVRSE) .    FILE REVERSAL TO BEFORE-IMAGES      01-SPALI
000370 00000000                      712+SEXPOOLA DC    V(POOLACCT) .    ADDR OF POOL ACCTING ACCUMULATORS JP 01-SPALI
000374 00000000                      713+SEXBTSPA DC    V(BTSPA) .       BTAM/TCAM/GFE FRONT END VECTOR TABLE 01-SPALI
000378 00000000                      714+SEXHILIM DC    V(HILIM) .   CONSTANT VALUE, LARGEST POOL BLKSIZE JP 01-SPALI
00037C 00000000                      715+SEXVRPL  DC    V(VRPLIST) .     ADDRESS OF BLDVRP AREA        SM2143 01-SPALI
000380 00000000                      716+SEXDBCLS DC    V(DBCLOSE) .     DATA BASE CLOSEDOWN                 01-SPALI
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98
000384 00000000                   717+SEXTALLY DC    V(TALLY) .          TALY SYSTEM STATS COMMAND PROCESSING 01-SPALI
000388 00000000                   718+SEXMON09 DC    V(IXFMON09) .       FILE HANDLER CLOSEDOWN               01-SPALI
00038C 00000000                   719+SEXICMPL DC    V(ICOMPOOL) .       ADDR OF ICOM CORE POOLS           JP 01-SPALI
000390 00000000                   720+SEXBCLSE DC    V(BTAMCLSE) .       BTAM/TCAM/GFE CLOSEDOWN              01-SPALI
000394 00000000                   721+         DC    F'0' .                   UNUSED (WAS TCAMCLSE)-REL 10 CH 01-SPALI
000398 00000000                   722+SEXUCLSE DC    V(USRCLOSE) .       ICOM USER CLOSEDOWN EXIT             01-SPALI
00039C 00000000                   723+         DC    F'0' .                   UNUSED (WAS SEXCALCQ)-REL 10 CH 01-SPALI
0003A0 00000000                   724+SEXLOCOR DC    F'0' .              ECB TO BE POSTED ON LOW-CORE CONDS   01-SPALI
0003A4 00000000                   725+SEXPOOLR DC    V(POOLREGS) .       BXLE CONSTANTS FOR MANAGER        JP 01-SPALI
0003A8 00000000                   726+SEXPOOLC DC    V(POOLCONS) .       ICOMPOOL CONSTANT DATA            JP 01-SPALI
0003AC 00000000                   727+SEXVTNDX DC    V(VTMPRNDX) .     ADDR OF VTAM FRONT-END PRTY-Q INDEX JA 01-SPALI
0003B0 00000000                   728+SEXSTUPE DC    F'0' ECB PSTD WHEN STARTUP3 ENDS TO SCHED LATER EVENTSJA 01-SPALI
0003B4 00000000                   729+SEXRCTAB DC    V(RCBTABLE) *       ADDRESS OF RCBTABLE ADDRESS   PTF198 01-SPALI
0003B8 00000000                   730+SEXSYCTR DC    V(SYCTRL) .         SUBSYSTEM CONTROLLER                 01-SPALI
0003BC 00000000                   731+SEXOVLYD DC    V(OVLYDTB) .        MONOVLY D VERB TABLE                 01-SPALI
0003C0 00000000                   732+SEXOVLYC DC    V(OVLYCTB) .        MONOVLY C VERB TABLE                 01-SPALI
0003C4 00000000                   733+SEXOVLYB DC    V(OVLYBTB) .        MONOVLY B VERB TABLE                 01-SPALI
0003C8 00000000                   734+SEXUSRST DC    V(USRSTRT1) .       USER'S STARTUP EXIT                  01-SPALI
0003CC 00000000                   735+SEXBSCTS DC    V(BTAMSCTS) .       BTAM/TCAM/GFE TERMINAL QUEUES        01-SPALI
0003D0 00000000                   736+SEXLPINF DC    V(LPINTFC) .        LINK PACK INTERFACE VECTOR TABLE     01-SPALI
0003D4 00000000                   737+SEXBLINE DC    V(BTAMLINE) .       STARTUP-BTAM/TCAM/GFE OPEN           01-SPALI
0003D8 00000000                   738+SEXBSRC3 DC    V(BINSRCH3)         BINARY SEARCH - FULLWORD INDEX  03MD 01-SPALI
0003DC 00000000                   739+SEXPMPL1 DC    V(PMIPL1) .         PL/1 S/S INTERFACE MODULE         SK 01-SPALI
0003E0 0000                       740+SEXSNAPP DC    H'0'          .     *# OF SNAP-PAGES BEFORE SPINOFF   RB 01-SPALI
0003E2 0000                       741+SEXMDNGT DC    H'0' .              24 HOURS FOR EACH MIDNIGHT    SM1341 01-SPALI
0003E4 00000000                   742+SEXTSTAT DC    V(TSTATAB) .        THREAD STATUS TABLE.                 01-SPALI
0003E8 00000000                   743+SEXLOWMM DC    V(LOWMMN) .         RESTART MONITOR MESSAGE NUMBER       01-SPALI
0003EC 00000000                   744+SEXRDRQ  DC    V(READRQ) .         RESTART MESSAGE RETRIEVAL            01-SPALI
0003F0 40000000                   745+SEXRSECB DC    X'40',AL3(0) .      RESTART FLUSH ECB.                   01-SPALI
0003F4 00000000                   746+SEXDQON  DC    V(RMDQON) *         DDQ ADD RCB ROUTINE                MM 01-SPALI
0003F8 00000000                   747+SEXDQOFF DC    V(RMDQOFF) *        DDQ DELETE RCB ROUTINE             MM 01-SPALI
0003FC 00000000                   748+SEXDQTBL DC    V(DDQDSTBL) *       DDQ DATA SET TABLE ADDRESS         MM 01-SPALI
000400 00000000                   749+SEXDQSTR DC    V(DDQSTART) *       DDQ STARTUP MODULE ENTRY PT.       MM 01-SPALI
000404 00000000                   750+SEXDQBLD DC    V(QBUILD) *         DDQ QUEUE BUILD ENTRY POINT        MM 01-SPALI
000408 00000000                   751+SEXDQOPN DC    V(QOPEN) *          DDQ QUEUE OPEN ENTRY POINT         MM 01-SPALI
00040C 00000000                   752+SEXDQCLS DC    V(QCLOSE) *         DDQ QUEUE CLOSE ENTRY POINT        MM 01-SPALI
000410 00000000                   753+SEXDQRD  DC    V(QREAD) *          DDQ QUEUE READ(NORMAL) ENTRY POINTMM 01-SPALI
000414 00000000                   754+SEXDQWR  DC    V(QWRITE) *         DDQ QUEUE WRITE(NORMAL) ENTRY PT.  MM 01-SPALI
000418 00000000                   755+SEXDQRDX DC    V(QREADX) *         DDQ QUEUE READ(UPDATE) ENTRY POINTMM 01-SPALI
00041C 00000000                   756+SEXDQWRX DC    V(QWRITEX) *        DDQ QUEUE WRITE(UPDATE) ENTRY PT.  MM 01-SPALI
000420 00000000                   757+SEXLINK2 DC    V(PMILINK2) .       LINKAGE CSECT                      SK 01-SPALI
000424 00000000                   758+SEXMCNT  DC    V(IEDQB1) .         ADDRESS OF IBM TCAM MCOUNT ROUTINE   01-SPALI
000428 00000000                   759+         DC    F'0'          .     WAS EXTRA V(CTIMER) - UNUSED  XM0903 01-SPALI
00042C 00000000                   760+         DC    F'0'          .     WAS EXTRA V(STIMER) - UNUSED  XM0903 01-SPALI
000430 00000000                   761+SEXRMNQN DC    V(RMNQON) .         RESOURCE-MANAGEMENT ENQ              RB 01-SPALI
000434 00000000                   762+SEXRMNQF DC    V(RMNQOFF) .        RESOURCE-MANAGEMENT DEQ              RB 01-SPALI
000438 00000000                   763+SEXDQWTO DC    V(DDQWTOS) *        DDQ WTO SUBROUTINE                 MM 01-SPALI
00043C 00000000                   764+SEXDQXGE DC    V(DDQXGET) *        DDQ EXTENT ACQUIRE ROUTINE         MM 01-SPALI
000440 00000000                   765+SEXDQXPU DC    V(DDQXPUT) *        DDQ EXTENT FREE ROUTINE            MM 01-SPALI
000444 00000000                   766+SEXDQREL DC    V(DDQRELO) *        DDQ FET TABLE RELOCATION ROUTINE   MM 01-SPALI
000448 00000000                   767+SEXDQSUB DC    V(DDQSUBS) *        DDQ SUBROUTINES CSECT              MM 01-SPALI
00044C 00000000                   768+SEXDQTRA DC    V(DDQTRANS) *       DDQ TRANSIENT SUBRTES. CSECT       MM 01-SPALI
000450 00000000                   769+SEXTRACE DC    V(IJKTRACE) .       WQE TRACE DUMP PROCESSING            CH 01-SPALI
000454 00000000                   770+SEXLGEOF DC    F'0' .              ECB FOR LOGPUT AND IXFCTRL (FEOV)    MD 01-SPALI
000458 00000000                   771+SEXMXLDS DC    F'0' .              # TIMES MAXLOADS REACHED            DR 01-SPALI
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM H V 02 15.46 09/01/98
00045C 00000000                   772+SEXBSECT DC    V(BITSECT) .        STRT/STOP COMMAND CONTROL BITS    SK 01-SPALI
000460 0003                       773+SEXLOGIN DC    H'3'          INTVL IN 10TH/SEC TO READ LOGINPUT      MC 01-SPALI
000462 0700                       774+         CNOP  0,4                ALIGN PICA TO FULLWORD BOUNDARY   S  02-SPIE
000464 0E                         775+SEXSPICA DC    BL1'00001110'                      PROGRAM MASKS     S  02-SPIE
000465 000000                     776+         DC    AL3(0)             EXIT ROUTINE ADDRESS              S  02-SPIE
000468 7FFD                       777+         DC    BL2'0111111111111101'                                   X02-SPIE
                                    +                                  THE INTERRUPT MASK BYTES 1 AND 2
00046A 0700                       778+         CNOP  0,4                                                      01-SPALI
                                  779+*                        FIELDS FOR GENERALIZED SUBTASKING
00046C 00000000                   780+SEXTASKW DC    F'0' .              ECB POSTED WHEN A SUBTASK IS FREERAR 01-SPALI
000470 01000000                   781+SEXTASKC DC    AL1(1),AL3(0)  .    # OF TASKS, ADDR OF TASK CONTL BLCKS 01-SPALI
000474 00000000                   782+SEXALCTE DC    V(ALLOCATE) .       ALLOCATE ROUTINE                    01-SPALI
000478 00000000                   783+SEXACCES DC    V(ACCESS) .         ACCESS ROUTINE                      01-SPALI
00047C 00000000                   784+SEXSCRCH DC    V(SCRATCH) .        SCRATCH ROUTINE                     01-SPALI
000480 00000000                   785+SEXRENME DC    V(RENAME)           RENAME ROUTINE                      01-SPALI
000484                            786+SEXSTORF DS    0F    *    STORE/FETCH FACILITY PARAMETERS  (INTSTORF) CH 01-SPALI
000484 00000000                   787+SEXSFFAD DC    V(INTFETCH) *       FETCH                               CH 01-SPALI
000488 00000000                   788+SEXSFSAD DC    V(INTSTORE) *       STORE                               CH 01-SPALI
00048C 00000000                   789+SEXSFUAD DC    V(INTUNSTO) *       UNSTORE (DELETE)                    CH 01-SPALI
000490 00000000                   790+SEXSFDAD DC    V(INTSTOFL) *   FLUSH ALL TRANSIENT STRINGS TO DISC      CH 01-SPALI
000494 40000000                   791+SEXSFECB DC    XL4'40000000' * USER WAITS ON THIS ECB DURING FLUSH     CH 01-SPALI
000498 00001400                   792+SEXSFCSZ DC    A(1024*5)         .  STORE/FETCH CORE FOR IN-CORE DATA CH 01-SPALI
00049C 00000000                   793+SEXSFCUS DC    F'0' *    AMOUNT OF DYNAMIC CORE IN USE FOR STRINGS     CH 01-SPALI
0004A0 00000000                   794+SEXSFCNT DC    F'0' *    COUNTER-TRANSIENT STRING ACTIVITY IN CORE     CH 01-SPALI
0004A4 00000000                   795+SEXSFTAB DC    F'0' *    POINTER-CORE TABLES-1 PER POSSIBLE DATA SET   CH 01-SPALI
0004A8 00000078                   796+SEXSTSTM DC    A(120)       .      INTERVAL FOR STS REPORTS            AB 01-SPALI
0004AC 00000000                   797+SEXTASK  DC    V(ICOMTASK) .       SUBTASKING CONTROL                RAR 01-SPALI
0004B0 00000000                   798+SEXTASKS DC    AL1(0),VL3(STASKTBL)   .  # OF SPEC TASKS,ADDR OF SPECIAL 01-SPALI
                                  799+*                                  SUB-TASK TABLE                    RAR
0004B4 FFFF                       800+SEXSMCS  DC    B'1111111111111111' SUPPRESS ROUTCDE ROUTING         RAR 02-MCSRO
0004B6 FFFF                       801+SEXSPMI  DC    B'1111111111111111' SUPPRESS ROUTX ROUTING           RAR 02-MCSRO
0004B8 0100                       802+SEXFMCS  DC    B'0000000100000000' FORCE ROUTCDE ROUTING            RAR 02-MCSRO
0004BA 0000                       803+SEXFPMI  DC    B'0000000000000000' FORCE ROUTX ROUTING              RAR 02-MCSRO
0004BC 00000000                   804+SEXHASPR DC    F'0' .              HASP INTERNAL READER TABLES       RAR 01-SPALI
0004C0 00000000                   805+SEXHASPC DC    F'0' .              HASP INTERNAL CONSOLE TABLE       RAR 01-SPALI
0004C4 00000000                   806+SEX#BUFS DC    F'0' .       TOTAL NUMBER OF RECORDS WRITTEN TO INTERLOG 01-SPALI
0004C8 00000000                   807+SEX#SYNC DC    F'0' .       TOTAL NUMBER OF SYNCHRONOUS LOGICAL RECORDS 01-SPALI
0004CC 00000000                   808+SEX#ASYN DC    F'0' .      TOTAL NUMBER OF ASYNCHRONOUS LOGICAL RECORDS 01-SPALI
0004D0 00000000                   809+SEX#BUFW DC    F'0' .        NUMBER OF BUFFER-WAIT CONDITIONS IN LOGPUT 01-SPALI
0004D4 00000000                   810+SEX#CHAR DC    F'0' .    TOTAL NUMBER OF CHARACTERS WRITTEN TO INTERLOG 01-SPALI
0004D8 00000000                   811+SEX#FMSG DC    F'0' .              NUMBER OF FRONT-END MESSAGES QUEUED  01-SPALI
0004DC 00000000                   812+SEX#BREC DC    F'0' .         NUMBER OF BACK-END BLOCKS WRITTEN TO DISK 01-SPALI
0004E0 00000000                   813+SEX#FREC DC    F'0' .        NUMBER OF FRONT-END BLOCKS WRITTEN TO DISK 01-SPALI
0004E4 00000000                   814+SEX#SATM DC    F'0' .    NUMBER OF MESSAGES PASSED TO SATELLITE-REGIONS 01-SPALI
0004E8 00000000                   815+SEX#SSLD DC    F'0' .              NUMBER OF OVERLAY-SUBSYSTEM SEGLDS   01-SPALI
0004EC 00000000                   816+SEX#OLDS DC    F'0' .              NUMBER OF NON-SUBSYSTEM SEGLDS       01-SPALI
0004F0 00000000                   817+SEX#SSDY DC    F'0' .              NUMBER OF SUBSYSTEM DYNAMIC LOADS    01-SPALI
0004F4 00000000                   818+SEX#DYNL DC    F'0' .              NUMBER OF SUBROUTINE DYNAMIC LOADS   01-SPALI
0004F8 00000000                   819+SEXCB2SA DC    A(0) .              VS COBOL 2-SNAP AREAS ADDRESS SM2251 01-SPALI
0004FC 00000000                   820+SEXMSQNO DC    F'0' .              SEQUENTIAL MESSAGE NUMBER USED    SY 01-SPALI
                                  821+*                                  FOR STORE/FETCH UNIQUE KEY (MMU)  SY
000500 00000000                   822+SEXDVMOD DC    V(DVMODIFY) .       STATION ENTRY DEVICE MODIFIER     SY 01-SPALI
                                  823+*                                     EXTENSION TABLE (MMU)          SY
000504 00000000                   824+SEXMMESC DC    A(0) .              COMMON DYNAMIC WORK AREA ADDR     SY 01-SPALI
                                  825+*                                      FOR MMU SUBROUTINES           SY
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98
000508 00000000                   826+SEXMMDSC DC    A(0) .              COMMON DYNAMIC WORK AREA ADDR      SY 01-SPALI
                                  827+*                                   FOR MMU DEVICE DEPENDENT MODULES SY
00050C 00000000                   828+SEXMMUST DC    V(MMUSTART) .       ADDR OF MMU START-UP ROUTINE       SY 01-SPALI
000510 0000                       829+SEXSFBSZ DC    H'0' .              BLOCKSIZE+HEADER LN OF STORE/FETCHSY 01-SPALI
                                  830+*                                  DATASET TO STORE NORMAL FORM       SY
                                  831+*                                  PAGE BLOCKS.                       SY
000512 0000                       832+SEX327SZ DC    H'0' .              SIZE OF 3270 PAGE AREA (MMU)  SM1226 01-SPALI
000514 00000000                   833+SEXEXTRM DC    V(PMIEXTRM) .       ADDRESS OF EXTERM ROUTINE          SY 01-SPALI
000518 00000000                   834+SEXFITCB DC    V(FDITCB) .         ADDR OF FIND ITCB ROUTINE          SY 01-SPALI
00051C 00000000                   835+SEXSFSUP DC    V(STOSTART) .       STORE/FETCH STARTUP                RB 01-SPALI
000520 00000000                   836+SEXCELLA DC    F'0' .              SAVECELL FOR BLMSGCOL              RB 01-SPALI
000524 00000000                   837+SEXCELLB DC    F'0' .              SAVECELL FOR PMIRETRV              RB 01-SPALI
000528 00000000                   838+SEXCELLC DC    F'0' .              SAVECELL FOR PMINQDEQ              RB 01-SPALI
00052C 00000000                   839+SEXCELLD DC    F'0' .              SAVECELL FOR IXFHNDO1              RB 01-SPALI
000530 00000000                   840+SEXCELLE DC    F'0' .              SAVECELL FOR PREPROG               RB 01-SPALI
000534 00000000                   841+SEXCELLF DC    F'0' .              SAVECELL FOR PMIOUTPT              RB 01-SPALI
000538 00000000                   842+SEXEXTSC DC    A(0) .              SAVECELL FOR PMIEXTRM              JA 01-SPALI
00053C 00000000                   843+SEXVCT   DC    V(VCT) .            ADDR OF VCT (VTAM CONTROL TABLE)   JA 01-SPALI
000540 00000000                   844+SEXFEIDX DC    V(FEINDX) .       ADDR OF BTERM/LCOMP INDEX PARM LIST  JA 01-SPALI
000544 00000000                   845+SEX327PG DC    F'0' .              ADDR OF 3270 PAGE AREA FOR MMU     SY 01-SPALI
                                  846+*                                     3270 DEVICE DEPENDENT MODULE    SY
000548 00000000                   847+SEXFESSC DC    F'0' .              SAVECELL FOR FESEND                JA 01-SPALI
                                  848+*                        MMU ENTRY POINTS                          JA
00054C 00000000                   849+SEXMMUVT DC    V(MMUVTBL) .        MMU VECTOR TABLE                   SY 01-SPALI
000550 00000000                   850+SEXMAPIN DC    V(MAPIN) .          MMU MAPIN ENTRY POINT              SY 01-SPALI
000554 00000000                   851+SEXMAPOT DC    V(MAPOUT) .         MMU MAPOUT ENTRY POINT             SY 01-SPALI
000558 00000000                   852+SEXMAPEN DC    V(MAPEND) .         MMU MAPEND ENTRY POINT             SY 01-SPALI
00055C 00000000                   853+SEXMAPPU DC    V(MAPURGE) .        MMU MAPURGE ENTRY POINT            SY 01-SPALI
000560 00000000                   854+SEXMAPCL DC    V(MAPCLR) .         MMU MAPCLR ENTRY POINT             SY 01-SPALI
000564 00000000                   855+SEXMAPFR DC    V(MAPFREE) .        MMU MAPFREE ENTRY POINT            SY 01-SPALI
                                  856+*
000568 00000000                   857+SEXAMGAR DC    F'0' .            ADDR AMIGOS FILE RECOVERY I/O AREA   SY 01-SPALI
                                  858+*                        AUTOGEN AREAS
00056C C9D5E3E2E3D6D9F0           859+SEXAUTSF DC    CL8'INTSTORO' .     AUTOGEN - S/F DDNAME               SY 01-SPALI
000574 C1E4E3D6C7D7C3C8           860+SEXAUTPC DC    CL8'AUTOGPCH' .     AUTOGEN - PUNCH DDNAME             SY 01-SPALI
00057C 0064                       861+SEXMXFLD DC    H'100' .            AUTOGEN - MAX. NO. FIELDS          SY 01-SPALI
00057E 0000                       862+SEXHMOD  DC    H'0' .              AUTOGEN - HASH CODE MODULUS        SY 01-SPALI
000580 0000                       863+SEXPRMLN DC    H'0' .              AUTOGEN - S/F PERMANENT AREA LEN   SY 01-SPALI
000582 00                         864+SEXBITY  DC    B'00000000'                                           DMK 01-SPALI
                         00080    865+SEXDWS   EQU   X'80' .              COBOL DWS CHECK OPTION             DMK 01-SPALI
000583 00                         866+         DC    X'00' .                    UNUSED                      DMK 01-SPALI
000584 00000000                   867+         DC    F'0' .              UNUSED                              DR 01-SPALI
000588 00000000                   868+SEXSWMD  DC    V(SWMODE)           CAP PGM FOR BAL XA S/S        SM1865 01-SPALI
00058C 00000000                   869+SEXSTNDX DC    V(STATINDX) .       ADDRESS OF STATION TABLE INDEX     SY 01-SPALI
000590 00000000                   870+SEXBSRC2 DC    V(BINSRCH2) .       ADDR OF ALTERNATE BINSRCH ENTRY    SY 01-SPALI
000594 00000000                   871+SEXSTLEN DC    F'0' .              TOTAL LENGTH OF ALL S/F STRINGS    SY 01-SPALI
000598 00000000                   872+SEX#STRS DC    F'0' .              TOTAL # OF STORES                  SY 01-SPALI
00059C 00000000                   873+SEX#SPST DC    F'0' .              TOTAL # SPANNED S/F RCDS STORED    SY 01-SPALI
0005A0 00000000                   874+SEX#SFLH DC    F'0' .              TOTAL # SINGLE STRING FLUSHES      SY 01-SPALI
0005A4 00000000                   875+SEXSTBLK DC    F'0' .              TOTAL # BLOCKS SEARCHED            SY 01-SPALI
0005A8 00000000                   876+SEX#SFRD DC    F'0' .              TOTAL # STORE/FETCH READS          SY 01-SPALI
0005AC 00000000                   877+SEXSFHIC DC    F'0' .              S/F - MAX CORE FOR IN-CORE STRNGS  SY 01-SPALI
0005B0 C9D5E3                     878+SEXWTOPR DC    CL3'INT' .          PREFIX FOR WTOS                    SK 01-SPALI
0005B3 00                         879+         DC    X'0' .                     UNUSED                      SK 01-SPALI
0005B4 4040404040404040           880+SEXWTOID DC    CL8' ' .            REGION IDENTIFIER FOR WTO'S        SK 01-SPALI
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM H V 02 15.46 09/01/98

0005BC 5B5B5B5B5B                   881+SEXGNTRM DC    CL5'$$$$$'    .     TERM ID FOR M.S.G. & LOGINPUT     MR 01-SPALI
0005C1 000000                       882+         DC    XL3'00' .                 UNUSED                        CH 01-SPALI
0005C4 00000000                     883+         DC    F'0' .              UNUSED ----- (WAS SEXFECM)        CH 01-SPALI
0005C8 00000000                     884+SEXFNDC  DC    V(FESENDC) .        FESEND-COPY MESSAGE ENTRY     SM1273 01-SPALI
000000                              885+EDITRTNS DSECT                                                          01-SPALI
000000 00000009                     886+         DC    A(9)       .        HIGHEST EDIT SUBROUTINE NUMBER.   SK 01-SPALI
000004 00000000                     887+         DC    V(EDIT000)   .                                          SK 01-SPALI
000008 00000000                     888+         DC    V(EDIT001)   .                                          SK 01-SPALI
00000C 00000000                     889+         DC    V(EDIT002)   .                                          SK 01-SPALI
000010 00000000                     890+         DC    V(EDIT003)   .                                          SK 01-SPALI
000014 00000000                     891+         DC    V(EDIT004)   .                                          SK 01-SPALI
000018 00000000                     892+         DC    V(EDIT005)   .                                          SK 01-SPALI
00001C 00000000                     893+         DC    V(EDIT006)   .                                          SK 01-SPALI
000020 00000000                     894+         DC    V(EDIT007)   .                                          SK 01-SPALI
000024 00000000                     895+         DC    V(EDIT008)   .                                          SK 01-SPALI
000028 00000000                     896+         DC    V(EDIT009)   .                                          SK 01-SPALI
                                    897+*
                                    898+*        CSECT CONTAINING BIT STRING FOR STRT/STOP COMMANDS AND
                                    899+*        TEST MACRO.
                                    900+*
000000                              901+BITSECT  DSECT                                                       02-SSBIT
000000 1E                           902+BITBYTES DC    AL1(30)      .        NUMBER OF BYTES OF BITS          02-SSBIT
000001 03                           903+BITMAXD  DC    AL1(3)       .        MAX DIGITS IN A DECIMAL BIT NUMBER 02-SSBIT
000002 FFFFFFFFFFFFFFFF             904+BITS     DC    30X'FF'      .        BIT STRING                       02-SSBIT
000000                              905 ISPSECTS CSECT                                                       00002500
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                   907          COPY  SCTLISTC                                                  00002700
                                   908 *                                                                        00002000
                                   909 *                                                                        00004000
                                   910 *      S Y S T E M    C O N T R O L    T A B L E   L A Y O U T          00006000
                                   911 *      ************************************************                  00010000
                                   912 *                                                                        00012000
                                   913 *                                                                        00012300
                                   914 *      CORE QUEUE INFORMATION                                            00016000
                                   915 *      **********************                                            00018000
                                   916 *                                                                        00020000
000000                             917 SCTLIST DSECT                                                            00022000
000000                             918 SCTBEGIN DS    OF                                                        00024000
000000                             919 SCTRESRC DS    OB                  NUMBER OF SHARED RESOURCE ID.         00025000
000000                             920 SCTBCLP  DS    F                   PTR TO BEGINNING  OF CORE LIST        00026000
000004                             921 SCTBIT4  DS    OB                  FLAG BYTE                             00026100
                         00080     922 SCTSEGDQ EQU   X'80'    DEQ'ING SEGMENTS - POSTPONE PRIORITY DEQ'ING SK 00026110
                         00040     923 SCTPPOST EQU   X'40'                POST PRIMARY SCT IF SCHEDULABLE. DFK 00026120
                                   924 *                                       BIT ALWAYS ON FOR AUX S/S.       00026130
                         00010     925 SCTHUNG  EQU   X'10'                SINGLE-THREAD SS HUNG-NO SCH. SM2180 00026150
                         00008     926 SCTFLALL EQU   X'08'                FLUSH MSGS UNTIL FLCNT IS ZERO    CH 00026160
                         00001     927 SCTQFULL EQU   X'01'                SET ON FOR USER EXIT IF NO ROOM   CH 00026190
000004                             928 SCTECLP  DS    F                   PTR TO   END      OF CORE LIST        00028000
000008                             929 SCTPRNDX DS    OB                  INDEX+1 TO PRIORITY-Q POINTER     RB 00028100
000008                             930 SCTCLWP  DS    F                   PTR TO LAST WRITE OF CORE LIST        00030000
00000C                             931 SCTPRCNT DS    OB                  COUNT OF MESSAGES ON PRIORITY-Q   RB 00030100
00000C                             932 SCTCLRP  DS    F                   PTR TO LAST READ  OF CORE LIST        00032000
000010                             933 SCTFRBN  DS    H                   FIRST RBN DISK Q-MULT OF EIGHT        00034000
000012                             934 SCTCNMC  DS    H                   CURRENT # OF MSGS IN CORE LIST        00036000
                                   935 *                                                                        00038000
                                   936 *      DISK QUEUE INFORMATION                                            00040000
                                   937 *      **********************                                            00042000
                                   938 *                                                                        00044000
000014                             939 SCTDFLN  DS    OCL8          FILE NAME OF DISK QUEUE REDEFINED BY SM1166 00046000
000014                             940 SCTDFLNX DS    XL.2,XL.6           DISK QUEUE FILE INDEX         SM1166 00047020
                                   941 *                                  2 HIGH BITS=INDEX IN LIST VECTOR     00047040
                                   942 *                                  6 LOW BITS=INDEX IN DD LIST.  SM1166 00047060
                         00000     943 SCTDFBE  EQU   B'00000000'         MASK FOR A BACK-END SCT       SM1166 00047080
                         00040     944 SCTDFBT  EQU   B'01000000'         MASK FOR BTAM SCT             SM1166 00047100
                         00080     945 SCTDFVT  EQU   B'10000000'         MASK FOR A VTAM SCT           SM1166 00047120
                         0003F     946 SCTDFCOR EQU   B'00111111'         IF ALL ZEROES => ONLY CORE QUEUE     00047140
                                   947 *                                                                SM1166 00047160
000015                             948 SCTFLAGS DS    FL1                 FLAG BYTE                     SM1166 00047180
                         00080     949 SCTFSDR  EQU   X'80'               ASK FOR DEFINITE RESPONSE       VTAM 00047200
                         00040     950 SCTFSER  EQU   X'40'               ASK FOR EXCEPTION RESPONSE      VTAM 00047220
                         00000     951 SCTFSRSP EQU   SCTFSDR+SCTFSER     MASK TO CHECK 'SRESP'           VTAM 00047280
                         00020     952 SCTFSR1  EQU   X'20'               1 -> RESPONSE TYPE 1 (FME)      VTAM 00047300
                         00010     953 SCTFSR2  EQU   X'10'               1 -> RESPONSE TYPE 2 (RRN)      VTAM 00047320
                                   954 *                                                                SM1166 00047340
000016                             955 SCTFLCNT DS    H                   COUNT OF MESSAGES TO BE FLUSHED   CH 00047380
000018                             956 SCTFTWQE DS    F                   HOLDS FINTUNER DELY WQE           JS 00047400
00001C                             957 SCTCNMD  DS    F                   CURRENT # OF MSG ON DISK QUEUE       00048000
000020                             958 SCTHRBN  DS    OF                                                       00050000
000020                             959 SCTPCEN  DS    H                   PERCENTAGE OF DISK SPACE TO USE      00050100
000022                             960 SCTRBNS  DS    H                   HIGHEST     RBN  ON DISK Q           00050200
000024                             961 SCTRRBN  DS    F                   LAST READ   RBN  OF DISK QUEUE       00052000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM H V 02 15.46 09/01/98

000028                            962 SCTWRBN  DS    F                LAST WRITE  RBN  OF DISK QUEUE        00054000
00002C                            963 SCTBLAD  DS    F                BLOCK ADDRESS   FOR DISK QUEUE        00056000
000030                            964 SCTBIT2  DS    X                QUEUING INFORMATION                   00057000
000031                            965 SCTNMBL  DS    X                NUMBER OF MESSAGES IN CORE BLOCK      00058000
000032                            966 SCTBLSZ  DS    H                BLOCK SIZE OF  DISK QUEUE             00060000
000034                            967 SCTBSW1  DS    OB               SWITCH FOR FRONT-END USE           RB 00060100
                         00080    968 SCTDEDQ  EQU   X'80'            SCT IS DEDICATED TO ONE TERMINAL   RB 00060200
                         00040    969 SCTDSPDQ EQU   X'40'            DISPATCH BMHOTDEQ WHEN MSG Q'ED    RB 00060220
                         00020    970 SCTQHELD EQU   X'20'            THIS DEDICATED QUEUE IS HELD IF 1  JA 00060260
                         00010    971 SCTDQACT EQU   X'10'            ON=>BMHOTDEQ THREAD ACTIVE         JA 00060270
                         00008    972 SCTVTSCT EQU   X'08'            IF 1, THIS IS A VTAM SCT           JA 00060280
                         00004    973 SCTSRCHD EQU   X'04'            BTAM SCT IS SHARED (STARTUP)  SM1699 00060290
000034                            974 SCTSW1   DS    OB               SWITCH FOR BACK-END USE       SM1699 00061000
000034                            975 SCTDTERM DS    F                DEDICATED TERMINAL ADDRESS    SM1699 00061500
000038                            976 SCTMECB  DS    F                ECB FOR BTAM QUEUEING              RB 00062100
00003C                            977 SCTBECB  DS    F                ANOTHER ECB FOR BTAM QUEUEING      RB 00062200
                         00040    978 SCTQLTH  EQU   *-SCTBEGIN       LENGTH OF A BTAM/VTAM SCT          RB 00062220
000040                   00038    979          ORG   SCTMECB          RESET FOR SUBSYSTEM SCT            RB 00062240
                                  980 *                                                                    00062300
                                  981 *              THE FOLLOWING FIELDS DO NOT OCCUR IN THE FRONT END    00062400
                                  982 *                                                                    00064000
                                  983 *      MESSAGES COUNTERS                                             00066000
                                  984 *      *****************                                             00068000
                                  985 *                                                                    00070000
000038                            986 SCTCMUS  DS    F                COUNT OF MAXIMUM USAGE                00072000
00003C                            987 SCTNMST  DS    H                NUMBER    OF MESSAGES STARTED         00074000
00003E                            988 SCTNMCP  DS    H                NUMBER    OF MESSAGES CALLED (1 RUN)  00076000
000040                            989 SCTTNMP  DS    F                TOTAL   # OF MESSAGES PROCESSED       00078000
000044                            990 SCTMNCL  DS    H                MAXIMUM # OF CONCURRENT MSGS ALLOWED  00080000
000046                            991 SCTFREE  DS    OH               COBOL DWS TO FREE - BYTES          JS 00081000
000046                            992          DS    H                  UNUSED FOR OTHER LANGUAGES  SM2280 00082000
000048                            993 SCTCANC  DS    H                NUMBER    OF MESSAGES CANCELLED       00084000
                                  994 *                                                                    00086000
                                  995 *      SUBSYSTEM INFORMATION                                         00088000
                                  996 *      *********************                                         00090000
                                  997 *                                                                    00092000
00004A                            998 SCTGET   DS    OH               COBOL DWS TO GET-BYTES (ROUNDED)   JS 00093000
00004A                            999 SCTSPACE DS    H                ISA SIZE TO GET FOR PL1 - DBLWDS   CH 00094000
00004C                           1000 SCTSBSP  DS    F                ENTRY POINT                           00096000
000050                           1001 SCTTCTV  DS    H                TIME-OUT CONTROL VALUE                00098000
000052                           1002 SCTEXTND DS    H                OFFSET/8 TO SCT EXTENSION IN SCTEXT   00100000
000054                           1003 SCTDIND  DS    H                SUBSYSTEM DISPATCH INDICATOR          00102000
000056                           1004 SCTSECUR DS    X                BASIC SECURITY ROUTINE INDEX          00104000
000057                           1005 SCTHRESH DS    B                THRESHOLD VALUE TO GIVE WORK          00106000
000058                           1006 SCTSUBCH DS    CL1              SUBSYSTEM CODE SUBDIVISION            00108000
000059                           1007 SCTSUBC  DS    CL1              SUBSYSTEM CODE                        00110000
00005A                           1008 SCTPONU  DS    B                PRIORITY/OVERLAY                      00112000
00005B                           1009 SCTLANG  DS    X                LANGUAGE IDENTIFIER                   00114000
00005C                           1010 SCTBITS  DS    X                SUBSYTEM STATUS (SEE EQUATES)         00116000
00005D                           1011 SCTBIT1  DS    X                MESSAGE COLLECTION/RETRIEVER BITS     00118000
00005E                           1012 SCTAUXSS DS    XL2              AUXILIARY S/S CODE                    00120000
000060                           1013 SCTRECB  DS    F                ECB FOR RESIDENT SCTS                 00122000
                                 1014 *                                                                    00123000
                         00064   1015 SCTLENTH EQU   *-SCTBEGIN       LENGTH OF A TABLE ENTRY               00126000
```

```
                        1017 *                                                                  00128000
                        1018 *      EQUATE STATMENTS FOR SCTLANG                                00130000
                        1019 *      ****************************                                00132000
                        1020 *                                                                  00136000
00080                   1021 SCTPL1   EQU   X'80'              PL1                            00138000
00040                   1022 SCTCOB   EQU   X'40'              COBOL                          00140000
00020                   1023 SCTFORT  EQU   X'20'              FORTRAN                        00142000
00010                   1024 SCTRBAL  EQU   X'10'              REENTRANT BAL                  00146000
00008                   1025 SCTNBAL  EQU   X'08'              NON-REENTRANT BAL              00148000
00004                   1026 SCTRPL1  EQU   X'04'              REENTRANT PL1                  00150000
00002                   1027 SCTRCOB  EQU   X'02'              REENTRANT COBOL                00152000
00001                   1028 SCTVCOB  EQU   X'01'              VS II COBOL COMPILED PROGRAM  CH 00154000
                        1029 *                                                                  00154200
                        1030 *      EQUATE STATEMENTS FOR SCTSW1                                00154300
                        1031 *      ****************************                                00154310
                        1032 *                                                                  00154320
00080                   1033 SCTPL1OP EQU   X'80'              PL/1 OPTIMIZER (=1)  OR 'F' COMPILER 00154400
00040                   1034 SCTPL1LK EQU   X'40'              BASED OR NON-BASED(DEFAULT) LINKAGE  00154500
00020                   1035 SCTLOG   EQU   X'20'              MESSAGES ARE TO BE LOGGED       RB 00154520
00010                   1036 SCTRESTR EQU   X'10'              RESTART LOGGED MSGS IF POSSIBLE RB 00154540
00008                   1037 SCTRESTA EQU   X'08'              RESTART LOGGED MSGS ALWAYS      RB 00154560
00004                   1038 SCTLOAD  EQU   X'04'              THIS IS A LOADED-TYPE PROGRAM   RB 00154565
00002                   1039 SCTFLUSH EQU   X'02'              LOADED PROGRAM IS BEING FLUSHED RB 00154570
00001                   1040 SCTASYNC EQU   X'01'              LOG MESSAGES ASYNCHRONOUSLY    ALL 00154575
                        1041 *                                                                 RB 00154580
                        1042 *      EQUATE STATEMENTS FOR SCTSECUR                             RB 00154590
                        1043 *      ****************************                                00154600
                        1044 *                                                                  00154800
00080                   1045 SCTSECVB EQU   X'80'              INPUT SECURITY VERB IS CHECKED  00155200
00040                   1046 SCTSECSG EQU   X'40'              SIGN-ON IS CHECKED              00155400
                        1047 *                                                                  00156000
                        1048 *      EQUATE STATMENTS FOR SCTBITS                                00158000
                        1049 *      ****************************                                00160000
                        1050 *                                                                  00162000
00080                   1051 SCTDWSCK EQU   X'80'              DO DWS OVERFLOW CHECK IF ON   CH 00164000
00040                   1052 SCTSLIN  EQU   X'40'              SUBSYSTEM LOAD INDICATOR        00166000
00020                   1053 SCTSAM   EQU   X'20'              DO SAM STATS IF ON            CH 00168000
00010                   1054 SCTCONV  EQU   X'10'              CONVERSE CALL OUTSTANDING       00170000
00008                   1055 SCTCMIN  EQU   X'08'              CONCURRENT MAXIMUM INDICATOR    00172000
00004                   1056 SCTINDMP EQU   X'04'              INDICATIVE DUMPS DESIRED IF ON CH 00174000
00002                   1057 SCTSTOP  EQU   X'02'              STOP SUBSYTEM AFTER 1 CANCELLED MSG 00176000
00001                   1058 SCTSNAP  EQU   X'01'              NO 118 SNAP TAKEN AFTER TIME-OUT 00177000
                        1059 *                                                                  00178000
                        1060 *      EQUATE STATMENTS FOR SCTBIT1                                00180000
                        1061 *      ****************************                                00182000
                        1062 *                                                                  00184000
00080                   1063 SCTECB   EQU   X'80'              RES SUB SHOULD WAIT ON SCTRECB  00188000
00040                   1064 SCTBKOUT EQU   X'40'              1 --> ALLOW BACKOUT-ON-THE-FLY SB 00190000
00020                   1065 SCTREJCT EQU   X'20'              REJECT INPUT MSGS IF DELAYED  CH 00191000
00010                   1066 SCTNOSCH EQU   X'10'              DON'T SCHEDULE THIS SUBSYSTEM   00191100
00008                   1067 SCTIMCFL EQU   X'08'              FLUSH QUEUES IN IMMED CLOSEDOWN 00191200
00004                   1068 SCTDB    EQU   X'04'              DATA BASE PROGRAM               00191300
00002                   1069 SCTDBUPD EQU   X'02'              DATA BASE/FILE UPDATE PROGRAM CH 00191400
00001                   1070 SCTNSSET EQU   X'01'              SUBSYSTEM QUIESCED FOR CHECKPOINTING 00191500
                        1071 *                                                                  00192000
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                  1072 *       EQUATE STATEMENTS FOR SCTBIT2                                        00192200
                                  1073 *       ****************************                                         00192300
                                  1074 *                                                                            00192400
                           00080  1075 SCTRETR  EQU   X'80'          RETRIEVER IS LOSING CONTROL                    00192500
                           00040  1076 SCTSGRST EQU   X'40'          RESTART ALL SEGS.                              00192600
                           00020  1077 SCTLDXA  EQU   X'20'          SUBSYSTEM LOADED ABOVE 16M LINE                00192700
                           00010  1078 SCTINVLD EQU   X'10'          NON-RENT.S/S LOADED ABOVE 16M LINE             00192800
                           00008  1079 SCT6CON  EQU   X'08'          INITLU6 CALL OUTSTANDING       SM2247 00192900
                                  1080 *        EQU   X'04'                RESERVED                     CH 00193000
                           00002  1081 SCTMSGC2 EQU   X'02'          MSGCOL WRITING TO DISK                         00193100
                           00001  1082 SCTCVRST EQU   X'01'          RESTART 1ST CONVERSATION MSG.                  00193200
                                  1083 *                                                                            00196000
                                  1084 ************************************************************************** 00198000
                                  1085 *                                                                            00200000
000000                            1086 SCTEXTLT DSECT          DSECT FOR SCT-EXTENSION FOR DYNAMICALLY      RB 00200020
                                  1087 *                             LOADED PROGRAMS.                       RB 00200040
                                  1088 *                                                                       00200060
000000                            1089 SCTLDECB DS    F              ECB POSTED WHEN THE PROGRAM HAS        RB 00200080
                                  1090 *                                  BEEN LOADED.                      RB 00200100
000004                            1091 SCTLDCHN DS    F              CHAIN FIELD FOR LOAD-Q                 RB 00200120
000008                            1092 SCTDLCHN DS    F              CHAIN FIELD FOR DELETE-Q               RB 00200140
00000C                            1093 SCTLMSZ  DS    F              LOAD-MODULE SIZE                       RB 00200160
000010                            1094 SCTBIT3  DS    B              SWITCH-BYTE                            RB 00200180
                           00080  1095 SCTLOADQ EQU   X'80'          PROGRAM IS ON THE LOAD-Q               RB 00200200
                           00040  1096 SCTDELTQ EQU   X'40'          PROGRAM IS ON THE DELETE-Q             RB 00200220
                           00020  1097 SCTREUSE EQU   X'20'          PROGRAM IS REUSEABLE OR REENTRANT      RB 00200240
                           00010  1098 SCTBLDL  EQU   X'10'          A BLDL-LIST IS MAINTAINED              RB 00200260
                           00008  1099 SCTFORCD EQU   X'08'          FORCE PROGRAM DELETION       PTF710 00200265
000011                            1100         DS    B              UNUSED                                 CH 00200267
000012                            1101 SCTCONVD DS    H              CONVERSE IN PROGRESS COUNT                00200270
000014                            1102 SCT#SSDY DS    H              COUNT OF SUBSYSTEM DYNAMIC LOADS          00200275
000016                            1103 SCTCONV6 DS    H              LU6.2 CALLS IN PROGRESS COUNT SM2247 00200277
000018                            1104 SCTNAME  DS    D              LOAD-MODULE NAME                       RB 00200280
                                  1105 *                                                                       00200290
                                  1106 *                        THE REMAINING FIELDS ARE OPTIONAL,AND        RB 00200300
                                  1107 *                        COMPRISE THE REMAINDER OF THE BLDL-LIST.     RB 00200320
                                  1108 *                                                                       00200340
000020                            1109         DS    14X                                                    RB 00200360
00002E                            1110 SCTATT1  DS    X                                                      RB 00200380
00002F                            1111 SCTATT2  DS    X                                                      RB 00200400
000030                            1112         DS    8X                                                     RB 00200420
000038                            1113 SCTATT3  DS    X                                                      RB 00200440
000039                            1114 SCTATT4  DS    X                                                      RB 00200460
00003A                            1115 SCTATT5  DS    X                                                      RB 00200480
00003B                            1116         DS    23X                                                    RB 00200500
000058                            1117         DS    0D                                                     RB 00200520
                                  1118 *                                                                       00202000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                  ASM H V 02 15.46 09/01/98
000000                           1120 MSGHDR   DSECT                                                          00002900
                                 1121          MSGHDR                                                           00003000
000000                           1122+         DS    0D                                                         01-MSGHD
                                 1123+*
                                 1124+*      MESSAGE HEADER LAYOUT
                                 1125+*      ********************
                                 1126+*                                  LAST REVISION 10/20/82-RELEASE 9.0
                                 1127+*                                  LAST REVISION 07/30/85-LU 6.2 SUPPORT
                                 1128+*                                  LAST REVISION 02/15/93-REORGANISATION
                                 1129+*                                                                  SM2221
000000                           1130+MSGHLEN  DS    BL2       LENGTH OF MESSAGE                                01-MSGHD
000002                           1131+MSGHQPR  DS    BL1       QTAM/BTAM I/O PREFIX BLANK IF SS MSG             01-MSGHD
000003                           1132+MSGHRSCH DS    XL1       HI-ORDER BYTE OF RECEIVING SUBSYSTEM CODE        01-MSGHD
000004                           1133+MSGHRSC  DS    CL1       RECEIVING SUBSYSTEM CODE                         01-MSGHD
000005                           1134+MSGHSSC  DS    CL1       SENDING SUBSYSTEM CODE                           01-MSGHD
000006                           1135+MSGHMMN  DS    BL3       MONITOR SEQUENCE NUMBER                SM2221    01-MSGHD
000009                           1136+MSGHDAT  DS    OCL6      DATE (YY.DDD)                           X1078    01-MSGHD
000009                           1137+MSGHYR   DS    CL2             YEAR                              X1078    01-MSGHD
00000B                           1138+MSGHTHRD DS    BL1             THREAD NUMBER                     X1078    01-MSGHD
00000C                           1139+MSGHDAY  DS    CL3             DAY                               X1078    01-MSGHD
00000F                           1140+MSGHTIM  DS    CL8       TIME   (HH.MM.SS)                               01-MSGHD
000017                 0000F     1141+         ORG   MSGHTIM         FIELDS USED IN SCANVERB DURING     JA    01-MSGHD
                                 1142+*                        CONSTRUCTION OF MESSAGE IN LINE HANDLERS  JA
00000F                           1143+MSGHVFLG DS    B               FLAGS                              JA    01-MSGHD
                       00080     1144+MSGHVFND EQU   X'80'       VERB WAS ANALYZED BEFORE CALLING BTSEARCH JA    01-MSGHD
000010                           1145+MSGHVBA  DS    AL3       A(BTVERB ENTRY) IF MSGHVFND FLAG ON              JA    01-MSGHD
000013                 00017     1146+         ORG   MSGHTIM+L'MSGHTIM                                        JA    01-MSGHD
000017                           1147+MSGHTID  DS    CL5       TERMINAL ID   (AAANN)  AAA=CITY,NN=DEVICE ID      01-MSGHD
00001C                           1148+MSGHFLGS DS    OFL2      MESSAGE INDICATOR FLAGS                SM1166    01-MSGHD
00001C                           1149+MSGHFLG1 DS    FL1       MESSAGE INDICATOR FLAG-BYTE-1          SM1166    01-MSGHD
                       00080     1150+MSGHFSDR EQU   X'80'       ASK FOR DEFINITE RESPONSE             VTAM     01-MSGHD
                       00040     1151+MSGHFSER EQU   X'40'       ASK FOR EXCEPTION RESPONSE            VTAM     01-MSGHD
                                 1152+*                        IF MSGHFSDR+MSGHFSER=0 THEN NO RESPONSE VTAM
                                 1153+*                        SPECIFICATION, USE OTHER SOURCES TO DETERMINE.  VTAM
                       000C0     1154+MSGHFRSP EQU   MSGHFSDR+MSGHFSER   MASK TO CHECK 'SRESP'         VTAM     01-MSGHD
                       00020     1155+MSGHFSR1 EQU   X'20'       1 -> RESPONSE TYPE 1 (FME)            VTAM     01-MSGHD
                       00010     1156+MSGHFSR2 EQU   X'10'       1 -> RESPONSE TYPE 2 (RRN)            VTAM     01-MSGHD
                       00008     1157+MSGHFSEB EQU   X'08'       SEND EB WITH THIS MESSAGE             VTAM     01-MSGHD
                       00004     1158+MSGHNCON EQU   X'04'       DO NOT CANCEL CONVERSATION TIMEOUT    XM0215   01-MSGHD
                       00002     1159+MSGHFNF3 EQU   X'02'       1 -> DONT WRITE X'F3' LOG RECORD FOR MSG       01-MSGHD
                       00001     1160+MSGHFRLS EQU   X'01'       RELEASE NEXT OUTPUT MESSAGE           SM1166    01-MSGHD
                                 1161+*                                                                SM1166
00001D                           1162+MSGHFLG2 DS    FL1       MESSAGE INDICATOR FLAG-BYTE-2          SM1166    01-MSGHD
                       00080     1163+MSGHFTRM EQU   X'80'       MSGHADDR POINTS TO SOURCE BTERM/LUC    SM1166    01-MSGHD
                                 1164+*                              FOR COPY PROCESSING              SM2221
                       00040     1165+MSGHSRST EQU   X'40'       SERIALLY RESTARTED MESSAGE INDICATOR  (9.0) CH  01-MSGHD
                       00020     1166+MSGHSYSQ EQU   X'20'       QUEUE THIS MSG TO A 6.2 SESSION EVEN     51MD  01-MSGHD
                                 1167+*                          IF NO CONVERSATION CURRENTLY ACTIVE      51MD
                       00020     1168+MSGHCFLA EQU   X'20'       BTAM ONLY-TEXT=FLSH ALL CHASER MSG     SM2221  01-MSGHD
                       00010     1169+MSGHFMHI EQU   X'10'       THIS MESSAGE CONTAINS 6.2 FMHDR          51MD  01-MSGHD
                       00010     1170+MSGHR129 EQU   X'10'       IBM129 CARD READER RESET I/P INHIB. MSG SM2221  01-MSGHD
                       00008     1171+MSGHFEVR EQU   X'08'       INDICATES RESPONSE TO F.E. VERB        SM2221  01-MSGHD
                                 1172+*        EQU   X'04'             RESERVED                         SM2221
                       00002     1173+MSGHLU6R EQU   X'02'       THIS MESSAGE RESULTS FROM INITLU6 CALL SM2243  01-MSGHD
                                 1174+*        EQU   X'01'             RESERVED                         SM2221
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                           00009  1175+MSGHCP12 EQU   X'09' 3270 COPY FORM 1 (REM.-SAME CU),2 (3275-WR) SM2221 01-MSGHD
                                  1176+*  MSGHCP12:  COPY TYPE 1 OR 2,ISSUING TERM REQUEST RESPONSE    SM2221
                           0000D  1177+MSGHCN12 EQU   X'0D'     COPY TYPE 1 OR 2, NO RESPONSE TO ISSUER SM2221 01-MSGHD
                           0000A  1178+MSGHCP3  EQU   X'0A'     3270 COPY FORM3 (READ FULL BUF REQUEST) SM2221 01-MSGHD
                                  1179+*                                                              SM2221
00001E                            1180+MSGHPID  DS    CL5       PREPARATION TERMINAL ID (RELEASE 8)     SM2221 01-MSGHD
000023                     00020  1181+         ORG   MSGHPID+2      USE LAST THREE BYTES FOR:          SM2221 01-MSGHD
000020                            1182+MSGHBMN  DS    BL3       BTAM SEQUENCE NUMBER                        JS 01-MSGHD
                                  1183+*                                                                    JS
                           00023  1184+MSGHPMN  EQU   *                                                       01-MSGHD
000023                            1185+MSGHSSCH DS    XL1       HI/ORDER BYTE OF SENDING SUBSYSTEM          01-MSGHD
000024                            1186+MSGHUSR  DS    XL1       AVAILABLE TO USER                           01-MSGHD
000025                     00024  1187+         ORG   MSGHUSR                                             JS 01-MSGHD
000024                            1188+MSGHADDR DS    AL3       ADDRESS OF AN AUXILIARY AREA (FE ONLY)      JS 01-MSGHD
000027                            1189+MSGHLOG  DS    C         LOG TYPE CODE-SEE MONITOR WRITEUP       SM2221 01-MSGHD
                           00080  1190+RVZONE   EQU   X'80'         FILE REVERSAL ENTRY.                    01-MSGHD
                           00090  1191+RCZONE   EQU   X'90'         FILE RECREATION ENTRY                   01-MSGHD
                           0008F  1192+MSGHXFIL EQU   RVZONE+15      CHECKPOINT RECORD.                      01-MSGHD
                           0009F  1193+RCSTUP   EQU   RCZONE+15      STARTUP RECORD.                         01-MSGHD
                           000A0  1194+MSGHRQST EQU   X'A0'          LOGPROC REQUEUEING STARTED.             01-MSGHD
                           000A1  1195+MSGHRQND EQU   X'A1'          LOGPROC REQUEUEING ENDED.               01-MSGHD
000028                            1196+MSGHMRDX DS    0X        INDEX TO MULTIREGION MCT ENTRY (01/C1)  SM2221 01-MSGHD
000028                            1197+MSGHRETN DS    0BL1      RETURN CODE LOGGED IN FA/FD/FE HEADER   SM2221 01-MSGHD
                           000C3  1198+MSGHCONV EQU   C'C'           30 LOGGED FROM CONVERSE.          SM2221 01-MSGHD
                           000D3  1199+MSGHLU6C EQU   C'L'           30 LOGGED FROM INITLU6            SM2243 01-MSGHD
000028                            1200+MSGHBLK  DS    CL1       HOLDS F/E MSG RESPONSE CODE (F2/F3)     SM2221 01-MSGHD
000029                            1201+MSGHVMI  DS    BL1       VERB/MSG ID                                 01-MSGHD
                           00067  1202+MSGHFFVM EQU   X'67'          SPECIAL VMI FOR FULLY FORMATTED MSGS    JA 01-MSGHD
                           000EE  1203+DDQVMI   EQU   X'EE'          SPECIAL VMI FOR DYN. DATA QUEING        MM 01-MSGHD
                                  1204+*
00002A                     00000  1205+         ORG   MSGHLEN     DEFINE FILE RECOVERY HEADER LAYOUT    SM2221 01-MSGHD
000000                            1206+         DS    H                   MSGHLEN (SAME)              SM2221 01-MSGHD
000002                            1207+         DS    X                   MSGHQPR (SAME)              SM2221 01-MSGHD
000003                            1208+         DS    X                   MSGHRSCH (SAME)             SM2221 01-MSGHD
000004                            1209+MSGHRBUF DS    H           BUFFER LENGTH (BDAM FILE RECOVERY)    SM2221 01-MSGHD
                                  1210+*          MSGHRBUF OVERLAYS MSGHRSC AND MSGHSSC               SM2221
000006                            1211+MSGHTXTL DS    BL2         RECORD LENGTH (FILE RECOVERY)         SM2221 01-MSGHD
000008                            1212+MSGHKEYL DS    CL1         KEY LENGTH (FILE RECOVERY)            SM2221 01-MSGHD
                                  1213+*          MSGHTXTL AND MSGHKEYL OVERLAY MSGHMMN               SM2221
000009                            1214+         DS    CL6                 MSGHDAT (SAME)              SM2221 01-MSGHD
00000F                            1215+         DS    CL8                 MSGHTIM (SAME)              SM2221 01-MSGHD
000017                            1216+MSGHBKID DS    CL8         BDAM BLOCK ID (FILE RECOVERY)         SM2221 01-MSGHD
00001F                            1217+MSGHDD   DS    CL8         FILE DDNAME (FILE RECOVERY)           SM2221 01-MSGHD
                                  1218+*          MSGHBKID AND MSGHDD OVERLAY MSGHTID-MSGHADDR        SM2221
                                  1219+*                            OR REL. 9 MSGHTID-MSGHBMN         SM2221
000027                            1220+         DS    X                   MSGHLOG (SAME)              SM2221 01-MSGHD
000028                            1221+MSGHMACR DS    BL1         FILE HANDLER MACRO # (FILE RECOVERY)  SM2221 01-MSGHD
                                  1222+*          MSGHMACR OVERLAYS MSGHBLK (MSGHMRDX/MSGHRETN)       SM2221
000029                            1223+         DS    X                   MSGHVMI (SAME)              SM2221 01-MSGHD
                           0002A  1224+MSGHEND   EQU   *                                                   01-MSGHD
                           0002A  1225+MSGHLNTH EQU   MSGHEND-MSGHLEN          LENGTH OF MESSAGE HEADER     01-MSGHD
                                  1226+*
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                   1228           COPY  BTMDSECT                                                  00003200
000000                             1229 BMSG      DSECT                                                          00001000
                                   1230 *                                                                        00002000
                                   1231 *    DSECT FOR MSG ENTRIES CREATED BY BTMSG MACRO FOR TPUMSG &           00003000
                                   1232 *    FEMSGCOD ENTRY OF FEMSG.                      SK/JA 2/76            00004000
                                   1233 *                                                                        00005000
000000                             1234 BMSGENTL DS    C                   ENTRY LENGTH                          00006000
000001                             1235 BMSGCODE DS    C                   MSG CODE                              00007000
000002                             1236 BMSGLEN  DS    C                   MESSAGE TEXT LENGTH                   00008000
000003                             1237 BMSGFLAG DS    C                   FLAG BYTE                             00009000
                          00080    1238 UCB      EQU   X'80'               UCB ID MUST BE INSERTED IN MESSAGE    00010000
000004                             1239 BMSGMSG  DS    0C                  BEGINNING OF MESSAGE TEXT             00011000
                                   1240 *    DESCRIBE VARIBLE PARMAMTER INFO                                     00012000
000004                    00000    1241           ORG   BMSG               BACK UP TO REUSE DSECT                00013000
000000                             1242 BMSGNOPM DS    AL1                 NO OF PARMS/0 IF NONE                 00014000
                                   1243 *FOLLOWING TWO FLDS REPEATED FOR EACH PARM; NOT PRESENT IF NONE         00015000
000001                             1244 BMSGPOFF DS    AL1                 OFFSET TO START OF PARM IN MSG        00016000
000002                             1245 BMSGPLEN DS    AL1                 LEN OF PARM TEXT (FIXED LENGTH)       00017000
                          00002    1246 BMSGPEL  EQU   *-BMSGPOFF          LEN OF FLDS FOR EACH PARM             00018000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98
                                   1248           COPY  MSGQWRK                                                00003400
                                   1249 *                                                                      00001000
                                   1250 *                                                                      00002000
                                   1251 *       WORK AREA FOR MSGCOL                                           00004000
                                   1252 *       ********************                                           00006000
                                   1253 *                                                                      00008000
000000                             1254 MSGQWRK  DSECT                                                        00010000
000000                             1255          DS    18F       SAVE AREA FOR REGISTERS                     00012000
000048                             1256 STORLIST DS    2F        AREA USED BY THE STORAGE ROUTINE            00014000
                             00048 1257 FULL     EQU   STORLIST                                               00014100
000050                             1258 DOUBLE   DS    D         FOR SS CODE CONVERSION        SM1451        00014200
000058                             1259 CALLST   DS    3F        LIST FOR CALL ( +1F FOR STOR.)  ALL         00016000
                             00058 1260 PRTY     EQU   CALLST    PRTY FOR THE DISPATCH ROUTINE   ALL         00018000
                             00058 1261 TRWORK   EQU   CALLST                                                 00018100
000064                             1262 MSGCCALL DS    5F        CALL PARAMETER LIST                         00020000
000078                       0006C 1263          ORG   MSGCCALL+8                                             00020100
00006C                             1264 MRWORD1  DS    F         ADDRESS OF THE MESSAGE FOR MRQMON SB        00020200
000070                             1265 MRWORD2  DS    F         LOCKED TERMINAL REGION ID OR ZERO SB        00020300
000074                       00078 1266          ORG                                                          00020400
000078                             1267 MSGCFILE DS    12F       EXTDSCT AREA FOR FILE HANDLER               00022000
0000A8                             1268 MACLISTS DS    40F       MACRO PARAMETER LIST (LINKPACK)             00023000
000148                             1269 MSGCSTAT DS    F         STATUS WORD USED BY I/O (FHCW)              00024000
00014C                             1270 DISPADR  DS    F         ADDRESS OF THE DISPATCH ENTRY               00026000
000150                             1271 WRITERBN DS    F              ACTUAL RBN TO WRITE                    00036000
000154                             1272 STARTMSG DS    F              ADDR WITHIN MSG FOR CHAIN              00038000
000158                             1273 RBNUSE   DS    F              CURRENT RBN IN CHAIN                   00040000
00015C                             1274 RBNSAV   DS    F              NEXT RBN FOR CHAIN                     00042000
000160                             1275 SCTMNMC  DS    H          MAX NUMBER OF MSG IN CORE Q                00044000
000162                             1276 HALF     DS    H              WORK AREA                              00046000
000164                             1277 LENTH    DS    H              REMAINING LENGTH OF MSG IN CH          00050000
000166                             1278 SEQNCE   DS    XL1            RECORD NUMBER WITHIN CHAIN             00052000
000167                             1279 SWITCH   DS    XL1            SWITCH USED FOR PROCESS LOGIC          00054000
000168                             1280 BLKSIZE  DS    H         BLOCK SIZE                                  00054800
00016A                             1281 SWITCH2  DS    XL1       ADDITIONAL SWITCH 11/15/73                  00055000
00016B                             1282 SWITCH3  DS    XL1       ADDITIONAL SWITCH 3/15/82-RELEASE 9         00055100
00016C                             1283 MACLWRD1 DS    2F        LIST ADDRESSES FOR 127 SNAPS  SM0332        00055200
000174                             1284 SAVEMMN  DS    F         SAVE ASSIGNED MMN NUMBER      SM2042        00055210
000178                             1285 DISKQDDN DS    CL8       DISK QUEUE DDNAME             SM1166        00055300
000180                             1286 WORKTID  DS    CL5       USED FOR TERM IN PMIWTO       SM1451        00055400
000185                             1287 RCD      DS    XL1            RETURN CODE BYTE                  CH   00055500
                                   1288 *                                                                      00056000
                                   1289 *       EQUATES FOR SWITCH                                             00058000
                                   1290 *       ******************                                             00060000
                                   1291 *                                                                      00062000
                             00080 1292 CHANSW   EQU   X'80'          CHAINING PROCESS                       00064000
                             00040 1293 BTAMQ    EQU   X'40'          BTAM QUEUEING                          00066000
                             00020 1294 NOTRAFF  EQU   X'20'          NOT AN OVLY/EXGRP SS              CH   00068000
                             00010 1295 FITNOT   EQU   X'10'          MSG DOES NOT FIT IN BLOCK              00070000
                             00008 1296 CHNOFT   EQU   X'08'          MSG DOES FIT IN BLOCK, CHAIN           00072000
                             00004 1297 RETRY    EQU   X'04'          DISPATCH ALREADY TRIED (DISK Q)        00074000
                             00002 1298 IOERR    EQU   X'02'          I/O ERROR ON DISK                 CH   00076000
                             00001 1299 EDITQ    EQU   X'01'          EDIT-BEFORE-QUEUEING              RB   00076100
                             00186 1300 SIZE     EQU   *-MSGQWRK      LENGTH OF  WORKING STORAGE             00082000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                   1302           COPY  WQEDSECT                                          00003600
000000                             1303 WQE       DSECT                                                  00000000
000000                             1304 WQEFLG    DS    OB          FLAGS                                00000100
000000                             1305 WQELNK    DS    A           POINTER TO NEXT WQE ON LIST.         00000200
000004                             1306 WQEPRI    DS    OB          PRIORITY/OVERLAY                     00000300
000004                             1307 WQECBT    DS    A           ECB ADDRESS OR REAL TIME.            00000400
000008                             1308 WQETHRED  DS    OB          THREAD NUMBER.                       00000500
000008                             1309 WQEADR    DS    A           ADDRESS OF ROUTINE TO DISPATCH.      00000600
00000C                             1310 WQEPRM    DS    A           PARAMETER TO BE PASSED.              00000700
                          00010    1311 WQELEN    EQU   *-WQE                                            00000800
                          00080    1312 CANCFLG   EQU   X'80'       WQE HAS BEEN CANCELLED               00000900
                          00040    1313 DISPFLG   EQU   X'40'       WQE HAS BEEN DISPATCHED              00001000
                          00020    1314 WORKFLG   EQU   X'20'       WQE IS/WAS ON AN EXECUTION QUEUE     00001100
                          00010    1315 LOSTFLG   EQU   X'10'            - UNUSED -                      00001200
                          00008    1316 MARKFLG   EQU   X'08'       INTERNAL ECB-POST VIA INTRNL=IPOST   00001300
                          00004    1317 IYESFLG   EQU   X'04'       INTERNAL ECB (EVENT Q) INTRNL=YES TYPE00001310
                          00002    1318 TIMEFLG   EQU   X'02'       WQE IS/WAS ON TIMER QUEUE            00001400
                          00001    1319 WAITFLG   EQU   X'01'       EXTERNAL (SYSTEM) ECB-ON EVENT QUEUE 00001500
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM H V 02 15.46 09/01/98

                                  1321           COPY   RMDSECTS                                                    00003800
                                  1322 *                                                                            00000000
                                  1323 *                      RESOURCE CONTROL BLOCK                                00000100
                                  1324 *                                                                            00000200
000000                            1325 RCB       DSECT                                                              00000300
000000                            1326 RCBPTR    DS     H                  OFFSET FROM RCBTABLE TO THIS RCB'S       00000400
                                  1327 *                                   SUCCESSOR. S(RCB).                       00000500
000002                            1328 RCBPRED   DS     H                  OFFSET FROM RCBTABLE TO THIS RCB'S       00000600
                                  1329 *                                   PREDECESSOR. P(RCB).                     00000700
000004                            1330 RCBCONWD  DS     H                 OFFSET (IN DBLEWRDS) OF BLOKCON     JP   00000800
                                  1331 *                                  FROM START OF POOLBLOCK              JP   00000900
000006                            1332 RCBFLGS   DS     C                  FLAG BYTE.                               00001000
                           00080  1333 RCBDYNL   EQU    X'80'          IT'S A DYNAMIC LOADED SUBROUTINE RCB   AWU  00001002
                           00040  1334 RCBDDQ    EQU    X'40'              IT'S A DYNAMIC DATA QUEUE RCB      MM   00001004
                           00020  1335 RCBPART   EQU    X'20'              PART OF THIS BLOCK HAS BEEN FREED       00001005
                                  1336 *                                   OR PASSED. IT'S NO LONGER ELIGIBLE      00001010
                                  1337 *                                   FOR DETAIL CORE ACCOUNTING.             00001015
                           00010  1338 RCBCORE   EQU    X'10'                                                      00001050
                           00008  1339 RCBSYSNQ  EQU    X'08'              IT'S A SYSTEM NQ.                       00001055
                           00004  1340 RCBFILE   EQU    X'04'              IT'S A FILE RCB.                        00001100
                           00002  1341 RCBNQ     EQU    X'02'              IT'S AN NQ RCB.                         00001200
                           00001  1342 RCBPOOL   EQU    X'01'              IT'S A POOL-BLOCK RCB.                  00001300
000007                            1343 RCBSP     DS     OCL1               SUBPOOL NUMBER                PTF566    00001400
000007                            1344 RCBTHRED  DS     CL1                THREAD NUMBER                 PTF566    00001450
000008                            1345 RCBLEN    DS     F                       BLOCK LENGTH.                      00001500
                           00008  1346 RCBIDSCT  EQU    RCBLEN             POINTER TO INTERNAL DSCT.               00001540
                           00008  1347 RCBNQCHN  EQU    RCBLEN             ADDRESS OF CHAIN POINTER/ECB FOR NQ.    00001550
                           00008  1348 RCBQLBAD  EQU    RCBLEN             ADD. OF QLB IF A DDQ RCB          MM    00001560
00000C                            1349 RCBADD    DS     F                       BLOCK ADDRESS.                     00001600
000010                            1350 RCBLINK   DS     F                       ADDRESS FROM WHICH REQUEST FOR     00001700
                                  1351 *                                        RESOURCE WAS MADE.                 00001800
                           00014  1352 RCBENTL   EQU    *-RCB                   LENGTH OF RCB.                     00001900
                                  1353 *                                                                            00002000
                                  1354 *                      DSECT FOR THREAD TABLE ENTRY                          00002100
                                  1355 *                                                                            00002200
000000                            1356 THREAD    DSECT                                                              00002300
000000                            1357 THREADPT  DS     H                  OFFSET FROM RESOURCE TABLE START TO      00002400
                                  1358 *                                   FIRST RCB IN CHAIN.                      00002500
000002                            1359 THREADND  DS     H                  OFFSET FROM RESOURCE TABLE START TO      00002600
                                  1360 *                                   LAST RCB IN CHAIN                        00002700
000004                            1361 THREADSS  DS     H                  SUBCODE.                                 00002750
000006                            1362 THREADFL  DS     H                  UNUSED FLAG BYTES                 DFK    00002770
                           00008  1363 THREADLN  EQU    *-THREAD           LENGTH OF THREAD TABLE ENTRY.            00002800
                                  1364 *                      EQUATES FOR THREAD STATUS INDICATORS (SET IN          00002805
                                  1365 *                      THREAD STATUS TABLE 'TSTATAB' IN SYSTEM CONTROLLER)   00002810
                                  1366 *                                                                            00002815
                           00001  1367 THACTIVE  EQU    1                  THREAD ACTIVE.                           00002820
                           00002  1368 THDISABL  EQU    2                  THREAD DISABLED FOR PURGE.               00002825
                           00004  1369 THHUNG    EQU    4                  THREAD HUNG                       SM2095 00002826
                           00010  1370 THPURGE   EQU    16                 PURGE OF THREAD UNDER WAY.               00002830
                           00017  1371 THBMAX    EQU    THACTIVE+THDISABL+THHUNG+THPURGE                    SM2095 00002835
                                  1372 *                                                                            00002900
                                  1373 *                      DSECT FOR DOUBLEWORD OF CONTROL INFO FOR POOL BLOCK   00003000
                                  1374 *                                                                            00003100
                                  1375 *                      1) WHEN BLOCK IS FREE                                 00003200
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM H V 02 15.46 09/01/98

                                   1376 *                                                                          00003300
000000                             1377 BLOKCON  DSECT                                                             00003400
000000                             1378 BLOKPTR  DS    F                 ABSOLUTE ADDRESS OF NEXT FREE OR O.       00003500
000004                             1379 BLOKCHN  DS    H                 OFFSET FM ICOMCHN TO CHAIN POINTER        00003600
000006                             1380 BLOKLEN  DS    H                 LENGTH OF BLOCK (IN DBLEWRDS).  OOMD      00003700
                            00008  1381 BLOKENTL EQU   *-BLOKCON                                                    00003800
                                   1382 *                                                                          00003900
                                   1383 *                    2) WHEN BLOCK IS IN USE                               00004000
                                   1384 *                                                                          00004100
000008                      00000  1385          ORG   BLOKCON                                                     00004200
000000                             1386 BLOKCNT  DS    H                 NUM OF DBLEWRDS IN USE IN BLOCK   JP      00004300
000002                             1387 BLOKRCB  DS    H                 POINTER TO RCB.                           00004400
                                   1388 *                                NEXT 2 HALFWRDS SAME AS FREE  XMO871      00004450
                                   1389 *                                                                          00004500
                                   1390 *                    RCBTABLE DSECT                                        00004600
                                   1391 *                                                                          00004700
000000                             1392 THREADS  DSECT                                                             00004800
000000                             1393          DS    H                                                         00004900
000002                             1394 RCBFREE  DS    H                       POINTER TO 1ST FREE RCB.            00005000
000004                             1395 THREADTB DS    (256*THREADLN)C         THREAD-TABLE.                       00005100
                            00804  1396 RCB1     EQU   *                       START OF SPACE FOR RCB'S.           00005200
                                   1397 *                                                                 SM2204   00005210
                                   1398 *                    STATISTICS GATHERING DSECTS                  SM2204   00005220
                                   1399 *                                                                 SM2204   00005230
000000                             1400 STATSECT DSECT                   RESOURCE MGMNT STATISTICS.                00005300
000000                             1401 STATASK  DS    F          TOTAL DOUBLEWORDS REQUESTED - 24/31     XMO871   00005350
000004                             1402 STATREQ  DS    F          TOTAL STORAGE REQUESTS - 24/31          XMO871   00005400
000008                             1403 STATGOT  DS    F          TOTAL DOUBLEWORDS GRANTED - 24/31       XMO871   00005600
00000C                             1404 STATWRKP DS    F          DBLEWDS OUTSTANDING THIS INTERVAL-24/31 XMO871   00005602
000010                             1405 STATHIGP DS    F          HIGH OUTSTANDING DBLWDS-INTERVAL-24/31  XMO871   00005606
000014                             1406 STATHIGR DS    F          HIGHEST OUTSTANDING DBLEWDS - RUN-24/31 XMO871   00005608
                                   1407 *                     24-AMODE STORAGE STATS                       XMO871   00005609
000018                             1408 STAT24D  DS    F          # 24-AMODE GETMAIN'D DBLWDS IN USE      XMO871   00005610
00001C                             1409 STAT24G  DS    F          # 24-AMODE STORAGE REQUESTS              XMO871   00005620
000020                             1410 STAT24H  DS    F          HI CONCURRENT 24-AMODE GETMAIN DBLWDS   XMO871   00005630
000024                             1411 STATPOOL DS    F          # DBLEWDS OBTAINED FROM POOLS - 24-A.    XMO871   00005700
000028                             1412 STATPBLK DS    F          # POOL DBLEWDS NOT AVAILABLE - 24-A.     XMO871   00005750
00002C                             1413 STATPREQ DS    F          # REQUESTS SATISFIED FROM POOLS - 24-A.  XMO871   00005800
000030                             1414 STATWAST DS    F          # DBLEWDS WASTED IN POOL BLOCKS - 24-A.  XMO871   00006000
000034                             1415 STATFCNT DS    F          TOTAL DOUBLEWORDS FREED - 24/31         XMO871   00006150
000038                             1416 STATFREE DS    F          TOTAL STORFREE REQUESTS - 24/31         XMO871   00006200
00003C                             1417 STATPFRE DS    F          # OF POOL BLOCK FREES - 24-A.           XMO871   00006350
000040                             1418 STATNOPL DS    F          # OF POOL-SIZED REQUESTS THAT COULDN'T  XMO871   00006400
                                   1419 *                     BE SATISFIED BECAUSE ALL BLOCKS IN USE - 24-A. XMO871 00006500
000044                             1420 STATQFRE DS    F          TOTAL EASY FREES - 24/31                XMO871   00006630
000048                             1421 STATSTEP DS    F          NUMBER OF LOOKS DOWN CHAINS - 24/31     XMO871   00006640
00004C                             1422 STATFAIL DS    H          TOTAL STORAGE REQUEST FAILURES - 24/31  XMO871   00006700
00004E                             1423 STATRLOC DS    H                  # OF TIMES RCBTABLE RELOCATED.           00006900
                                   1424 *                     31-AMODE STORAGE STATS                       SM2204   00007000
000050                             1425 STAT31D  DS    F          # 31-AMODE GETMAIN'D DBLWDS IN USE      XMO871   00007010
000054                             1426 STAT31G  DS    F          # 31-AMODE STORAGE REQUESTS              XMO871   00007020
000058                             1427 STAT31H  DS    F          HI CONCURRENT 31-AMODE GETMAIN DBLWDS   XMO871   00007030
00005C                             1428 STATP31  DS    F          # DBLEWDS OBTAINED FROM POOLS - 31-A.    XMO871   00007040
000060                             1429 STATP31B DS    F          # POOL DBLEWDS NOT AVAILABLE - 31-A.     XMO871   00007050
000064                             1430 STATP31R DS    F          # REQUESTS SATISFIED FROM POOLS - 31-A.  XMO871   00007060
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM H V 02 15.46 09/01/98

000068                           1431 STATP31W DS    F         # DBLEWDS WASTED IN POOL BLOCKS - 31-A. XM0871 00007070
00006C                           1432 STATP31F DS    F         # OF POOL BLOCK FREES - 31-A.           XM0871 00007080
000070                           1433 STATP31N DS    F         # OF POOL-SIZED REQUESTS THAT COULDN'T  XM0871 00007090
                                 1434 *                   BE SATISFIED BECAUSE ALL BLOCKS IN USE - 31-A. XM0871 00007091
000074                           1435          DS    OF                                                      00007100
                          00074  1436 STATLEN  EQU   *-STATSECT          LENGTH OF STATISTICS TABLE.          00007200
                                 1437 *                                                              SM2204 00007210
000000                           1438 ACCTAB   DSECT                                                     00007300
000000                           1439 ACCBUCK  DS    F                  BUCKET SIZE.                   OOMD 00007400
000004                           1440 ACCMIN   DS    H                  MINIMUM CONCURRENCY.                00007500
000006                           1441 ACCDUM   DS    H                  DUMMY HALFWORD FOR ALIGNMENT   OOMD 00007550
000008                           1442 ACCMAX   DS    H                  MAXIMUM CONCURRENCY.                00007600
00000A                           1443 ACCNOW   DS    H                  PRESENT CONCURRENCY.                00007700
00000C                           1444 ACCREQ   DS    F                  TOTAL NUMBER OF REQUESTS FOR CORE.  00007800
000010                           1445 ACCSUM   DS    F                  SUM OF CONCURRENCIES FOR MEAN.      00007850
                          00014  1446 ACCEND   EQU   *                                                     00007900
                          00014  1447 ACCENTL  EQU   ACCEND-ACCTAB                                         00007950
                          00006  1448 ACCHWD   EQU   (ACCEND-ACCMAX)/2                                     00008000
                                 1449 *                                                                  00008001
000000                           1450 POOLACC  DSECT                                                     00008002
000000                           1451 POOLCHN  DS    H                  OFFSET TO FREE CHAIN FOR POOL XM0871 00008010
000002                           1452 POOLLEN  DS    H                  POOL BLOCK LENGTH/8 (DBWDS)   XM0871 00008020
000004                           1453 POOLNUM  DS    F                  NUMBER OF BLOCKS IN THIS POOL XM0871 00008030
000008                           1454 POOLREQ  DS    F                  NUMBER OF REQUESTS THAT FIT POOL     00008040
00000C                           1455 POOLFAIL DS    F                  NUMBER OF FAILURES.                  00008050
000010                           1456 POOLALLO DS    F                  AMOUNT ALLOCATED.                    00008060
000014                           1457 POOLFREE DS    F                  NUMBER OF FREE BLOCKS.               00008070
                          00018  1458 POOLACLN EQU   *-POOLACC                                              00008080


                                 1460          COPY  CORACCT                                                00004000
                                 1461 *   DSECT USED TO ADDRESS COREACCT CSECT                         DR 00000100
                                 1462 *                                                               DR 00000200
000000                           1463 CORACCT  DSECT                                                  DR 00000300
000000                           1464 ENDVALUE DS    F                  LARGEST BUCKET SPECIFIED      DR 00000400
000004                           1465 TOVALUE  DS    F                  LARGEST BUCKET IN RANGE       DR 00000500
000008                           1466 ASTEPEND DS    A                  ADDRESS OF TOVALUE            DR 00000600
00000C                           1467 BY       DS    A                  INCREMENT                     DR 00000700
000010                           1468 ENTLEN   DS    H                  LENGTH OF BUCKET              DR 00000800
000012                           1469 CA       DS    CL2                CONSTANT USED FOR POOLSTRT    DR 00000900
000014                           1470 ACCTBEND DS    A                  ADDRESS OF CATCH-ALL BUCKET   DR 00001000
000018                           1471 ACCAVER  DS    F                  # TIMES AVERAGED              DR 00001100
00001C                           1472 ACCTABLE DS    OF                 START OF BUCKETS              DR 00001200
                          0001C  1473 CORLEN   EQU   *-CORACCT                                        DR 00001300
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                   1475           COPY  NQDSECTS                                                  00004200
000000                             1476 WORKSECT  DSECT                                                          00001000
000000                             1477           DS    18F                                                      00002000
000048                             1478 GETADDR   DS    F                                                        00003000
00004C                             1479 PARMO     DS    OF                                                       00004000
00004C                             1480 PARMTIME  DS    H                                                        00005000
00004E                             1481 PARMOPT   DS    B                                                        00006000
                           00080   1482 PARMSYS   EQU   X'80'                                                    00007000
                           00040   1483 PARMCANC  EQU   X'40'                                                    00008000
                           00020   1484 PARMTEST  EQU   X'20'          "TEST" ENQUEUE OPTION                 RB 00009000
                           00010   1485 PARMCHNG  EQU   X'10'          CHANGE=YES SPECIFIED                  SK 00010000
                           00008   1486 PARMSHRE  EQU   X'08'          OS SHARED CONTROL REQUESTED           JP 00010100
                           00004   1487 PARMNQCH  EQU   X'04'          CHANGE OS SHR TO OS EXCL CNTL         JP 00010200
                           00002   1488 PARMRLEN  EQU   X'02'          RLEN=  CODED ON MACRO (VERS 9)        JP 00010300
00004F                             1489 PARMSHR   DS    B                                                        00011000
000050                             1490 RESLENG   DS    X             LENGTH OF RESOURCE NAME                 JP 00011100
000054                             1491 LIST      DS    4F                                                       00012000
000064                             1492 CHNCHAIN  DS    F       ADDRESS OF NEXT CHAIN ELEMENT                    00013000
000068                             1493 CHNECB    DS    F       WAIT-ECB                                         00014000
00006C                             1494 RCBSAVE   DS    H             RCB OFFSET FOR THIS REQUEST       SM0355 00014020
00006E                             1495 NQSW1     DS    B       SWITCH BYTE                                 SB 00014100
                           00080   1496 NQENQSW   EQU   X'80'    NQ IN TIME WAIT FOR SYSTEM ENQ              SB 00014110
                           00040   1497 NQTMEOUT  EQU   X'40'        ENTRY WAS THRU TIMEOUT                SM2157 00014120
00006F                             1498 UNPKAREA  DS    9C                                                   RB 00015000
000078                             1499 ICOMNAME  DS    CL8                                                PTF027 00016000
                                   1500 *                                                                        00017000
                           00080   1501 WORKLEN   EQU   *-WORKSECT                                               00018000


000000                             1503 ELMDSECT  DSECT                                                          00020000
000000                             1504 ELMRESOR  DS    CL44      RESOURCE IDENTIFIER                       JP 00021000
00002C                             1505 ELMNEXT   DS    F         POINTER TO NEXT CHAINED ELEMENT                 00022000
000030                             1506 ELMPRIOR  DS    F         POINTER TO PRIOR CHAINED ELEMENT                00023000
000034                             1507 ELMCHN    DS    F         ADDRESS OF FIRST CHAIN-ELEMENT                  00024000
                                   1508 *                         FOR WAITING ENQUEUES.                          00025000
000038                             1509 ELMR14    DS    F         R14 OF LAST CALLER OF ENQUEUE                   00026000
00003C                             1510 ELMWQE    DS    A         ADDRESS OF TIMEOUT WQE                          00027000
000040                             1511 ELMAXSHR  DS    B         MAXIMUM SHARE COUNT FOR THIS RESOURCE           00028000
000041                             1512 ELMSHARE  DS    B         CURRENT SHARE COUNT FOR THIS RESOURCE           00029000
000042                             1513 ELMSYSCT  DS    B         COUNT OF SYSTEM ENQUEUES IN EFFECT              00030000
000043                             1514 ELMWAIT   DS    B         COUNT OF ENQUEUES WAITING                       00031000
000044                             1515 ELMFLAG   DS    B         FLAG BYTE                                 JP 00031100
                           00080   1516 ELMSHR    EQU   X'80'     ICOM HAS OS SHARED CONTROL OF RESOURCE     JP 00031300
                           00040   1517 ELMEXCL   EQU   X'40'     ICOM HAS OS EXCLUSIVE CONTROL             JP 00031400
000045                             1518 ELMLENG   DS    X               RESOURCE LENGTH (1 - 44)            JP 00031500
000048                             1519           DS    OD                                                       00032000
                           00048   1520 ELMLEN    EQU   *-ELMDSECT                                              00033000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                   1523           COPY  IXFDSECT                                                  00004400
000000                             1524 SCHDSECT  DSECT                 FILEHANDLER WORKING STORAGE.              00000000
000000                             1525 SCHSAVE   DS    18F             SAVE AREA.                                00001000
                             000E5 1526 VSAMREQ   EQU   C'V'            VSAM REQUEST FOR DFA                  DR  00001500
000048                             1527 QDSCT     DS    A(IXFDSCTA)     ADD OF TABLE OF DSCT'S                    00002000
00004C                             1528 QSAVE     DS    A(0)            AMIGOS OPEN SAVE AREA.                    00008000
000050                             1529 XSAVE     DS    4F              SAVE FOR REGISTERS DURING OVERLAP.        00011000
                             00054 1530 BUFLEN    EQU   XSAVE+4         SAVE BUUFER LENGTH FOR ISAM FREE.         00011500
                             00050 1531 STORADDR  EQU   XSAVE           ADDRESS OF STORAGE OBTAINED.              00020000
                             00080 1532 VSDS      EQU   X'80'           INV. RELEASE OPTION FOR VSAM DS       DR  00020100
                             00008 1533 VSAMSTOR  EQU   X'08'           STORAGE FOR VSAM WA                   DR  00020200
000060                             1534 USRSPA    DS    A(0)            SPALIST ADD.                              00021000
000064                             1535 FRHEAD    DS    F               ADDRESS OF LOG MESSAGE HEADER.            00022000
000068                             1536 FRTEXT    DS    F               ADDRESS OF LOG MESSAGE TEXT.              00023000
                             00001 1537 FRDYN     EQU   X'01'           MESSAGE HEADER IS DYNAMIC.                00024000
00006C                             1538 SAVER14   DS    F               1ST LEVEL LINK REG SAVE.                  00025000
000070                             1539 SAVER14B  DS    F               2ND LEVEL LINK REG SAVE.                  00026000
000074                             1540 PARMLIST  DS    OF        MOVED FROM USER AREA TO SAVEAREA AT ENTRY   SK  00026100
000074                             1541 PARMDDNM  DS    F               DDNAME OR DYNAMIC DSCT                SK  00026200
000078                             1542 PARMSTAT  DS    F               STATUS FIELD                          SK  00026300
00007C                             1543 PARMAREA  DS    F               I/O AREA                              SK  00026400
000080                             1544 PARMRKEY  DS    F               KEY (OS OR VSAM) / RBA (VSAM)         SK  00026500
000084                             1545 PARMRBLK  DS    F               RBN (BDAM)                            SK  00026600
000088                             1546 PARMFDBK  DS    F               FEEDBACK (NOT USED)                   SK  00026700
                             00018 1547 PARMLEN   EQU   *-PARMLIST       MAXIMUM LENGTH OF PARAMETERS          SK  00026800
00008C                             1548 SWITCH    DS    B               INTRA-CALL SWITCHES.                      00026900
   IEV043  *** ERROR ***  PREVIOUSLY DEFINED SYMBOL  --  SWITCH
                             00040 1549 GOTDSCT   EQU   X'40'           SRCHDSCT FOUND DSCT                   SK  00027000
                             00020 1550 VSQISAM   EQU   X'20'           GETTING QISAM DELETED RECORDS         SK  00027200
                             00010 1551 DUPLEXIO  EQU   X'10'           CALL IS ELIGIBLE FOR DUPLEX IO        SK  00027300
                             00008 1552 B37       EQU   X'08'           A B37 ABEND HAS OCURRED               SK  00027400
                             00004 1553 B37RETRY  EQU   X'04'           RETRIED AFTER B37 RECOVERY            SK  00027500
                             00002 1554 VSMVEMOD  EQU   X'02'           VSAM OPERATING IN MOVE MODE           JP  00027600
                             00002 1555 BOFREQ    EQU   X'02'           SET BY IXFLOG IF BOF USED          SM2146 00027610
                             00001 1556 LOGSW     EQU   X'01'           DONT LOG THIS BEFORE IMAGE         SM0658 00027700
00008D                             1557 PARMCT    DS    C               NUMBER OF PARAMETERS PASSED.          SK  00027800
00008E                             1558           DS    H               RESERVED                              SK  00027900
000090                             1559 SPASEX    DS    A(0)            SPA EXTENSION ADDRESS.                    00028000
000094                             1560 ALPHASAV  DS    16F             SAVE REGS FOR ALFA FIDDLE.                00028100
                             0009C 1561 ENQAREA   EQU   ALPHASAV+8      16 BYTE ENQ/DEQ AREA                  RB  00028200
                             000AC 1562 BDAMSAVE  EQU   ENQAREA+16      SAVE AREA FOR REGISTERS 14,15,0,1     SB  00028300
                             000BC 1563 BDAMR14   EQU   BDAMSAVE+4*4    SAVE R14 WITHIN BDAM SUBROUTINES      SB  00028400
                             00094 1564 LOGSAVE   EQU   ALPHASAV        SAVE AREA FOR IXFLOG                      00029000
                             00094 1565 SCHCATLS  EQU   ALPHASAV        USED BY DYNAMIC-ALLOCATION            RB  00029100
                             00094 1566 SCHDCB    EQU   ALPHASAV        USED BY DYNAMIC-ALLOCATION            RB  00029200
                             0004C 1567 SCHTIOT   EQU   QSAVE           USED BY DYNAMIC-ALLOCATION            RB  00029300
                             0004C 1568 SCHRDJFC  EQU   QSAVE           USED BY DYNAMIC-ALLOCATION            RB  00029400
                             000B4 1569 JFCBDTSV  EQU   ALPHASAV+32     S/A FOR RECFM, SPACE PARMS (MVS)          00029500
                             000D4 1570 SCHPARML  EQU   *-SCHSAVE       LENGTH                                    00030000
0000D4                             1571 SCHPARM   DS    4F'0'           PARAMETERS.                               00031000
                             000E4 1572 SCHARGUM  EQU   *-SCHSAVE                                                 00032000
0000E4                             1573 SCHARGM   DS    6F'0'                                                     00033000
0000FC                             1574 SAVEITCB  DS    OF              SAVE ITCB ADDRESS IF GOTTEN        SM2052 00033050
0000FC                             1575 TRKSAVE   DS    4F                                                    RB  00033100
00010C                             1576 XSAVE2    DS    F                                                  SM0581 00033500
```

```
  LOC  OBJECT CODE     ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

000110                             1577 DPLXDSCT DS     F                 POINTER TO DUPLEX INTERNAL DSCT    MR 00033600
000114                             1578 DPLXFHCW DS     F                 DUPLEX I/O CONTROL-WORD            MR 00033700
000118                             1579 RCRSVLST DS     OA                RECURSIVE PARAMETER-LIST           MR 00033800
000118                             1580 RCRSDDNM DS     OA                POINTER TO DDNAME                  MR 00033900
000118                             1581 RCRSDSCT DS     A                 POINTER TO EXTERNAL DSCT           MR 00034000
00011C                             1582 RCRSFHCW DS     A                 POINTER TO CONTROL-WORD            MR 00034100
000120                             1583 RCRSAREA DS     A                 POINTER TO I/O AREA OR DDNAME      MR 00034200
                            0000C  1584 RCRSLSTL EQU    *-RCRSVLST        PARAMETER-LIST LENGTH              MR 00034400
000124                             1585 SAVER14C DS     F                 ADDITIONAL R14 SAVE AREA       SM1457 00034410
                            0004A  1586 SCHWDS   EQU    (*-SCHSAVE)/4                                             00034500



                                   1588          IXFDSCTA                                                       00004600
                                   1589+         PRINT NOGEN                                                 MK 01-IXFDS
                                   1594+         PRINT GEN                                                   MK 01-IXFDS
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98
000000                           1596+IXFDSCTA DSECT                                                    01-IXFDS
                                 1597+*
                                 1598+*STATUS - CHANGED FOR INTERCOMM RELEASE 9.0 - 12/82 - VSAM, LSR, ETC.
                                 1599+*
                                 1600+*FUNCTION/OPERATION-  THE DATA SET CONTROL TABLE CONTAINS ONE ENTRY
                                 1601+*    FOR EACH DDNAME CORRESPONDING TO A SUPPORTABLE DATA SET.  THE
                                 1602+*    ENTRIES ARE CONSTRUCTED BY MODULE IXFMONOO WHEN CALLED DURING
                                 1603+*    STEP INITIALIZATION.  ALL CONTROL AND STATUS INFORMATION FOR EACH
                                 1604+*    DATA SET IS STORED IN THE DSCT ENTRY DURING EXECUTION.
                                 1605+*
                                 1606+*NOTES-  THIS MODULE MUST BE RESIDENT THROUGHOUT ALL SYSTEM OPERATIONS.
                                 1607+*    SIMULTANEOUS USAGE OF THE SAME ENTRY BY TWO OR MORE TASKS MUST BE
                                 1608+*    PREVENTED BY ISSUING ENQ(OR DEQ) WITH QNAME=IXFMONO1,RNAME=DDNAME,
                                 1609+*    AND STEP OPTION, BEFORE(OR AFTER) REFERENCE TO THE ENTRY
                                 1610+*    CORRESPONDING TO THE DDNAME.  SHARED CONTROL MAY BE REQUESTED
                                 1611+*    IF THE DATA SET IS READ-ONLY AND ALWAYS READ BY KEY.
                                 1612+*
                                 1613+*


                          00014  1615+MAXFILES EQU   20                    MAXIMUM NUMBER OF FILES          01-IXFDS
000000 0000                      1616+          DC    H'0'                  NUMBER OF ENTRIES CONSTRUCTED    01-IXFDS
000002 0014                      1617+          DC    Y(MAXFILES)           NUMBER OF ENTRIES ALLOWED        01-IXFDS
000004 00000000                  1618+          DC    XL4'00000000'         OPTIONS                          01-IXFDS
000008 00000000                  1619+FABADD    DC    A(0)            ADD OF FAB BLOCK.                      01-IXFDS
00000C                           1620+DSCTNTRY  DS    0F                    BEGINNING OF ENTRIES             01-IXFDS


                                 1622+*   DATA SET CONTROL TABLE DSECT
000000                           1623+DSCT      DSECT                                                        01-IXFDS
000000                           1624+DSCTDDNM  DS    0CL8                  DDNAME IF INTERNAL DSCT          01-IXFDS
                          0003F  1625+DSCTDYNM  EQU   X'3F'                  FIRST BYTE OF DYNAMIC DSCT       01-IXFDS
                          0001F  1626+DSCTRVSE  EQU   X'1F'           DYNAMIC DSCT BELONGS TO FILE REVRSE     01-IXFDS
000000                           1627+DSCTADDR  DS    A                     POINTER TO INTERNAL DSCT         01-IXFDS
000004                           1628+DSCTPROV  DS    0XL1            PRI/OVLY OF I/O REQUEST CALLER  OOMD 01-IXFDS
000004                           1629+DSCTLINK  DS    A                     POINTER TO NEXT DYNAMIC DSCT     01-IXFDS
000008                           1630+DSCTACB   DS    0A              ADDRESS OF VSAM ACB (I)           SK 01-IXFDS
000008                           1631+DSCTDCBQ  DS    A                     ADDRESS OF QSAM OR QISAM DCB     01-IXFDS
                          00008  1632+DSCTWQE   EQU   DSCTDCBQ          HOLDS WQE ADDR DURING FILE ACCESS.      01-IXFDS
00000C                           1633+DSCTDCBS  DS    0A                    ADDRESS OF BSAM OR BISAM DCB     01-IXFDS
00000C                           1634+DSCTDCBD  DS    0A              BDAM DCB ADDRESS                  SK 01-IXFDS
00000C                           1635+DSCTXCTR  DS    H               COUNTER - CONCURRENT GET-UPDATE   SKXO1-IXFDS
                                    +                                 TO SAME CONTROL INTERVAL - VSAM   SK
00000E                           1636+DSCTSTRN  DS    H               COUNTER - EXCEEDED STRNO - VSAM   SK 01-IXFDS
000010                           1637+DSCTRPL   DS    0A              ADDRESS OF VSAM RPL (D)           SK 01-IXFDS
000010                           1638+DSCTDECB  DS    A                     ADDRESS OF DECB                  01-IXFDS
                          00010  1639+DSCTALAD  EQU   DSCTDECB          ADDRESS OF ALIAS DSCT.                  01-IXFDS
                                 1640+*   BIT 0 OF ADDRESSES INDICATES ACTIVE ENTRY
                                 1641+*     BIT 4 OF ADDRESSES INDICATES BDAM BUFFER SAVED            SM1214
000014                           1642+DSCTFLG6  DS    0B                FLAG BYTE 6 (VSAM)                JP 01-IXFDS
                                 1643+*                 DSCTFLG6:  I - MEANING WHEN SET IN INTERNAL DSCT JP
                                 1644+*                            E - MEANING WHEN SET IN EXTERNAL DSCT JP
                          00080  1645+DSCTRRDS  EQU   X'80'             VSAM RELATIVE RECORD DATA SET (I,E)JP 01-IXFDS
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                           00040  1646+DSCTSH02 EQU   X'40'              VSAM CRS ON, SHR OPT 2 DS (I,E) JP 01-IXFDS
                           00020  1647+DSCTSH04 EQU   X'20'              VSAM CRS ON, SHR OPT 4 DS (I,E) JP 01-IXFDS
                           00010  1648+DSCTNRF  EQU   X'10'         SHROPT2: GET ON SHR FILE, NO REC FOUND JP 01-IXFDS
                                  1649+*                            E ONLY                              JP
                           00010  1650+DSCTENRQ EQU   X'10'         SHROPT4: ENDREQ AT RELEASE REQUIRED    JP 01-IXFDS
                                  1651+*                                E ONLY                          JP
                           00008  1652+DSCTVSSH EQU   X'08'                BIT 4 ON - WE HAVE SHR CONTROL  JP 01-IXFDS
                           00004  1653+DSCTVSEX EQU   X'04'                BIT 5 ON - WE HAVE EXCL CNTRL  SM2032 01-IXFDS
                                  1654+*        DSCTVSSH & DSCTVSEX: I - THIS REGION IS ENQUED ON RESOURCE  JP
                                  1655+*                             E - THIS THREAD SHARES THE ENQUE       JP
000014                            1656+DSCTALST DS    0A                   ADDR OF MVS ALOC LIST           JP 01-IXFDS
000014                            1657+DSCTENQ  DS    A                 ADDRESS OF ENQ ELEMENT             SB 01-IXFDS
000018                            1658+DSCTVTHD DS    0X          VSAMCRS-THREAD NO OWNING VSAM EXCL CTL ENQ JP 01-IXFDS
000018                            1659+DSCTVDSN DS    0A                   VSAMCRS - ADDR OF VSAM DSN      JP 01-IXFDS
000018                            1660+DSCTBUFR DS    A                         LAST GET/PUT BUFFER ADDRESS    01-IXFDS
00001C                            1661+DSCTFLGS DS    B                         STATUS AND TYPE BITS AS FOLLOWS 01-IXFDS
                           00080  1662+DSCTDALC EQU   X'80'                FILE IS DYNAMICALLY ALLOCATED    RB 01-IXFDS
                           00040  1663+DSCTRDON EQU   X'40'                      FILE IS READ-ONLY            01-IXFDS
                           00020  1664+DSCTNEWM EQU   X'20'                      FILE DISP IS NEW OR MOD      01-IXFDS
                           00010  1665+DSCTDUMY EQU   X'10'                      FILE IS A DUMMY DATA SET     01-IXFDS
                           00008  1666+DSCTPSAM EQU   X'08'                      FILE IS PHYSICAL SEQUENTIAL  01-IXFDS
                           00004  1667+DSCTISAM EQU   X'04'                      FILE IS INDEXED SEQUENTIAL   01-IXFDS
                           00002  1668+DSCTBDAM EQU   X'02'                      FILE IS DIRECT               01-IXFDS
                           00001  1669+DSCTTAPE EQU   X'01'                      FILE IS NON-REUSABLE         01-IXFDS
                           00005  1670+DSCTAMIG EQU   DSCTISAM+DSCTTAPE          FILE IS IAM                  01-IXFDS



00001D                            1672+DSCTCTRL DS    B                         CONTROL BITS AS FOLLOWS      01-IXFDS
                           00080  1673+DSCTGETL EQU   X'80'                      LAST Q-FUNCTION WAS GET      01-IXFDS
                           00040  1674+DSCTPUTL EQU   X'40'                      LAST Q-FUNCTION WAS PUT      01-IXFDS
                           00020  1675+DSCTREDL EQU   X'20'                      LAST B-FUNCTION WAS READ     01-IXFDS
                           00010  1676+DSCTWRTL EQU   X'10'                      LAST B-FUNCTION WAS WRITE    01-IXFDS
                           00008  1677+DSCTSETL EQU   X'08'                      SETL ISSUED, ESETL REQUIRED  01-IXFDS
                           00004  1678+DSCTXCTL EQU   X'04'                      LAST REC IN EXCLUSIVE CONTROL 01-IXFDS
                           00002  1679+DSCTIOER EQU   X'02'                      SYN POSTED BY SYNRTN         01-IXFDS
                           00001  1680+DSCTEODS EQU   X'01'                      EOD POSTED BY EODRTN, OR    XO1-IXFDS
                                    +                                           NO REC FOUND POSTED BY SYNRTN
00001E                            1681+DSCTAMGB DS    0H                        AMIGOS BLOCKSIZE             01-IXFDS
00001E                            1682+DSCTBLOK DS    0CL8                 BLOCK ID.                         01-IXFDS
00001E                            1683+DSCTREC  DS    H                    RECORD SIZE.                      01-IXFDS
000020                            1684+DSCTVRBA DS    0F                   VSAM RBA                       SK 01-IXFDS
                                  1685+***      FIELDS USED TO SUPPORT THE "NCPWAIT" FEATURE            SM1004
                                  1686+***      BY MAINTAINING A CHRONOLOGICAL I/O CHAIN OF DSCT'S      SM1004
000020                            1687+DSCTIONX DS    0A                   ADDR OF NEXT DSCT IN I/O CHAIN   01-IXFDS
000020                            1688+DSCTIONO DS    0XL1                 NO. OF CURRENT I/O OPERATIONS SM1004 01-IXFDS
                                  1689+***                                                           SM1004
000020                            1690+DSCTKEYL DS    C                    KEYLENGTH.                        01-IXFDS
000021                            1691+DSCTFMT  DS    B                    RECORD FORMAT.                    01-IXFDS
000022                            1692+DSCTRKP  DS    H                    OPTION CODE.                      01-IXFDS
000024                            1693+DSCTOPTC DS    B                    OPTION CODE.                      01-IXFDS
000025                            1694+DSCTDUPL DS    B                    INDEX TO A DUPLEX DSCT (REL TO 1) SK 01-IXFDS
                           00026  1695+DSCTDLTH EQU   *-DSCT                                                 01-IXFDS
000026                            1696+DSCTFLG4 DS    B                  FLAG BYTE                       SK 01-IXFDS
                           00080  1697+DSCTISXC EQU   X'80'               ISAM EXCLUSIVE CONTROL OPTION   SKXO1-IXFDS
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                    +                                 0 - BISAM ONLY AND SINGLE-REGION ACCESS SKX
                                    +                                 1 - QISAM USED OR MULTI-REGION ACCESS   SK
                           00080  1698+DSCTBXC  EQU   X'80'             BDAM EXCLUSIVE CONTROL OPTION          SB 01-IXFDS
                                  1699+*                          0 -- USE OS EXCLUSIVE CONTROL                SB
                                  1700+*                          1 -- USE ICOM EXCLUSIVE CONTROL    --        SB
                                  1701+*                             --  SINGLE REGION UPDATES ONLY            SB
                                  1702+*   FOLLOWING 4 BITS SHOW TYPE(S) OF ENQ CURRENTLY IN EFFECT          SK
                           00040  1703+DSCTNQFS EQU   X'40'                - ON FILE, SYSTEM-WIDE               SK 01-IXFDS
                           00020  1704+DSCTNQFR EQU   X'20'                - ON FILE, REGION-WIDE               SK 01-IXFDS
                           00010  1705+DSCTNQRR EQU   X'10'                - ON RECORD, REGION-WIDE             SK 01-IXFDS
                           00008  1706+DSCTNQRD EQU   X'08'  - ENQ TO SIGNAL READ ACTIVE TO WRITES             SK 01-IXFDS
                           00001  1707+DSCTXCTO EQU   X'01'                 EXCLUSIVE CONTROL TIMEOUT          SK 01-IXFDS
000027                            1708+DSCTFLG5 DS    B                     FLAG BYTE                          MR 01-IXFDS
                           00080  1709+DSCTPRMR EQU   X'80'                 PRIMARY DSCT OF MLTPLX I/O GROUP   MR 01-IXFDS
                           00040  1710+DSCTDPLX EQU   X'40'                 FILE IS A DUPLEX OF ANOTHER FILE   MR 01-IXFDS
                           00020  1711+DSCTNDPL EQU   X'20'                 DO NOT DUPLEX CURRENT FH REQUEST   MR 01-IXFDS
                           00010  1712+DSCTVLSR EQU   X'10'   VSAM DS IS CONNECTED TO LSR POOL                 JP 01-IXFDS
                           00008  1713+DSCTQSCE EQU   X'08'                ALLOW NO NEW SELECTS TO FILE    SM1210 01-IXFDS
                           00004  1714+DSCTDEAL EQU   X'04'                FILE HAS BEEN DEALLOCATED           JP 01-IXFDS
                           00002  1715+DSCTB37  EQU   X'02'                 ELIGIBLE FOR B37 RECOVERY          SW 01-IXFDS
                           00001  1716+DSCTVSDS EQU   X'01'                OPEN VSAM DS WITH MACRF=DSN     XM0265 01-IXFDS
                                  1717+*                                                                    XM0265
000028                            1718+DSCTFLG2 DS    B                     FLAG BYTE                          SK 01-IXFDS
                           00080  1719+DSCTISUP EQU   X'80'                     FILE IS UPDATE-ONLY            MM 01-IXFDS
                           00040  1720+DSCTADD  EQU   X'40'                     A BISAM ADD HAS BEEN DONE      RB 01-IXFDS
                           00020  1721+DSCTALIA EQU   X'20'                 THIS DDNAME IS ALIASSED.               01-IXFDS
                           00010  1722+DSCTCNDX EQU   X'10'  .              HI-LEVEL INDEX IN CORE.                01-IXFDS
                           00008  1723+DSCTLOCK EQU   X'08'                ALLOW NO I/O TO FILE            SM1210 01-IXFDS
                           00004  1724+DSCTUREC EQU   X'04'          DATA SET IS SYSIN OR SYSOUT           SM0984 01-IXFDS
                           00002  1725+DSCTERLK EQU   X'02'                 DEACTIVATE FILE ON STATUS=1 OR 9   SK 01-IXFDS
                           00001  1726+DSCTDOWN EQU   X'01'                 NO I/O ALLOWED - RETURN STATUS 1   SK 01-IXFDS
000029                            1727+DSCTFLG3 DS    B                     FLAG BYTE (I)                      SK 01-IXFDS
                           00080  1728+DSCTVSAM EQU   X'80'                 DSCT IS FOR VSAM DATA SET.         SK 01-IXFDS
                           00040  1729+DSCTKSDS EQU   X'40'                 KEY SEQUENCED DATA SET.            SK 01-IXFDS
                           00020  1730+DSCTRECF EQU   X'20'                 FIXED DATA RECORD LENGTH           SK 01-IXFDS
                           00010  1731+DSCTOSGP EQU   X'10'                 CALLED AT GET OR PUT ENTRY         SK 01-IXFDS
                           00008  1732+DSCTOSRW EQU   X'08'                 CALLED AT READ OR WRITE ENTRY.     SK 01-IXFDS
                           00018  1733+DSCTVSIS EQU   DSCTOSGP+DSCTOSRW     CALLER IS ISAM - DATA SET IS VSAM      01-IXFDS
                                  1734+*   ISAM-VSAM COMPATIBILITY DELETED RECORD OPTIONS                    SK
                           00004  1735+DSCTDLIN EQU   X'04'                 OPTCD=L - PROCESS AS IN THE PAST   SK 01-IXFDS
                           00002  1736+DSCTDLOT EQU   X'02'                 OPTCD=IL - ERASE DELETED RECORDS   SK 01-IXFDS
                           00001  1737+DSCTSTRU EQU   X'01'                 VSAM STRING IN USE              SM0492 01-IXFDS
00002A                            1738+DSCTFABX DS    H                     OFFSET TO FAB.                         01-IXFDS
00002C                            1739+DSCTLIST DS    A                          POINTER TO LATEST DYNAMIC DSCT  01-IXFDS
                           0002C  1740+DSCTBDBF EQU   DSCTLIST              OUR BDAM BUFFER.                       01-IXFDS
                           0002C  1741+DSCTFAB  EQU   DSCTLIST              TEMP HOLDER OF ABS FABB ADDRESS.       01-IXFDS
                           0002E  1742+DSCTBDHD EQU   42+4                  SKIP BDW AND MESSAGE GEADER.           01-IXFDS
                           0002C  1743+DSCTQIKE EQU   DSCTBDBF              SAVE KEY ADDRESS AFTER QISAM GET.      01-IXFDS
                                  1744+*                                                                    MR
                                  1745+******** MULTIPLEX I/O FACILITY AREA ********                        MR
000030                            1746+DSCTMPLX DS    OA                    START ON FULL-WORD BOUNDARY        MR 01-IXFDS
                                  1747+*                                                                    MR
                                  1748+*        INTERNAL DSCT DEFINITIONS                                   MR
000030                            1749+DSCTMPXN DS    OXL1                  NO. OF EXTERNAL DSCT'S             MR 01-IXFDS
000030                            1750+DSCTMPEX DS    A                     POINTER TO FIRST EXTERNAL DSCT     MR 01-IXFDS
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM H V 02 15.46 09/01/98

000034                           1751+DSCTMPPR DS    XL1                PRIMARY DSCT INDEX NO.              MR O1-IXFDS
000035                           1752+DSCTMPNX DS    XL1                NEXT DUPLEX DSCT INDEX NO.          MR O1-IXFDS
000036                           1753+         DS    H                  RESERVED                            MR O1-IXFDS
                                 1754+*                                                                     MR
                                 1755+*        EXTERNAL DSCT DEFINITIONS                                    MR
000038                     00030 1756+         ORG   DSCTMPLX           SKIP BACK TO REDEFINE               MR O1-IXFDS
000030                           1757+DSCTMPAL DS    XL1                EXTERNAL DSCT ALLOCATION MASK       MR O1-IXFDS
000031                           1758+         DS    X                  RESERVED                            MR O1-IXFDS
000032                           1759+         DS    H                  RESERVED                            MR O1-IXFDS
                           00034 1760+DSCTMPXL EQU   *-DSCT            DUPLEX EXTERNAL DSCT LENGTH         MR O1-IXFDS
000034                     00038 1761+         ORG   ,                  SKIP FORWARD TO RESUME DEFINITION   MR O1-IXFDS
                                 1762+********                                                              MR
                                 1763+*                                                                     MR
000038                           1764+DSCTSTSU DS    A                       STATISTICS-  NO. OF SELECTS       O1-IXFDS
00003C                           1765+DSCTSTSG DS    1A                      STATISTICS-  NO. OF GETS      MK O1-IXFDS
000040                           1766+DSCTSTSR DS    1A                      STATISTICS-  NO. OF READS     MK O1-IXFDS
                           00040 1767+DSCTNBFV EQU   DSCTSTSR  VSAM LSR: REQ REJ, NO BUFFERS AVAIL         JP O1-IXFDS
000044                           1768+DSCTSTSP DS    1A                      STATISTICS-  NO. OF PUTS      MK O1-IXFDS
000048                           1769+DSCTSTSW DS    A                       STATISTICS-  NO. OF WRITES        O1-IXFDS
                           00048 1770+DSCTNSTR EQU   DSCTSTSW  VSAM LSR: BUFFER POOL STRNO WAIT CNT        JP O1-IXFDS
                           0004C 1771+DSCTSTSE EQU   *                       END OF STATISTICS                 O1-IXFDS
00004C                           1772+         DS    OF                      NEXT FULL WORD MULTIPLE           O1-IXFDS
                           0004C 1773+DSCTLNTH EQU   *-DSCT                  LENGTH OF TABLE ENTRY             O1-IXFDS
                                 1774+*
                                 1775+*      THE FOLLOWING ARE EXTENSIONS FOR THE "INTERNAL" DSCT           RB
                                 1776+*      DYNAMICALLY ACQUIRED BY DYNAMIC-ALLOCATION.                    RB
                                 1777+*
00004C                           1778+DSCTJFCB DS    176X .             JFCB AREA                           RB O1-IXFDS
0000FC                           1779+DSCTXLST DS    F .                DCB EXIT-LIST FOR JFCB-EXIT         RB O1-IXFDS
000100                           1780+DSCTVLST DS    CL14 .             VOLUME-LIST                            O1-IXFDS
000110                           1781+         DS    OF                                                 SM0793 O1-IXFDS
000110                           1782+DSCTMVPM DS    CL256              DEFINE MVS DYNAMIC ALLOCATION   SM0793 O1-IXFDS
                                 1783+*                                 PARAMETER LIST AREA             SM0793
                           00210 1784+DSCTDYLN EQU   *-DSCT                                                 O1-IXFDS
00000C                           1785+IXFDSCTA DSECT                                                        O1-IXFDS
00000C                           1786+         DS    (MAXFILES)CL(DSCTLNTH) . SPACE FOR MAX NO OF ENTRIES  SW O1-IXFDS
```

```
  LOC  OBJECT CODE     ADDR1 ADDR2  STMT   SOURCE STATEMENT                                  ASM H V 02 15.46 09/01/98

                                    1788           COPY  VRPDSECT                                                00004800
000000                              1789 VRPDSECT  DSECT                                                        00010000
000000 00                           1790 VRPFLAGS  DC    X'0'              ICOM FLAGS                          00011000
                              00008 1791 VRPLSR31  EQU   X'08'       GET LSR BUFFERS/CBS ABOVE 16M LINE    SM2143 00013500
000001                              1792 VRPRETCD  DS    X                 RETURN CODE FROM BLDVRP MF=E        00014000
000002 00000000000000000            1793 VRPSZTBL  DC    28X'0'       TABLE USED BY IXFRPT01               00015000
000020                              1794           DS    0F                                                    00016000
                              00020 1795 VRPPARMS  EQU   *                                                    00017000
                                    1796 *   BLDVRP MACRO,  LIST FORM                                         00018000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM H V 02 15.46 09/01/98

                             1799          COPY  FRDSECTS                                                        00005000
000000                       1800 FAB      DSECT                                                               00000000
000000                       1801 FABFLGS1 DS    C          FLAG BYTE.                                           00001000
                      00080  1802 FABIMM   EQU   X'80'      IMMEDIATE--FAB IS 2 BYTES OF FLAGS IN THE DSCT       00002000
                      00040  1803 FABRYES  EQU   X'40'      REVERSE=YES.                                         00003000
                      00020  1804 FABRCRIT EQU   X'20'      REVERSE=CRITICAL.                                    00004000
                      00010  1805 FABLGAFT EQU   X'10'      RECREATE.                                            00005000
                      00008  1806 FABDL    EQU   X'08'      DELETE CODE SPECIFIED.                               00006000
                      00004  1807 FABCHKOT EQU   X'04'      CHECK=OUT                                            00007000
                      00002  1808 FABCHKIN EQU   X'02'      CHECK=IN                                             00008000
                      00001  1809 FABCP    EQU   X'01'      CHECKPOINTING REQUESTED.                             00009000
                             1810 *                                                                             00010000
                             1811 *                                                                             00011000
000001                       1812 FABFLGS2 DS    C          FLAG BYTE.                                           00012000
                      00080  1813 FABCPBLK EQU   X'80'                 CHECKPOINT UNKEYED BDAM.                 00013000
                      00040  1814 FABCPKEY EQU   X'40'      CHECKPOINT BY KEY.                                   00014000
                      00020  1815 FABCPBKY EQU   X'20'                 CHECKPOINT KEYED BDAM.                   00015000
                      00010  1816 FABNOADD EQU   X'10'      DON'T LOG ADDS.                                      00016000
                      00008  1817 FABNOAFT EQU   X'08'                 FABLGAFT FORCED BY BACKOUT-ON-FLY SK     00016100
                      00004  1818 FABNCPWT EQU   X'04'   HARDWAIT WHEN PENDING I/O NO. EQ NCP       SM1004     00016200
                      00001  1819 FABUB37E EQU   X'01'                 USERB37E WILL POST FAB37ECB    SM1854     00016400
                      00002  1820 FABIMMLN EQU   *-FAB      LENGTH OF IMMEDIATE FAB.                             00017000
                             1821 *                                                                             00018000
000002                       1822 FABDLLEN DS    C          LENGTH OF DELETE CODE.                               00019000
000003                       1823 FABCPLEN DS    C          LENGTH OF CHECKPOINT RECORD ID.                      00020000
000004                       1824 FABDLOFF DS    H          OFFSET IN RECORD TO DELETE CODE FIELD.               00021000
000006                       1825 FABCPCNT DS    H          NUMBER OF CHECKPOINT RECORDS.                        00022000
                      00008  1826 FABDLMAX EQU   8          MAXIMUM LENGTH OF DELETE CODE.                       00023000
000008                       1827 FABDLCDE DS    (FABDLMAX)C          THE DELETE  CODE.                       00024000
000010                       1828 FAB37COM DS    CL8        B37 COMPANION DDNAME                                 00024100
000018                       1829 FAB37ECB DS    F          B37 PMIWTOR ECB                                      00024110
00001C                       1830 FAB37SYN DS    F          B37 SYNCHRONOUS ECB                                  00024120
                      00020  1831 FABDYNLN EQU   *-FAB      MINIMUM LENGTH OF DYNAMIC FAB.                       00025000
                      00020  1832 FABCPIDS EQU   *          START OF CHECKPOINT ID'S.                            00026000
                             1833 *                                                                             00027000
                             1834 *                                                                             00028000
000000                       1835 FABTABLE DSECT                                                                00029000
000000                       1836 FABOFFST DS    H                    OFFSET TO 1ST FAB.                    00030000
000002                       1837 FABALCNT DS    H                    NUMBER OF ALIAS BLOCKS.               00031000
                      00004  1838 FABAL1   EQU   *                    1ST ALIAS BLOCK.                      00032000
                      00004  1839 FABHEADL EQU   FABAL1-FABTABLE                                             00033000
                             1840 *                                                                             00034000
                             1841 *                                                                             00035000
000000                       1842 FABALIAS DSECT                                                                00036000
000000                       1843 FABALDD  DS    CL8                  DDNAME OF ALIASSED.                   00037000
000008                       1844 FABADSCT DS    A                    ADDRESS OF REAL DSCT.                 00038000
                      0000C  1845 FABALLEN EQU   *-FABALIAS           LENGTH OF ALIAS BLOCK.                00039000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                  ASM H V 02 15.46 09/01/98

                                   1847          COPY  DDSASECT                                                  00005200
000000                             1848 DDSASECT DSECT      THIS DSECT MAPS THE DFACB SUPPLIED BY            DR 00000100
                                   1849 *                   APPLICATION PROGRAMS WHEN CALLING ACCESS         DR 00000200
                                   1850 *                   OR ALLOCATE FOR DYNAMIC FILE ALLOCATION.         DR 00000300
                                   1851 *                                                                       00000500
                                   1852 *                                                                       00000600
000000                             1853 DDSADSN  DS    CL44              DATA-SET NAME                          00000700
00002C                             1854 DDSADDNM DS    CL8               DDNAME                                 00000800
000034                             1855 DDSAVOLS DS    CL6               VOLUME-SERIAL                          00000900
00003A                             1856 DDSARECF DS    CL2               RECFM--FF,FB,VV,VB,UU                  00001000
00003C                             1857 DDSALREC DS    H                 LOGICAL-RECORD-LENGTH                  00001100
00003E                             1858 DDSABLKS DS    H                 DATA SET BLOCK SIZE                    00001200
000040                             1859 DDSASPAC DS    OXL6              SPACE PARAMETERS                       00001300
000040                             1860 DDSARSIZ DS    H                 AVERAGE RECORD SIZE                    00001400
000042                             1861 DDSAPRIM DS    H                 # OF RECORDS IN PRIMARY ALLOCATION     00001500
000044                             1862 DDSASEC  DS    H                 # OF RECORDS IN SECONDARY ALLOCATION   00001600
000046                             1863 DDSARETC DS    X                 RETURN CODE OF LAST OS SVC ISSUED      00001610
000047                             1864 DDSASID  DS    X                 ID OF LAST OS SVC ISSUED               00001620
                          000D3    1865 DDSALOC  EQU   C'L'              LOCATE SVC                             00001630
                          000D6    1866 DDSAOBTN EQU   C'O'              OBTAIN SVC                             00001640
                          000C1    1867 DDSAALOC EQU   C'A'              ALLOCATE SVC (SVC 32 OR 99 FOR MVS)    00001650
                          000C3    1868 DDSACAT  EQU   C'C'              CATALOG SVC                            00001660
                          000D9    1869 DDSARJFC EQU   C'R'              RDJFCB SVC                             00001670
                          000E2    1870 DDSASHOW EQU   C'S'              SHOWCB SVC                       DR 00001675
                          000E3    1871 DDSATEST EQU   C'T'              TESTCB SVC                       DR 00001680
                          000D4    1872 DDSAMODC EQU   C'M'              MODCB SVC                        DR 00001685
                          000D7    1873 DDSAOPEN EQU   C'P'              OPEN ACB                         DR 00001690
                          000C2    1874 DDSACLOS EQU   C'B'              CLOSE ACB                        DR 00001695
000048                             1875 DDSASTAT DS    CL4               ANCILLARY STATUS-AREA            RB 00001700
                                   1876 *                                                                       00001720
                                   1877 *      THE FOLLOWING RETURN-CODES ARE FOUND IN THE FIRST BYTE OF        00001740
                                   1878 *      DDSASTAT AFTER A CALL TO EITHER ACCESS OR ALLOCATE.              00001760
                                   1879 *                                                                       00001780
                          000F0    1880 DDSAOK   EQU   C'0'              NORMAL COMPLETION                RB 00001800
                          000F1    1881 DDSANODD EQU   C'1'              DDNAME OR VOLSER SUPPLIED BUT    RB 00001900
                                   1882 *                                NO MATCH IN TIOT                 RB 00002000
                                   1883 *                                                                       00002020
                                   1884 *      THE FOLLOWING RETURN-CODES ARE FOUND IN THE FIRST BYTE OF        00002040
                                   1885 *      DDSASTAT AFTER A CALL TO ACCESS.                                 00002060
                                   1886 *                                                                       00002080
                          000F2    1887 DDSANCAT EQU   C'2'              DATA SET EITHER NOT CATALOGED OR RB 00002100
                                   1888 *                                VOLUME-COUNT GREATER THAN 1.     RB 00002200
                          000F3    1889 DDSABCAT EQU   C'3'              DATA SET CATALOGED ON VOL-SER NOT RB 00002300
                                   1890 *                                ACCESSABLE THROUGH TIOT.         RB 00002400
                          000F4    1891 DDSADSCB EQU   C'4'              NO DSCB FOUND ON DISK FOR THE    RB 00002500
                                   1892 *                                DATA SET.                        RB 00002600
                          000F5    1893 DDSANTPS EQU   C'5'              DATA SET TO BE ACCESSED IS NOT       00002700
                                   1894 *                                PHYSICAL SEQUENTIAL (PS)             00002800
                          000C5    1895 DDSABDVS EQU   C'E'              ERROR IN VSAM MACRO              DR 00002802
                          000C6    1896 DDSANCOR EQU   C'F'              NO CORE FOR ACB                  DR 00002803
                                   1897 *                                FOR MVS ONLY                     SW 00002805
                          000F6    1898 DDSAAC04 EQU   C'6'              SVC 99 RC=04                     SW 00002810
                          000F7    1899 DDSAAC08 EQU   C'7'              SVC 99 RC=08                     SW 00002815
                          000F8    1900 DDSAAC0C EQU   C'8'              SVC 99 RC=12                     SW 00002820
                          000F9    1901 DDSAAC10 EQU   C'9'              SVC 99 RC=16                     SW 00002825
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM H V 02 15.46 09/01/98

                                  1902 *                                                                          00002900
                                  1903 *      THE FOLLOWING RETURN-CODES ARE FOUND IN THE FIRST BYTE OF           00003000
                                  1904 *      DDSASTAT AFTER A CALL TO ALLOCATE.                                  00003100
                                  1905 *                                                                          00003200
                           000F3  1906 DDSANSPA EQU   C'3'              INVALID OR MISSING SPACE PARAMETERS      00003300
                           000F4  1907 DDSADCB  EQU   C'4'              INVALID OR MISSING RECFM,LRECL OR        00003400
                                  1908 *                                BLOCKSIZE.                               00003500
                           000F5  1909 DDSAFULL EQU   C'5'              NO DIRECT-ACCESS SPACE AVAILABLE.        00003600
                           000F6  1910 DDSAACAT EQU   C'6'              DATA SET COULD NOT BE CATALOGED.         00003700
                           000F7  1911 DDSADUPL EQU   C'7'              DATA SET ALREADY EXISTS                  00003720
                           000F8  1912 DDSAIOER EQU   C'8'              I/O ERROR DURING ALLOCATION              00003730
                                  1913 *                                FOR MVS ONLY                          SW 00003735
                           000F9  1914 DDSAALO4 EQU   C'9'              SVC 99 RC=04                          SW 00003740
                           000C1  1915 DDSAALO8 EQU   C'A'              SVC 99 RC=08                          SW 00003745
                           000C2  1916 DDSAALOC EQU   C'B'              SVC 99 RC=12                          SW 00003750
                           000C3  1917 DDSAAL10 EQU   C'C'              SVC 99 RC=16                          SW 00003755
                                  1918 *                                                                          00003800
                                  1919 *      THE FOLLOWING OPTION CODES ARE PASSED BY THE CALLER IN THE          00003900
                                  1920 *      SECOND BYTE OF DDSASTAT.                                            00004000
                                  1921 *                                                                          00004100
                           000C3  1922 DDSADCAT EQU   C'C'              DATA SET SHOULD BE CATALOGED WHEN        00004200
                                  1923 *                                ALLOCATED.                               00004300
                           000D4  1924 DDSAMOD  EQU   C'M'              DATA SET IS TO BE EXTENDED WHEN          00004305
                                  1925 *                                CALLING ACCESS (EQUIVALENT TO            00004310
                                  1926 *                                DISP=MOD).                               00004315
                                  1927 *                                                                SMO793 00004320
                           000E2  1928 DDSASHR  EQU   C'S'              DATA SET DISP. = SHARE                DR 00004321
                                  1929 *                                (VSAM FILES ONLY)                     DR 00004322
                                  1930 *            THE FOLLOWING OPTION-CODE IS PASSED BY THE CALLER   SMO793 00004325
                                  1931 *            IN THE THIRD BYTE OF DDSASTAT.                      SMO793 00004330
                                  1932 *                                                                SMO793 00004335
                           000D5  1933 DDSANRLS EQU   C'N'              UNUSED SPACE IS NOT TO BE RELEASED       00004340
                                  1934 *                                WHEN THE DATA SET IS CLOSED.        SMO793 00004345
                                  1935 *                                                                SMO793 00004350
00004C                            1936 DDSACINV DS    F                CONTROL INTERVAL SIZE                DR 00004351
000050                            1937          DS    CL8              MUST BE ZERO                         DR 00004355
000058                            1938          DS    0D                                                    RB 00004400
                           00058  1939 DDSALEN  EQU   *-DDSASECT       LENGTH OF THE DDSA AREA               RB 00004500
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                  1941           COPY  SCNLIDS                                                  00005400
                                  1942 *                                                                        00002000
                                  1943 *       WORK AREA FOR THE SYSTEM CONTROLLER                              00004000
                                  1944 *       **********************************                               00006000
                                  1945 *                                                                        00008000
                                  1946 *                                                                        00010000
000000                            1947 SCNLIDS  DSECT                                                           00012000
000000                            1948          DS    18F               SAVE AREA                             00014000
000048                            1949 CLIST    DS    5F                PARAMETER AREA FOR CALLS              00016000
00005C                            1950 SCNWARA  DS    F                 WORK AREA A                           00018000
000060                            1951 SCNWARB  DS    F                 WORK AREA B                           00020000
000064                            1952 SCNWARC  DS    F                 WORK AREA C                           00022000
000068                            1953 SCNTQE   DS    A                 ADDRESS OF THE TIMER ENTRY FOR PURGE  00024000
00006C                            1954 SCNTCTV  DS    F                 TIME INTERVAL USED                    00026000
000070                            1955 SAVEREGS DS    12F               SAVE AREA FOR THE REGISTER            00028000
0000A0                            1956 SAVE14SA DS    F                 SAVE AREA FOR THE RETURN POINT        00030000
0000A4                            1957 SCNROLTB DS    F                 ADDRESS OF HTE ROLLOUT TABLE          00032000
                                  1958 *                  **ANY CHANGE MADE TO THE PRECEDING AREA SHOULD    00034000
                                  1959 *                    AFFECT 'ROLLOUT' , ROLLRET' ,PLEASE MAKE SURE   00036000
                                  1960 *                    THERE AREA REASSEMBLED.                         00038000
0000A8                            1961 SAVEPARG DS    F                 USED BY SCNVOTE ROUTINE               02674000
0000AC                            1962 SCNWTOL  DS    CL4                                                     02676000
0000B0                            1963 SCNWTSC  DS    CL2               2 BYTE SUBCODE                        02678000
0000B2                            1964 SCNWTOCL DS    CL9                                                     02680000
0000BB                            1965 SCNMMN   DS    CL3               MON SEQ NUM SAVE AREA                 02682000
0000BE                            1966 SCNSW    DS    X                 SWITCH BYTE                      SB   02684000
                           00080  1967 SCNOTHRD EQU   X'80'             NO THREAD NUMBER ACQUIRED YES    SB   02684100
                           00040  1968 LOG30    EQU   X'40'             LOG WITH CODE 30                 SB   02684110
                           00020  1969 CNCSW    EQU   X'20'                                              SB   02684120
                           00008  1970 BADLOAD  EQU   X'08'                                          SM1678   02685000
                           00001  1971 RESRCNQ  EQU   X'01'             ENQ ON A RESOURCE DONE       SM2233   02685300
0000BF                            1972 STORSW   DS    CL1               STORAGE SWITCH                        02686000
0000C0                            1973 SCNDYLEN DS    H                                                PTF107   02687000
0000C2                            1974 SCNTHRED DS    C                 THREAD NUMBER ASSIGNED           SK   02687002
0000C3                            1975          DS    C                 RESERVED                         SK   02687004
0000C4                            1976 SCNDYADR DS    F                                                PTF107   02687100
                           000C2  1977 APNDSGN  EQU   C'B'                                               DMK   02687600
0000C8                            1978          DS    0D                DOUBLE WORK BOUNDRY                   02688000
                           000C8  1979 SCNEND    EQU   *                                                       02690000
                           000C8  1980 SCNLNGT   EQU   SCNEND-SCNLIDS                                          02692000


                                  1982           COPY  RESRC                                                   00005600

000000                            1984 RESRC    DSECT                   CONTROL BLOCK AND EN-Q IDENTIFIER   *
                                                                        FOR RESOURCES THAT ARE SHARED       *
                                                                        ACROSS SUBSYSTEMS.
000000                            1985 RESRCID  DS    CL16              PMIENQ IDENTIFIER.
000010                            1986 RESRCMCU DS    AL1               MAXIMUM CONCURRENT USE COUNT.
000011                            1987 RESRCCCU DS    AL1               CURRENT CONCURRENT USE COUNT.
                           00012  1988 RESRCLEN EQU   *-RESRC            LENGTH OF DSECT.
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                                ASM H V 02 15.46 09/01/98

000000                           1991 ISPSECTS CSECT                                                                    00005800
                                 1992          INTTCB                                                                   00005900

                                 1994+* DSECT FOR THREAD RELATED CONTROL BLOCK .                                  BRB
000000                           1995+ITCB     DSECT                                                                    01-INTTC
000000                           1996+ITCBSCSA DS    A .                  SYSTEM CONTROLLER'S SAVE AREA      SB 01-INTTC
000004                           1997+ITCBSCT  DS    A .                  SCT ADDRESS                        SB 01-INTTC
000008                           1998+ITCBAQLB DS    A .                 A(QLB) FOR RECOVERY-ON-FLY             01-INTTC
00000C                           1999+ITCBQHWM DS    H .                 MAX DDQ RCD LEN FOR RECOVERY-ON-FLY    01-INTTC
00000E                           2000+ITCBSW1  DS    X .                                                    SB 01-INTTC
                           00080 2001+TRVRSEON EQU   X'80'                BACK OUT ON THE FLY IN PROGRESS 39MD 01-INTTC
                           00040 2002+THRDPURG EQU   X'40'                PURGE IS IN PROGRESS            39MD 01-INTTC
                           00020 2003+THRDDBIT EQU   X'20'                DB INTERFACE ISSUED DISABLE   SM1609 01-INTTC
                           00010 2004+THRDFLIO EQU   X'10'                THREAD IN FILE HANDLER WAIT   XM0298 01-INTTC
                           00008 2005+THRDCONV EQU   X'08'                THREAD IN CONVERSE WAIT (INACTIVE)CH 01-INTTC
                           00004 2006+THRDNQWT EQU   X'04'                THREAD IN ENQUEUE WAIT        SM2052 01-INTTC
                           00002 2007+THRDVSCI EQU   X'02'                THREAD IN VSAM CI WAIT        SM2052 01-INTTC
                           00001 2008+THRDHUNG EQU   X'01'                SET BY RMNADISA IF THREAD HUNG  39MD 01-INTTC
                           00049 2009+THRDNACT EQU   THRDPURG+THRDCONV+THRDHUNG THREAD NOT ACTIVE/WAIT SM2052 01-INTTC
00000F                           2010+ITCBSW2  DS    X .                                                    SB 01-INTTC
                           00080 2011+THRD6CON EQU   X'80'                CONVERSE WAIT IS FOR 6.2      SM2247 01-INTTC
                           00002 2012+THRDTABB EQU   X'02'                THREAD IS BUILDING A TABLE    SM2257 01-INTTC
                           00001 2013+THRDTABM EQU   X'01'                THREAD IS MODIFYING A TABLE   SM2257 01-INTTC
000010                           2014+ITCBMMN  DS    CL3                  MMN FROM MESSAGE IF THRD HUNG SM2233 01-INTTC
000013                           2015+ITCBTAB# DS    B                    TABLE FACILITY ACCESS COUNT   SM2257 01-INTTC
000014                           2016+ITCBPMSS DS    A .                  ADDRESS OF PARMS TO SUBSYSTEM SM2233 01-INTTC
000018                           2017+ITCBVECB DS    F .                  EVENT ECB - FOR RMNADISA.         DFK 01-INTTC
00001C                           2018+ITCBDCNT DS    OB .                 DISABLE COUNT - I/O & DATA BASES.DFK 01-INTTC
00001C                           2019+ITCBTWQE DS    F .                  TIME-OUT WQE ADDR DURING PURGE.   DFK 01-INTTC
000020                           2020+ITCBBMN  DS    CL3                  BMN FROM MESSAGE IF THRD HUNG SM2233 01-INTTC
000023                           2021+ITCBTID  DS    CL5                  TID FROM MESSAGE IF THRD HUNG XM0298 01-INTTC
                                 2022+* FUTURE ITCB FIELDS MAY BE DEFINED HERE
                           00028 2023+ITCBLEN  EQU   ((*-ITCB+7)/8)*8 . LEN=MULTIPLE OF 8                       BRB 01-INTTC
000000                           2024+ISPSECTS CSECT                                                                    01-INTTC
```

```
  LOC  OBJECT CODE     ADDR1 ADDR2  STMT   SOURCE STATEMENT                                                ASM H V 02 15.46 09/01/98

                                    2027           COPY  DYNDSECT                                                                00006100
000000                              2028 DYNDSECT  DSECT                                                                        00001000
                                    2029 *                                                                  SM2280 00001100
                                    2030 *         DYNLSUBS ENTRY DSECT (GENERATED BY SUBMODS LNAME PARM)   SM2280 00001200
                                    2031 *                                                                  SM2280 00001300
000000                              2032 DYNLOADA  DS    A                LOADED ADDRESS                        DR 00001500
000004                              2033 DYNDELTM  DS    H                DELETE TIME IN SECONDS                DR 00002000
000006                              2034 DYNCOUNT  DS    H                USE COUNT OF ROUTINE                  DR 00003000
000008                              2035 DYNWQE    DS    A                ADDRESS OF TIMER WQE                  DR 00004000
00000C                              2036 DYNFLAGA  DS    X                   FLAG-BYTE                          RB 00004500
                              00080 2037 DYNRES    EQU   X'80'               MODULE IS PERMENTLY-RESIDENT       RB 00005000
                              00040 2038 DYNREUSE  EQU   X'40'               MODULE IS REUSEABLE                RB 00006000
                              00020 2039 DYNREENT  EQU   X'20'               MODULE IS REENTRANT                RB 00007000
                              00010 2040 DYNLKED   EQU   X'10'               MODULE IS LINKEDITED-NOT LOADED.   SK 00007020
                              00008 2041 DYNFORCE  EQU   X'08'               FORCE DELETION WHEN USE COUNT = 0  SK 00007040
                              00004 2042 DYNLDXA   EQU   X'04'               LOADED ABOVE 16 MG LINE            DR 00007050
                              00002 2043 DYNNOSCH  EQU   X'02'            MODULE NOT SCHEDULABLE                DR 00007060
                              00001 2044 DYNBLDL   EQU   X'01'            RESIDENT BLDL PRESENT                 DR 00007080
                                    2045 *                                                                          00007100
00000D                              2046 DYNTYPE   DS    X                   MODULE-TYPE                        RB 00007120
                              00080 2047 DYNBAL    EQU   X'80'               BAL                                RB 00007140
                              00040 2048 DYNPL1    EQU   X'40'               PL1                                RB 00007160
                              00020 2049 DYNCOBOL  EQU   X'20'               COBOL                              RB 00007180
                              00008 2050 DYNLDLNK  EQU   X'08'               LOAD COMMAND DOING DYN LINK       SM2255 00007183
                              00004 2051 DYNLDDEL  EQU   X'04'               LOAD OR DELETE IN PROGRESS        SM2255 00007184
                                    2052 *                                                                          00007200
00000E                              2053 DYNWTCNT  DS    H                LOAD TRIES COUNT (1=1/4 SEC.)     SM2255 00007210
000010                              2054 DYNUSAGE  DS    F                TOTAL USAGE-COUNT THIS RUN        SM2068 00007220
000014                              2055 DYNDWS    DS    OF                                                    SW 00007300
000014                              2056 DYNPARM   DS    B          PARMS PASSED TO SUBROUTINE OUTSIDE CALL    SW 00007350
                              00080 2057 DYNPMSG   EQU   X'80'          INMSG PASSED                          SW 00007400
                              00040 2058 DYNPSPA   EQU   X'40'          SPA PASSED                            SW 00007450
                              00020 2059 DYNPSCT   EQU   X'20'          SCT PASSED                            SW 00007500
                              00010 2060 DYNPRC    EQU   X'10'          RC  PASSED                            SW 00007550
000015                              2061 DYNGET    DS    FL3          SIZE OF DWS ACQUIRED FOR SUBROUTINE       SW 00007600
000018                              2062 DYNLOADS  DS    F                 CUM. COUNT MODULE LOADS          SM2068 00007700
00001C                              2063 DYNECB    DS    OF             ECB TO SYNCHRONIZE CONCURRENT LOADS    SW 00007800
00001C                              2064 DYNVCON   DS    A                  VCON OF MODULE                    SW 00007900
000020                              2065 DYNLMSZ   DS    F                LOAD MODULE SIZE IF LOADABLE      SM2280 00007910
000024                              2066 DYNNAME   DS    CL8              ROUTINE NAME                              00008000
                              0002C 2067 DYNLEN    EQU   *-DYNDSECT       LENGTH OF ENTRY WITH NO BLDL              00009000
00002C                              2068 DYNBLDLD  DS    CL52             BLDL DATA MUST BE CONTIGUOUS TO NAME SW 00010000
                              00060 2069 DYNLENB   EQU   *-DYNDSECT       LENGTH WITH BLDL                          00011000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM H V 02 15.46 09/01/98

                                   2071           COPY  ASYDSECT                                                    00006300
                                   2072 *                                                                           00002000
                                   2073 *                                    VERSION IV.1  10/11/71                 00004000
                                   2074 *                                                                           00006000
                                   2075 *       ASYNCHRONOUS LOADER COMMUNICATION AREA                              00008000
                                   2076 *       ************************************                                00010000
                                   2077 *                                                                           00012000
                                   2078 *                                                                           00014000
000000                             2079 ASYDSECT DSECT                                                             00016000
000000                             2080 ASYNECB  DS    F                 ECB  POSTED BY O.S AT TERMINATION         00018000
000004                             2081 ASYECB1  DS    F                 ECB  POSTED BY ASYNCH = STEP COMPLET      00020000
000008                             2082 ASYECB2  DS    F                 ECB  POSTED BY LOADOVLY = WORK TO DO      00022000
00000C                             2083 ASYADDR1 DS    F                 ADDRESS OF (VCON) SEGTAB ENTRY            00024000
                         00080     2084 ASYDELET EQU   X'80'             DELETE REQUESTED                    SK    00024010
                         00040     2085 ASYNAME  EQU   X'40'             A(E.P. NAME) IS PROVIDED, NOT SCT   SK    00024020
                         00020     2086 ASYNBLDL EQU   X'20'          BLDL IS PROVIDED                       AWU   00024030
000010                             2087 ASYNTCB  DS    F                 SUBTASK TCB ADDRESS                       00026000
000014                             2088 ASYECB3  DS    F                 ECB  POSTED BY LOADOVLY = FREE            00028000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                   2090           COPY  TIMETBL                                                00006500
                                   2091 *                                                                      00002000
                                   2092 *       T I M E    T A B L E   L A Y O U T                             00004000
                                   2093 *                                                                      00006000
                                   2094 *       **********************************                             00008000
                                   2095 *                                                                      00010000
                                   2096 *                                    LAST REVISION  11/01/69           00012000
000000                             2097 TIMETB    DSECT                                                        00014000
000000                             2098 TMTSCHT   DS     PL4                 SCHEDULE TIME                     00016000
000004                             2099 TMTTCTV   DS     AL2                 TIME CONTROL VALUE                00018000
000006                             2100 TMTTMZC   DS     CL1                 TIME ZONE CODE                    00020000
000007                             2101 TMTTRIG   DS     CL1                 MESSAGE SEND INDICATOR            00022000
000008                             2102 TMTPRIN   DS     CL1                 REDISPATCH INTERVAL (MINUTES) XM0895 00024000
000009                             2103 TMTPGIH   DS     CL1                 PROGRAM ID  SUBDIVISION           00026000
00000A                             2104 TMTPGID   DS     CL1                 PROGRAM IDENTIFICATION CODE       00028000
00000B                             2105 TMTPVMI   DS     CL1                 PROGRAM MESSAGE IDENTIFICATION    00030000
                            0000C  2106 TMTSZ     EQU    *-TIMETB                                              00032000
                                   2107 *                                                                      00034000
                                   2108 *                                                                      00036000
                                   2109 *       EQUATE STATMENT FOR TMTTRIG                                    00038000
                                   2110 *       ***************************                                    00040000
                                   2111 *                                                                      00042000
                                   2112 *                                                                      00044000
                            00080  2113 TMTTRIGO EQU    X'80'               USED WHEN MESSAGE IS SEND         00046000
                            00040  2114 TMTTRIG1 EQU    X'40'               UNUSED                            00048000
                            00020  2115 TMTTRIG2 EQU    X'20'               UNUSED                            00050000
                            00010  2116 TMTTRIG3 EQU    X'10'               UNUSED                            00052000
                            00008  2117 TMTTRIG4 EQU    X'08'               UNUSED                            00054000
                            00004  2118 TMTTRIG5 EQU    X'04'               UNUSED                            00056000
                            00002  2119 TMTTRIG6 EQU    X'02'               UNUSED                            00058000
                            00001  2120 TMTTRIG7 EQU    X'01'               UNUSED                            00060000
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM H V 02 15.46 09/01/98

                                  2122           COPY  COBDSECT                                                  00006600
                                  2123 *                                                                       LK 00001000
                                  2124 *   DSECT FOR 256 BYTE SAVE AREA PREFIX USED BY PREPROG AND COBREENT    LK 00002000
                                  2125 *                                                                       LK 00003000
000000                            2126 COBDSECT DSECT                                                         LK 00004000
000000                            2127 COBCOBRT DS    18F              COBREENT'S PASSED SAVE AREA            LK 00005000
000048                            2128 COBCOB   DS    18F              COBOL S/S SAVE AREA (FROM TGT)         LK 00006000
000090                            2129 COBWRK   DS    OCL72                                                   LK 00007000
000090                            2130 COBTGT   DS    F                TGT ADDRESS                            LK 00008000
000094                            2131 COBTGTL  DS    F                TGT + PGT + PARMS LENGTH               LK 00009000
000098                            2132 COBLPARM DS    F                PARM LIST LENGTH (CALLER'S)            LK 00010000
00009C                            2133 COBTPGTL DS    F                PGT + TGT LENGTH TO BE SAVED           LK 00011000
0000A0                            2134 COBPMPTR DS    F                SAVED PARM LIST POINTER (SUB.CODE)LK 00012000
0000A4                            2135 COBSTCNT DS    F                STORAGE ATTEMPT COUNT                  LK 00013000
0000A8                            2136 COBDWS   DS    F                LOWER DWS ADDRESS (SUBROUTINE'S)       LK 00014000
0000AC                            2137 COBDWSL  DS    F                CURRENT DWS LENGTH ( - COBDSECT)       LK 00015000
0000B0                            2138 COBDWSSW DS    B                DWS CHECK SWITCH                       LK 00016000
                            00040 2139 COBDWSON EQU   X'40'            DWS CHECK AREA ADDED TO DWS               00016200
                            00008 2140 COBLD16M EQU   X'08'            S/S LOADED ABOVE 16MG LINE             DR 00016500
                            00004 2141 COBPRM1  EQU   X'04'            ALLOW 1ST PARM ABOVE LINE              DR 00016600
                            00001 2142 COBVSII  EQU   X'01'            PROGRAM IS VS COBOL II                    00016800
0000B1                            2143 COBFLWR3 DS    BL3                  UNUSED                            LK 00017000
0000B4                            2144 COBNEWST DS    F                ADDR-ACQUIRED STORAGE(256+GET+PMS)LK 00018000
0000B8                            2145 COBNEWSL DS    F                LENGTH OF STORAGE ACQUIRED             LK 00019000
0000BC                            2146 COBTHD   DS    F              ADDR-THREAD'S COB2 THDCOM COPY  SM2251 00020000
0000C0                            2147 COBSAVR1 DS    F                REAL PARM POINTER (REENT. SUBR.)       LK 00021000
0000C4                            2148 COBSAVR3 DS    F                ORIGINAL TGT SAVE AREA ADDRESS         LK 00022000
0000C8                            2149 COBSUBMS DS    F                POINTER TO SUBMODS ENTRY               LK 00023000
0000CC                            2150 COBLIST  DS    3F               USED BY STORAGE MACRO                  LK 00024000
0000D8                            2151 COBPARM  DS    CL40             COBOL PARM LIST FOR ICOM CALLS         LK 00025000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                   2153           COPY   THDCOMD                                                  00006800
000000                             2154 THDCOM    DSECT                    COBOL2 THREAD UNIT CONTROL BLOCK   SM2251 00001000
000000                             2155 TCIDENT   DS     CL8                   THDCOM IDENTIFIER  (=C2THDCOM) SM2251 00002000
000008                             2156 TCLENGTH  DS     F                     THDCOM LENGTH  (=488, X'1E8')  SM2251 00003000
00000C                             2157 TCSWITCH  DS     OXL8                  THDCOM SWITCHES                SM2251 00004000
                                   2158 *                                                                      SM2251 00005000
00000C                             2159 TCCOMFLG  DS     X                     THDCOM FLAG                    SM2251 00006000
                             00080 2160 TCINITED  EQU    X'80'                 THDCOM HAS BEEN INITIALISED    SM2251 00007000
                             00040 2161 TCLOADED  EQU    X'40'                 THDCOM WAS LOADED/CLOADED      SM2251 00008000
                             00020 2162 TCGETMED  EQU    X'20'                 THDCOM WAS GETMAINED           SM2251 00009000
                             00010 2163 TCFOSTRD  EQU    X'10'                 THDCOM WAS FOSTERED            SM2251 00010000
                             00008 2164 TCCLAIMD  EQU    X'08'                 THDCOM IS NOW CLAIMED (IN USE) SM2251 00011000
                             00004 2165 TCPASSED  EQU    X'04'                 THDCOM WAS PASSED              SM2251 00012000
                             00002 2166 TCINIRRE  EQU    X'02'                 REUSABLE THD INITED BY IGZERRE SM2251 00013000
                             00001 2167 TCRES     EQU    X'01'                 PROGRAM IS RESIDENT            SM2251 00014000
                                   2168 *                                                                      SM2251 00015000
00000D                             2169 TCTHDFLG  DS     X                     THREAD FLAGS                   SM2251 00016000
                             00080 2170 TCTEST    EQU    X'80'                 THREAD UNDER CONTROL OF TEST   SM2251 00017000
                                   2171 *                                     (I.E. BATCH/INT'V DEBUG)       SM2251 00018000
                             00040 2172 TCTSUGET  EQU    X'40'                 THREAD ITBLK WAS GETMAINED BY  SM2251 00019000
                                   2173 *                                     THREAD SETUP (TSU)             SM2251 00020000
                             00020 2174 TCINSRTX  EQU    X'20'                 THREAD IS IN SORT EXIT         SM2251 00021000
                             00010 2175 TCTHDEND  EQU    X'10'                 THREAD IS ENDING AT SAME TIME  SM2251 00022000
                                   2176 *                                     AS THIS RUNUNIT IS ENDING      SM2251 00023000
                             00008 2177 TCCICSEP  EQU    X'08'                 MESSAGE QUEUE SEPARATOR PUT.   SM2251 00024000
                             00004 2178 TCVSINTH  EQU    X'04'                 AN OS/VS CBL PGM HAS BEEN      SM2251 00025000
                                   2179 *                                     ENCOUNTERED IN THE THREAD      SM2251 00026000
                             00002 2180 TCBLANOP  EQU    X'02'                 NO END PTR NOW (BELOW)         SM2251 00027000
                             00001 2181 TCABVNOP  EQU    X'01'                 NO END PTR NOW (ABOVE)         SM2251 00028000
                                   2182 *                                                                      SM2251 00029000
00000E                             2183 TCOPTFLG  DS     X                     OPTION FLAGS                   SM2251 00030000
                             00080 2184 TCSUPDBG  EQU    X'80'                 DEBUG SUPPRESSED AT            SM2251 00031000
                                   2185 *                                     RUN-TIME                       SM2251 00032000
                             00040 2186 TCSUPSSR  EQU    X'40'                 SSRANGE SUPPRESSED AT          SM2251 00033000
                                   2187 *                                     RUN-TIME                       SM2251 00034000
                             00020 2188 TCAIXBLD  EQU    X'20'                 AIXBLD REQUESTED AT            SM2251 00035000
                                   2189 *                                     RUN-TIME                       SM2251 00036000
                             00010 2190 TCSUPSTA  EQU    X'10'                 STAE SUPPRESSED AT             SM2251 00037000
                                   2191 *                                     RUN-TIME                       SM2251 00038000
                             00008 2192 TCSPOUT   EQU    X'08'                 SPACE USAGE OUTPUT REQUESTED   SM2251 00039000
                                   2193 *                                     AT RUN-TIME                    SM2251 00040000
                             00004 2194 TCRTREUS  EQU    X'04'                 REUSABLE RUNTIME ENVIR. REQ.   SM2251 00041000
                                   2195 *                                     AT RUN-TIME                    SM2251 00042000
                             00002 2196 TCLIBKP   EQU    X'02'                 RETAIN PART LEVEL IN MEMORY    SM2251 00043000
                                   2197 *                                     BETWEEN COBOL CALLS            SM2251 00044000
                             00001 2198 TCWSCLR   EQU    X'01'                 CLEAR WORKING STORAGE          SM2251 00045000
                                   2199 *                                     REQUEST                        SM2251 00046000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

00000F                           2201 TCABXFLG DS    X                 ABEND EXIT FLAGS                SM2251 00048000
                          00080  2202 TCABNDIP EQU   X'80'             ABEND IN PROGRESS FOR THREAD    SM2251 00049000
                          00004  2203 TCDUMPED EQU   X'04'             THREAD HAS BEEN DUMPED FOR      SM2251 00050000
                                 2204 *                                ABEND                           SM2251 00051000
                          00020  2205 TCRTMABN EQU   X'20'             THREAD HAS                      SM2251 00052000
                                 2206 *                                RUNUNIT TERM/ABNORMAL           SM2251 00053000
                                 2207 *                                IN PROCESS PREVENT              SM2251 00054000
                                 2208 *                                RECURSION                       SM2251 00055000
                          00010  2209 TCDMPING EQU   X'10'             TAKING SYSTEM DUMP VIA          SM2251 00056000
                                 2210 *                                RETRY                           SM2251 00057000
                          00008  2211 TCSUPDMP EQU   X'08'             SUPPRESS DUMPING IN ABEND EXIT  SM2251 00058000
                          00004  2212 TCSUPFDP EQU   X'04'             SUPPRESS FDMPING IN ABEND EXIT  SM2251 00059000
                          00002  2213 TCSUPMIN EQU   X'02'             SUPPRESS MINIMSG IN ABEND EXIT  SM2251 00060000
                                 2214 *        EQU   X'01'             RESERVED                        SM2251 00061000
                                 2215 *                                                                SM2251 00062000
000010                           2216 TCDSPFLG DS    X                 DISPLAY FLAGS                   SM2251 00063000
                          00080  2217 TCPRTOPN EQU   X'80'             SYSOUT IS OPEN                  SM2251 00064000
                          00004  2218 TCPRTNFO EQU   X'04'             SYSOUT WAS OPENED BY NF         SM2251 00065000
                          00020  2219 TCPRTFD  EQU   X'20'             SYSOUT FILEDEF ISSUED           SM2251 00066000
                          00010  2220 TCPRTNAD EQU   X'10'             DISPLAY WITH NO ADVANCING       SM2251 00067000
                          00008  2221 TCPCHOPN EQU   X'08'             SYSPUNCH IS OPEN                SM2251 00068000
                          00004  2222 TCPCHNFO EQU   X'04'             SYSPUNCH WAS OPENED BY NF       SM2251 00069000
                          00002  2223 TCPCHFD  EQU   X'02'             SYSPUNCH FILEDEF ISSUED         SM2251 00070000
                                 2224 *        EQU   X'01'             RESERVED                        SM2251 00071000
                                 2225 *                                                                SM2251 00072000
000011                           2226 TCACPFLG DS    X                 ACCEPT FLAGS                    SM2251 00073000
                          00080  2227 TCRDROPN EQU   X'80'             SYSIN IS OPEN                   SM2251 00074000
                          00004  2228 TCRDRNFO EQU   X'04'             SYSIN WAS OPENED BY NF          SM2251 00075000
                          00020  2229 TCRDRFD  EQU   X'20'             SYSIN FILEDEF ISSUED            SM2251 00076000
                          00010  2230 TCRDREOF EQU   X'10'             REACHED END OF FILE ON SYSIN    SM2251 00077000
                          00008  2231 TCHCEINT EQU   X'08'             DPPX FLAGS HCEINITO             SM2251 00078000
                                 2232 *                                CALLED                          SM2251 00079000
                          00004  2233 TCHCETRM EQU   X'04'             IGZETRM CALLED BY HCETERMO      SM2251 00080000
                          00002  2234 TCSPCE   EQU   X'02'             SPCE IS ACTIVE                  SM2251 00081000
                          00001  2235 TCMIXRES EQU   X'01'             ALLOW RES/NORES MIX             SM2251 00082000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

000012                           2237 TCVARFLG DS    X                VARIOUS FLAGS                  SM2251 00084000
                          00080  2238 TCDBWOPN EQU   X'80'            1 OR MORE DBW FILES ARE OPEN   SM2251 00085000
                          00004  2239 TCDBOFD  EQU   X'04'            SYSDBOUT FILEDEF ISSUED        SM2251 00086000
                          00020  2240 TC1STPRM EQU   X'20'            EPRM PROCESSED EXEC OPTIONS    SM2251 00087000
                          00010  2241 TCDBROPN EQU   X'10'            1 OR MORE DBR FILES ARE OPEN   SM2251 00088000
                          00008  2242 TCDBIFD  EQU   X'08'            SYSDBIN FILEDEF ISSUED         SM2251 00089000
                          00004  2243 TCABOOPN EQU   X'04'            SYSABOUT FILE IS OPEN          SM2251 00090000
                          00002  2244 TCABOFD  EQU   X'02'            SYSABOUT FILEDEF ISSUED        SM2251 00091000
                          00001  2245 TCXA     EQU   X'01'            OP. SYS. HAS EXTENDED          SM2251 00092000
                                 2246 *                               ADDRESS'G NOTE!                SM2251 00093000
                                 2247 *                               IGZEPI HAS HARD CODED MASK!    SM2251 00094000
                                 2248 *                                                              SM2251 00095000
000013                           2249 TCCONFLG DS    X                CONSOLE FLAGS                  SM2251 00096000
                          00080  2250 TCCONOPN EQU   X'80'            CONSOLE IS OPEN                SM2251 00097000
                          00004  2251 TCCONNFO EQU   X'04'            CONSOLE WAS OPENED BY NF       SM2251 00098000
                          00020  2252 TCCNIOPN EQU   X'20'            CONSOLE ORIG'LY OPENED FOR     SM2251 00099000
                                 2253 *                               INPUT                          SM2251 00100000
                          00010  2254 TCCNOOPN EQU   X'10'            CONSOLE ORIG'LY OPENED FOR     SM2251 00101000
                                 2255 *                               OUTPUT                         SM2251 00102000
                                 2256 *        EQU   X'08'            RESERVED                       SM2251 00103000
                          00004  2257 TCSIMVRD EQU   X'04'            SIMULATE VARIABLE-LENGTH RRDS  SM2251 00104000
                                 2258 *                               MISCELLANEOUS FLAGS            SM2251 00105000
                          00002  2259 TCSUPFLO EQU   X'02'            NOFLOW SPEC'D (OS/VS           SM2251 00106000
                                 2260 *                               EXEC TIME OPTION)              SM2251 00107000
                          00001  2261 TCRESTRT EQU   X'01'            DEBUG RESTART CALLED IGZETCL   SM2251 00108000
                                 2262 *                                                              SM2251 00109000
                                 2263 **       E N D    O F    F L A G    D E F I N I T I O N S      SM2251 00110000
                                 2264 **       *****    ***    *******    **********************     SM2251 00111000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98
                                   2266 *                                                                SM2251 00113000
000014                             2267 TCTHDIDN DS    OAL4      THREAD ID - ADDR FORM (=TCB ADDR)       00114000
000014                             2268 TCTHDID  DS    CL4       THREAD ID - CHAR FORM                   SM2251 00115000
000018                             2269 TCCOBCOM DS    AL4       COBCOM ADDRESS                          SM2251 00116000
00001C                             2270 TCCOBVEC DS    AL4       COBVEC ADDRESS                          SM2251 00117000
000020                             2271 TCRUNCOM DS    AL4       1'ST RUNCOM ADDRESS                     SM2251 00118000
000024                             2272 TCSRLLAD DS    AL4       1'ST SRLLE ADDRESS UNUSED               SM2251 00119000
000028                             2273 TC1STPGM DS    CL8       PGM NAME OF 1ST PGM IN THREAD           SM2251 00120000
000030                             2274 TCSUBCOM DS    AL4       ILBOCOM PTR IN THDCOM                   SM2251 00121000
000034                             2275 TCNRIWRK DS    CL80      ENRI WORK AREA                          SM2251 00122000
000084                             2276 TCLASTRB DS    AL4       ADDR OF LAST REQ BLK (= PRB ADDR)       00123000
000088                             2277 TCLASTCT DS    AL4       INDEX OF LAST REQ BLK                   SM2251 00124000
00008C                             2278 TCITBLK  DS    AL4       ADDR OF THREAD'S ITBLK                  SM2251 00125000
000090                             2279 TCCALR13 DS    AL4       FOR IGZPRO EPI TO HOLD R13              SM2251 00126000
000094                             2280 TCILBBST DS    AL4       ADDR OF ILBOSTT'S IGZEBST               SM2251 00127000
000098                             2281 TCEIBAD  DS    AL4       CICS EXEC INTERFACE BLOCK               SM2251 00128000
00009C                             2282 TCCICTOK DS    CL8       CICS THREAD LEVEL TOKEN                 SM2251 00129000
0000A4                             2283 TCEOPTAD DS    AL4       IGZEOPT ADDRESS (IF USED)               SM2251 00130000
0000A8                             2284 TCRIDCTR DS    OF        CTR TO GENERATE CICS                    SM2251 00131000
                                   2285 *                      RUNUNIT ID                              SM2251 00132000
0000A8                             2286 TCRIDID  DS    CL4       CHARACTER FORM OF ABOVE                 SM2251 00133000
0000AC                             2287 TCRIVSTG DS    AL4       ADDR OF STG GOTTEN BY                   SM2251 00134000
                                   2288 *                      ECIC(RIV)                               SM2251 00135000
0000B0                             2289 TCLDLR13 DS    AL4       HOLDER FOR LDL'S R13 FOR RETRY          SM2251 00136000
0000B4                             2290 TCTINSTG DS    AL4       ADDR OF STG GOTTEN BY                   SM2251 00137000
                                   2291 *                      ECIC(TIN) OR                            SM2251 00138000
                                   2292 *                      PTR TO 'BMB' IF DPPX                    SM2251 00139000
0000B8                             2293 TCETUNAD DS    AL4       IGZETUN ADDRESS (IF USED)               SM2251 00140000
0000BC                             2294 TCUPSI   DS    CL8       UPSI VALUES SET AT EXEC'N TIME          SM2251 00141000
0000C4                             2295 TCFLOWNN DS    H         FLOW=NN SPEC (OS/VS OPTION)             SM2251 00142000
0000C6                             2296 TCIMCNT  DS    H         INFORMATION MESSAGE LIMIT CNT.          SM2251 00143000
0000C8                             2297          DS    AL4       RESERVED                                SM2251 00144000
0000CC                             2298 TCPRTDCB DS    AL4       SYSOUT DCB POINTER                      SM2251 00145000
0000D0                             2299 TCPRTBUF DS    AL4       SYSOUT BUFFER, NEXT RECORD              SM2251 00146000
0000D4                             2300 TCPRTLEN DS    H         DCBLRECL FOR SYSOUT                     SM2251 00147000
0000D6                             2301          DS    H         RESERVED                                SM2251 00148000
0000D8                             2302 TCPCHDCB DS    AL4       SYSPUNCH DCB POINTER                    SM2251 00149000
0000DC                             2303 TCPCHBUF DS    AL4       SYSPUNCH BUFFER, NEXT RECORD            SM2251 00150000
0000E0                             2304 TCPCHLEN DS    H         DCBLRECL FOR SYSPUNCH                   SM2251 00151000
0000E2                             2305          DS    H         RESERVED                                SM2251 00152000
0000E4                             2306 TCRDRDCB DS    AL4       SYSIN DCB POINTER                       SM2251 00153000
0000E8                             2307 TCRDRBUF DS    AL4       ADDRESS OF I/O AREA (VSE ONLY)          SM2251 00154000
0000EC                             2308 TCCONDCB DS    AL4       CONSOLE DCB POINTER (NOT USED)          SM2251 00155000
0000F0                             2309 TCCONBUF DS    AL4       CONSOLE BUFFER,ADDRESS OF               SM2251 00156000
0000F4                             2310          DS    AL4       RESERVED                                SM2251 00157000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

0000F8                           2312 TCDBWCHN DS    AL4    ANCHOR FOR DBW'S IOBLK CHAIN   SM2251 00159000
0000FC                           2313          DS    AL4    RESERVED                       SM2251 00160000
000100                           2314 TCDBRCHN DS    AL4    ANCHOR FOR DBR'S IOBLK CHAIN   SM2251 00161000
000104                           2315          DS    AL4    RESERVED                       SM2251 00162000
000108                           2316 TCABODCB DS    AL4    SYSABOUT DCB POINTER           SM2251 00163000
00010C                           2317 TCSTAEPT DS    AL4    PTR TO SORT MERGE SDWA         SM2251 00164000
000110                           2318          DS    AL4    RESERVED                       SM2251 00165000
000114                           2319 TCEXLLN  DS    H      VSAM EXIT LIST LENGTH          SM2251 00166000
000116                           2320          DS    H      RESERVED                       SM2251 00167000
000118                           2321 TCEXLST  DS    AL4    VSAM EXIT LIST ADDRESS         SM2251 00168000
00011C                           2322          DS    AL4    RESERVED                       SM2251 00169000
000120                           2323 TCDBGPTR DS    AL4    DBG COMMUNICATION BLK PTR      SM2251 00170000
000124                           2324 TCDSYS   DS    CL1    SYSTEM SPECIFIED IN            SM2251 00171000
                                 2325 *                     DEFAULT OPTION TABLE           SM2251 00172000
000125                           2326 TCDOPTS  DS    CL3    OPTIONS SPECIFIED IN           SM2251 00173000
                                 2327 *                     DEFAULT OPTION TABLE           SM2251 00174000
000128                           2328 TCDLANG  DS    CL2    LANGUAGE SPECIFIED IN          SM2251 00175000
                                 2329 *                     DEFAULT OPTION TABLE           SM2251 00176000
00012A                           2330          DS    CL2    RESERVED                       SM2251 00177000
00012C                           2331 TCSPMRSA DS    CL72   RSA RESERVED FOR SPM ROUTINE   SM2251 00178000
000174                           2332          DS    AL4    RESERVED                       SM2251 00179000
000178                           2333 TCGMTHDA DS    AL4    THREAD CLASS STORAGE ANCHOR    SM2251 00180000
00017C                           2334          DS    AL4    RESERVED                       SM2251 00181000
000180                           2335 TCSRASIZ DS    F      SUBRTN AREA SIZE               SM2251 00182000
                                 2336 *                     (TUNING FACTOR)                SM2251 00183000
000184                           2337 TCSRABEG DS    AL4    SUBRTN AREA BEGINNING          SM2251 00184000
000188                           2338 TCSRAEND DS    AL4    SUBRTN AREA END                SM2251 00185000
00018C                           2339 TCSRANXT DS    AL4    SUBRTN AREA NEXT BYTE AVAIL.   SM2251 00186000
000190                           2340          DS    AL4    RESERVED                       SM2251 00187000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

000194                           2342 TCBLOANC DS    AL4      PHYS. STORAGE ANCHOR (BELOW)   SM2251 00189000
000198                           2343 TCBLOINI DS    F        INITIAL PHY.BLK SIZE (BELOW)   SM2251 00190000
                                 2344 *                       (TUNING FACTOR)                SM2251 00191000
00019C                           2345 TCBLOMIN DS    F        MINIMUM PHY.BLK SIZE (BELOW)   SM2251 00192000
                                 2346 *                       (TUNING FACTOR)                SM2251 00193000
0001A0                           2347 TCBLORND DS    F        BLOCK ROUNDING FACTOR (BELOW)  SM2251 00194000
                                 2348 *                       (TUNING FACTOR)                SM2251 00195000
0001A4                           2349 TCBLOCUR DS    F        CUR. PHYS. BLK. ALLOC. (BELOW) SM2251 00196000
0001A8                           2350 TCBLOMAX DS    F        MAX. PHYS. BLK. ALLOC. (BELOW) SM2251 00197000
0001AC                           2351 TCBLOEND DS    AL4      END OF PHYS.ELEM.CHAIN (BELOW) SM2251 00198000
0001B0                           2352 TCBLOLPB DS    AL4      LAST PHYS.BLK.IN CHAIN (BELOW) SM2251 00199000
0001B4                           2353 TCBLO1ST DS    AL4      ADDR 1ST PHY BLK BELOW         SM2251 00200000
                                 2354 *                       (IF PASSED)                    SM2251 00201000
0001B8                           2355 TCLEN1ST DS    AL4      LENGTH 1ST PHY BLK BELOW       SM2251 00202000
                                 2356 *                       (IF PASSED)                    SM2251 00203000
0001BC                           2357 TCABVANC DS    AL4      PHYS. STORAGE ANCHOR (ABOVE)   SM2251 00204000
0001C0                           2358 TCABVINI DS    F        INITIAL PHY.BLK SIZE (ABOVE)   SM2251 00205000
                                 2359 *                       (TUNING FACTOR)                SM2251 00206000
0001C4                           2360 TCABVMIN DS    F        MINIMUM PHY.BLK SIZE (ABOVE)   SM2251 00207000
                                 2361 *                       (TUNING FACTOR)                SM2251 00208000
0001C8                           2362 TCABVRND DS    F        BLOCK ROUNDING FACTOR (ABOVE)  SM2251 00209000
                                 2363 *                       (TUNING FACTOR)                SM2251 00210000
0001CC                           2364 TCABVCUR DS    F        CUR. PHYS. BLK. ALLOC. (ABOVE) SM2251 00211000
0001D0                           2365 TCABVMAX DS    F        MAX. PHYS. BLK. ALLOC. (ABOVE) SM2251 00212000
0001D4                           2366 TCABVEND DS    AL4      END OF PHYS.ELEM.CHAIN (ABOVE) SM2251 00213000
0001D8                           2367 TCABVLPB DS    AL4      LAST PHYS.BLK.IN CHAIN (ABOVE) SM2251 00214000
0001DC                           2368 TCUEXIT  DS    AL4      ADDR OF USER EXIT MODULE       SM2251 00215000
                                 2369 *                       (IGZEXIT) IF                   SM2251 00216000
                                 2370 *                       LINKEDITED                     SM2251 00217000
0001E0                           2371 TCLASTAC DS    AL4      SAVE THE ABEND CODE            SM2251 00218000
0001E4                           2372          DS    AL4      ESTUB TGT PTR SAVED BY         SM2251 00219000
                                 2373 *                       IGZERRE2                       SM2251 00220000
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                  2375          BTSPA                                                        00007000
                                  2376+*                                VERSION 9.0  7/30/81              YK
                                  2377+*********************************************************************
                                  2378+*                FRONT END (BTAM/TCAM) GLOBAL TABLE                  *
                                  2379+*********************************************************************X
                                      +                 REQUIRED GENERALLY FOR BTAM/TCAM  FRONT END
                                  2380+*********************************************************************
                                  2381+*                FRONT END (BTAM/TCAM) GLOBAL SETTINGS               *
                                  2382+*********************************************************************
000000                            2383+BTSPALST DSECT                                                        01-BTSPA
000000 C2E3E2D7C1F0F1F0           2384+         DC    CL8'BTSPA010'       VERSION OF BTSPA TABLE          50MD 01-BTSPA
000008 00000000                   2385+BTDECB   DC    V(DECBS)            ADDR OF DECBS IE. BLINE TABLE   18MD 01-BTSPA
00000C 00000000                   2386+BTDCBS   DC    V(BTAMDCBS)         ADDR OF DCBS (LINEGROUPS)       18MD 01-BTSPA
000010                            2387+BTHAFO   DS    0H -                HALF WORD OF ZERO                    01-BTSPA
000010 00000000                   2388+BTFULO   DC    F'0' -              FULL WORD OF ZERO                    01-BTSPA
000014 00000001                   2389+BTFUL1   DC    F'1' -              FULL WORD OF ONE                     01-BTSPA
                            00016 2390+BTHAF1   EQU   BTFUL1+2 -          HALF WORD OF ONE                     01-BTSPA
000018 00000258                   2391+BTTILCL  DC    F'600' -            2 SEC WAIT INTR FOR IN LOCAL         01-BTSPA
00001C 00000BB8                   2392+BTTIPAPR DC    F'3000' -           10 SEC WAIT FOR OUT OF PAPER         01-BTSPA
000020 00000258                   2393+BTTIMS   DC    F'600' -            DISPATCH INTVL WHEN NO CORE AVAIL    01-BTSPA
000024 00000000                   2394+BTSCTQOT DC    V(BTAMOUTQ)         TABLE OF OUTPUT Q SCT ENTRIES   18MD 01-BTSPA
000028 00000000                   2395+BTQUETAB DC    F'0' -              ADDR. QUE TBLE IF DDQ & SEG INPUT MM 01-BTSPA
00002C 00000000                   2396+BTVRBTAD DC    V(BTVRBTB) -        ADDR OF BTAM VERB TABLE              01-BTSPA
000030 00000000                   2397+BTCDECB  DC    F'0'                ECB FOR CLOSEDOWN - QUEUES EMPTY     01-BTSPA
000034 00000000                   2398+BTALT    DC    F'0' .              ADDR OF ORIGIN SNT TRM ENTRY (TDWN)  01-BTSPA
000038 00000000                   2399+BTSTORE  DC    V(STORAGEM) -       ADDR OF STORAGE ROUT - COMPATIBLE    01-BTSPA
00003C 00000000                   2400+BTMSGCOL DC    V(MSGCOL) -         ADDR FO MSG COL - COMPATIBLE         01-BTSPA
000040 00000000                   2401+BTDEVTBL DC    V(DEVTABL)          ADDR OF FIRST BDEVICE IN TABLE  18MD 01-BTSPA
000044 00000000                   2402+BTQECB   DC    F'0' -              QUEUE FCB POSTED BY TPUP VERB        01-BTSPA
000048 00000000                   2403+BTINTQA  DC    V(INTQA)            INT Q A                         18MD 01-BTSPA
00004C 0000                       2404+BTIQACNT DC    H'0' -              COUNT OF MSGS ON Q A                 01-BTSPA
00004E F0F04BF0F0F0               2405+BTAMDATE DC    CL6'00.000' -       DATE                                 01-BTSPA
000054 F0F04BF0F04BF0F0           2406+BTAMTIME DC    CL8'00.00.00' -     BTAM LOG MSG NUM                     01-BTSPA
00005C 00000000                   2407+BTINTQB  DC    V(INTQB)            INT Q B                         18MD 01-BTSPA
000060 0000                       2408+BTIQBCNT DC    H'0' -              COUNT OF MSGS ON Q B                 01-BTSPA
000062 0258                       2409+BTNCWAIT DC    H'600' -            WAIT INTERVAL FOR NO CORE            01-BTSPA
000064 00000000                   2410+BTADDSPA DC    V(SPA) .            ADDR OF INTERCOMM SPALIST            01-BTSPA
000068 00                         2411+BTMOD    DC    AL1(0)                                                   01-BTSPA
                            00008 2412+BTCLDW   EQU   X'08' -            NORMAL CLOSEDOWN                     01-BTSPA
                            00010 2413+BTIMCLD  EQU   X'10' -            IMMEDIATE CLOSEDOWN                  01-BTSPA
                            00020 2414+BT24HR   EQU   X'20' -                24 HOUR WRAP AROUND              01-BTSPA
                            00040 2415+BTCLDOP  EQU   X'40'              USED FOR OUTPUT AFTER CLOSEDOWN      01-BTSPA
                            00080 2416+BTSPPL   EQU   X'80' -            POLLING HAS BEEN STOPPED             01-BTSPA
                            00004 2417+BTLIVE   EQU   X'04' .            SUPPRESS CLOSEDOWN BY SIMULATOR   SK 01-BTSPA
                            00002 2418+BTDEDQS  EQU   X'02'              DEDICATED QUEUES ARE ASSURED    71MD 01-BTSPA
000069 C3D5E3F0F1                 2419+BTCNTL   DC    CL5'CNT01' .        CONTROL TERMINAL                     01-BTSPA
00006E 0FFF                       2420+BTMAXINL DC    H'4095'      -      INPUT MESSAGE MAXIMUM LENGTH  SM0755 01-BTSPA
000070 00000000                   2421+BTAMSEQ  DC    F'0' .              BTAMSEQ NO.                      JA 01-BTSPA
000074 00000000                   2422+BTOTFMSC DC    A(0) .              SAVCELL FOR BMHOTFMT             JA 01-BTSPA
000078 00000000                   2423+BTBTQSC  DC    A(0) .              SAVCELL FOR BTQUEUE/BTQUEUER     JA 01-BTSPA
00007C 00000000                   2424+BTUPVRB  DC    V(TPUPVERB) .       PTR TO TPUP BTVERB ENTRY        61MD 01-BTSPA
000080 00000000                   2425+BTDWNVRB DC    V(TDWNVERB) .       PTR TO TDWN BTVERB ENTRY        61MD 01-BTSPA
                            00084 2426+BTEND    EQU   *                                                  DR 01-BTSPA
```

```
  LOC  OBJECT CODE     ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM H V 02 15.46 09/01/98

                                    2428           COPY  PVRBTBLE                                                    00007200
000000                              2429 PVRBTBLE  DSECT                                                             00000100
000000                              2430 PVBVERB   DS    CL4              VERB IN CHARACTER                          00000200
000004                              2431 PVBSS     DS    CL2              SUB SYS TO RCV MSG                         00000300
                                    2432 *                                IF BINARY ZEROES - DO NOT SEND             00000400
000006                              2433 PVBPRTY   DS    OXL1              PRIORITY-NO LONGER USED          3270 00000450
000006                              2434 PVBSWCH   DS    XL1                                                3270 00000500
                              00080 2435 PVBEDIT   EQU   X'80'             EDIT NOT DESIRED                 3270 00000600
                              00040 2436 PVBHDR    EQU   X'40'             3270 HDR DESIRED                 3270 00000610
                              00020 2437 PVBEDBQ   EQU   X'20'             EDIT-BEFORE-QUEUEING               RB 00000620
                              00010 2438 PVBHPRTY  EQU   X'10'             HIGH-PRIORITY VERB                 RB 00000630
                              00008 2439 PVBLOCKE  EQU   X'08'     VERB EXEMPT FROM LOCK  (LOCKEXE=YES)       JA 00000640
                              00004 2440 PVBRLSEN  EQU   X'04'     VERB DOES NOT RELEASE CRT SCREEN (RLSE=NO) JA 00000650
                              00002 2441 PVBNOAID  EQU   X'02'             DO NOT PROCESS AID TRANSLATION     CH 00000660
                              00001 2442 PVBAUTOL  EQU   X'01'             AUTOMATIC LOCK TERMINAL TO VERB    RB 00000670
000007                              2443 PVBDSPL   DS    B                DISPLACE FOR BTAM VERB                     00000700
                              00001 2444 TPUCHK    EQU   X'01'             TPU CHECK MUST BE DONE                     00000800
                              00002 2445 PVBSECUR  EQU   X'02'                                                        00000810
000008                              2446 PVBWAIT   DS    H                TIME LIMIT IF CONV                         00000900
00000A                              2447 PVBAPPLX  DS    XL1              INDEX INTO APPLID TABLE (OR 0) SM2241 00000910
00000B                              2448 PVBSWCH2  DS    XL1              SECOND SWITCH BYTE             SM2241 00000920
                              00080 2449 PVBDUMY   EQU   X'80'             THIS IS A DYNAMIC DUMMY ENTRY  SM2241 00000930
                              0000C 2450 PVBLTH    EQU   *-PVRBTBLE       LENGTH OF TABLE                            00001000
                                    2451 *         THE FOLLOWING FIELD ONLY EXISTS IN DUMMY ENTRIES       SM2241 00002000
00000C                              2452 PVBAPPL   DS    CL8              EIGHT CHAR APPLID NAME IN DUMMY  69MD 00002100
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                  2454          COPY  LGDSECT                                                  00007400
000000                            2455 LGDSECT  DSECT                  LINEGRP MACRO DSECT                     00001000
000000                            2456 LGNEXT   DS    H                OFFSET TO NEXT LINEGRP                  00002000
000002                            2457 LGSW1    DS    B                SWITCHES                                00003000
                            00080 2458 LGRVI    EQU   X'80'            RVI REQUESTED VIA RVRS VERB             00004000
                            00040 2459 LGUP     EQU   X'40'            LINEGROUP IS UP                SM1245   00004010
000003                            2460 LGSW2    DS    B                SWITCHES                                00005000
                            00080 2461 LGBISYNC EQU   X'80'            BISYNC DCB                              00006000
                            00040 2462 LGGFE    EQU   X'40'            GENERALIZED FRONT-END                   00007000
                            00020 2463 LGGRAPH  EQU   X'20'            GRAPHICS                                00008000
000004                            2464 LGFSTLN  DS    F                A(FIRST BLINE)                          00009000
000008                            2465 LGLSTLN  DS    F                A(LAST BLINE)                           00010000
00000C                            2466 DCBDEV   DS    OF               SAME AS LGUNIT                          00011000
00000C                            2467 LGUNIT   DS    F                UNIT TYPE                               00012000
000010                            2468 LGDCB    DS    F                A(DCB)                                  00013000
                            00014 2469 LGPFXLEN EQU   *-LGDSECT                                               00014000
                                  2470          DCBD  DSORG=CX,DEVD=BS                                        00015000
                                  2471+*                       DCB SYMBOLIC DEFINITION FOR
                                  2472+*                       COMMUNICATIONS LINE GROUP
000000                            2473+IHADCB   DSECT ,              DCBPTR                  @ZA05613 01-DCBD
                                  2474+*
                                  2475+*****************************************************************************
                                  2476+*DATA CONTROL BLOCK DEFINITION
                                  2477+*
                                  2478+*$MAC(DCBD):
                                  2479+*
                                  2480+*  STATUS - MVS/XA DFP RELEASE 4.1.0                                 @L5C
                                  2481+*
                                  2482+*****************************************************************************
                            00080 2483+DCBBITO  EQU   128                                             @ZA05613 01-DCBD
                            00040 2484+DCBBIT1  EQU   64                                              @ZA05613 01-DCBD
                            00020 2485+DCBBIT2  EQU   32                                              @ZA05613 01-DCBD
                            00010 2486+DCBBIT3  EQU   16                                              @ZA05613 01-DCBD
                            00008 2487+DCBBIT4  EQU   8                                               @ZA05613 01-DCBD
                            00004 2488+DCBBIT5  EQU   4                                               @ZA05613 01-DCBD
                            00002 2489+DCBBIT6  EQU   2                                               @ZA05613 01-DCBD
                            00001 2490+DCBBIT7  EQU   1                                               @ZA05613 01-DCBD
                                  2491+*****************************************************************************
                                  2492+*****************************************************************************
                                  2493+*                      BTAM LINE GROUP INTERFACE
                                  2494+*****************************************************************************
000000                      00014 2495+         ORG   IHADCB+20                                                 01-DCBD
000014                            2496+DCBBUFCB DS    OA             ADDRESS OF BUFFER POOL CONTROL BLOCK      01-DCBD
000014                            2497+DCBBUFNO DS    FL1            NUMBER OF BUFFERS OBTAINED BY OPEN        01-DCBD
000015                            2498+DCBBUFCA DS    AL3            ADDRESS OF BUFFER POOL CONTROL BLOCK      01-DCBD
000018                            2499+DCBBUFL  DS    H              BUFFER LENGTH                             01-DCBD
00001A                            2500+DCBDSORG DS    OBL2           DATA SET ORGANIZATION BEING USED          01-DCBD
00001A                            2501+DCBDSRG1 DS    BL1            FIRST BYTE OF DCBDSORG                    01-DCBD
                            00080 2502+DCBDSGIS EQU   DCBBITO        IS - INDEXED SEQUENTIAL ORGANIZATION      01-DCBD
                            00040 2503+DCBDSGPS EQU   DCBBIT1        PS - PHYSICAL SEQUENTIAL ORGANIZATION     01-DCBD
                            00020 2504+DCBDSGDA EQU   DCBBIT2        DA - DIRECT ORGANIZATION                  01-DCBD
                            00010 2505+DCBDSGCX EQU   DCBBIT3        CX - BTAM OR QTAM LINE GROUP              01-DCBD
                            00002 2506+DCBDSGPO EQU   DCBBIT6        PO - PARTITIONED ORGANIZATION             01-DCBD
                            00001 2507+DCBDSGU  EQU   DCBBIT7        U  - UNMOVABLE, THE DATA CONTAINS         01-DCBD
                                  2508+*                               LOCATION DEPENDENT INFORMATION
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM H V 02 15.46 09/01/98

00001B                         2509+DCBDSRG2 DS    BL1             SECOND BYTE OF DCBDSORG                    01-DCBD
                        00080  2510+DCBDSGGS EQU   DCBBIT0         GS - GRAPHICS ORGANIZATION                 01-DCBD
                        00040  2511+DCBDSGTX EQU   DCBBIT1         TX - TCAM LINE GROUP                       01-DCBD
                        00020  2512+DCBDSGTQ EQU   DCBBIT2         TQ - TCAM MESSAGE QUEUE                    01-DCBD
                        00008  2513+DCBACBM  EQU   DCBBIT4         ACCESS METHOD CONTROL BLOCK                01-DCBD
                        00004  2514+DCBDSGTR EQU   DCBBIT5         TR - TCAM 3705                             01-DCBD
00001C                         2515+DCBIOBAD DS    OA              BASE FOR ADDRESSING IOB'S (BASE = ADDRESS 01-DCBD
                               2516+*                              OF FIRST IOB MINUS LENGTH OF AN IOB)
00001C                         2517+         DS    FL1             DCBDEVTP - INDEX TO DEVICE ENTRY IN THE    01-DCBD
                               2518+*                              DEVICE I/O DIRECTORY
00001D                         2519+DCBIOBAA DS    AL3             SAME AS DCBIOBAD ABOVE                     01-DCBD
000020                         2520+DCBHIARC DS    OBL1            HIERARCHY FLAG BITS                        01-DCBD
000020                         2521+DCBBFTEK DS    BL1             BUFFERING TECHNIQUE FLAG BITS              01-DCBD
                        00080  2522+DCBH1    EQU   DCBBIT0         HIERARCHY 1 MAIN STORAGE - BIT 5 IS ZERO   01-DCBD
                        00070  2523+DCBBFT   EQU   DCBBIT1+DCBBIT2+DCBBIT3 BUFFERING TECHNIQUE               01-DCBD
                        00060  2524+DCBBFTA  EQU   DCBBIT1+DCBBIT2   QSAM LOCATE MODE PROCESSING OF SPANNED 01-DCBD
                               2525+*                              RECORDS - OPEN IS TO CONSTRUCT A RECORD
                               2526+*                              AREA IF IT AUTOMATICALLY CONSTRUCTS
                               2527+*                              BUFFERS
                        00020  2528+DCBBFTR  EQU   DCBBIT2         FOR BSAM CREATE BDAM PROCESSING OF         01-DCBD
                               2529+*                              UNBLOCKED SPANNED RECORDS - SOFTWARE
                               2530+*                              TRACK OVERFLOW.  FOR BSAM INPUT
                               2531+*                              PROCESSING OF UNBLOCKED SPANNED RECORDS
                        00040  2532+DCBBFTS  EQU   DCBBIT1         SIMPLE BUFFERING - BIT 3 IS ZERO           01-DCBD
                        00020  2533+DCBBFTKR EQU   DCBBIT2         UNBLOCKED SPANNED RECORDS - SOFTWARE       01-DCBD
                               2534+*                              TRACK OVERFLOW (BDAM)
                        00010  2535+DCBBFTE  EQU   DCBBIT3         EXCHANGE BUFFERING - BIT 1 IS ZERO         01-DCBD
                        00008  2536+DCBBFTKD EQU   DCBBIT4         DYNAMIC BUFFERING (BTAM)                   01-DCBD
                        00008  2537+DCBBFTK  EQU   DCBBIT4         LRECL  IN 'K' UNITS FOR XLRI         @L2A  01-DCBD
                        00068  2538+DCBBXLRI EQU   DCBBIT1+DCBBIT2+DCBBIT4   EXTENDED LOGICAL RECORD  @L2A  01-DCBD
                               2539+*                                 INTERFACE MODE FOR SPANNED  @L2A
                               2540+*                                 RECORDS GREATER THAN 32K -  @L2A
                               2541+*                                 ALL RECORDS TRANSFERRED TO  @L2A
                               2542+*                                 OR FROM THE RECORD AREA.    @L2A
                        00004  2543+DCBHO    EQU   DCBBIT5         HIERARCHY 0 MAIN STORAGE - BIT 0 IS ZERO   01-DCBD
                        00003  2544+DCBBFA   EQU   DCBBIT6+DCBBIT7   BUFFER ALIGNMENT                         01-DCBD
                        00002  2545+DCBBFAD  EQU   DCBBIT6         DOUBLEWORD BOUNDARY                        01-DCBD
                        00001  2546+DCBBFAF1 EQU   DCBBIT7         FULLWORD NOT A DOUBLEWORD BOUNDARY,        01-DCBD
                               2547+*                              CODED IN DCB MACRO INSTRUCTION
                        00003  2548+DCBBFAF2 EQU   DCBBIT6+DCBBIT7   FULLWORD NOT A DOUBLEWORD BOUNDARY,   01-DCBD
                               2549+*                              CODED IN DCB MACRO INSTRUCTION
000021                         2550+         DS    BL1             DCBERROP - ERROR RECOVERY PROCEDURE BITS   01-DCBD
000022                         2551+         DS    FL1             DCBBUFCT - MAX NUMBER OF READ BUFFERS      01-DCBD
000023                         2552+         DS    X               RESERVED                                   01-DCBD
000024                         2553+DCBEXLST DS    OA              ADDRESS OF USER-PROVIDED EXIT LIST         01-DCBD
000024                         2554+         DS    FL1             DCBEIOBX - SIZE OF IOB                     01-DCBD
000025                         2555+DCBEXLSA DS    AL3             ADDRESS OF USER-PROVIDED EXIT LIST         01-DCBD
000028                  00021  2556+         ORG   IHADCB+33                                                  01-DCBD
000021                         2557+DCBERROP DS    BL1             ERROR RECOVERY PROCEDURE BITS              01-DCBD
                        00010  2558+DCBERPT  EQU   DCBBIT3         ON-LINE TEST FACILITIES TO BE USED         01-DCBD
                        00008  2559+DCBERPC  EQU   DCBBIT4         THRESHOLD AND CUMULATIVE ERROR COUNTS TO   01-DCBD
                               2560+*                              BE MAINTAINED
                        00004  2561+DCBERPW  EQU   DCBBIT5         TEXT-WRITE ERRORS TO BE RETRIED            01-DCBD
                        00002  2562+DCBERPR  EQU   DCBBIT6         TEXT-READ ERRORS TO BE RETRIED             01-DCBD
                        00001  2563+DCBERPN  EQU   DCBBIT7         IF ZERO, BASIC ERP TO BE FOLLOWED ---      01-DCBD
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98
                                   2564+*                          IF ONE, NO ERP TO BE FOLLOWED
000022                             2565+DCBBUFCT DS    FL1         CONTAINS MAXIMUM NUMBER OF BUFFERS TO BE  01-DCBD
                                   2566+*                          OBTAINED BY BTAM FOR READ OPERATION
                                   2567+*                          (DYNAMIC BUFFERING ONLY)
                                   2568+*****************************************************************
                                   2569+*                       QTAM LINE GROUP INTERFACE
                                   2570+*****************************************************************
000023                      00014  2571+          ORG   IHADCB+20                                          01-DCBD
000014                             2572+DCBCLPS  DS    OA          ADDRESS OF LINE PROCEDURE SPECIFICATION   01-DCBD
                                   2573+*                          ROUTINE
000014                             2574+DCBBUFRQ DS    FL1         NUMBER OF BUFFERS REQUESTED FOR A READ    01-DCBD
                                   2575+*                          OR WRITE OPERATION
000015                             2576+DCBCLPSA DS    AL3         SAME AS DCBCLPS ABOVE                     01-DCBD
000018                             2577+DCBINTVL DS    FL1         NUMBER OF SECONDS OF INTENTIONAL DELAY    01-DCBD
                                   2578+*                          BETWEEN PASSES THROUGH A POLLING LIST
                                   2579+*                          FOR NONSWITCHED LINES
000019                             2580+          DS    X           RESERVED                                  01-DCBD
00001A                             2581+          DS    OBL2        DCBDSORG - DATA SET ORGANIZATION          01-DCBD
00001A                             2582+          DS    BL1         DCBDSRG1 - FIRST BYTE OF DCBDSORG         01-DCBD
00001B                             2583+          DS    BL1         DCBDSRG2 - SECOND BYTE OF DCBDSORG        01-DCBD
00001C                             2584+DCBDEVTP DS    AL1         DEVICE TYPE POINTER                       01-DCBD
00001D                             2585+          DS    AL3         DCBIOBAA - ADDRESS OF FIRST IOB           01-DCBD
000020                      00020  2586+          ORG   IHADCB+32                                          01-DCBD
000020                             2587+DCBLCBAD DS    OA          BASE FOR ADDRESSING LCB'S (BASE = ADDRESS 01-DCBD
                                   2588+*                          OF FIRST LCB MINUS LENGTH OF ONE LCB)
000020                             2589+DCBCPRI  DS    BL1         COMMUNICATION PRIORITY BITS               01-DCBD
                            00004  2590+DCBCPR   EQU   DCBBIT5       RECEIVING HAS PRIORITY                    01-DCBD
                            00002  2591+DCBCPE   EQU   DCBBIT6       RECEIVING AND SENDING HAVE EQUAL PRIORITY 01-DCBD
                            00001  2592+DCBCPS   EQU   DCBBIT7       SENDING HAS PRIORITY                      01-DCBD
000021                             2593+DCBLCBA  DS    AL3         SAME AS DCBLCBAD ABOVE                    01-DCBD
000024                             2594+DCBEIOBX DS    FL1         EXTENDED IOB INDEX.  SIZE OF LCB.         01-DCBD
000025                             2595+          DS    AL3         DCBEXLSA - ADDRESS OF EXIT LIST           01-DCBD
                                   2596+*****************************************************************
                                   2597+*                       FOUNDATION BEFORE OPEN
                                   2598+*****************************************************************
000028                      00028  2599+          ORG   IHADCB+40                                          01-DCBD
000028                             2600+DCBDDNAM DS    CL8         NAME ON THE DD STATEMENT WHICH DEFINES    01-DCBD
                                   2601+*                          THE DATA SET ASSOCIATED WITH THIS DCB
000030                             2602+DCBOFLGS DS    BL1         FLAGS USED BY OPEN ROUTINE                01-DCBD
                            00080  2603+DCBOFLWR EQU   DCBBITO       IF ZERO, LAST I/O OPERATION WAS READ OR   01-DCBD
                                   2604+*                          POINT.  IF ONE, LAST I/O OPERATION WAS
                                   2605+*                          WRITE.
                            00080  2606+DCBOFIOD EQU   DCBBITO       DATA SET IS BEING OPENED FOR INPUT OR     01-DCBD
                                   2607+*                          OUTPUT (BDAM)
                            00040  2608+DCBOFLRB EQU   DCBBIT1       LAST I/O OPERATION WAS IN READ BACKWARD   01-DCBD
                                   2609+*                          MODE
                            00020  2610+DCBOFEOV EQU   DCBBIT2       SET TO 1 BY EOV WHEN IT CALLS CLOSE       01-DCBD
                                   2611+*                          ROUTINE FOR CONCATENATION OF DATA SETS
                                   2612+*                          WITH UNLIKE ATTRIBUTES
                            00010  2613+DCBOFOPN EQU   DCBBIT3       AN OPEN HAS BEEN SUCCESSFULLY COMPLETED   01-DCBD
                            00008  2614+DCBOFPPC EQU   DCBBIT4       SET TO 1 BY PROBLEM PROGRAM TO INDICATE A 01-DCBD
                                   2615+*                          CONCATENATION OF UNLIKE ATTRIBUTES
                            00004  2616+DCBOFTM  EQU   DCBBIT5       TAPE MARK HAS BEEN READ                   01-DCBD
                            00002  2617+DCBOFUEX EQU   DCBBIT6       SET TO 0 BY AN I/O SUPPORT FUNCTION WHEN  01-DCBD
                                   2618+*                          THAT FUNCTION TAKES A USER EXIT. SET TO 1
```

```
LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98
                                 2619+*                          ON RETURN FROM USER EXIT TO THE I/O
                                 2620+*                          SUPPORT FUNCTION WHICH TOOK THE EXIT.
                           00001 2621+DCBOFIOF EQU   DCBBIT7     SET TO 1 BY AN I/O SUPPORT FUNCTION IF    01-DCBD
                                 2622+*                          DCB IS TO BE PROCESSED BY THAT FUNCTION
000031                           2623+DCBIFLG  DS    BL1         FLAGS USED BY IOS IN COMMUNICATING ERROR  01-DCBD
                                 2624+*                          CONDITIONS AND IN DETERMINING CORRECTIVE
                                 2625+*                          PROCEDURES
                           000C0 2626+DCBIBEC  EQU   DCBBIT0+DCBBIT1   ERROR CORRECTION INDICATOR          01-DCBD
                           00000 2627+DCBIFNEP EQU   X'00'       NOT IN ERROR PROCEDURE                    01-DCBD
                           00040 2628+DCBEX    EQU   DCBBIT1     ERROR CORRECTION OR IOS PAGE FIX IN       01-DCBD
                                 2629+*                          PROCESS
                           000C0 2630+DCBIFPEC EQU   DCBBIT0+DCBBIT1   PERMANENT ERROR CORRECTION        01-DCBD
                           00030 2631+DCBIBPCT EQU   DCBBIT2+DCBBIT3   PRINTER CARRIAGE TAPE PUNCH INDICATOR 01-DCBD
                           00020 2632+DCBIFC9  EQU   DCBBIT2     CHANNEL 9 PRINTER CARRIAGE TAPE PUNCH     01-DCBD
                                 2633+*                          SENSED
                           00010 2634+DCBIFC12 EQU   DCBBIT3     CHANNEL 12 PRINTER CARRIAGE TAPE PUNCH    01-DCBD
                                 2635+*                          SENSED
                           0000C 2636+DCBIBIOE EQU   DCBBIT4+DCBBIT5   IOS ERROR ROUTINE USE INDICATOR    01-DCBD
                           00000 2637+DCBIFER  EQU   X'00'       ALWAYS USE I/O SUPERVISOR ERROR ROUTINE   01-DCBD
                           00004 2638+DCBIFNE1 EQU   DCBBIT5     NEVER USE I/O SUPERVISOR ERROR ROUTINE    01-DCBD
                           00004 2639+DCBIFTIM EQU   DCBBIT5     TEST IOS MASK (IMSK) FOR ERROR PROCEDURE  01-DCBD
                                 2640+*                          (BTAM)
                           00008 2641+DCBIFNE2 EQU   DCBBIT4     NEVER USE I/O SUPERVISOR ERROR ROUTINE    01-DCBD
                           0000C 2642+DCBIFNE3 EQU   DCBBIT4+DCBBIT5   NEVER USE I/O SUPERVISOR ERROR ROUTINE 01-DCBD
000032                           2643+DCBMACR  DS    OBL2        MACRO INSTRUCTION REFERENCE               01-DCBD
000032                           2644+DCBMACR1 DS    BL1         FIRST BYTE OF DCBMACR                     01-DCBD
                           00080 2645+DCBMRECP EQU   DCBBIT0     EXECUTE CHANNEL PROGRAM (EXCP) ---        01-DCBD
                                 2646+*                          ALWAYS ZERO (BSAM, QSAM, BPAM, BISAM,
                                 2647+*                          QISAM, BDAM) --- RESERVED (QTAM, BTAM)
                           00040 2648+DCBMRFE  EQU   DCBBIT1     FOUNDATION EXTENSION IS PRESENT (EXCP)    01-DCBD
                           00040 2649+DCBMRGET EQU   DCBBIT1     GET (QSAM, QISAM, TCAM)                   01-DCBD
                           00040 2650+DCBMRPTQ EQU   DCBBIT1     PUT FOR MESSAGE GROUP (QTAM) ---          01-DCBD
                                 2651+*                          ALWAYS ZERO (BSAM, BPAM, BISAM, BDAM) ---
                                 2652+*                          RESERVED (BTAM)
                           00020 2653+DCBMRAPG EQU   DCBBIT2     APPENDAGES ARE REQUIRED (EXCP)            01-DCBD
                           00020 2654+DCBMRRD  EQU   DCBBIT2     READ (BSAM, BPAM, BISAM, BDAM, BTAM)      01-DCBD
                           00020 2655+DCBMRWRQ EQU   DCBBIT2     WRITE FOR LINE GROUP (QTAM) ---           01-DCBD
                                 2656+*                          ALWAYS ZERO (QSAM, QISAM)
                           00010 2657+DCBMRCI  EQU   DCBBIT3     COMMON INTERFACE (EXCP)                   01-DCBD
                           00010 2658+DCBMRMVG EQU   DCBBIT3     MOVE MODE OF GET (QSAM, QISAM)            01-DCBD
                           00010 2659+DCBMRRDK EQU   DCBBIT3     KEY SEGMENT WITH READ (BDAM) ---          01-DCBD
                                 2660+*                          ALWAYS ZERO (BISAM) ---
                                 2661+*                          RESERVED (BSAM, BPAM, QTAM, BTAM)
                           00008 2662+DCBMRLCG EQU   DCBBIT4     LOCATE MODE OF GET (QSAM, QISAM)          01-DCBD
                           00008 2663+DCBMRRDI EQU   DCBBIT4     ID ARGUMENT WITH READ (BDAM) ---          01-DCBD
                                 2664+*                          ALWAYS ZERO (BISAM) ---
                                 2665+*                          RESERVED (EXCP, BSAM, BPAM, QTAM, BTAM)
                           00004 2666+DCBMRABC EQU   DCBBIT5     USER'S PROGRAM MAINTAINS ACCURATE BLOCK   01-DCBD
                                 2667+*                          COUNT (EXCP)
                           00004 2668+DCBMRPT1 EQU   DCBBIT5     POINT (WHICH IMPLIES NOTE) (BSAM, BPAM)   01-DCBD
                           00004 2669+DCBMRSBG EQU   DCBBIT5     SUBSTITUTE MODE OF GET (QSAM)             01-DCBD
                           00004 2670+DCBMRDBF EQU   DCBBIT5     DYNAMIC BUFFERING (BISAM, BDAM) ---       01-DCBD
                                 2671+*                          ALWAYS ZERO (QISAM) ---
                                 2672+*                          RESERVED (QTAM, BTAM)
                           00002 2673+DCBPGFXA EQU   DCBBIT6     PAGE FIX APPENDAGE IS SPECIFIED (EXCP)    01-DCBD
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                           00002  2674+DCBMRCRL EQU   DCBBIT6        CNTRL (BSAM, QSAM)                              01-DCBD
                           00002  2675+DCBMRCHK EQU   DCBBIT6        CHECK (BISAM)                                   01-DCBD
                           00002  2676+DCBMRRDX EQU   DCBBIT6        READ EXCLUSIVE (BDAM) ---                       01-DCBD
                                  2677+*               DCBBIT6        RESERVED (BPAM, QISAM, QTAM, BTAM)
                           00001  2678+DCBMRDMG EQU   DCBBIT7        DATA MODE OF GET (QSAM)                         01-DCBD
                           00001  2679+DCBMRCK  EQU   DCBBIT7        CHECK (BDAM) --- RESERVED (EXCP, BSAM,          01-DCBD
                                  2680+*               DCBBIT7        BPAM, BISAM, QISAM, QTAM, BTAM)
000033                            2681+DCBMACR2 DS    BL1            SECOND BYTE OF DCBMACR                          01-DCBD
                           00080  2682+DCBMRSTL EQU   DCBBITO        SETL (QISAM) --- ALWAYS ZERO (BSAM, QSAM,       01-DCBD
                                  2683+*               DCBBITO        BPAM, BISAM, BDAM) ---
                                  2684+*               DCBBITO        RESERVED (EXCP, QTAM, BTAM)
                           00040  2685+DCBMRPUT EQU   DCBBIT1        PUT (QSAM, TCAM) - PUT OR PUTX (QISAM)          01-DCBD
                           00040  2686+DCBMRGTQ EQU   DCBBIT1        GET FOR MESSAGE GROUP (QTAM) ---                01-DCBD
                                  2687+*               DCBBIT1        ALWAYS ZERO (BSAM, BPAM, BISAM, BDAM) ---
                                  2688+*               DCBBIT1        RESERVED (EXCP, BTAM)
                           00020  2689+DCBMRWRT EQU   DCBBIT2        WRITE (BSAM, BPAM, BISAM, BDAM, BTAM)           01-DCBD
                           00020  2690+DCBMRRDQ EQU   DCBBIT2        READ FOR LINE GROUP (QTAM) ---                  01-DCBD
                                  2691+*               DCBBIT2        ALWAYS ZERO (QSAM, QISAM) ---
                                  2692+*               DCBBIT2        RESERVED (EXCP)
                           00010  2693+DCBMRMVP EQU   DCBBIT3        MOVE MODE OF PUT (QSAM, QISAM)                  01-DCBD
                           00010  2694+DCBMRWRK EQU   DCBBIT3        KEY SEGMENT WITH WRITE (BDAM) ---               01-DCBD
                                  2695+*               DCBBIT3        ALWAYS ZERO (BISAM) ---
                                  2696+*               DCBBIT3        RESERVED (EXCP, BSAM, BPAM, QTAM, BTAM)
                           00008  2697+DCBMR5WD EQU   DCBBIT4        FIVE-WORD DEVICE INTERFACE (EXCP)               01-DCBD
                           00008  2698+DCBMRLDM EQU   DCBBIT4        LOAD MODE BSAM (CREATE BDAM DATA SET)           01-DCBD
                                  2699+*               DCBBIT4        (BSAM)
                           00008  2700+DCBMRLCP EQU   DCBBIT4        LOCATE MODE OF PUT (QSAM, QISAM)                01-DCBD
                           00008  2701+DCBMRIDW EQU   DCBBIT4        ID ARGUMENT WITH WRITE (BDAM) ---               01-DCBD
                                  2702+*               DCBBIT4        ALWAYS ZERO (BISAM) ---
                                  2703+*               DCBBIT4        RESERVED (BPAM, QTAM, BTAM)
                           00004  2704+DCBMR4WD EQU   DCBBIT5        FOUR-WORD DEVICE INTERFACE (EXCP)               01-DCBD
                           00004  2705+DCBMRPT2 EQU   DCBBIT5        POINT (WHICH IMPLIES NOTE) (BSAM, BPAM)         01-DCBD
                           00004  2706+DCBMRTMD EQU   DCBBIT5        SUBSTITUTE MODE (QSAM)                          01-DCBD
                           00004  2707+DCBMRUIP EQU   DCBBIT5        UPDATE IN PLACE (PUTX) (QISAM) ---              01-DCBD
                                  2708+*               DCBBIT5        ALWAYS ZERO (BISAM) ---
                                  2709+*               DCBBIT5        RESERVED (BDAM, QTAM, BTAM)
                           00002  2710+DCBMR3WD EQU   DCBBIT6        THREE-WORD DEVICE INTERFACE (EXCP)              01-DCBD
                           00002  2711+DCBMRCTL EQU   DCBBIT6        CNTRL (BSAM, QSAM)                              01-DCBD
                           00002  2712+DCBMRSTK EQU   DCBBIT6        SETL BY KEY (QISAM)                             01-DCBD
                           00002  2713+DCBMRAWR EQU   DCBBIT6        ADD TYPE OF WRITE (BDAM) ---                    01-DCBD
                                  2714+*               DCBBIT6        ALWAYS ZERO (BISAM) ---
                                  2715+*               DCBBIT6        RESERVED (BPAM, QTAM, BTAM)
                           00001  2716+DCBMR1WD EQU   DCBBIT7        ONE-WORD DEVICE INTERFACE (EXCP)                01-DCBD
                           00001  2717+DCBMRSWA EQU   DCBBIT7        USER'S PROGRAM HAS PROVIDED A SEGMENT           01-DCBD
                                  2718+*               DCBBIT7        WORK AREA POOL (BSAM CREATE BDAM, BDAM)
                           00001  2719+DCBMRDMD EQU   DCBBIT7        DATA MODE (QSAM)                                01-DCBD
                           00001  2720+DCBMRSTI EQU   DCBBIT7        SETL BY ID (QISAM) ---                          01-DCBD
                                  2721+*               DCBBIT7        ALWAYS ZERO (BISAM) ---
                                  2722+*               DCBBIT7        RESERVED (BPAM, QTAM, BTAM)
                                  2723+*         AIF   (NOT &DSORGXE).C8A8                                  @L1A
                           00034  2724+DCBLNGXE EQU   *-IHADCB       LENGTH OF DCB FOR EXCP WITH                @L1A 01-DCBD
                                  2725+*               DCBLNGXE       EXTENSION INTERFACE                        @L1A
                                  2726+*****************************************************************************
                                  2727+*                          FOUNDATION AFTER OPEN
                                  2728+*****************************************************************************
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM H V 02 15.46 09/01/98
000034                     00028  2729+          ORG   IHADCB+40                                                    01-DCBD
000028                            2730+DCBTIOT   DS    AL2           OFFSET FROM TIOT ORIGIN TO TIOELNGH FIELD  01-DCBD
                                  2731+*                             IN TIOT ENTRY FOR DD STATEMENT ASSOCIATED
                                  2732+*                             WITH THIS DCB
00002A                            2733+DCBMACRF  DS    OBL2          SAME AS DCBMACR BEFORE OPEN                  01-DCBD
00002A                            2734+DCBMACF1  DS    BL1           FIRST BYTE OF DCBMACRF                       01-DCBD
00002B                            2735+DCBMACF2  DS    BL1           SECOND BYTE OF DCBMACRF                      01-DCBD
00002C                            2736+DCBDEBAD  DS    OA            ADDRESS OF ASSOCIATED DEB                    01-DCBD
00002C                            2737+DCBIFLGS  DS    BL1           SAME AS DCBIFLG BEFORE OPEN                  01-DCBD
                           000C0  2738+DCBIFEC   EQU   DCBBIT0+DCBBIT1   ERROR CORRECTION INDICATOR               01-DCBD
                           00030  2739+DCBIFPCT  EQU   DCBBIT2+DCBBIT3   PRINTER CARRIAGE TAPE PUNCH INDICATOR  01-DCBD
                           0000C  2740+DCBIFIOE  EQU   DCBBIT4+DCBBIT5   IOS ERROR ROUTINE USE INDICATOR        01-DCBD
                           00002  2741+DCBIFLDT  EQU   DCBBIT6         POSSIBLE LOST DATA CONDITION     @4248OLP 01-DCBD
                                  2742+*                             SUCH AS FOR A PRINTER            @4248OLP
00002D                            2743+DCBDEBA   DS    AL3           ADDRESS OF ASSOCIATED DEB                    01-DCBD
000030                     00030  2744+          ORG   IHADCB+48                                                    01-DCBD
000030                            2745+DCBREAD   DS    OA            ADDRESS OF READ MODULE                       01-DCBD
000030                            2746+DCBWRITE  DS    OA            ADDRESS OF WRITE MODULE          @ZA11086 01-DCBD
000030                            2747+DCBOFLG   DS    BL1           SAME AS DCBOFLGS BEFORE OPEN     @ZA11086 01-DCBD
000031                            2748+DCBREADA  DS    OAL3          ADDRESS OF READ MODULE           @ZA11086 01-DCBD
000031                            2749+DCBWRITA  DS    AL3           ADDRESS OF WRITE MODULE          @ZA11086 01-DCBD
000034                     00030  2750+          ORG   IHADCB+48                                                    01-DCBD
000030                            2751+DCBGET    DS    OA            ADDRESS OF GET MODULE                        01-DCBD
000030                            2752+DCBPUT    DS    OA            ADDRESS OF PUT MODULE            @ZA11086 01-DCBD
000030                            2753+DCBOFLG1  DS    BL1           SAME AS DCBOFLGS BEFORE OPEN     @ZA14562 01-DCBD
000031                            2754+DCBGETA   DS    OAL3          ADDRESS OF GET MODULE            @ZA11086 01-DCBD
000031                            2755+DCBPUTA   DS    AL3           ADDRESS OF PUT MODULE            @ZA11086 01-DCBD
                                  2756+*************************************************************************
                                  2757+*                          QTAM INTERFACE
                                  2758+*************************************************************************
000034                     00034  2759+          ORG   IHADCB+52                                                    01-DCBD
000034                            2760+DCBKSTAT  DS    OCL4          FOUR THRESHOLD VALUES FOR ERROR COUNTS       01-DCBD
000034                            2761+DCBKSTA1  DS    FL1           THRESHOLD VALUE FOR NUMBER OF                01-DCBD
                                  2762+*                             TRANSMISSIONS
000035                            2763+DCBKSTA2  DS    FL1           THRESHOLD VALUE FOR NUMBER OF DATA CHECKS    01-DCBD
000036                            2764+DCBKSTA3  DS    FL1           THRESHOLD VALUE FOR NUMBER OF                01-DCBD
                                  2765+*                             INTERVENTIONS REQUIRED
000037                            2766+DCBKSTA4  DS    FL1           THRESHOLD VALUE FOR NUMBER OF TIMEOUTS       01-DCBD
                                  2767+*************************************************************************
                                  2768+*                       QTAM POLLING LIST ORIGIN
                                  2769+*************************************************************************
000038                            2770+DCBCPOLL  DS    OA            A 4-BYTE FIELD FOR EACH POLLING LIST         01-DCBD
000038                            2771+DCBPLBYT  DS    BL1           ADAPTER TYPE                                 01-DCBD
                           00008  2772+DCBCPWTT  EQU   DCBBIT4       WTTA                                         01-DCBD
000039                            2773+DCBCPOLA  DS    AL3           ADDRESS OF THE POLLING LIST                  01-DCBD
                           0003C  2774+DCBLNGQX  EQU   *-IHADCB       LENGTH OF DCB FOR QTAM INTERFACE      @L1A 01-DCBD
                           0003C  2775+DCBLNGCX  EQU   *-IHADCB       LENGTH OF DCB FOR QTAM AND BTAM       @L1AX01-DCBD
                                    +                                INTERFACE                             @L1A
                                  2776+*************************************************************************
                                  2777+*                          BTAM INTERFACE
                                  2778+*************************************************************************
00003C                     00034  2779+          ORG   IHADCB+52                                                    01-DCBD
000034                            2780+DCBLERB   DS    OA            ADDRESS OF LINE ERROR BLOCK                  01-DCBD
000034                            2781+DCBRDYI   DS    OX            READYQ INDICATORS                            01-DCBD
                           00004  2782+DCBRDYPO  EQU   DCBBIT5       APPLICATION REQUESTS NOTIFICATION OF @O2A 01-DCBD
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                           2783+*                          POWER-ON THAT IS AFTER INITIAL READY @02A
                     00002 2784+DCBRDYIQ EQU   DCBBIT6     ADDRESS IS READYQ AND NOT LERB              01-DCBD
                     00001 2785+DCBRDYIZ EQU   DCBBIT7     READYQ SPECIFIED, BUT ADDRESS WAS 0,        01-DCBD
                           2786+*                          SO USING BTAM READYQ ROUTINE
000034                     2787+DCBRDYQ  DS    A           ADDRESS OF USER/BTAM ROUTINE TO PROCESS  01-DCBD
                           2788+*                          LOCAL 3270 DEVICE READY INTERRUPTS
                           2789+*****************************************************************
                           2790+*                              BSC INTERFACE
                           2791+*****************************************************************
000038                     00038 2792+          ORG   IHADCB+56                                    01-DCBD
000038                           2793+DCBXMODE DS    BL1         MODE OF TRANSMISSION FOR BINARY      01-DCBD
                           2794+*                          SYNCHRONOUS COMMUNICATION (BSC)
                     00040 2795+DCBXMIBC EQU   DCBBIT1     INTERMEDIATE BLOCK CHECKING IS TO BE     01-DCBD
                           2796+*                          PERFORMED
                     00020 2797+DCBXMDA1 EQU   DCBBIT2     TRANSMISSION IS THROUGH A 2701 DATA      01-DCBD
                           2798+*                          ADAPTER UNIT DUAL COMMUNICATION
                           2799+*                          INTERFACE B
                     00008 2800+DCBXMDA2 EQU   DCBBIT4     TRANSMISSION IS IN CODE B FOR A 2701     01-DCBD
                           2801+*                          DATA ADAPTER UNIT DUAL CODE FEATURE
000039                     2802+DCBXCODE DS    BL1         BSC CONTROL STATION FLAG AND             01-DCBD
                           2803+*                          TRANSMISSION CODE
                     00080 2804+DCBXCCSF EQU   DCBBIT0     BSC CONTROL STATION FLAG ---             01-DCBD
                           2805+*                          IF ZERO, THIS IS THE CONTROL STATION.
                           2806+*                          IF ONE, THIS IS THE REMOTE STATION.
                     00040 2807+DCBXCPTP EQU   DCBBIT1     IF PTOP IS SPECIFIED IN SYSGEN PROCEDURE 01-DCBD
                           2808+*                          - SCHEDULE AN ASYNCHRONOUS EXIT TO
                           2809+*                          INTERFACE RESOLUTION ROUTINE
                     00020 2810+DCBXCTR1 EQU   DCBBIT2     6-BIT TRANSCODE IS BEING USED (BIT 4 IS  01-DCBD
                           2811+*                          ALSO ON)
                     00010 2812+DCBXCAS1 EQU   DCBBIT3     USASCII TRANSMISSION CODE IS BEING USED  01-DCBD
                           2813+*                          (BIT 5 IS ALSO ON)
                     0000C 2814+DCBXCEBC EQU   DCBBIT4+DCBBIT5   IF BOTH BITS ARE ZERO, EBCDIC      01-DCBD
                           2815+*                          TRANSMISSION CODE IS BEING USED.
                     00008 2816+DCBXCTR2 EQU   DCBBIT4     6-BIT TRANSCODE IS BEING USED (BIT 2 IS  01-DCBD
                           2817+*                          ALSO ON)
                     00004 2818+DCBXCAS2 EQU   DCBBIT5     USASCII TRANSMISSION CODE IS BEING USED  01-DCBD
                           2819+*                          (BIT 3 IS ALSO ON)
00003A                     2820+DCBBSRSV DS    CL1         DLE CONTROL CHARACTER                    01-DCBD
00003B                     2821+DCBBSWBT DS    X           RESERVED                                 01-DCBD
00003C                     2822+DCBIRRAD DS    0A          BEFORE OPEN - IF PTOP IS SPECIFIED IN THE 01-DCBD
                           2823+*                          SYSGEN PROCEDURE, ADDRESS OF INTERFACE
                           2824+*                          RESOLUTION ROUTINE.
                           2825+*                          AFTER OPEN, THE FOLLOWING 4 CHARACTERS
                           2826+*                          OCCUPY THIS SPACE.
00003C                     2827+DCBBSTSX DS    CL1         DLE CONTROL CHARACTER                    01-DCBD
00003D                     2828+DCBBSSTX DS    CL1         STX CONTROL CHARACTER                    01-DCBD
00003E                     2829+DCBBSTEX DS    CL1         DLE CONTROL CHARACTER                    01-DCBD
00003F                     2830+DCBBSETX DS    CL1         ETX CONTROL CHARACTER                    01-DCBD
000040                     2831+DCBBSAK0 DS    CL2         ACK-0 CONTROL CHARACTER                  01-DCBD
000042                     2832+DCBBSAK1 DS    CL2         ACK-1 CONTROL CHARACTER                  01-DCBD
000044                     2833+DCBBSENQ DS    CL1         ENQ CONTROL CHARACTER                    01-DCBD
000045                     2834+DCBBSNAK DS    CL1         NAK CONTROL CHARACTER                    01-DCBD
000046                     2835+DCBBSETB DS    CL1         ETB CONTROL CHARACTER                    01-DCBD
000047                     2836+DCBBSDLE DS    CL1         DLE CONTROL CHARACTER                    01-DCBD
000048                     2837+DCBBSEOT DS    CL1         EOT CONTROL CHARACTER                    01-DCBD
```

```
  LOC  OBJECT CODE     ADDR1 ADDR2  STMT    SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

000049                            2838+DCBBSSYN DS    CL3          SYN, SYN, SYN CONTROL CHARACTERS          01-DCBD
00004C                            2839+DCBBSONL DS    CL2          SOH % CONTROL CHARACTERS                  01-DCBD
00004E                            2840+DCBBSSAK DS    CL2          WACK CONTROL CHARACTERS                   01-DCBD
000050                            2841+DCBBSRVI DS    CL2          DLE @ CONTROL CHARACTERS                  01-DCBD
000052                            2842+         DS    XL18         RESERVED                                  01-DCBD
                           00064  2843+DCBLNGBX EQU   *-IHADCB     LENGTH OF DCB FOR BTAM INTERFACE     @L1A 01-DCBD
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                  2845          COPY  PLNDSECT                                                  00007600
                                  2846 *                                                                        00000100
                                  2847 *                    D S E C T   F O R   L I N E                         00000200
                                  2848 *                    ***************************                         00000300
                                  2849          IECTDECB                                                        00000400
000000                            2850+IECTDECB DSECT          DECB DUMMY SECTION                               01-IECTD
                                  2851+*        ----------------------------------------
                                  2852+*        +                                      +
                                  2853+*     0  +      STANDARD EVENT CONTROL BLOCK    +
                                  2854+*        +                                      +
                                  2855+*        +--------------------------------------+
                                  2856+*        +                    +                 +
                                  2857+*     4  +  OPERATION TYPE    +    AREA LENGTH  +
                                  2858+*        +                    +                 +
                                  2859+*        +--------------------------------------+
                                  2860+*        + ON-LINE +                            +
                                  2861+*     8  +TERMINAL +        ADDRESS OF DCB      +
                                  2862+*        +  TEST   +                            +
                                  2863+*        +--------------------------------------+
                                  2864+*        +         +                            +
                                  2865+*    12  +RESERVED +        ADDRESS OF AREA     +
                                  2866+*        +         +                            +
                                  2867+*        +--------------------------------------+
                                  2868+*        +                    +                 +
                                  2869+*    16  +    SENSE BYTES     +   RESIDUAL COUNT +
                                  2870+*        +    1    &    2     +                 +
                                  2871+*        +--------------------------------------+
                                  2872+*        +         +                            +
                                  2873+*    20  + COMMAND |   ADDRESS OF TERMINAL LIST  +
                                  2874+*        +   CODE  +                            +
                                  2875+*        +--------------------------------------+
                                  2876+*        +         + RELATIVE+         +        +
                                  2877+*    24  +  STATUS +   LINE  + ADDRESS + VRC/LRC +
                                  2878+*        +  FLAGS  +  NUMBER + RESPONSE+ RESPONSE +
                                  2879+*        +--------------------------------------+
                                  2880+*        +         +         +                  +
                                  2881+*    28  +  TP-OP  +  ERROR  +     CSW STATUS   +
                                  2882+*        +   CODE  +  STATUS +                  +
                                  2883+*        +--------------------------------------+
                                  2884+*        +         +                            +
                                  2885+*    32  +RESERVED +      ADDRESS OF CURRENT    +
                                  2886+*        +         +       ADDRESSING ENTRY     +
                                  2887+*        +--------------------------------------+
                                  2888+*        +         +                            +
                                  2889+*    36  +RESERVED +      ADDRESS OF CURRENT    +
                                  2890+*        +         +        POLLING ENTRY       +
                                  2891+*        +--------------------------------------+
                                  2892+*        +         +         +                  +
                                  2893+*    40  +RESERVED +RESERVED +  WRITE AREA LENGTH +
                                  2894+*        +         +         +                  +
                                  2895+*        +--------------------------------------+
                                  2896+*        +         +                            +
                                  2897+*    44  +RESERVED +   ADDRESS OF WRITE AREA    +
                                  2898+*        +         +                            +
                                  2899+*        ----------------------------------------
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM H V 02 15.46 09/01/98
000000                           2901+DECSDECB DS    1F   STATUS FLAG + ADDRESS OF THE TCB                    01-IECTD
000004                           2903+DECTYPE  DS    1H   OPERATION TYPE                                      01-IECTD
000006                           2905+DECLNGTH DS    1H   AREA LENGTH                                         01-IECTD
000008                           2907+DECONLTT DS    OCL1 RESERVED FOR ON-LINE TERMINAL TEST                  01-IECTD
000008                           2908+DECDCBAD DS    1F   ADDRESS OF DCB                                      01-IECTD
00000C                           2910+DECAREA  DS    1F   ADDRESS OF AREA                                     01-IECTD
000010                           2912+DECSENSO DS    1C   1ST SENSE BYTE                                      01-IECTD
000011                           2914+DECSENS1 DS    1C   2ND SENSE BYTE                                      01-IECTD
000012                           2916+DECCOUNT DS    1H   RESIDUAL COUNT                                      01-IECTD
000014                           2918+DECCMCOD DS    OCL1 COMMAND CODE                                        01-IECTD
000014                           2919+DECENTRY DS    1F   ADDRESS OF TERMINAL LIST                            01-IECTD

000018                           2922+DECFLAGS DS    1C   STATUS FLAGS                                        01-IECTD
000019                           2924+DECRLN   DS    1C   RELATIVE LINE NUMBER                                01-IECTD
00001A                           2926+DECRESPN DS    1H   RESPONSE FIELDS                                     01-IECTD
00001C                           2928+DECTPCOD DS    1C   TP-OP CODE                                          01-IECTD
00001D                           2930+DECERRST DS    1C   ERROR STATUS                                        01-IECTD
00001E                           2932+DECCSWST DS    1H   CSW STATUS                                          01-IECTD
000020                           2934+DECADRPT DS    1F   ADDRESS OF CURRENT ADDRESSING ENTRY                 01-IECTD
000024                           2936+DECPOLPT DS    1F   ADDRESS OF CURRENT POLLING ENTRY                    01-IECTD
000028                           2938+         DS    2C    RESERVED                                           01-IECTD
00002A                           2940+DECWLNG  DS    1H   WRITE AREA LENGTH                                   01-IECTD
00002C                           2942+DECWAREA DS    1F   ADDRESS OF WRITE AREA                               01-IECTD

000030                           2944 PLNPOLL  DS    F                 ADDR OF POLLING LIST                    00000500
000034                           2945 PLNIDX   DS    OF                    LAST POLLED INDEX          SM0933 00000550
000034                           2946 PLNTRTB  DS    F                 ADDR OF TRANSLATE TABLE                 00000600
000038                           2947 PLNRDADR DS    F                 ADDR OF READ OPERATION TABLE            00000700
00003C                           2948 HDRLIST  DS    F                 POINTER TO HEADER SAVE-AREA         RB  00000710
                          0003C  2949 PLNERCNT EQU   HDRLIST                                                SW  00000720
000040                           2950 PLNSW4   DS    OB                BISYNC SWITCHES                       SK  00000730
                          00080  2951 PLNBSCDL EQU   X'80'             USE SWITCHED BISYNC HANDLER           SK  00000740
                          00080  2952 PLNDATOP EQU   X'80'             DATA100 OPEN IN PROGRESS                  00000745
                          00040  2953 PLNBSCLS EQU   X'40'             USE LEASED BISYNC HANDLER             SK  00000750
                          00020  2954 PLNBSDSP EQU   X'20'             LINE HANDLER IS ACTIVE.               SK  00000760
                          00010  2955 PLNGTRVI EQU   X'10'             RVI RECEIVED ON A WRITE               SK  00000770
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM H V 02 15.46 09/01/98

                           00008  2956 PLNGFE    EQU   X'08'            USE GENERALIZED FRONT-END INTRFCE SK 00000780
                           00004  2957 PLNDIAL2  EQU   X'04'                                       PTF599 00000790
                           00002  2958 PLNGFSEG  EQU   X'02'            BLHOT IS WAITING FOR GFE SEGMENT  SK 00000792
000040                            2959 PLNPOLTM  DS    F                NORMAL TIME INTERVAL-WAIT FOR POLLS  00000900
000044                            2960 PLNGFEVT  DS    OF               ADDRESS OF GFE VECTOR TABLE       SK 00000960
000044                            2961 PLNTMWR   DS    F                TIME INTERVAL FOR WRITE WAIT         00001000
000048                            2962 PLNTIN4   DS    F                TIME INTERVAL WHEN MSG IN BUFFER     00001100
00004C                            2963 PLNECB    DS    F                ECB                                  00001200
000050                            2964         DS    C                RESERVED                          SK 00001300
000051                            2965 PLNSW5    DS    B                SWITCH                            RB 00001320
                           00001  2966 PLNVIPIO  EQU   X'01'            LINE HANDLES "VIP" TERMINALS      RB 00001340
                           00002  2967 PLNRONLY  EQU   X'02'            READ ONLY LINE                  STTY 00001345
                           00004  2968 PLNNOETX  EQU   X'04'            DISCARD IF EOT NO ETX         SM1141 00001347
                           00008  2969 PLNSTUP   EQU   X'08'     DO NOT DISPATCH LINE TIL AFTER STARTUP   77MD 00001348
                           00004  2970 PLNSEGMG  EQU   4                                           PTF825 00001350
                           00080  2971 PLNTRACE  EQU   X'80'            LINE TRACE ACTIVE FOR THIS LINE      00001390
000052                            2972 PLNSW     DS    B                SWITCH                               00001400
                           00080  2973 PLNACT    EQU   X'80'            ACTIVE SWITCH                        00001500
                           00040  2974 PLNRD     EQU   X'40'            LONE READING                         00001600
                           00020  2975 PLNRST    EQU   X'20'            RESET POLL HAS BEEN ISSUED           00001700
                           00010  2976 PLNWRT    EQU   X'10'            LONE WRITING                         00001800
                           00004  2977 PLNRDW    EQU   X'04'            LINE IS IN READ INITIAL WAIT         00002000
                           00002  2978 PLNWRP    EQU   X'02'            WRITE PENDING INDICATOR              00002100
                           00001  2979 PLNMP     EQU   X'01'            MSG WITH CHGNTRY WAITING             00002200
000053                            2980 PLNSW2    DS    B                INTERNAL SWITCH                      00002300
                           00001  2981 PLNAUTO   EQU   X'01'            AUTO POLL BEING USED                 00002400
                           00002  2982 PLNTRUNC  EQU   X'02'            TRUNCATED TIDS USED               RB 00002500
                           00010  2983 PLNENT    EQU   X'10'            2740 TERM IN ENTER                   00002600
                           00004  2984 PLNWRITE  EQU   X'04'            LINE IS WRITE ONLY-NOT TO BE POLLED  00002650
                           00020  2985 PLNDIAL   EQU   X'20'            LINE IS DIAL-UP                      00002680
                           00040  2986 PLNCNTL   EQU   X'40'            LINE HAS THE CONTROL TERMINAL     RB 00002685
                           00080  2987 PLNBSC    EQU   X'80'            LINE IS BISYNC                       00002690
000054                            2988 PLNNUMAC  DS    B                NUMBER OF ADDRESSING CHARACTERS      00002700
000055                            2989 PLNTCNT   DS    C                NUMBER OF TERMINALS ON LINE          00002800
000056                            2990 PLNSW3    DS    B                SWITCH BYTE                       RB 00002900
                           00080  2991 PLNRDFST  EQU   X'80'            INPUT PRIORITY DESIRED            RB 00002910
                           00040  2992 PLNRDFRT  EQU   X'40'            OUTPUT IN PROGRESS,INPUT READY    RB 00002920
                           00020  2993 PLNWRP1   EQU   X'20'            OUTPUT HALTED TO PROCESS INPUT    RB 00002930
                           00010  2994 PLNDT100  EQU   X'10'                                              SW 00002940
                           00008  2995 PLNNFLSH  EQU   X'08'            A PTR IS BEING FLUSHED NEW WAY  71MD 00002945
                           00004  2996 PLNCARD   EQU   X'04'                                              SW 00002950
                           00002  2997 PLNENQ    EQU   X'02'                                              SW 00002955
                           00001  2998 PLNRVI    EQU   X'01'                                              SW 00002960
000057                            2999 PLNSTCMD  DS    CL1              COMMAND THAT CAUSED S/S MSG     3270 00002990
                                  3000 ******************DIAL UP FIELDS*************************************** 00003000
000058                     00030  3001         ORG   PLNPOLL                                                 00003100
000030                            3002 PLNDIALS  DS    OB               NUMBER OF TERMS SERVICED BY LINE     00003120
000030                            3003 PLNTERM   DS    F                ADDR OF FIRST TERM ON LINE           00003200
000034                     00038  3004         ORG   PLNRDADR                                               00003600
000038                            3005 PLNDILTB  DS    F                ADDRESS OF DIALTABL                  00003700
00003C                     00040  3006         ORG   PLNPOLTM                                  BSCDIAL 00003705
000040                            3007 PLNTCINT  DS    F                MAX TIME TO AWAIT A CALL     BSCDIAL 00003730
000044                            3008 PLNANLST  DS    F                ADDR OF DYNAMIC ANSLIST      BSCDIAL 00003735
                           00038  3009 PLNCNMSG  EQU   PLNDILTB          ADDRESS OF CANNED MESSAGE-IBM7770 SY 00003750
                           00001  3010 PLN77WRO  EQU   X'01'            DO WRITE TI, NO READ TT  -IBM7770 SY 00003755
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

000048                     00058  3011           ORG                                                      00003800
000058                            3012           DS    OF                FORCES WORD ALIGNMENT            00003900
                           00058  3013 PLNLTH    EQU   *-IECTDECB        LTH OF DSECT                     00004000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                   3015          COPY  DIALTABL                                                00007800
000000                             3016 DIALTABL DSECT                                                        00000100
                                   3017 *                                                                     00000200
000000                             3018 DILANSR  DS    F          ADDR OF READ-INIT ANSWER LIST FOR           00000300
                                   3019 *                        LINES HANDLING AUTO-ANSWER TERMINALS        00000400
000004                             3020 DILWQE   DS    OF         TIMER WQE TO CANCEL READ CONNECT BSC        00000410
000004                             3021 DILCONV  DS    F          ADDR OF ANSWER LIST FOR READ-CONV           00000500
000008                             3022 DILTERM  DS    F          ADDR OF TERMS PTR WHEN CONNECTED            00000600
00000C                             3023 DILALTCV DS    OF         ADDR ALT ANSLIST FOR TTY READ-CONV          00000650
00000C                             3024 DILSW    DS    B                                                      00000700
                             00080 3025 DILCALL  EQU   X'80'      SOME AUTO-CALL TERMS ON LINE                00000800
                             00040 3026 DILANSRS EQU   X'40'      SOME AUTO-ANSWER TERMS ON LINE              00000900
                             00020 3027 DILCONN  EQU   X'20'      LINE IS CONNECTED TO A TERMINAL             00001000
                             00010 3028 DILBREAK EQU   X'10'      LINE CONNECTION SHOULD BE BROKEN            00001100
                             00008 3029 DILIDVER EQU   X'08'      VERIFY TERM-ID AT READ CONNECT              00001101
                                   3030 *                          - BYPASS IF OFF = 1 TERM ONLY             00001102
                             00004 3031 DILFLUSH EQU   X'04'      FLUSH QUEUED MSG'S WHEN RECONNECT           00001104
00000D                             3032 DILIDLEN DS    AL1        LENGTH OF ID-SENT              BSCDIAL      00001110
00000E                             3033 DILID    DS    OXL1       ID-SENT, MOVED TO ANSWER LISTBSCDIAL        00001120
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                             3035          COPY  PTRDSECT                                                    00008000
                             3036 *                    D S E C T   F O R   T E R M I N A L                 00000000
                             3037 *                    ***********************************                 00002000
                             3038 *                                  REVISED FOR RELEASE 9.0 - 1982        00004000
000000                       3039 PTRDSECT DSECT                                                            00006000
000000                       3040 PTRNAME  DS    CL5               EXT NAME                                 00008000
000005                       3041 PTRALT   DS    CL5               ALTERNATE TERMINAL                       00010000
00000A                       3042          DS    B                 UNUSED                             CH    00010120
00000B                       3043 PTRSW2   DS    B                 SECOND SWITCH BYTE                 RB    00012000
                      00080  3044 PTRONEQ  EQU   X'80'              TERMINAL HAS A DEDICATED OUTPUT Q  RB    00012010
                      00040  3045 PTRFLALL EQU   X'40'              FLUSH ALL CURRENT MESSAGES         RB    00012020
                      00020  3046 PTRFLONE EQU   X'20'              FLUSH NEXT MESSAGE ONLY            RB    00012030
                      00010  3047 PTRAUTUP EQU   X'10'              ALLOW AUTOTPUP FEATURE             LF    00012040
                      00008  3048 PTRUPDIS EQU   X'08'              ACTIVATE AUTOTPUP FEATURE          LF    00012050
                      00004  3049 PTRLOG   EQU   X'04'              MESSAGES ARE TO BE LOGGED          RB    00012060
                      00002  3050 PTRRESTR EQU   X'02'              RESTART LOGGED MSGS IF POSSIBLE    RB    00012070
                      00001  3051 PTRRESTA EQU   X'01'              RESTART LOGGED MSGS ALWAYS         RB    00012080
00000C                       3052 PTRQUE   DS    F                 1ST ADDR OF CORE QUE               YK    00012099
                      00001  3053 MOB      EQU   X'01'             MSGS ON INT B QUEUE                      00012100
                      00002  3054 MOA      EQU   X'02'             MSGS ON A SW                             00012150
                      00010  3055 PTRLAST  EQU   X'10'             2741 LAST OPERATION A READ               00012160
                      00010  3056 PTRBKFR  EQU   X'10'             BUNKER RAMO FORCED WRITE INDICATOR       00012161
                      00008  3057 PTRLOCK  EQU   X'08'             TERMINAL IS LOCKED TO A VERB             00012180
                      00010  3058 PTRUNV   EQU   X'10'             UNIVAC TERMINAL 1ST I/O OP DUE           00012185
                      00020  3059 WANTEOF  EQU   X'20'             EOF MSG SHOULD BE GENERATED        RB    00012400
                      00080  3060 PTR41CON EQU   X'80'             2741 IS CONNECTED                  MM    00012500
                      00080  3061 PTRRDFRT EQU   PTR41CON          RETRY 3270 REM READ FULL BUF  PTF135      00012600
                      00040  3062 PTRFCONV EQU   X'40'             FORCE CONVERSATIONAL BIT      SM0408      00013005
                      00040  3063 PTRMUX   EQU   X'40'             WRITE ROUTINE-READ REPEAT     SM0408      00013010
                      00004  3064 PTRPOLL  EQU   X'04'             MSG PENDING HERE                3270      00013020
                             3065 *        DO NOT MIX DATA100 SUPPORT WITH 3270 SUPPORT                      00013024
                      00010  3066 PTRDROP  EQU   PTRLAST           DROP CURRENT O/P MSG            3270      00013030
                      00020  3067 PTRSEL   EQU   WANTEOF           LAST RESPONSE WAS TO SELECTION  3270      00013040
000010                       3068 PTRBFMSG DS    F                 ADDR OF MSG IN BUFFER WAITING FOR WR     00016000
000014                       3069 PTRECB   DS    F                 TERMINAL ECB                             00018000
                      00018  3070 PTRPRMSG EQU   PTRECB+4                                            SW    00018100
000018                       3071 PTRSW3   DS    B                 THIRD SWITCH BYTE                 ALL    00020000
                      00080  3072 PTRASYNC EQU   X'80'             LOGGED MESSAGES ASYNCHRONOUS      ALL    00020020
                      00040  3073 PTRREADF EQU   X'40'             3270 DO READ FULL BUFFER OF ME 3270C     00020030
                      00020  3074 PTRQEMPT EQU   X'20'             "Q-EMPTY" MSG GENERATED BY RLSE    SK    00020040
                      00010  3075 PTRSEG   EQU   X'10'             LAST MSG FROM PTRQ WAS QPR 0 OR 1  SK    00020050
                      00008  3076 PTRORGDN EQU   X'08'         THIS IS AN ALTERNATE OF A DOWN TERMINAL.     SK    00020060
                      00004  3077 PTRBFALL EQU   X'04'             PERMANENT BUFFER MODE OPERATION    MM    00020063
                      00002  3078 PTRALERT EQU   X'02'             TCAM SEGMENTS FLUSH BIT            MM    00020066
                      00001  3079 PTRNLGF3 EQU   X'01'         IF ON,SUPPRESS F3 LOGGING FOR THIS MSG ONLY JA    00020070
000019                       3080 PTRSW4   DS    B                 FLAG-BYTE 4                        RB    00020100
                      00080  3081 PTRSEGLK EQU   X'80'             LOCK ON QPR 0, UNLK ON QPR 0 OR 2  SK    00020110
                      00040  3082 PTRINTLK EQU   X'40'             TERMINAL LOCKED BECAUSE OF SEQLK   SK    00020120
                      00020  3083 PTR129WR EQU   X'20'         IF ON, IBM129/3270 IS NOW IN WRITE MODE -    JA    00020130
                             3084 *                             IF OFF,IT IS IN READ MODE                JA    00020140
                      00010  3085 PTRWTPDE EQU   X'10'                 AWAITING 3270 PTR DEVICE END       JA    00020150
                      00008  3086 PTRIPFLH EQU   X'08'                 FLUSH INPUT MSGS INDICATOR         CH    00020160
                      00004  3087 PTRPRIOR EQU   X'04'                DEQUE EVEN IF PTRDSPLY, WRP ON SM1145    00020170
                      00002  3088 PTREOF   EQU   X'02'                 WANT EOF MSG(2780,CPU TO CPU) SM1292    00020190
                      00001  3089 PTRDQFST EQU   X'01'  AFT LINE FAIL-RESTRT FECM DDQ FR BEGINNING SM1351    00020195
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                   3090 * IF PTRDQFST IS OFF, FECM DDQ WILL BE RESTRTED WHERE IT WAS LEFT OFF   00020196
00001A                             3091 PTRLTMSG DS    H                  LTH OF BUFFER                        00022000
00001C                             3092 PTRRID   DS    X                  MULTI REGION REGION ID            SB 00024000
00001D                             3093 PTRCTWT  DS    B                  COUNT OF WAITS (UNIVAC)           JA 00025000
00001E                             3094 PTRADCH  DS    CL2                ADDRESSING CHARACTERS                00026000
000020 81                          3095          DC    X'81'              LAST ADDRESSING CHARACTERS           00028000
000021                             3096 PTRPLCH  DS    CL2                POLLING CHARAC                       00030000
000023                             3097 PTRSW    DS    B                  SWITCHES                             00032000
                          00080    3098 PTRCNTL  EQU   X'80'              THIS IS CONTROL TERMINAL             00034000
                          00040    3099 PTRACT   EQU   X'40'              THIS TERMINAL IS ACTIVE (UP)         00036000
                          00020    3100 PTRWRP   EQU   X'20'              TERM IS IN WRITE WAIT INTERVAL       00038000
                          00010    3101 PTRMNREQ EQU   X'10'              MSG NUM REQUIRED AT THIS TERM        00040000
                          00008    3102 PTRSPLN  EQU   X'08'              STOP LINE WAS ISSUED - FLUSH MSGS    00042000
                          00004    3103 PTRCRT   EQU   X'04'              TERMINAL IS A CRT                    00044000
                          00002    3104 PTRDSPLY EQU   X'02'              UNRELEASED DISPLAY ON SCREEN         00046000
                          00001    3105 PTRCONV  EQU   X'01'              CRT FUNCTION IN CONVERSATIONAL MODE  00048000
                          00001    3106 PTRPRMG  EQU   PTRCONV                                              SW 00048010
                          00010    3107 PTRSKIP  EQU   PTRMNREQ                                             SW 00048020
000024                             3108 PTRSW5   DS    B                  SWITCH BYTE 5                        JA 00050000
                                   3109 *     THIS BYTE MUST OCCUR AT THE SAME OFFSET AS LUCLF3 (X'24')     JA 00050100
                          00080    3110 PTRLUC   EQU   X'80'  IF 0,THEN THIS CONTROL BLOCK IS A BTERM        JA 00050200
                                   3111 *                    IF 1,IT IS A LUC (BIT LUCIND IN LUCLF3)        JA 00050300
                                   3112 *     OTHER BITS HAVE MEANING ONLY TO BTAM                          JA 00050400
000025                             3113          DS    B                  ..WAS QNUM NOW UNUSED                SY 00052000
000026                             3114 PTRWRERR DS    C                  COUNT OF WRITE I/O ERRORS            00054000
000027                             3115 PTRDEV   DS    B                  INDEX TO DEVICE TABLE RELATIVE TO 0  00056000
000028                             3116 PTRQNUM  DS    AL2                QUEUE NUMBER FOR TERMINAL            SY 00056010
00002A                             3117 PTRLKIND DS    H                  INDEX TO LOCKED VERB                 CH 00056020
00002C                             3118 PTRLKVRB DS    CL4                VERB SPECIFIED ON LOCK PARM          CH 00056030
                                   3119 ******************DIAL UP FIELDS************************************ 00056100
000030                    00010    3120          ORG   PTRBFMSG                                               00057000
000010                             3121 PTREXADR DS    F                  ADDRESS OF PTR EXTENSION TABLE       00058000
000014                    0001E    3122          ORG   PTRADCH                                               00060000
00001E                             3123 PTRDILSW DS    B                                                     00062000
                          00080    3124 PTRTRY   EQU   X'80'              TRY TO CONNECT TO TERM               00063000
                          00040    3125 PTRACALL EQU   X'40'              AUTO CALL TERMINAL                   00064000
                          00020    3126 PTRANSR  EQU   X'20'              AUTO ANSWER TERMINAL                 00065000
                          00010    3127 PTRBUFMD EQU   X'10'              TERMINAL IS IN BUFFER MODE           00065100
                          00010    3128 PTRBKMSG EQU   PTRBUFMD           DIAL-UP 2741 IS IN BLOCKING MODE  SY 00065150
                          00008    3129 PTRCONN  EQU   X'08'              TERMINAL IS CONNECTED                00065200
                          00004    3130 PTRINTVL EQU   X'04'              TRY-TO-CALL INTERVAL IN EFFECT       00065220
                          00002    3131 PTREOT   EQU   X'02'              EOT HAS BEEN RECEIVED FROM THIS TERM 00065240
                          00001    3132 PTRWDBLK EQU   X'01'              3735 IN WRITE DEBLOCK MODE     SM1363 00065250
                          00001    3133 PTRDSPCH EQU   X'01'            3735 IN LOCAL MODE - CALL LATER  SM1363 00065260
00001F                             3134 PTRBSCDL DS    B                  BISYNC DIAL SWITCHES.          BSCDIAL 00065300
                          00080    3135 PTRRVI   EQU   X'80'              PRIORITY OUTPUT QUEUED - SEND RVI.   00065310
                          00040    3136 PTRDIAL  EQU   X'40'              CONNECTION ESTABLISHED BY DIALING.   00065320
                          00020    3137 PTR1TURN EQU   X'20'              ONE TURNAROUND PER CONNECTION.       00065330
                          00010    3138 PTRGTWAK EQU   X'10'              TERMINAL SENT WACK.            BSCDIAL 00065340
                          00008    3139 PTRRDFST EQU   X'08'              FORCE READ AFTER CALL TERMINAL    SK 00065350
000020                    00030    3140          ORG                                                         00066000
000030                             3141          DS    OF                 FORCES WORD ALIGNMENT                00067000
                          00030    3142 PTRMLTH  EQU   *-PTRDSECT         LTH OF EACH ENTRY                    00068000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM H V 02 15.46 09/01/98

                                   3144          COPY  PEXTABLE                                                  00008200
000000                             3145 PEXTABLE DSECT     PTR EXTENSION TABLE                                   00000100



000000                             3147 PEXCLIST DS    B         OFFSET INTO PEXTABLE OF AUTO-CALL CALLIST        00000300
000001                             3148 PEXPOFF  DS    OB                  OFFSET INTO PEXTABLE OF PORT S    RB 00000320
000001                             3149 PEXID    DS    B         OFFSET INTO PEXTABLE OF TERMINAL ID              00000400
000002                             3150 PEXPNUM  DS    OB         NUMBER OF PORT ENTRIES                        RB 00000420
000002                             3151 PEXIDLEN DS    B         LENGTH OF TERMINAL ID                            00000500
000003                             3152 PEXSW    DS    B         SWITCHES                                         00000600
                         00080     3153 PEXALTCL EQU   X'80'     USE ALTERNATE CALLIST FOR NEXT READ-CONV SM1313  00000700
                         00040     3154 PEXCONV  EQU   X'40'     CONVERSATIONAL RESPONSE STILL EXPECTED           00000800
                         00020     3155 PEXRDPRI EQU   X'20'     READS HAVE PRIORITY OVER WRITES                  00000900
                         00020     3156 PEXBKMSG EQU   PEXRDPRI            DIAL-UP 2741 USES MSG BLOCKING    SY 00000905
                         00008     3157 PEXFRST  EQU   X'08'                                                    00000910
                         00004     3158 PEXLAST  EQU   X'04'                                                    00000920
                         00002     3159 PEXEROR  EQU   X'02'                                                    00000930
                         00001     3160 PEXFLUSH EQU   X'01'                                                    00000940
000004                             3161 PEXLKIND DS    H               LOCKED VERB INDEX FROM BTERM LOCK PARM CH 00001000
000006                             3162 PEXINTVL DS    H         POLLING INTERVAL FOR AUTO-CALL TERMINALS         00001200
000008                             3163 PEXWQEAD DS    F         ADDR OF WQE OF CONVERSATIONAL RECOVERY ROUTINE   00001300
00000C                             3164 PEXLINE  DS    F         ADDRESS OF FIRST LINE IN GROUP HANDLING TERM     00001400
000010                             3165 PEXBFMSG DS    F          A(REQUEUED O/P MSG) ID DEDICATED Q           SY 00001500
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                   3167           COPY  DEVTABL                                                  00008400
                                   3168 *                                                                        00002000
                                   3169 *                    D E S E C T  F O R  D E V I C E  T A B L E           00004000
                                   3170 *                    ****************************************            00006000
                                   3171 *                                                                        00008000
000000                             3172 DEVTABLD DSECT                                                           00010000
000000                             3173 DEVHDRLN DS    H                 LENGTH OF HEADER TO BE ADDED BY BTAM    00012000
000002                             3174 DEVTPULN DS    H                 LENGTH OF CONTROL INFO TO BE            00014000
                                   3175 *                                  ADDED BY TPUMSG PRECEEDING ITS        00016000
                                   3176 *                                  GENERATED MESSAGES. THE PRE-          00018000
                                   3177 *                                  FORMATTED DATA FOLLOWS THE DEVHDR     00020000
000004                             3178 DEVEXTRA DS    B                 COUNT OF EXTRA CHARACTERS IN INPUT      00022000
000005                             3179 DEVTYP   DS    B                 TERMINAL TYPE                           00024000
                          00010    3180 DEV2740  EQU   X'10'               IBM 2740                              00032000
                          00008    3181 DEV2740Z EQU   X'08'               IBM 2740 MOD 2                        00034000
                          00004    3182 DEV2780  EQU   X'04'               IBM 2780                              00038000
                          00002    3183 DEV2741  EQU   X'02'               IBM 2741                              00038010
                          00011    3184 DEV2770  EQU   X'11'               IBM 2770                              00038030
                          00012    3185 DEVTTY   EQU   X'12'               POINT TO POINT LEASED TY      STTY    00038040
                          00013    3186 DEVTTYDL EQU   X'13'               DIAL-UP TELETYPE                RB    00038050
                          00014    3187 DEV274DA EQU   X'14'               DIAL-UP 2740--BASIC             RB    00038060
                          00015    3188 DEV274DB EQU   X'15'               DIAL-UP 2740--WITH CHECKING     RB    00038080
                          00016    3189 DEV274DC EQU   X'16'               DIAL-UP 2740--TRANSMIT CONTROL  RB    00038100
                          00017    3190 DEV274DD EQU   X'17'               DIAL-UP 2740--CHECKING,TRANS CTL RB   00038120
                          00018    3191 DEV7770  EQU   X'18'               IBM 7770                        RB    00038140
                          0001C    3192 DEV1050L EQU   X'1C'               IBM 1050 LEASED-LINE            RB    00038200
                          0001D    3193 DEV1050D EQU   X'1D'               IBM1050 DIAL-UP (KEYBOARD ONLY) RB    00038210
                          0001E    3194 DEV3270  EQU   X'1E'               IBM3270-REMOTE                3270    00038220
                          00021    3195 DEVD100  EQU   X'21'               DATA100 TERMINALS               RB    00038223
                          00022    3196 DEV3735S EQU   X'22'               IBM-3735 SWITCHED PT TO PT      SR    00038224
                          00023    3197 DEVSWCPU EQU   X'23'               BISYNC DIAL-UP 360                    00038225
                          00025    3198 DEV1030  EQU   X'25'               IBM1030                     1030RM    00038227
                          00026    3199 DEV360   EQU   X'26'               LEASED IBM 360              IBM360    00038228
                          00027    3200 DEV2780D EQU   X'27'               2780 DIAL-UP                    SK    00038229
                          0002F    3201 DEV83B3  EQU   X'2F'               AT&T 83B3                     STTY    00038237
                          00030    3202 DEVTTYP  EQU   X'30'               MULTIPOINT LEASED TTY         STTY    00038238
                          00031    3203 DEVSMTTY EQU   X'31'               SIMULATED ASR 33/35 (NCIC)      SY    00038239
                          00032    3204 DEV2741D EQU   X'32'               IBM2741 DIAL-UP                 SY    00038240
                          00033    3205 DEVDS40  EQU   X'33'               TTY - DATASPEED 40              CH    00038250
                          00FE     3206 DEV327L1 EQU   X'FE'               IBM 3270 LOCAL-MODEL 1        STTY    00039000
                          00FF     3207 DEV327L2 EQU   X'FF'               IBM 3270 LOCAL-MODEL 2        STTY    00039100
                          00FE     3208 DEV327OL EQU   DEV327L1            IBM 3270 LOCAL EITHER MODEL   STTY    00039200
000006                             3209 DEVWROP1 DS    B                 PRIMARY OP CODE                       00040000
000007                             3210 DEVWROP2 DS    B                 SECONDARY WRITE OP CODE               00042000
000008                             3211 DEVOPIND DS    B                 VALUE WHICH ,IF IS USED AS THE        00044000
                                   3212 *                                  FIRST BYTE OF A TRANSLATED MSG,     00046000
                                   3213 *                                  WILL CAUSE BTAM TO USE DEVWROP2     00048000
000009                             3214 DEVINDRP DS    B                 BYTE TO REPLACE DEVOPIND              00050000
00000A                             3215 DEVSWTCH DS    B                 SWITCH BYTE                           00052000
                          00080    3216 DEVBO    EQU   X'80'               ON IT ACCTING INFO IS TO BE ADDED     00054000
                          00040    3217 DEVQEMPT EQU   X'40'               RLSE RESPONSE REQUESTED         SK    00056000
                          00020    3218 DEVCRLF  EQU   X'20'               CARRIAGE RETURN LINE FEED DEVICE      00058100
                          00010    3219 DEVBUFR  EQU   X'10'               HARD COPY BUFFERED DEVICE             00058200
                          00008    3220 DEVIDLES EQU   X'08'               IDLES NEEDED AFTER CARRIAGE RET RB    00058250
                          00004    3221 DEVBKSP  EQU   X'04'               BACKSPACE CORRECTION IN USE     RB    00058300
```

```
  LOC  OBJECT CODE     ADDR1 ADDR2  STMT   SOURCE STATEMENT                                        ASM H V 02 15.46 09/01/98

                             00002  3222 DEVSGMT  EQU   X'02'            BISYNC SEGMENT MODE REQUIRED       SK 00058400
                             00001  3223 DEVSTTY  EQU   X'01'          SPECIAL- POINT TO POINT LEASED TY STTY 00058500
                             00001  3224 DEVBURR  EQU   DEVSTTY          BURROUGHS 2260                       00058501
                             00001  3225 DEV3275  EQU   DEVSTTY          3275 SWITCH FOR PRINTER       PTF026 00058510
00000B                              3226 DEVMXERR DS    B                MAXIMUM I/O ERRORS PER TERMINAL    SY 00058520
00000C                              3227 DEVCPS   DS    H                CHAR /SEC RATE FOR BUFFERED DEVICES  00060000
00000E                              3228 DEVRDOP  DS    B                NORMAL OP CODE                       00060100
00000F                              3229 DEVRDOP2 DS    B                RD ERROR OP CODE                     00060200
000010                              3230 DEVENCLN DS    H                LEN OF ENDCHAR DATA - AT          JAX00060300
                                                                         A(DEVHDR)+DEVHDRLN+DEVTPULN       JA 00060400
000012                              3231 DEVHDR   DS    0C               PREFORMATTED INFO TO PRECEDE         00062000
000012                       0003D  3232          ORG   DEVTABLD+61                                        JA 00062050
00003D                       0003A  3233          ORG   *-3                                               CH 00062060
00003A                              3234 DEVALTBF DS    0H               3270 ALTERNATE BUFFER SIZE         CH 00062062
00003A                              3235 DEVDDSW1 DS    0X               DEVICE DEPENDENT SWITCH 1          CH 00062070
00003A                              3236 DEV40SW  DS    B                SWITCH FOR DATASPEED 40 DEVICES    CH 00062080
                             00080  3237 DEV40FAS EQU   X'80'               DS 40 PRINTER = FULL ASCII      CH 00062090
                             00040  3238 DEV40BUF EQU   X'40'               DS 40 PRINTER IS BUFFERED       CH 00062100
                             00020  3239 DEV40NL  EQU   X'20'               DS 40 NEW LINE IDLES REQUIRED   CH 00062110
                             00010  3240 DEV40FDX EQU   X'10'               DS 40 MOD 2 MODEM=FULL DUPLEX   CH 00062120
00003B                              3241 DEVDDSW2 DS    0X               DEVICE DEPENDENT SWITCH 2          CH 00062130
00003B                              3242 DEV40MS# DS    X                DS 40 CRT - # MEMORY SEGMENTS      CH 00062140
                             00000  3243 DEV40MS0 EQU   0                  NO MEMORY SEGMENTS = PRINTER     CH 00062150
                             00001  3244 DEV40MS1 EQU   X'01'               ONE MEMORY SEGMENT = 1920 BYTES CH 00062160
                             00002  3245 DEV40MS2 EQU   X'02'               TWO MEMORY SEGMENTS              CH 00062170
                             00003  3246 DEV40MS3 EQU   X'03'               THREE MEMORY SEGMENTS            CH 00062180
00003C                              3247 DEVDDSW3 DS    0X               DEVICE DEPENDENT SWITCH 3          CH 00062190
00003C                              3248 DEV40MOD DS    X                DS 40 MODEL NUMBER                 CH 00062200
                             00001  3249 DEV40MD1 EQU   X'01'               DS 40 CRT - MODEL 1              CH 00062210
                             00002  3250 DEV40MD2 EQU   X'02'               DS 40 CRT - MODEL 2              CH 00062220
                             00003  3251 DEV40MD3 EQU   X'03'               DS 40 CRT - MODEL 3              CH 00062230
00003D                              3252 DEVSW2   DS    B                SECOND SWITCH BYTE                 JA 00062240
                             00080  3253 DEV129   EQU   X'80'               IBM 129 CARD PUNCH ATTACHMENT    JA 00062250
                                    3254 *        EITHER  DEVTYP=DEV3270  OR  DEVTYP=DEV327L1  IF DEV129   ON JA 00062260
                             00040  3255 DEVWROLY EQU   X'40'                 WRITE-ONLY TERMINAL             MDC 00062270
                             00020  3256 DEVCOPYR EQU   X'20'               COPY RESPONSE MESSAGE IS NEEDED SMO386 00062280
                             00010  3257 DEVSYNIQ EQU   X'10'          IF 1,CALL BMHIN IN SRCHVRB-NO DISPATCH JA 00062290
                             00008  3258 DEVCPYIP EQU   X'08'           COPY RESP. IN PROGRESS IS NEEDED  SMO386 00062300
                                    3259 *                    AFTER THE READ FULL BUFFER IS COMPLETED.  SMO386 00062310
                             00004  3260 DEVNOEND EQU   X'04'               STRIP MSG END CHAR IN BMH000     CH 00062320
                             00002  3261 DEVLGBUF EQU   X'02'               3270 ALT. BUFFER SUPPORT         CH 00062322
                             00001  3262 DEVNOQOT EQU   X'01'               DO NOT GIVE 'NO OUTPUT QUEUED'  78MD 00062325
                                    3263 *  MESSAGE IN RESPONSE TO RLSE - JUST RESET KEYBOARD - 3270'S ONLY 78MD 00062326
                                    3264 *  ONLY VALID IF RLSERSP=YES IS REQUESTED                          78MD 00062327
00003E                              3265 DEVUPINT DS    B                    AUTOTPUP DISPATCH INTERVAL IN MINSLF 00062330
00003F                              3266 DEVCOL   DS    0C             FOR 1030'S LAST BYTE=NUMBER OF     1030RM 00064005
                                    3267 *                             COLUMNS FOR WLR ERROR CHECKING     1030RM 00064006
00003F                              3268 DEVAID   DS    C             FOR 3270'S, LAST BYTE DEFINES AIDGRP  3270 00064010
000040                              3269          DS    0F                                                     00066000
                             00040  3270 DEVTABLN EQU   *-DEVTABLD          LTH OF EACH ENTRY                  00068000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                  ASM H V 02 15.46 09/01/98

                                   3272           COPY  BTAMWORK                                                  00008600
                                   3273 *                                                                         00002000
                                   3274 *       WORKAREA OF BLH000 COMMON TO GRAPHOPE                             00004000
                                   3275 *       ************************************                              00006000
                                   3276 *                                                RELEASE 9.0 - 3/82       00008000
000000                             3277 WORKAREA DSECT                                                            00010000
000000                             3278          DS    18F               SAVE AREA FOR REGS                     00012000
000048                             3279 STATUS   DS    F                 STATUS                                 00016000
00004C                             3280 LISTA    DS    3F                LIST FOR FILE HANDLER                  00018000
000058                    00050    3281          ORG   LISTA+4           REUSE LIST AREA                        00020000
000050                             3282 DBLE     DS    D                 DOUBLE WORD                            00022000
000058                    00051    3283          ORG   DBLE+1            BSCLEASE                          SB 00022100
000051                             3284 WDECTYPE DS    X                 BSCLEASE                          SB 00022200
000052                             3285          DS    2XL1              BSCLEASE                          SB 00022300
000054                             3286 WTRSAV2  DS    F                 BSCLEASE                          SB 00022400
000058                    00058    3287          ORG                                                            00022500
000058                             3288 LIST     DS    0F                                                       00024000
   IEV043  *** ERROR ***  PREVIOUSLY DEFINED SYMBOL  --  LIST
000058                             3289 MSGADDR  DS    F                 MSG ADDR                               00026000
00005C                             3290 LIST2    DS    2F                                                       00028000
000064                    0005C    3291          ORG   LIST2             BSCLEASE                          SB 00028100
00005C                             3292 WDECAREA DS    F                                                   SB 00028200
000060                             3293 WDECLEN  DS    H                                                   SB 00028300
000062                             3294 WNDEXBIT DS    X                                                   SB 00028400
000063                             3295 WFLAGS   DS    X                                                   SB 00028500
                          00080    3296 WSENTEXT EQU   X'80'                                               SB 00028600
000064                    00064    3297          ORG                                                            00028700
000064                             3298 TERMCNT  DS    F                 COUNT OF TERM LEFT IN TABLE            00030000
000068                             3299 MAINADR  DS    F                                                        00032000
00006C                             3300 COMPCHAR DS    C                 COMPARE FIELD                          00034000
00006D                             3301 INDEXBIT DS    XL1               INDEX BYTE FOR GRAPHICS SAVE AREA      00036000
                          00080    3302 SAMETERM EQU   X'80'             DEQ FROM SAME PTR                 SK 00036002
                          00040    3303 BSCSEG   EQU   X'40'   SEGMENTED-MESSAGE BIT                   SM0408 00036010
                          00020    3304 BSCIGNOR EQU   X'20' AIDDATA REPL -SKIP ALL SEGMENTS           SM1075 00036015
                          00010    3305 AIDREPL  EQU   X'10'     AIDDATA REPLACE OPTION CHOSEN         SM1075 00036017
                          00008    3306 REQBFBIT EQU   X'08'             BUFFER ACQUIRED VIA 'REQBUF'  SM1140 00036018
                          00001    3307 C277IN   EQU   X'01'             C277 COMMAND PENDING              RB 00036020
00006E                             3308 TNLBYTES DS    H                 WORK AREA                              00037000
000070                             3309 CONGMSG  DS    F                 ONLY USED FOR CONGLOMERATE MSG         00038000
                                   3310 *                                       IF I/P MUST BE ZERO           00040000
000074 00000000                    3311 COREADDR DC    F'0'                                                     00040002
000078 00000000                    3312 CORELNTH DC    F'0'                                                     00040003
00007C 00000000                    3313 SAVER2   DC    F'0'                                                     00040004
000080                             3314 EXTSAVE  DS    18F               SAVE AREA FOR BTSEARCH             RB 00041000
0000C8                             3315 L3270HAF DS    0H                                                 3270L 00041001
0000C8                             3316 NEXTBUFR DS    F                                                    RB 00041020
                                   3317 *FIELD USED BY IBM129/3270 EXIT ROUTINE (USRER129)                  JA 00041025
0000CC                             3318 E129STAT DS    0B                ERROR STATUS-SAME BITS AS 3270 S/S JA 00041030
                          00080    3319 E129OUT  EQU   X'80'             IF ON ERROR ASSOC W/OUTPUT MSG     JA 00041035
0000CC                             3320 LASTBUFR DS    F                                                    RB 00041040
                          000C8    3321 AREA2770 EQU   NEXTBUFR          REUSE THE DIAL-UP FIELD              RB 00041060
                          000C8    3322 INAREA   EQU   AREA2770                                             SW 00041070
                                   3323          AIF   (NOT &IBM3735).NBWILT                            74MD 00041100
                                   3324 .NBWILT  ANOP                                                       RB 00041180
                                   3325          AIF   (NOT (&BSCDIAL OR &BSCLEAS)).NOBSDWA                 SK 00041200
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM H V 02 15.46 09/01/98

                            0006E  3326 BTERMCNT EQU   TNLBYTES      TERMINAL BCT COUNTER.              BSCDIAL 00041220
0000D0                      00070  3327          ORG   CONGMSG      REDEFINE WORKAREA                  BSCDIAL 00041240
000070                             3328 RVITERM  DS    F            A(TERMINAL CHOSEN FOR NEXT OUTPUT) BSCDIAL 00041260
000074                             3329 OUTTERM  DS    F            A(CURRENT OUTPUT TERMINAL)         BSCDIAL 00041280
000078                      00090  3330          ORG   EXTSAVE+16   REDEFINE WORKAREA                  BSCDIAL 00041300
000090                             3331 ASMBLIST DS    F            A(ASSEMBLED DFTRMLST)              BSCDIAL 00041320
000094                             3332 PHONELEN DS    H            LENGTH OF PHONE NUMBER.            BSCDIAL 00041340
000096                             3333 IDSENT   DS    H            OFFSET TO ID-SENT.                 BSCDIAL 00041360
000098                             3334 KIDSENT  DS    H            LENGTH OF ID-SENT.                 BSCDIAL 00041380
00009A                      00090  3335          ORG   EXTSAVE+16   REDEFINE WORKAREA                  BSCDIAL 00041400
000090                             3336 TPUPARMS DS    OF           PARAMETER LIST                     BSCDIAL 00041420
000090                             3337 TPUPARM1 DS    F                   FOR TPUMSG.                BSCDIAL 00041440
000094                             3338 TPUPARM2 DS    F                                              BSCDIAL 00041460
000098                             3339 TPUPARM3 DS    F                                              BSCDIAL 00041480
00009C                             3340 TPUPARM4 DS    F                                              BSCDIAL 00041500
0000A0                             3341 TPUPARM5 DS    F                                              BSCDIAL 00041520
0000A4                             3342 IDAREA   DS    CL16         TRANSLATE AREA DOR BISYNC ID.     BSCDIAL 00041540
0000B4                      000D0  3343          ORG                                                  00041560
                                   3344 .NOBSDWA ANOP                                               BSCDIAL 00041580

                                   3346 *  FIELDS USED BY SCANVERB ROUTINE IN BTSEARCH                    JA 00041610
0000D0                             3347 VBADDR   DS    A                 ADDR OF BTVERB ENTRY OF VALID VERBJA 00041620
0000D4                             3348 VBLEN    DS    H                 LENGTH OF VERB OR TID (1-5 CHAR)  JA 00041630
0000D6                             3349 VBHOLD   DS    CL5               VERB OR TID                       JA 00041640
0000DB                             3350 VBSW     DS    B                 SWITCHES                          JA 00041650
                                   3351 *BITS USED IN VBSW                                                 JA 00041660
                            00080  3352 VBFNDLOK EQU   X'80'             VERB FOUND FROM LOCK              JA 00041670
                            00040  3353 VBFNDTXT EQU   X'40'             VERB FOUND IN TEXT OF MSG         JA 00041680
                            000C0  3354 VBFND     EQU   VBFNDLOK+VBFNDTXT VERB FOUND EITHER WAY             JA 00041690
                            00020  3355 VBSCAND4 EQU   X'20'             SCANNED 1-4 CHAR TOKEN            JA 00041700
                            00010  3356 VBSCAND5 EQU   X'10'             SCANNED 5 CHAR TOKEN (TID?)       JA 00041710
                            00008  3357 VBLOZ    EQU   X'08'             SEP CHAR WAS LOZ                  JA 00041720
                            00004  3358 VBNVBINS EQU   X'04'             DO NOT INSERT VERB WHEN BLDG MSG  JA 00041725
                            00002  3359 VBCNCLD  EQU   X'02'             INPUT MSG CANCELLED BY ESS        CH 00041727

                                   3361          AIF   (NOT (&IBM3270 OR &IBM327L)).NO327XY                JA 00041740

                                   3363 *3270 HEADER CONSTRUCTION AREA                                     JA 00041760
0000DC                      00070  3364          ORG   CONGMSG            REDEFINE AREA NOT USED IN BLHIN   JA 00041770
000070                             3365 HD3270WK DS    OCL11             11 BYTES IN ALL                   JA 00041780
000070                             3366          DS    C'AID'                                              JA 00041790
000073                             3367 HD327AID DS    X                 AID BYTE GOES HERE                JA 00041800
000074                             3368          DS    AL1               NEW LINE                          JA 00041810
000075                             3369          DS    C'CUR'                                              JA 00041820
000078                             3370 HD327CUR DS    XL2               CURSOR BYTES HERE                 JA 00041830
00007A                             3371          DS    AL1               NEW LINE CHAR                     JA 00041840
00007B                      000DC  3372          ORG   .                 RESET LOC CNTR                    JA 00041850

                                   3374 .NO327XY ANOP                                                      JA 00041870
0000DC                             3375 RETRYLIM DS    X                 RETRY LIMIT            BSCLEASE   JA 00041900
0000DD                             3376 WSWCH1   DS    X                                                   SB 00041910
                            00080  3377 WFMTINPT EQU   X'80'                                               SB 00041920
0000DE                             3378          DS    XL2           UNUSED                                SB 00041950
                            000E0  3379 WORKSIZE EQU   *-WORKAREA        LENGTH OF WORK                        00042000
                                   3380 *                                                                  00044000
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                  3382          COPY  AIDSECTS                                              00008800
                                  3383 ********************************************************************* 22MD 00010000
                                  3384 *        DSECT FOR AIDGRP TABLE                                     * 22MD 00020000
                                  3385 ********************************************************************* 22MD 00030000

000000                            3387 AIDGROUP DSECT                                                       22MD 00050000

                                  3389 ********************************************************************* 22MD 00070000
                                  3390 *        HEADER SECTION                                             * 22MD 00080000
                                  3391 ********************************************************************* 22MD 00090000

000000                            3393 AIDGRNXT DS    Y                  OFFSET TO NEXT GROUP ENTRY         22MD 00110000
000002                            3394 AIDGRNUM DS    XL1                NUMBER (ID) OF THIS AIDGRP         22MD 00120000
000003                            3395 AIDGRFLG DS    XL1                FLAGS FOR THIS AIDGRP              22MD 00130000
                            00004 3396 AIDGRHDL EQU   *-AIDGRNXT         LENGTH OF THE HEADER SECTION       22MD 00140000
                                  3397 *                                                                    22MD 00150000
                                  3398 *              SETTINGS FOR AIDGRFLG                                 22MD 00160000
                                  3399 *                                                                    22MD 00170000

                                  3401 *********  NO SETTINGS CURRENTLY DEFINED, MUST BE X'00' ********** 22MD 00190000

                                  3403 ********************************************************************* 22MD 00210000
                                  3404 *        REPEATING SECTION (ONE ENTRY FOR EACH KEY(AID) DEFINED) * 22MD 00220000
                                  3405 ********************************************************************* 22MD 00230000

000004                            3407 AIDGRCOD DS    CL1                AID CODE FOR THIS ENTRY            22MD 00250000
000005                            3408 AIDGRDTN DS    XL1                AIDDATA ID FOR THIS CODE           22MD 00260000
                            00002 3409 AIDGRENL EQU   *-AIDGRCOD         LENGTH OF A REPEATING ENTRY        22MD 00270000



                                  3411 ********************************************************************* 22MD 00290000
                                  3412 *        DSECT FOR AIDDATA TABLE                                    * 22MD 00300000
                                  3413 ********************************************************************* 22MD 00310000

000000                            3415 AIDDTA   DSECT                                                       22MD 00330000

000000                            3417 AIDDTLEN DS    Y                  LENGTH OF THIS AIDDATA ENTRY       22MD 00350000
000002                            3418 AIDDTNUM DS    XL1                AID DATA NUMBER (ID)               22MD 00360000
000003                            3419 AIDDTTXO DS    YL1                OFFSET TO START OF TEXT            22MD 00370000
000004                            3420 AIDDTTXL DS    Y                  LENGTH OF TEXT THIS ENTRY          22MD 00380000
000006                            3421 AIDDTFLG DS    XL1                FLAGS FOR THIS AIDDATA ENTRY       22MD 00390000
000007                            3422          DS    XL1                        UNUSED                     22MD 00400000
                                  3423 *                                                                    22MD 00410000
                                  3424 *              SETTINGS FOR AIDDTFLG                                 22MD 00420000
                                  3425 *                                                                    22MD 00430000

                            00080 3427 AIDDTREP EQU   X'80'               TEXT IS TO REPLACE MESSAGE DATA 22MD 00450000

                                  3429 ***************    END OF AIDSECTS COPY CODE   ****************** 22MD 00470000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                          ASM H V 02 15.46 09/01/98

                                   3431          GFEDSECT PARMS=DSECT                                        00009000
000000                             3432+GFEPARMS DSECT                GFE PARAMETER LIST DSECT             01-GFEDS
000000                             3433+GFEUSERV DS     F             ADDRESS OF USER'S GFE ADDRESSES      01-GFEDS
000004                             3434+GFECODES DS     OF            RETURN CODE AREA                     01-GFEDS
000004                             3435+GFECODE1 DS     C             BYTE 1                               01-GFEDS
                             00000 3436+GFENXTID EQU    0             NORMAL OUTPUT SEQUENCE               01-GFEDS
                             00004 3437+GFETIDUP EQU    4             SAME TERMINAL IF UP                  01-GFEDS
                             00008 3438+GFETIDWN EQU    8             SAME TERMINAL IF UP OR DOWN          01-GFEDS
000005                             3439+GFECODE2 DS     C             BYTE 2                               01-GFEDS
000006                             3440+GFECODE3 DS     C             BYTE 3                               01-GFEDS
000007                             3441+GFECODE4 DS     C             BYTE 4                               01-GFEDS
                             00000 3442+GFENORM  EQU    0             SUCCESSFUL                           01-GFEDS
                             00004 3443+GFEABNRM EQU    4             UNSUCCESSFUL                         01-GFEDS
                             00004 3444+GFETDOWN EQU    4             PUT TERMINAL DOWN                    01-GFEDS
                             00008 3445+GFELDOWN EQU    8             STOPLINE RETURN CODE                 01-GFEDS
                             0000C 3446+GFENEGRS EQU    12            NEGATIVE RESPONSE TO READ            01-GFEDS
000008                             3447+GFELG    DS     OF            LINEGRP ADDRESS                      01-GFEDS
000008                             3448+GFEQPR   DS     0C            QPR FOR MESSAGE SEGMENTING.          01-GFEDS
000008                             3449+GFEBLINE DS     F             BLINE ADDRESS                        01-GFEDS
00000C                             3450+GFEBTERM DS     F             BTERM ADDRESS                        01-GFEDS
000010                             3451+GFEINPUT DS     OF            INPUT ADDRESS                        01-GFEDS
000010                             3452+GFEOUTPT DS     F             OUTPUT ADDRESS                       01-GFEDS
                             00014 3453+GFEPARML EQU    *-GFEPARMS    PARAMETER LIST LENGTH                01-GFEDS


                                   3455          GFEDSECT VECTORS=DSECT                                      00009200
000000                             3456+GFEDSECT DSECT                GFE VECTOR TABLE DSECT               01-GFEDS
000000                             3457+GFEUSER  DS     F             POINTER TO USER ADDRESSES            01-GFEDS
000004                             3458+GFETYPE  DS     C             TYPE OF GFE BEING USED               01-GFEDS
                             00001 3459+GFETCAM  EQU    1             GFE IS TCAM                          01-GFEDS
000005                             3460+GFEFLAG1 DS     B             FLAG BYTE                            01-GFEDS
                             00080 3461+GFEONEEP EQU    X'80'         SINGLE ENTRY POINT USED              01-GFEDS
                                   3462+*                       OTHERWISE, ONE ENTRY PER FUNCTION CODE
000006                             3463+         DS     H             RESERVED                             01-GFEDS
000008                             3464+GFENTRYS DS     OF            START OF ENTRY POINT(S)              01-GFEDS
                                   3465+*        GFE FUNCTION CODES
                             00000 3466+GFEVERFY EQU    0             CODES                                01-GFEDS
                             00001 3467+GFESTART EQU    1              DEFINING                            01-GFEDS
                             00002 3468+GFEOPEN  EQU    2               FUNCTIONS                          01-GFEDS
                             00003 3469+GFEREAD  EQU    3                TO                                01-GFEDS
                             00004 3470+GFEWRITE EQU    4                 BE                               01-GFEDS
                             00005 3471+GFERESET EQU    5                  PERFORMED                       01-GFEDS
                             00006 3472+GFEUP    EQU    6                   BY                             01-GFEDS
                             00007 3473+GFEDOWN  EQU    7                    USER                          01-GFEDS
                             00008 3474+GFESTLN  EQU    8                     ENTRY                        01-GFEDS
                             00009 3475+GFESPLN  EQU    9                      POINT                       01-GFEDS
                             0000A 3476+GFECLOSE EQU    10                                                01-GFEDS
000008                             3477+         DS     OF            USER'S GFE FIELDS BEGIN HERE         01-GFEDS
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                  3479           COPY  LUDSECTS                                                  00009400
                                  3480 *                                                                         00010000
                                  3481 *         LOGICAL UNIT BLOCK DSECT                                        00020000
                                  3482 *                                                                         00030000
000000                            3483 LUB       DSECT                    FORMAT OF LOGICAL UNIT BLOCK           00040000
000000                            3484 LUBID     DS    C'LUB'             LITERAL FOR DUMPS                      00050000
000003                            3485 LUBCOMP   DS    C                  NUMBER OF COMPONENTS                   00060000
000004                            3486 LUBCOMPA  DS    C                  NUMBER OF ACTIVE LCOMPS                00070000
000005                            3487 LUBDQCX   DS    C                  INDEX OF LAST COMP DEQUEUED FROM       00080000
000006                            3488 LUBNEXT   DS    H                  OFFSET TO NEXT LUNIT                   00090000
000008                            3489 LUBSENSE  DS    OF                CONTAINS SENSE INFO IF LUBERRDN ON JP  00091000
000008                            3490 LUBCID    DS    F                  VTAM COMMUNICATIONS ID                 00100000
                                  3491 *     SEQNOS ARE MAINTAINED FOR LAST MSG OR CHAIN W/NORMAL RESPONSE       00110000
00000C                            3492 LUBSEQIN DS    H          CHAIN=LAST OR ONLY I/P THAT WAS SENT NORM RESP 00120000
00000E                            3493 LUBSEQOF DS    H          CHAIN=FIRST OR ONLY O/P THAT RECV NORM RESP    00130000
000010                            3494 LUBSEQOL DS    H          CHAIN=LAST OR ONLY O/P THAT RECV NORM RESP.    00140000
000012                            3495 LUBLSB    DS    H           OFFSET OF LSB REL TO A(VTSPECS)          03MD 00150000

000014                            3497 LUBFLAG1 DS    B     CONNECTION FLAGS                                     00170000
                         00080    3498 LUBSIMLG EQU   X'80'              LU TO BE ACQUIRED                      00180000
                         00040    3499 LUBDYN   EQU   X'40'              LUB RESERVED FOR DYNAMIC LOGONS        00190000
                         00020    3500 LUBACQ   EQU   X'20'              LU WAS ACQUIRED                        00200000
                         00010    3501 LUBCONN  EQU   X'10'              LU IS CONNECTED                        00210000
                         00008    3502 LUBACTIV EQU   X'08'              LU IS ELIGIBLE FOR USE                 00220000
                         00004    3503 LUBERRDN EQU   X'04'              LU DISCONNECTED DUE TO ERRORS,     JP  00221000
                                  3504 *                                 LUBSENSE CONTAINS SENSE BYTES      JP  00221100
                         00002    3505 LUBRCON  EQU   X'02'              CONTROL RECONNECT REQUIRED     SM2151  00221200
                         00001    3506 LUBSLU   EQU   X'01'              LU IS ACTING IN SECONDARY MODE   52MD  00221300
                                  3507 *                                 (ONLY VALID FOR APPC/6.2 LU'S)   52MD  00221400

000015                            3509 LUBFLAG2 DS    B      DATA TRAFFIC & SHUTDOWN FLAGS-RESET AT CONNECTION  00240000
                         00080    3510 LUBDTOK  EQU   X'80'       DATA TRAFFIC OK - NO SEND/RECV IF NOT 1       00250000
                                  3511 *     LUBDTOK SET 1 WHEN SDT SENT, RESET ON CLEAR OR DISCONNECT          00260000
                         00040    3512 LUBSDT   EQU   X'40'       SDT SENT                                      00270000
                         00020    3513 LUBDTGO  EQU   X'20'       IF 1 THEN RECV OR SEND DONE SINCE SDT SENT    00280000
                         00010    3514 LUBSHDIP EQU   X'10'       SPLU,SHUTD IN PROGRESS                        00290000
                         00008    3515 LUBSHCIP EQU   X'08'       VTLUSHTC ROUTINE PROCESSING SHUTC             00300000
                         00004    3516 LUBQDRIP EQU   X'04'       O/P QUEUE DRAIN IN PROGRESS DURING SHUTDOWN   00310000
                         00002    3517 LUBSHHIP EQU   X'02'       SPLU,HALT IN PROGRESS (6.2)             51MD  00311000

000016                            3519 LUBFLAG3 DS    B     MISCELLANEOUS FLAGS - NOT RESET AT CONNECTION        00330000
                                  3520 *     FLAGS USED TO CONTROL SELECTIVE TRACING                            00340000
                         00080    3521 LUBTRCOK EQU   X'80'     NORMAL RPL COMPLETION TO BE TRACED             00350000
                         00040    3522 LUBTRCER EQU   X'40'     ERROR RPL COMPLETIONS TO BE TRACED             00360000
                                  3523 *                                                                 59MD  00361000
                         00008    3524 LUBLUCFL EQU   X'08'       A LUC'S Q ON THIS LUB IS BEING FLUSHED   59MD  00362000
                         00004    3525 LUBDVTID EQU   X'04'       THIS CONTROL BLOCK IS A VTIDTAB ENTRY    90MD  00363000
                                  3526 *                          (SHOULD NEVER BE SET ON IN A LUB)        90MD  00363100
                         00001    3527 LUBDFCHN EQU   X'01'       LUB IS ON THE DYNAMIC FREE CHAIN         90MD  00365000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98
000017                           3529 LUBFLAG4 DS    B    MISCELLANEOUS FLAGS - RESET AT CONNECTION          00380000
                       00080     3530 LUBSRSYN EQU   X'80'     SEQ NO RESYNCHRONIZATION IN PROGRESS        00390000
                       00040     3531 LUBINB   EQU   X'40'               SESSION IS IN BRACKET-MODE   SM1168 00390100
                       00020     3532 LUBPDRTR EQU   X'20'               RTR PENDING                  SM1168 00390200
                       00010     3533 LUBPDEB  EQU   X'10'               PENDING SEND OF EB           SM1168 00390300
                       00008     3534 LUBPDBB  EQU   X'08'               PENDING SEND OF BB           SM1168 00390400
                       00058     3535 LUBNBETB EQU   LUBINB+LUBPDBB+LUBPDEB MASK FOR 'NOT BETWEEN BRACKET'  00390500
                       00004     3536 LUBRCVEB EQU   X'04'               EB RECEIVED ON CURRENT I/P CHAIN    00390600
                       00002     3537 LUBRCVMD EQU   X'02'               LU IS IN HDFF RECEIVE MODE   SM1168 00390700
                       00001     3538 LUBSNDCH EQU   X'01'               NEXT MSG SHOULD BE A 'CHASE' CMND   00390800

000018                           3540 LUBSHTIC DS    X         CNTR FOR TIKTOK RTN FOR SPLU,SHUTD TIMING    00410000

000019                           3542 LUBSFLGS DS    OFL2    SEND FLAGS - RESET AT CONNECTION           SM1168 00430000
                                 3543 *                                                                 SM1168 00431000
000019                           3544 LUBSF1   DS    FL1                 FIRST SEND FLAG BYTE           SM1168 00432000
                       00080     3545 LUBSACT  EQU   X'80'     VTSEND ACTIVE FOR THIS LUB                  00440000
                       00040     3546 LUBSDISP EQU   X'40'     VTSEND DISPATCHED (BUT NOT YET ACTIVE)      00450000
                       00020     3547 LUBSQEC  EQU   X'20'     QEC RECEIVED FROM LU                        00460000
                       00010     3548 LUBSQC   EQU   X'10'     IF LUBSQEC=1, THEN 1 WHEN QC IND. SENT TO LU  00470000
                                 3549 *    IF QUIESCE UNDERWAY BOTH LUBSQEC & LUBSQC ARE 1                 00480000
                       00008     3550 LUBFCMQD EQU   X'08'               FECMRLSE IS QUEUED           SM1592 00481000
                       00004     3551 LUBSIGRS EQU   X'04'               SIGNAL HAS BEEN SENT         XM0242 00482000
                       00002     3552 LUBCEBS  EQU   X'02'               CONDITIONAL EB +CD SENT        51MD 00483000
                       00001     3553 LUBRSYNC EQU   X'01'     RSLU DONE AFTER SENDBID FAILED W. 0813  XM0913 00484000

00001A                           3555 LUBSF2   DS    FL1                 SECOND SEND FLAG BYTE          SM1168 00500000
                       00080     3556 LUBSFDR  EQU   X'80'               DEFINITE RESPONSE ON DEFAULT   SM1168 00501000
                       00040     3557 LUBSFER  EQU   X'40'               EXCEPTION RESPONSE ON DEFAULT  SM1168 00502000
                       00020     3558 LUBSFR1  EQU   X'20'               RESPONSE TYPE 1 ON DEFAULT     SM1168 00503000
                       00010     3559 LUBSFR2  EQU   X'10'               RESPONSE TYPE 2 ON DEFAULT     SM1168 00504000

00001B                           3561 LUBRTCTR DS    FL1                 OPNDST  RETRY COUNTER             1069 00511000

00001C                           3563 LUBQM    DS    OA        ADDR OF MSG BEING SCH OR PENDING DEF RESP     00520000
00001C                           3564 LUBQMC   DS    X         INDEX OF COMPONENT FOR MSG IN LUBQM (BYTE 0)  00530000
00001D                           3565          DS    AL3       VALUE OF LUBQM (BYTES 1-3)                    00540000
000020                           3566 LUBQCFSN DS    H         SEQNO IF FIRST/ONLY SEG OF CHAIN BEING SCHED  00550000
000022                           3567 LUBQCLSN DS    H         SEQNO OF CHAIN SEGMENT OR MSG JUST SCHEDULED  00560000
000024                           3568 LUBQCHN  DS    B         CHAIN STATE OF LAST SEG SCHED (LIKE RPLCHN)   00570000
000025                           3569 LUBUINV  DS    AL1                 AUTOUP INTERVAL (MINUTES)      1138 00580000

000026                           3571 LUBQF1   DS    B    FLAGS FOR MSG IN LUBQM - NOT RESET AT CONNECTION   00600000
                       00080     3572 LUBQSCH  EQU   X'80'     MSG IN LUBQM BEING SCHEDULED                00610000
                       00020     3573 LUBQCSEG EQU   X'20'     MSG IN LUBQM WAS SEGMENTED BY AUTO-SEG      00630000
                       00010     3574 LUBQCANC EQU   X'10'     CHAIN BEING SCHEDULED MUST BE CANCELED      00650000
                       00008     3575 LUBQPDR  EQU   X'08'     MSG/CHAIN IN LUBQM PENDING DEFINITE RESP.   00660000
                       00004     3576 LUBQFLSH EQU   X'04'               FLUSH MESSAGE IN 'LUBQM'     SM1168 00670000
                       00002     3577 LUBQRSCH EQU   X'02'     MSG/CHAIN IN LUBQM MUST BE RESCHEDULED      00680000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM H V 02 15.46 09/01/98

000027                           3579 LUBSPRMS DS    OFL2              SESSION PARAMETERS FLAGS      SM1168 00700000

000027                           3581 LUBSPRM1 DS    FL1               SESSION FLAGS - BYTE 1        SM1168 00701000
                          00080  3582 LUBUBRAC EQU   X'80'             BRACKET PROTOCOL TO BE USED   SM1168 00701500
                          00040  3583 LUBFSPKR EQU   X'40'             INTERCOMM IS FIRST SPEAKER    SM1168 00702000
                          00020  3584 LUBCBTRM EQU   X'20'             CONDITIONAL BRACKET TERMINATION      00702500
                          00010  3585 LUBHDFF  EQU   X'10'             HALF-DUPLEX FLIP-FLOP PROTOCOL       00703000
                          00008  3586 LUBSCHOK EQU   X'08'             OUTPUT CHAINING MAY BE USED   SM1168 00703500

000028                           3588 LUBSPRM2 DS    FL1               SESSION FLAGS - BYTE 2        SM1168 00704500
                          00080  3589 LUBSDRSP EQU   X'80'             DEFINITE RESP ALLOWED ON SEND SM1168 00705000
                          00040  3590 LUBSERSP EQU   X'40'             EXCEPTION RESP ALLOWED ON SEND       00705500
                                 3591 * IF LUBSDRSP AND LUBSERSP BOTH=0, NO RESP. IF BOTH=1, EITHER TYPE.    00706000
                          00020  3592 LUBSRSP1 EQU   X'20'             RESP TYPE 1 ALLOWED ON SEND   SM1168 00706500
                          00010  3593 LUBSRSP2 EQU   X'10'             RESP TYPE 2 ALLOWED ON SEND   SM1168 00707000

000029                           3595 LUBRCHN  DS    X         CURRENT INPUT CHAIN STATE (FORMAT OF RPLCHN)  00710000
00002A                           3596 LUBOPRTY DS    XL1                 RESPONDED O/P MSG RETRY COUNT SM1168 00720000

00002B                           3598 LUBRF1   DS    B    RECEIVE FLAGS - RESET AT CONNECTION                00740000
                          00080  3599 LUBRCVBK EQU   X'80'      BLOCKED I/P BEING RECEIVED                    00750000
                          00040  3600 LUBRCVCH EQU   X'40'      CHAIN BEING RECEIVED                          00760000
                          00020  3601 LUBACMCH EQU   X'20'      CHAIN BEING ACCUMULATED                       00770000
                          00010  3602 LUBTRCHN EQU   X'10'      REMAINDER OF CHAIN TO BE TRUNCATED BECAUSE   X00780000
                                                                OF EXCEPTION CONDITION                        00790000
                          00008  3603 LUBRACT  EQU   X'08'      SET WHEN INPUT MSG BEING RECVD FOR THIS LUB   00800000
                          00001  3604 LUBRCEB  EQU   X'01'      SET WHEN CEB IN MESSAGE  (6.2 ONLY)  SM2242 00809000
00002C                           3605 LUBCVIB  DS    OF        ADDR OF CURRENT VIB IF ACCUM CHN - BYTES 1-3  00810000
00002C                           3606 LUBCLUC  DS    X         INDEX (REL TO 1) OF LUC ASSOCIATED WITH      X00820000
                                                               CHAIN INPUT  (BYTE 0 OF LUBCVIB)              00830000
00002D                           3607          DS    AL3       VALUE OF LUBCVIB                              00840000

000030                           3609 LUBUSER  DS    F         USER FIELD (FOR USER EXITS)                   00860000
000034                           3610 LUBOTSEG DS    H                   OUTBOUND SEGMENT SIZE. 0=NO LIMIT   00865000
000036                           3611 LUBFLAG5 DS    B         INTERCOMM SUPPLIED USER EXIT FLAGS      4OMD 00865200
                          00080  3612 LUBSIMPD EQU   X'80'                 SIMLOGON PENDING (FROM OTQUEUE) 4OMD 00865300
                          00040  3613 LUBRELPD EQU   X'40'                 RELREQ SPLU PENDING             4OMD 00865400
000037                           3614 LUBLGONF DS    XL1                 SIMLOGON CONSECUTIVE FAIL COUNT 9OMD 00865500
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98
000038                           3616 LUBLUFLD DS    XL8                LU-DEPENDENT FIELDS           SM1168 00866500

                                 3618 *        FOLLOWING FIELDS USED FOR 3270N, 3270S LOGICAL UNITS   SM1168 00867500
000040                     00038 3619          ORG   LUBLUFLD           SKIP BACK TO REDEFINE         SM1168 00868000
000038                           3620 LUBLUDF  DS    FL1                3270-DEPENDENT FLAGS          SM1168 00868500
                           00080 3621 LUBPDRDB EQU   X'80'               PENDING RESULT OF READ BUFFER SM1168 00869000
                           00040 3622 LUBPDCPY EQU   X'40'               PENDING BISYNC COPY           SM1168 00869500
                           00020 3623 LUBCPYAB EQU   X'20'               BISYNC COPY ABORTED DUE TO ERROR     00870000

000039                           3625 LUBLCUNO DS    XL1                LOGICAL CONTROL-UNIT NO. 0=NONE.     00871000
00003A                           3626 LUBDEVAD DS    AL1                DEVICE ADDRESS, IF LCUNO NON-ZERO.MR 00871500
00003B                           3627          DS    XL1                RESERVED FOR FURTHER USE      SM1168 00872000
00003C                           3628 LUBDNXT  DS    OF                 PTR TO NEXT LUB ON DYN FREE CHN 52MD 00872450
00003C                           3629 LUBDLU   DS    F                  DEST LUB ADDR FOR COPY-3      SM1663 00872500

000040                     00038 3631          ORG   LUBLUFLD           SKIP BACK TO REDEFINE         SM1168 00873500
                                 3632 *        FOLLOWING FIELDS USED FOR LU 6.2 LOGICAL UNITS         51MD 00873550
000038                           3633 LUB62MST DS    OF                 POINTER TO MASTER 6.2 LUB      51MD 00873600
000038                           3634 LUB62FL1 DS    XL1                LU 6.2 FLAG BYTE 1             51MD 00873650
                           00080 3635 LUBNOSES EQU   X'80'               ACCEPT NO MORE SESSIONS        51MD 00873675
                           00040 3636 LUBSEEND EQU   X'40'               FORCE SESSION ENDS WHEN        51MD 00873700
                                 3637 *                                 CONVERSATIONS TERMINATE        51MD 00873725
                           00020 3638 LUBDRNR  EQU   X'20'               CNOS DRAIN HAS BEEN RECEIVED  SM2242 00873730
000039                           3639          DS    XL1                UNUSED                         51MD 00873750
00003A                           3640 LUB62MAX DS    XL1                MAXIMUM SESSION COUNT (DEFINED) 52MD 00873800
00003B                           3641 LUB62CUR DS    XL1                CURRENT CONCURRENT SESSIONS    51MD 00873850
00003C                           3642 LUB62NXT DS    OF                 POINTER TO NEXT LUB ON CHAIN  SM2242 00873900
00003C                           3643 LUB62EXT DS    F                  POINTER TO LUB EXTENSION      SM2242 00873925
000040                     00038 3644          ORG   LUBLUFLD           SKIP BACK TO REDEFINE          51MD 00873950
                                 3645 *        OTHER DEVICE TYPES FIELDS GO HERE                     SM1168 00874000

000038                     00040 3647          ORG   ,                  RESUME WITH REST OF DSECT     SM1168 00875000
000040                           3648 LUBEND   DS    OF                                                      00880000
                           00040 3649 LUBLEN   EQU   *-LUB                LENGTH OF LUB                         00890000
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                  ASM H V 02 15.46 09/01/98

                                  3651 *                                                                  SM2242 00890200
                                  3652 *         LOGICAL UNIT EXTENSION BLOCK DSECT                       SM2242 00890300
                                  3653 *                                                                  SM2242 00890400
000000                            3654 LBX       DSECT                                                    SM2242 00890500
000000                            3655 LBXID     DS    C'LBX'              LITERAL FOR DUMP READING       SM2242 00890600
000003                            3656 LBXFLAG1  DS    B                   EXTENSION FLAG BYTE 1          SM2242 00890700
                                  3657 *                                                                  SM2242 00890800
                           00080  3658 LBXWTPLU EQU   X'80'                VTQMOD THREAD AWAITING PLU     SM2242 00890900
                           00040  3659 LBXDQDSP EQU   X'40'                MASTER LUB DEQ RTN ACTIVE/DISP  52MD 00891000
                           00020  3660 LBXENQD  EQU   X'20'                SLU SESSION COUNT ENQ ACTIVE   SM2242 00891100
                           00008  3661 LBXCNOSC EQU   X'08'                STARTUP CNOS EXCHANGE COMPLETE  52MD 00891200
                           00004  3662 LBXCNOSS EQU   X'04'                CNOS EXCHANGE IN PROGRESS      SM2242 00891300
                           00002  3663 LBXCNOSR EQU   X'02'                CNOS RACE CONDITION DETECTED   SM2242 00891400
                           00001  3664 LBXCNOSM EQU   X'01'                CNOS BAD MODE NAME  DETECTED   SM2242 00891500
                                  3665 *                                                                  SM2242 00891600
000004                            3666 LBXPLUC   DS    XL1                 COUNT OF CURRENT PLU SESSIONS  SM2242 00891700
000005                            3667 LBXSLUC   DS    XL1                 COUNT OF CURRENT SLU SESSIONS  SM2242 00891800
000006                            3668 LBXPLUM   DS    XL1                 MAX PLU SESSION COUNT(DEFINED)  52MD 00891900
000007                            3669 LBXSLUM   DS    XL1                 MAX SLU SESSION COUNT(DEFINED)  52MD 00892000
                                  3670 *                                                                  SM2242 00892100
000008                            3671 LBXNMAX   DS    XL1                 NEGOTIATED MAXIMUM SESSIONS    SM2242 00892200
000009                            3672 LBXNPLU   DS    XL1                 NEGOTIATED MAX PLU SESSIONS    SM2242 00892300
00000A                            3673 LBXNSLU   DS    XL1                 NEGOTIATED MAX SLU SESSIONS    SM2242 00892400
00000B                            3674           DS    XL1                 RESERVED                       SM2242 00892500
                                  3675 *                                                                  SM2242 00892600
00000C                            3676 LBXPECB   DS    F                   ECB TO WAIT ON WHEN NO PLU'S   SM2242 00892700
                                  3677 *                                   (POSTED BY VTCDM62 WHEN RETURNED 52MD 00892800
                                  3678 *                                    TO AVAILABLE CHAIN)           SM2242 00892900
                                  3679 *                                                                  SM2242 00893000
                                  3680 *       FOLLOWING IS THE MODENAME OF THE USER SESSIONS             SM2242 00893100
                                  3681 *                                                                  SM2242 00893200
000010                            3682 LBXMODE   DS    CL8                 MODENAME OF ALL USER SESSIONS  SM2242 00893300
                                  3683 *                                                                  SM2242 00893400
                                  3684 *       FOLLOWING ARE THE ORIGINS OF VARIOUS LU CHAINS             SM2242 00893500
                                  3685 *                                                                  SM2242 00893600
000018                            3686 LBXSLUPF  DS    F                   PTR TO FIRST SLU LUB           SM2242 00893700
00001C                            3687 LBXSLUPL  DS    F                   PTR TO LAST  SLU LUB           SM2242 00893800
000020                            3688 LBXPLUAF  DS    F                   PTR TO FIRST PLU LUB AVAILABLE  52MD 00893900
000024                            3689 LBXPLUAL  DS    F                   PTR TO LAST  PLU LUB AVAILABLE  52MD 00894000
000028                            3690 LBXPLUUF  DS    F                   PTR TO FIRST PLU LUB IN USE    SM2242 00894100
00002C                            3691 LBXPLUUL  DS    F                   PTR TO LAST  PLU LUB IN USE    SM2242 00894200
000030                            3692 LBXEND    DS    OD                  DOUBLE WORD ALIGN              SM2242 00894300
                           00030  3693 LBXLEN    EQU   *-LBX               LENGTH OF LBX                  SM2242 00894400
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                  3695 *                                                                      00910000
                                  3696 *         LOGICAL UNIT COMPONENT BLOCK                                 00920000
                                  3697 *                                                                      00930000
000000                            3698 LUC       DSECT                                                        00940000
000000                            3699 LUCNAME   DS    CL5       COMPONENT NAME                               00950000
000005                            3700 LUCALT    DS    CL5       NAME OF ALTERNATE COMPONENT IF DOWN          00960000
00000A                            3701 LUCCMPNO  DS    C         COMPONENT NUMBER WITHIN LUNIT                00970000

00000B                            3703 LUCLF1    DS    B    LOGICAL FLAGS - RESET AT CONNECTION               00990000
                            00020 3704 LUCINTLK  EQU   X'20'     TERMINAL LOCKED BECAUSE OF SEGLOCK           01020000
                            00010 3705 LUCDSPLY  EQU   X'10'     UNRELEASED DISPLAY ON CRT                    01030000
                            00008 3706 LUCQEMPT  EQU   X'08'     Q-EMPTY MSG ISSUED BY RLSE VERB              01040000
                            00004 3707 LUCIPFL   EQU   X'04'     SET TO FLSH I/P WHILE IN CONVERSATIONAL WAIT  01050000
                            00002 3708 LUCCNTL   EQU   X'02'     THIS LOG UNIT IS CNTL TERM (ONLY 1 COMP OK)  01060000
                            00001 3709 LUC62IN   EQU   X'01'     LUC HAS INITIATED AN APPC (6.2) TRANS VRB 52MD 01061000

00000C                            3711 LUCLF2    DS    B    LOGICAL FLAGS - RESET AT CONNECTION               01080000
                            00080 3712 LUCDDQ    EQU   X'80'          A DDQ FECM IS BEING PROCESSED SM1168 01081000
                            00040 3713 LUCDDQE   EQU   X'40'           A DDQ FECM IS COMPLETING     XM0332 01082000

00000D                            3715 LUCRID    DS    X         REGION ID FOR REGION LOCK                    01100000
00000E                            3716 LUCCSB    DS    H       CSB OFFSET REL. TO A(VTSPECS) (-1=>NO CSB)  03MD 01110000

000010                            3718 LUCWQE    DS    F         TO HOLD CONVERSATIONAL WAIT TIME-OUT WQE      01130000

                                  3720 *    THE STATIC FLAG BYTES LUCMF1 & LUCMF2 ARE MERGED AT CONNECTION     01150000
                                  3721 *    TIME WITH CORRESPONDING FLAGS CODED ON THE CSB.  VALUES           01160000
                                  3722 *    EXPLICITLY CODED ON THE LUC ARE INDICATED BY FLAGS IN LUCCMF1     01170000
                                  3723 *    & LUCCMF2: WHEN VALUE CODED ON LUC IT TAKES PRECEDENCE,           01180000
                                  3724 *    ELSE VALUE TAKEN FROM CSB, ELSE DEFAULT USED IF NOT CODED         01190000
                                  3725 *    ON CSB OR NO CSB.                                                 01200000
                                  3726 *                                                                      01210000
                                  3727 *    THE CONNECTION MERGE IS ONLY DONE FOR STATIC LUNITS.  FOR         01220000
                                  3728 *    DYNAMIC LUNITS STATIC FLAGS ARE COPIED FROM CSB - NONE            01230000
                                  3729 *    MAY BE SPECIFIED ON LCOMP.                                        01240000

                                  3731 *  LUCMF1 AND LUCMF2 ARE 'STATIC' FLAGS=DO NOT CHANGE DURING EXECUTION 01260000
000014                            3732 LUCMF1    DS    B    LOGICAL FLAGS THAT CAN BE MERGED WITH CSB         01270000
                            00080 3733 LUCRLRSP  EQU   X'80'     RESPONSE TO RLSE MESSAGE DESIRED             01280000
                            00040 3734 LUCCRT    EQU   X'40'     COMP IS CRT                                  01290000
                            00020 3735 LUCCONV   EQU   X'20'     CONVERSATIONAL OPTION                        01300000
                            00010 3736 LUCSEGLK  EQU   X'10'     SEGMENT LOCK - LOCK ON QPR 0, UNLK ON QPR 0,2 01310000
                            00008 3737 LUCLOG    EQU   X'08'     LOG O/P MSGS (X'F1' & X'F3')                 01320000
                            00004 3738 LUCASYNC  EQU   X'04'     AYNCHRONOUS LOGGING REQUESTED                01330000
                            00002 3739 LUCRESTA  EQU   X'02'     RESTART ALL MSGS                             01340000
                            00001 3740 LUCRESTI  EQU   X'01'     RESTART IF POSSIBLE                          01350000
                                  3741 *                                                                      01360000
000015                            3742 LUCMF2    DS    B    MERGABLE FLAGS (2)                                01370000
                            00080 3743 LUCNOQOT  EQU   X'80'     RLSE MESSAGE RESPONSE SHOUD BE RSET KBRD  78MD 01371000
                                  3744 *   BITS IN LUCCMF1 & LUCCMF2 INDICATE THAT CORRESPONDING              01380000
                                  3745 *   BIT IN LUCMF1 & LUCMF2 WAS CODED ON LCOMP MACRO.                   01390000
000016                            3746 LUCCMF1   DS    B         CODED VALUE FLAGS FOR LUCMF1                 01400000
000017                            3747 LUCCMF2   DS    B         CODED VALUE FLAGS FOR LUCMF2                 01410000

000018                            3749 LUCIRID   DS    XL1              REGION ID TO LOCK TO AT LOGON SM1657 01460000
```

```
  LOC  OBJECT CODE     ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

000019                             3750 LUCODNC  DS    XL1               COUNT OF DOWN ORIGINALS       SM1923 01470000
00001A                             3751 LUCAIDGR DS    XL1               AIDGRP INDEX (DFLT IN CSBAIDGR)      01475000

00001B                             3753 LUCQF1   DS    B         QUEUE RELATED FLAGS                          01490000
                             00080 3754 LUCORGDN EQU   X'80'     THIS LUC IS THE ALTERNATE OF A DOWN ORGINAL   01500000
                             00040 3755 LUCQRSCH EQU   X'40'      MESSAGE IN LUCQM TO BE RESCHEDULED     SM1168 01501000
                             00020 3756 LUCQSKIP EQU   X'20'      CURRENT MESSAGE IS NOT TO BE SENT      SM1168 01502000
                             00010 3757 LUCQSYSQ EQU   X'10'      CURRENT MESSAGE IS A SYSTEM RESPONSE     51MD 01503000
                             00008 3758 LUCQFLSH EQU   X'08'      QUEUE FLUSHING IS IN PROGRESS            59MD 01504000

00001C                             3760 LUCSCTOF DS    H         OFFSET OF SCT REL TO A(VTSCT)                01520000

00001E                             3762 LUCLOCK  DS    H                 INDEX TO CURRENT LOCKED VERB     01MD 01540000
000020                             3763          DS    OA,XL1            RESERVED FOR FURTHER USE       SM1168 01541000
000021                             3764 LUCQM    DS    AL3               RESCHEDULED MESSAGE ADDRESS    SM1168 01545000

000024                             3766 LUCLF3   DS    B    LOGICAL FLAGS 3                                 01560000
                                   3767 *   LUCLF3 MATCHES WITH PTRSW5 (OFFFSET X'24') IN THE BTERM,        01570000
                                   3768 *   FOLLOWING BIT IS SET 1 IF THIS CONTROL BLOCK IS A LUC:          01580000
                             00080 3769 LUCIND   EQU   X'80'     MATCHES BIT PTRLUC IN PTRSW5                 01590000
                                   3770 *   OTHER BITS HAVE MEANING ONLY TO VTAM                            01600000
                             00040 3771 LUCACT   EQU   X'40'     COMPONENT UP/DOWN STATUS                     01610000
                             00020 3772 LUCDSW   EQU   X'20'     LUCALT SHOWS DYNAMIC LU NAME              90MD 01611000
000025                             3773          DS    XL3       UNUSED                                       01620000

000028                             3775          DS    OA,XL1            RESERVED FOR FURTHER USE       SM1168 01632000
000029                             3776 LUCDDQFA DS    AL3               ADDR OF CURRENT DDQ FECM MESSAGE     01632100
00002C                             3777          DS    OA,XL1            RESERVED FOR FURTHER USE       SM1168 01632200
00002D                             3778 LUCNXTMA DS    AL3               ADDR OF 'NEXT' MESSAGE FROM DDQ      01632300

000030                             3780 LUCILOCK DS    CL4               INITIAL LOCK VERB                01MD 01632330
                                   3781 * NOTE:  IF LUCILOCK IS BLANK AT VTAM STARTUP THEN IT IS          01MD 01632340
                                   3782 *        INITIALISED FROM THE CSB (FIELD CSBILOCK)                01MD 01632350
                                   3783 *        IF LUCILOCK IS STILL BLANK THEN NO AUTOMATIC LOCK AT     01MD 01632360
                                   3784 *        LOGON TIME. OTHERWISE FIELD CONTAINS THE VERB TO BE      01MD 01632370
                                   3785 *        LOCKED TO AT THE BEGINNING OF EACH SESSION               01MD 01632380
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

000034                           3787           DS    0A                START ON FULL-WORD BOUNDARY   SM1168 01632500
000034                           3788 LUCCDFLD  DS    XL12              COMPONENT DEPENDENT FIELDS    SM1168 01632600



                                 3790 *         FOLLOWING FIELDS USED FOR 3270N, 3270S              SM1168 01632800
000040                     00034 3791           ORG   LUCCDFLD          SKIP BACK TO REDEFINE         SM1168 01632900
000034                           3792 LUCCDF    DS    FL1               3270-DEPENDENT FLAGS          SM1168 01633000
                           00080 3793 LUCALTBF EQU   X'80'             ALTERNATE BUFFER BEING USED   SM1587 01633050

000035                           3795 LUCDROW   DS    XL1               DEFAULT NO. OF LINES          SM1168 01633200
000036                           3796 LUCDCOL   DS    XL1               DEFAULT NO. OF COLUMNS        SM1168 01633300
000037                           3797 LUCDAROW  DS    XL1               ALTERNATE NO. OF ROWS         SM1168 01633400
000038                           3798 LUCDACOL  DS    XL1               ALTERNATE NO. OF COLUMNS      SM1168 01633500


                                 3800 *         FOLLOWING FIELDS USED FOR LU 6.2                      51MD 01633620
000039                     00034 3801           ORG   LUCCDFLD          SKIP BACK TO REDEFINE         51MD 01633640
000034                           3802 LUCFECM   DS    OF       (PLU ONLY) PTR TO FECMLU6 FOR APPC TRANS SM2242 01633650
000034                           3803 LUCCBMN   DS    F        (SLU ONLY) BMN OF LU 6.2 CONVERSATION MSG  52MD 01633660


000038                     00034 3805           ORG   LUCCDFLD          SKIP BACK TO REDEFINE         SM1168 01633700
                                 3806 *                                                               SM2242 01633705
                                 3807 *         THE FOLLOWING FIELDS WILL ONLY OCCUR IN THE LUC OF THE SM2242 01633710
                                 3808 *         MASTER SESSION FOR THIS 6.2 ISC LINK                  SM2242 01633715
                                 3809 *                                                               SM2242 01633720
000034                           3810 LUC6PCNT  DS    XL1               COUNT OF CURRENT PLU'S CARRYING 52MD 01633725
                                 3811 *                                 A CONVERSATION  (FECMLU6)      SM2242 01633730
000035                           3812 LUC6PHI   DS    XL1               HI THIS RUN FOR ABOVE COUNT   SM2242 01633735
000036                           3813 LUC6SCNT  DS    XL1               COUNT OF CURRENT SLU'S CARRYING 52MD 01633740
                                 3814 *                                 A CONVERSATION  (INPUT BMN)    SM2242 01633745
000037                           3815 LUC6SHI   DS    XL1               HI THIS RUN FOR ABOVE COUNT   SM2242 01633750
000038                     00034 3816           ORG   LUCCDFLD          SKIP BACK TO REDEFINE         SM2242 01633755
                                 3817 *         OTHER DEVICE TYPES FIELDS GO HERE                     SM1168 01633800


000034                     00040 3819           ORG   .                 RESUME WITH REST OF DSECT     SM1168 01634000
000040                           3820 LUCEND    DS    0F                                                     01640000
                           00040 3821 LUCLEN    EQU   *-LUC                                                  01650000
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                  3823 *                                                                      01670000
                                  3824 *    VTAM COMPONENT SPEC BLOCK  -                                      01680000
                                  3825 *                                                                      01690000
000000                            3826 CSB      DSECT                                                       01700000
000000                            3827 CSBID    DS    C'CSB'    LITERAL FOR DUMP READING                    01710000
000003                            3828 CSBCTYP  DS    XL1              CLASS/TYPE CODE              SM1168 01720000
                            00001 3829 CSB3790I EQU   X'01'             3790 INQUIRY SESSION         SM1168 01730000
                            00002 3830 CSB3790B EQU   X'02'             3790 BATCH SESSION           SM1168 01740000
                            00004 3831 CSB3600  EQU   X'04'             3600 FINANCE CONTROLLER SESSION      01750000
                            00011 3832 CSB3270N EQU   X'11'             3270 BYSINC SESSION          SM1168 01760000
                            00012 3833 CSB3270S EQU   X'12'             3270 SNA SESSION             SM1168 01761000
                            00021 3834 CSBCONSL EQU   X'21'            CPU CONSOLE ACTING AS CTRL TEM     JP 01762000
                            00051 3835 CSBCICS  EQU   X'51'            LU6.2 APPL-APPL SESSION (CICS)  51MD 01763000
                            00052 3836 CSBICOM  EQU   X'52'            LU6.2 APPL-APPL SESSION (ICOM)  51MD 01764000

                                  3838 *    FOLLOWING FIELDS MERGED INTO LCOMP AT START-UP FOR STATIC LUNITS  01780000
000004                            3839 CSBLF1   DS    B         LOGICAL FLAGS 1                             01790000
                                  3840 *    FLAG SETTINGS  SAME AS  LUCMF1                                    01800000
000005                            3841 CSBLF2   DS    B         LOGICAL FLAGS 2                             01810000
                                  3842 *    FLAG SETTINGS  SAME AS  LUCMF2                                    01820000
000006                            3843 CSBIRID  DS    AL1              REGION LOCK ID               XM0912 01840000
000007                            3844          DS    AL1              RESERVED FOR FUTURE USE      XM0912 01841000

000008                            3846 CSBAIDGR DS    AL1              AIDGRP NUMBER. 0=NOT SPECIFIED       01851000
000009                            3847 CSBCTCHL DS    AL1              LENGTH OF CTCHAR STRING. 0=NONE      01852000

00000A                            3849 CSBIPPB  DS    X         LEN OF I/P BEGIN PADDING                    01860000
00000B                            3850 CSBIPPE  DS    X         LEN OF I/P END PADDING                      01870000
00000C                            3851 CSBOPPB  DS    X         LEN OF O/P BEGIN PADDING                    01880000
00000D                            3852 CSBOPPE  DS    X         LEN OF O/P END PADDING                      01890000

00000E                            3854 CSBCVB   DS    H       OFFSET OF CVB REL TO A(VTSPECS) (-1=>NO CSB)03MD 01910000

000010                            3856 CSBILOCK DS    CL4              INITIAL LOCK VERB              01MD 01930000
000014                            3857          DS    XL4              RESERVED FOR FUTURE USE        01MD 01935000

000018                            3859 CSBEND   DS    0F                                                    01950000
                            00018 3860 CSBLEN   EQU   *-CSB            LENGTH OF FIXED PART OF CSB  SM1168 01960000

000018                            3862 CSBCTCH  DS    0C               CTCHAR STRING. LENGTH IN CSBCTCHL    01962000



                                  3864 *                                                                      01980000
                                  3865 *    COMPONENT VECTOR BLOCK (ENTRY IN COMPONENT VECTOR TABLE)          01990000
                                  3866 *                                                                      02000000
000000                            3867 CVB      DSECT                                                       02010000
000000                            3868 CVBCDIN  DS    A                                                     02020000
000004                            3869 CVBCDOUT DS    A                                                     02030000
000008                            3870 CVBCDUP  DS    A                                                     02040000
00000C                            3871 CVBCDDWN DS    A                                                     02050000
                            00010 3872 CVBLEN   EQU   *-CVB                                                 02060000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                   3874 *                                                                      02080000
                                   3875 *    LOGICAL UNIT SPECIFICATION BLOCK - HOLDS STATIC LUNIT INFO        02090000
                                   3876 *                                                                      02100000
000000                             3877 LSB      DSECT                                                         02110000
000000                             3878 LSBID    DS    C'LSB'    LITERAL FOR DUMP READING                      02120000
000003                             3879 LSBLTYP  DS    XL1              CLASS/TYPE CODE              SM1168 02130000
                          00001    3880 LSB3790I EQU   X'01'             3790 INQUIRY SESSION         SM1168 02140000
                          00002    3881 LSB3790B EQU   X'02'             3790 BATCH SESSION           SM1168 02150000
                          00004    3882 LSB3600  EQU   X'04'             3600 FINANCE CONTROLLER SESSION     02160000
                          00011    3883 LSB327ON EQU   X'11'             3270 BISYNC SESSION          SM1168 02161000
                          00012    3884 LSB327OS EQU   X'12'             3270 SNA SESSION             SM1168 02162000
                          00021    3885 LSBCONSL EQU   X'21'            CPU CONSOLE ACTING AS CTRL TERM   JP 02163000
                          00051    3886 LSBCICS  EQU   X'51'            LU6.2 APPL-APPL SESSION (CICS)  51MD 02164000
                          00052    3887 LSBICOM  EQU   X'52'            LU6.2 APPL-APPL SESSION (ICOM)  51MD 02165000

000004                             3889 LSBSOPT  DS    B          SEND OPTIONS                               02180000
                          00080    3890 LSBSDRSP EQU   X'80'    DEFINITE RESPONSE TO BE USED ON DEFAULT   SM1168 02190000
                          00040    3891 LSBSERSP EQU   X'40'    EXCEPTION RESPONSE TO BE USED ON DEFAULT  SM1168 02191000
                          00020    3892 LSBSRSP1 EQU   X'20'    RESPONSE TYPE 1 TO BE USED ON DEFAULT     SM1168 02200000
                          00010    3893 LSBSRSP2 EQU   X'10'    RESPONSE TYPE 2 TO BE USED ON DEFAULT     SM1168 02201000
                          00008    3894 LSBSAUTC EQU   X'08'              AUTOMATIC OUTBOUND SEGMENTATION     02202000
                                   3895 *                           EXIT OR BY MAXIMUM SEGMENT SIZE (LSBOTSEG) 02210000
                          00004    3896 LSBSFMH  EQU   X'04'      O/P FUNC MANAGEMENT HDR REQUIRED           02250000

000005                             3898 LSBROPT  DS    B          RECEIVE OPTIONS                            02270000
                          00080    3899 LSBRACHN EQU   X'80'      I/P CHAINS TO BE ACCUMULATED INTO SINGLE MSG 02280000
                          00040    3900 LSBRFMHA EQU   X'40'      I/P FM HEADERS ASSUMED TO BE PRESENT       02290000
                          00020    3901 LSBRFMHM EQU   X'20'      I/P MSG INDICATES IF FMHDR PRESENT         02300000
                                   3902 *     IF NEITHER OF ABOVE FLAGS ON,THEN NO I/P FMHDRS ALLOWED        02310000

000006                             3904 LSBMOPT  DS    B           MISC OPTIONS                              02330000
                          00080    3905 LSBSHUTD EQU   X'80'       SNA SHUTDOWN SEQUENCE TO BE DONE          02340000
                          00040    3906 LSBITPUP EQU   X'40'       I/P AUTOMATICALLY TPUPS DOWN COMPONENTS   02350000
                          00010    3907 LSBNOSNA EQU   X'10'               NON-SNA DEVICE IN RECORD-MODE SM1168 02351000

000007                             3909 LSBASOPT DS    FL1          ALLOWED SEND OPTIONS                  SM1168 02370000
                          00080    3910 LSBASDRS EQU   X'80'    DEFINITE RESPONSE ALLOWED TO BE USED      SM1168 02371000
                          00040    3911 LSBASERS EQU   X'40'    EXCEPTION RESPONSE ALLOWED TO BE USED     SM1168 02372000
                          00020    3912 LSBASRS1 EQU   X'20'    TYPE 1 RESPONSE ALLOWED TO BE USED        SM1168 02373000
                          00010    3913 LSBASRS2 EQU   X'10'    TYPE 2 RESPONSE ALLOWED TO BE USED        SM1168 02374000

000008                             3915 LSBOTSEG DS    H          MAX O/P SEG SIZE FOR AUTO-SEG IF NO USER   02380000
                                   3916 *                         OUTSEG EXIT.  IF 0,THEN NO MAXIMUM.        02390000
                                   3917 *                         IF -1, THEN USER SEGMENTATION SUBR TO BE USED 02400000

00000A                             3919 LSBULVB  DS    H           OFFSET OF USER-EXIT LVB REL TO A(VTSPECS)03MD 02420000
                                   3920 *                         IF -1, THEN NO LU-RELATED USER LVB; USE GLOBAL 02430000
                                   3921 *                         LVB IN VCTULVB IF DEFINED.                 02440000
00000C                             3922 LSBILVB  DS    H     OFFSET OF INTERNAL LVB REL TO A(VTSPECS) FOR LU03MD 02450000
                                   3923 *                          DEPENDENT PROCESSING ROUTINES.  IF -1,     02460000
                                   3924 *                          THEN NO INTERNAL LVB IS DEFINED.           02470000
00000E                             3925 LSBSHCTO DS    X      TIME LIMIT FOR RECEIPT OF SHUTC WHEN SHUTD SENT/O 02480000
00000F                             3926 LSBUOPT  DS    B          INTERCOMM SUPPLIED USER EXIT OPTIONS     40MD 02490000
                          00080    3927 RLRQREL  EQU   X'80'              ISSUE SPLU IF RELREQ RECEIVED  40MD 02490100
                          00008    3928 OUTQACQ  EQU   X'08'              ISSUE STLU IF OUTPUT MSG QUEUED 40MD 02490500
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

000010                           3929 LSBSNDBF DS    H     LEN OF SEND BUFFER TO ALLOC IN VTSEND SAVE AREA    02500000
000012                           3930 LSBDFCSB DS    H    OFFSET OF DEFAULT CSB REL TO A(VTSPECS). IT IS O3MD 02510000
                                 3931 *                      PLUGGED INTO LCOMP AT LOGON IF NO CSB CODED      02520000
000014                           3932 LSBLMODE DS    CL8                LOGMODE                          SM1168 02521000
00001C                           3933          DS    X                  UNUSED                           SM1168 02522000
00001D                           3934 LSBBNDAR DS    AL3                USER BINDAREA ADDRESS            SM1168 02523000
000020                           3935          DS    X                  UNUSED                           SM1168 02530000
000021                           3936 LSBTRSTB DS    AL3                ADDR OF INPUT TRANSLATE TABLE    SM1168 02531000
000024                           3937 LSBTMOUT DS    H                  HDFF TIME OUT INTERVAL (SEC)     SM1168 02532000
000026                           3938          DS    H                  RESEREVD                         SM1168 02533000
                                 3939 *                                                                  SM1168 02534000
000028                           3940          DS    OF                 END ON FULL-WORD BOUNDARY        SM1168 02540000
                          00028  3941 LSBLEN   EQU   *-LSB                                                       02550000


                                 3943 *                                                                        02570000
                                 3944 *    LOGICAL UNIT VECTOR BLOCK - HOLDS ADDRS OF LU-RELATED USER EXITS    02580000
                                 3945 *                                                                        02590000
000000                           3946 LVB      DSECT           EXIT NAME     FUNCTION                          02600000
000000                           3947 LVBLUS   DS    A         LUS=       CONTROL=LUS RECEIVED                 02610000
000004                           3948 LVBREC   DS    A         RCVEXCD=   RECEIVE-RELATED EXCEPTIONAL COND   02620000
000008                           3949 LVBINQ   DS    A         INQUEUE=   BEFORE-INPUT-QUEUING               02630000
00000C                           3950 LVBOTQ   DS    A         OTQUEUE=   BEFORE-OUTPUT-QUEUING              02640000
000010                           3951 LVBSAB   DS    A         SNDABT=    SEND-ABORTED                      02650000
000014                           3952 LVBSER   DS    A         SNDEXR=    SEND EXCEPTION RESPONSE RECEIVED  02660000
000018                           3953 LVBSNR   DS    A         SNDNRM=    SEND NORMAL RESPONSE RECEIVED     02670000
00001C                           3954 LVBOTS   DS    A         OUTSEG=    SEND AUTO-SEGMENTATION            02680000
000020                           3955 LVBSQR   DS    A         SQRSYN=    SEQUENCE NUMBER RECOVERY          02690000
000024                           3956 LVBLGN   DS    A         LOGON=     LOGON COMPLETE                    02700000
000028                           3957 LVBSHD   DS    A         SHUTD=     SPLU,SHUTD STARTED                02710000
00002C                           3958 LVBHLT   DS    A         HALT=      SPLU,HALT STARTED                 02720000
000030                           3959 LVBSGL   DS    A         SIGNAL=    SIGNAL INDICATOR RECVD            02730000
000034                           3960 LVBSCP   DS    A         SCIP=      SCIP - BIND FROM PLU RECVD   51MD 02731000
                          00038  3961 LVBLEN   EQU   *-LVB                                                       02740000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                  ASM H V 02 15.46 09/01/98

                                   3963           COPY  VXQCB                                                    00009600
000000                             3964 VXQCB     DSECT                                                          00010000
                                   3965 *                                                                        00020000
                                   3966 *     VTAM EXIT QUEUE CONTROL BLOCKS ARE USED BY VTEXITS TO              00030000
                                   3967 *     COMMUNICATE   VTAM EXIT ROUTINE PARAMETERS BETWEEN THE             00040000
                                   3968 *     IRB MODE EXIT ROUTINES AND THE MAINLINE EXIT ROUTINES.             00050000
                                   3969 *                                                                        00060000
000000                             3970 VXLINK    DS    A          LINK FIELD                                     00070000
                                   3971 *                                                                        00080000
000004                             3972 VXVRE     DS    OA   RPL ADDR (BYTE 0-3)- RECEIVE EXIT ONLY       SM2198 00090000
000004                             3973 VXLUB     DS    A    LUB ADDR (BYTE 0-3)- DFASY,LOSTERM,SCIP,LOGN SM2198 00100000
                                   3974 *                                                                        00110000
000008                             3975 VXTYPE    DS    AL1  EXIT TYPE:                                          00120000
                            00000  3976 VXTLOGON  EQU   0          LOGON                                          00130000
                            00004  3977 VXTDFASY  EQU   4          DFASY                                          00140000
                            00008  3978 VXTLOSTM  EQU   8          LOSTRM                                         00150000
                            0000C  3979 VXTRELRQ  EQU   12         RELREQ                                         00160000
                            00010  3980 VXTSCIP   EQU   16         SCIP                                           00170000
                            00014  3981 VXTTPEND  EQU   20         TPEND                                          00180000
                            00018  3982 VXTRECVE  EQU   24         RECEIVE SPECIFIC EXIT FOR LU 6.2         51MD 00180100
                            0001C  3983 VXTNSXIT  EQU   28         NSEXIT                                   51MD 00180200
000009                             3984 VXFLAG    DS    AL1  FLAG BYTE:                                    51MD 00181000
                            00080  3985 VXNPOOL   EQU   X'80'      SET IN VXFLAG IF VXQCB NOT IN POOL       51MD 00190000
                            00040  3986 VXSVTID   EQU   X'40'      LOGON - SESSION MNGR PASSES REAL VTAMID SM2209 00191000
                                   3987 *                                                                        00200000
00000A                             3988 VXFILL    DS    AL2        FILLER                                   51MD 00210000

00000C                             3990 VXD       DS    5F   VARIABLE PORTION OF VXQCB -                 SM2209 00230000
                                   3991 *       NOTE  -       CONTENTS OF VXD WORDS DEPENDS ON TYPE        51MD 00231000
                                   3992 *                     OF EXIT BEING SCHEDULED                      51MD 00232000
000020                      0000C  3993           ORG   VXD                                                      00240000
00000C                             3994 VXCID     DS    CL4        CID  - LOGON REQUEST FROM ANOTHER APPL   51MD 00242000
                                   3995 *                          OR SCIP BIND REQUEST                    51MD 00244000
000010                             3996 VXNAME    DS    CL8        LU NAME - LOGON AND RELREQ               51MD 00250000
000018                             3997 VXUSER    DS    CL8        LOGON - SESSION MNGR PASSED REAL VTAMID SM2209 00250100
000020                      00010  3998           ORG   VXNAME                                                 51MD 00251000
000010                             3999 VXBIND    DS    F          ADDR OF BIND PARMS IN SCIP BIND          51MD 00252000
000014                      0000C  4000           ORG   VXD                                                    51MD 00260000
00000C                             4001 VXLTC     DS    X          LOSTERM REASON CODE                           00270000
00000D                      0000C  4002           ORG   VXD                                                      00280000
00000C                             4003 VXTPC     DS    X          TPEND REASON CODE                             00290000
00000D                      0000C  4004           ORG VXD                                                        00300000
00000C                             4005 VXSIGDA   DS    F          RPLSIGDA IF CONTROL=SIGNAL (DFASY)            00310000
000010                             4006 VXCNTRL   DS    OBL3       RPLCNTRL - DFASY INDICATOR                    00320000
000010                             4007 VXCNTDF   DS    B                                                        00330000
000011                             4008 VXCNTDC   DS    B                                                        00340000
000012                             4009 VXCNTSC   DS    B                                                        00350000

000013                      00020  4011           ORG                                                            00370000
                            00020  4012 VXQCBL    EQU   *-VXQCB                                                  00380000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM H V 02 15.46 09/01/98

                                   4014          VCT   SECT=D                                                    00009800
                                   4015+         PRINT NOGEN                                              CH  01-VCT
                                   4020+         PRINT GEN                                                CH  01-VCT
000000                             4021+VCT      DSECT                                                        01-VCT
                                   4022+* VTAM CONTROL TABLE
                                   4023+* MASTER CONTROL BLOCK FOR INTERCOMM VTAM FRONT END
000000 E5C3E3F0                    4024+VCTID    DC    CL4'VCTO'           DUMP IDENTIFIER & LEVEL NUMBER       01-VCT


000004 00000000                    4026+VCTLUT   DC    V(VTLUT)            LOGICAL UNIT TABLE                   01-VCT
000008 00000000                    4027+VCTSPEC  DC    V(VTSPECS)          START OF SPECIFICATION BLOCKS  03MD 01-VCT
00000C 00000000                    4028+VCTDYNLU DC    V(VTDYNLUS)         STATIC PTR TO STRT OF DYN LUS SM2241 01-VCT
000010 00000000                    4029+VCTDYNFF DC    V(VTDYNLUS)         STRT OF DYN LU FREE CHAIN PTR SM2241 01-VCT
000014 00000000                    4030+VCTDYNFL DC    V(VTDYNLST)         END OF DYN LU FREE CHAIN PTR  SM2241 01-VCT
000018 00000000                    4031+VCTAPOOL DC    F'0'                ADDR OF VXQCB & VRE POOL             01-VCT
00001C 00000000                    4032+VCTSCT   DC    V(VTAMSCTS)         VTAM SCTS FOR QUEUING                01-VCT
000020 00000000                    4033+VCTSPA   DC    V(SPA)              ADDR OF BACK-END SPA                 01-VCT
000024                             4034+VCTACBAD DS    A                   A(ACB)                               01-VCT
000028                             4035+VCTEXLAD DS    A                   A(EXLST)                             01-VCT
00002C 00000000                    4036+VCTLUCMD DC    V(VTLUCMD) .        A(LOGICAL UNIT COMMAND PROCESSOR)    01-VCT
000030 00000000                    4037+VCTGTVRE DC    V(VTGETVRE)         A(SUBR IN VTVREERR TO ALLOC VRE)     01-VCT
000034 00000000                    4038+VCTVRRQE DC    V(VTVRERQE)         VTVREERR ENTRY-ANALYSE ASYNC REQ ERR 01-VCT
000038 00000000                    4039+VCTVRCKE DC    V(VTVRECKE)         VTVREERR ENTRY-ANALYSE CHECK/SYN REQ 01-VCT
00003C 00000000                    4040+VCTTRACV DC    V(VTTRACEV)         VRE COMPLETION TRACE SUBR            01-VCT
000040 00000000                    4041+VCTPSS62 DC    V(VTPASS62)         VERB ISC PASS THROUGH ROUTINE SM2241 01-VCT
000044 00000000                    4042+VCTVRT   DC    A(0) .              ADDR OF VTAM RPL TABLE               01-VCT
000048 00000000                    4043+VCTAPPLT DC    V(APPLNAME)         6.2 APPLID TABLE ORIGIN       SM2241 01-VCT
                                   4044+*    LIST ANCHORS AND ECB FOR VTEXITS PROCESSIG
00004C 00000000                    4045+VCTEXECB DC    F'0'                ECB-IRB EXIT POSTS TO WAKE VTEXDISP  01-VCT
000050                             4046+VCTFEXQ  DS    OD                  FREE VXQCB LIST PTRS          SM2044 01-VCT
000050 00000000                    4047+VCTFEXQH DC    A(0)                  LIST HEAD                   SM2044 01-VCT
000054 00000000                    4048+VCTFEXQT DC    A(0)                  LIST TAIL                   SM2044 01-VCT
000058                             4049+VCTPEXQ  DS    OD                  PENDING VXQCB LIST PTRS              01-VCT
000058 00000000                    4050+VCTPEXQH DC    A(0)                  LIST HEAD                          01-VCT
00005C 00000000                    4051+VCTPEXQT DC    A(0)                  LIST TAIL                          01-VCT
                                   4052+*    SHUTDOWN CONTROL INFO
000060 00000000                    4053+VCTSDWQE DC    F'0'                TO HOL SHUTD TIMER WQE ADDR          01-VCT
000064 7F000000                    4054+VCTSHECB DC    X'7F000000'         ECB CLRED WHEN SHD START,POST AT END 01-VCT
000068 003C                        4055+VCTSHDTO DC    Y(60)               VTCN,SHUTD TIME LIMIT OR ZERO XM1227 01-VCT
00006A 0019                        4056+VCTMXSHT DC    H'25'               MAX NO OF CONCURRENT SHUTD THREADS/O  01-VCT
00006C 0000                        4057+VCTNMSHT DC    H'0'                CURRENT NO OF CONCURRENT SHUTD THRDS  01-VCT

                                   4059+*   VIB/VSB PADDING INFO - MUST BE IN FOLLOWING ORDER           SM1169
00006E 00                          4060+VCTIPPB  DC    XL1'0'              LENGTH OF I/P BEGIN PADDING AREA     01-VCT
00006F 00                          4061+VCTIPPE  DC    XL1'0'              LENGTH OF I/P END PADDING AREA       01-VCT
000070 00                          4062+VCTOPPB  DC    XL1'0'              LENGTH OF O/P BEGIN PADDING AREA     01-VCT
000071 00                          4063+VCTOPPE  DC    XL1'0'              LENGTH OF O/P END PADDING AREA       01-VCT

000072 0064                        4065+VCTXPACE DC    H'100'              DEFINED PACING VALUE          XM0911 01-VCT
000074 FFFF                        4066+VCTULVB  DC    Y(0-1)    NO GLOBAL LVB SPECIFIED                        01-VCT
000076 0000                        4067+VCTSNMAX DC    Y(0)        .       MAXIMUM NO. OF CONCURRENT SESSIONS   01-VCT
000078 0000                        4068+VCTSNCUR DC    H'0' .              CURRENT NO. OF SESSIONS              01-VCT
00007A 0000                        4069+VCTSNHWM DC    H'0' .              SESSION HIGH-WATER-MARK              01-VCT
00007C 0068                        4070+VCTRCVAL DC    Y((104+7)/8*8)      RECV-ANY DFSYN BUFFER LEN IN DWDS    01-VCT
00007E 0000                        4071+VCTCPACE DC    H'0'                CURRENT PACING THREADS        XM0911 01-VCT
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM H V 02 15.46 09/01/98

000080 00000000                  4072+          DC    F'0' .              RESERVED                                  01-VCT
000084 02                        4073+VCTRCVNO  DC    AL1(2)       .      NO. OF RECEIVE-ANY RTYP=DFSYN THRDS       01-VCT
000085 02                        4074+VCTRCVRS  DC    AL1(2)        .     NO. OF RECEIVE-ANY RTYP=RESP THREADS      01-VCT

000086 A1                        4076+VCTFLAG1  DC    B'10100001'                                   FLAG BYTE 1       01-VCT
                          00080  4077+VCTRESP   EQU   X'80' .             SEND RESPONSES ALLOWED                    01-VCT
                          00040  4078+VCTBTAM   EQU   X'40'               USE BTAM SEQ NO                    1093   01-VCT
                          00020  4079+VCTELOG   EQU   X'20'               6.2 EXTRA LOG ENTRIES NEEDED       SM2241 01-VCT
                          00008  4080+VCTTEST   EQU   X'08'               USE NQ OPT IF CNTRL/ALT SIMLG      SM2083 01-VCT
                          00004  4081+VCTASK    EQU   X'04'               ASK USR IF CNTRL/ALT SIMLG FL      SM2083 01-VCT
                          00002  4082+VCTMDMN   EQU   X'02'               MULTIPLE DOMAINS ARE PRESENT       XM0318 01-VCT
                          00001  4083+VCTSTART  EQU   X'01'               AUTO-START OF VTAM-FE              SM1169 01-VCT

000087 00                        4085+VCTFLAG2  DC    B'0' .              FLAG BYTE                                 01-VCT
                          00080  4086+VCTTKTKA  EQU   X'80'               TIKTOK TIMER IN VTLUCMD ACTIVE            01-VCT
                          00040  4087+VCTSTPIP  EQU   X'40' .             STOP-INPUT ENABLED                        01-VCT
                          00020  4088+VCTDTOK   EQU   X'20'               DATA TRAFFIC IS PERMITTED.                01-VCT
                          00010  4089+VCTSHDIP  EQU   X'10'               VTCN,SHUTD IN PROGRESS                    01-VCT
                          00008  4090+VCTHLTIP  EQU   X'08'               VTCN,HALT IN PROGRESS                     01-VCT
                          00004  4091+VCTACBOP  EQU   X'04'               VTAM ACB IS OPEN                          01-VCT
                          00002  4092+VCTSTACQ  EQU   X'02'               VTSTART IS ACQUIRING LU'S             17MD 01-VCT
                          00001  4093+VCTNCNCL  EQU   X'01'               VTAM HALT,QUICK OR ABEND           XM0228 01-VCT

000088 00                        4095+VCTFLAG3  DC    B'00000000'                                   FLAG BYTE 3       01-VCT
                          00080  4096+VCTSESM   EQU   X'80'                SESSION MANAGER IS INVOLVED       SM2209 01-VCT
                                 4097+*                                   REAL VTAMID PASSED IN LOGON       SM2209
                          00040  4098+VCTDVTID  EQU   X'40'                NON 6.2 DYNAMIC LUS ACTIVE         90MD 01-VCT
                          00002  4099+VCTAUDSP  EQU   X'02'                VTAUTOUP DISPATCHED FOR VTCN       90MD 01-VCT
                          00001  4100+VCTHWAIT  EQU   X'01'                WAIT REQUESTED AFTER VTCN          90MD 01-VCT

000089 00                        4102+VCTSEP    DC    X'0' .              SYSTEM SEPARATOR CHARACTER                01-VCT

                                 4104+*   RPL COMPLETION TRACE OPTIONS
00008A C0                        4105+VCTTRF    DC    B'11000000'                                                   01-VCT
                          00080  4106+VCTWTOER  EQU   X'80'      ISSUE WTO ON ALL ERROR COMPLETIONS                01-VCT
                          00040  4107+VCTTRCER  EQU   X'40'      TRACE ALL ERROR COMPLETIONS                       01-VCT
                          00020  4108+VCTTRCOK  EQU   X'20'      TRACE ALL NORMAL COMPLETIONS                      01-VCT
                          00010  4109+VCTTRCSH  EQU   X'10'      BYPASS TRACING DURING VTCN SHUTD/HALT      SM2031 01-VCT
                          00008  4110+VCTSNPSH  EQU   X'08'      BYPASS SNAPS DURING VTCN SHUTD/HALT        SM2031 01-VCT
                          00004  4111+VCTWTOSH  EQU   X'04'      BYPASS WTO'S DURING VTCN SHUTD/HALT        SM2031 01-VCT
                          00002  4112+VCTNOS63  EQU   X'02'      BYPASS FULL SNAP ID 63'S                   SM2079 01-VCT
00008B 00                        4113+VCTUPINV  DC    AL1(0)               VTAM RESTART INTERVAL (MINUTES) 1138 01-VCT
                                 4114+*  SAVE AREA OPTIMIZATION CELLS FOR VARIOUS COMMON VTAM SUBRS
00008C 00000000                  4115+VCTCELLA  DC    A(0)                 SAVCELL FOR VTFINMSG (IN VTSEND)  JS 01-VCT
000090 00000000                  4116+VCTCELLB  DC    A(0)                 SAVCELL FOR VTQUEUE                    01-VCT
000094 00000000                  4117+VCTCELLC  DC    A(0)                 SAVCELL FOR VTDEQUE                    01-VCT
000098 00000000                  4118+VCTCELLD  DC    A(0)                 SAVCELL FOR VTVREERR                   01-VCT

                                 4120+*  VCTCTLUB, VCTCTLUC AND VCTCTFLG WILL BE NON-ZERO ONLY IF THE      JP
                                 4121+*  ICOM CONTROL TERM IS A VTAM TERMINAL.  THEY ARE ORIGINALLY FILLED JP
                                 4122+*  IN BY VTSTART AND ALTERED BY VTLUCMD.                             JP
00009C 00000000                  4123+VCTCTLUB  DC    F'0'                 ADDR OF LUB OF CTRL TERM          JP 01-VCT
0000A0 00000000                  4124+VCTCTLUC  DC    F'0'                 ADDR OF LUC OF CTRL TERM          JP 01-VCT
0000A4                    0009C  4125+          ORG   VCTCTLUB                                               JP 01-VCT
00009C                           4126+VCTCTFLG  DS    0X                   CTRL TERM STATUS FLAG             JP 01-VCT
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM H V 02 15.46 09/01/98

                           00080  4127+VCTCTVTM EQU   X'80'            CTRL TERM IS A VTAM TERM          JP 01-VCT
                           00040  4128+VCTO1MOD EQU   X'40'          VTO1MOD IS ACTIVE (CPU CONSOLE I/O)  JP 01-VCT
                           00020  4129+VCTCTPRI EQU   X'20'            PRIMARY CNTRL TERM IS ACTIVE      JP 01-VCT
00009C                     000A4  4130+          ORG   .                                                  JP 01-VCT
0000A4 00000000                   4131+          DC    F'0'             RESERVED                            01-VCT
0000A8 00000000                   4132+VCTIDTAB  DC    V(VTIDTABL)       VTAM/ICOM LU ID TABLE        SM1169 01-VCT
0000AC 00000000                   4133+VCTICINX  DC    V(ICIDINDX) .     INDEX TO ID TABLE BY ICOMID    09MD 01-VCT
0000B0 00000000                   4134+VCTVTINX  DC    V(VTIDINDX) .     INDEX TO ID TABLE BY VTAMID    09MD 01-VCT
                                  4135+*     STATISTICS COUNTERS
0000B4 0000                       4136+VCTVREST  DC    H'0'  NUMBER OF VRES OBTAIN VIA STORAGE INSTEAD OF POOL  01-VCT
0000B6 0000                       4137+VCTVXQGM  DC    H'0'  NUMBER OF VXQCBS OBTAIN VIA GETMAIN INSTEAD POOL   01-VCT
0000B8 0000                       4138+VCTNMDYN  DC    H'0'             NUMBER OF DYN LUS DEFINED       90MD 01-VCT
0000BA 0000                       4139+VCTCUDYN  DC    H'0'             CURRENT DYN LUS IN USE          90MD 01-VCT
0000BC 0000                       4140+VCTMXDYN  DC    H'0'             MAXIMUM FOR ABOVE COUNT         90MD 01-VCT
0000BE 08                         4141+VCTAPPLN  DC    AL1(8)           MAXIMUM LENGTH OF APPLID        66MD 01-VCT
0000BF 4040404040404040           4142+VCTAPPNM  DC    CL8' '           AREA TO HOLD APPLID             66MD 01-VCT
0000C7 08                         4143+VCTPSSLN  DC    AL1(8)           MAXIMUM LENGTH OF PASSWD        66MD 01-VCT
0000C8 4040404040404040           4144+VCTPSSNM  DC    CL8' '           AREA TO HOLD PASSWD             66MD 01-VCT

0000D0 0194                       4146+VCTLENTH  DC    Y(VCTEND-VCT)     LENGTH OF VCT FOR SNAPPING IT      01-VCT

0000D2 00                         4148+VCTLGONF  DC    AL1(0)           SIMLOGON FAILURES B4 DEACT      90MD 01-VCT
0000D3 00                         4149+          DC    XL1'0'            UNUSED                         90MD 01-VCT

0000D4                            4151+VCTEXDSA  DS    18F   VTEXDISP SAVE AREA - VTEXITS EXIT RTN DISPATCHER  01-VCT

00011C                            4153+VCTRPL    DS    0F                                                 03-ISTRP
00011C 00                         4154+          DC    AL1(0)             RPL IDENTIFICATION              03-ISTRP
00011D 20                         4155+          DC    AL1(32)            RPL SUBTYPE              XO4SVHS 03-ISTRP
00011E 00                         4156+          DC    AL1(0)             RPL REQUEST TYPE                03-ISTRP
00011F 70                         4157+          DC    AL1(112)           RPL LENGTH               XO3004 03-ISTRP
000120 00000000                   4158+          DC    A(0) .             POINTER TO PLACEHOLDER          03-ISTRP
000124 00000000                   4159+          DC    A(0) .             ECB                             03-ISTRP
000128 00                         4160+          DC    BL1'0' .           STATUS BYTE                     03-ISTRP
000129 000000                     4161+          DC    XL3'0'             FEEDBACK CODES                  03-ISTRP
00012C 00                         4162+          DC    B'00000000'        THIRD REQUEST HEADER            03-ISTRP
                                  4163+*                                          BYTE            XO4SVHS
00012D 00                         4164+          DC    B'00000000'        SEND/RECEIVE TYPE        XO4SVHS 03-ISTRP
00012E 10                         4165+          DC    B'00010000'        REQUEST UNIT CHAIN POSITION     03-ISTRP
00012F 00                         4166+          DC    X'00'                    VTAM FLAGS      X3004BH 03-ISTRP
000130 00                         4167+          DC    B'00000000'        POST/RESPOND FLAGS       XO4SVHS 03-ISTRP
000131 80                         4168+          DC    B'10000000'        DATA CONTROL             XO4SVHS 03-ISTRP
000132 00                         4169+          DC    B'00000000'        DATA CONTROL             XO4SVHS 03-ISTRP
000133 00                         4170+          DC    B'00000000'        SESSION CONTROL          XO4SVHS 03-ISTRP
000134 00000000                   4171+          DC    A(VCTACB)                                          XO3-ISTRP
                                     +                     .             POINTER TO ACB
000138 000000                     4172+          DC    AL3(0) .           USER RH                 @R491100 03-ISTRP
00013B 00                         4173+          DC    AL1(0)             SONCODE NOT SPECIFIED   @R491100 03-ISTRP
00013C 00000000                   4174+          DC    A(0)     .         POINTER TO RECORD AREA          03-ISTRP
000140 00000000                   4175+          DC    A(0)     .         POINTER TO ARGUMENT             03-ISTRP
000144 20                         4176+          DC    B'00100000'    .   OPTCD BYTE 1                     03-ISTRP
000145 80                         4177+          DC    B'10000000'                                        XO3-ISTRP
                                     +                          .       OPTCD BYTE 2
000146 00                         4178+          DC    AL1(0) .            OPTCD BYTE 3             XO4SVHS 03-ISTRP
000147 00                         4179+          DC    AL1(0) .            OPTCD BYTE 4             XO4SVHS 03-ISTRP
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

000148 00000000                  4180+          DC    A(0)       .          POINTER TO NEXT RPL              03-ISTRP
00014C 00000000                  4181+          DC    A(0) .                RESERVED FOR LOGICAL REC LEN     03-ISTRP
000150 00000000                  4182+          DC    A(0) .                RESERVED FOR BUFFER LENGTH       03-ISTRP
                                 4183+*                                     OPTCD BYTES 5-8          XO3004
000154 10                        4184+          DC    B'00010000'                                            XO3-ISTRP
                                    +                                .    BYTE 5                   XO4SVHS
000155 30                        4185+          DC    B'00110000'                                            XO3-ISTRP
                                    +                                .    BYTE 6                   XO4SVHS
000156 94                        4186+          DC    B'10010100'                                            XO3-ISTRP
                                    +                                .    BYTE 7                   XO4SVHS
000157 50                        4187+          DC    B'01010000'                                            XO3-ISTRP
                                    +                                .    BYTE 8                   XO4SVHS
000158 0000                      4188+          DC    AL2(0)                STSN OUTBOUND SEQ NO      X3004BH  03-ISTRP
00015A 0000                      4189+          DC    AL2(0)                STSN INBOUND SEQ NO       X3004BH  03-ISTRP
00015C 80                        4190+          DC    B'10000000'           STSN OUTBOUND ACTION CODES       03-ISTRP
00015D 80                        4191+          DC    B'10000000'           STSN INBOUND ACTION CODES        03-ISTRP
00015E 0000                      4192+          DC    AL2(0)                SEQUENCE NUMBER           X3004BH  03-ISTRP
000160 40                        4193+          DC    B'01000000'                                    @G40AKSL  03-ISTRP
000161 00                        4194+          DC    AL1(0)                ACTIVE INDICATOR                 03-ISTRP
000162 0000                      4195+          DC    AL2(0)       .        MAXIMUM ERROR MSG LENGTH         03-ISTRP
000164 00000000                  4196+          DC    A(0) .                RESERVED FOR MESSAGE AREA PTR    03-ISTRP
000168 00000000                  4197+          DC    A(0)       .          ADDITIONAL DATA AREA PTR XO3004  03-ISTRP
00016C 00000000                  4198+          DC    A(0)         .        ADDITIONAL AREA LENGTH   XO3004  03-ISTRP
000170 00000000                  4199+          DC    A(0)         .        ADDITIONAL RECORD LENGTH XO3004  03-ISTRP
000174 00000000                  4200+          DC    XL4'0'                FEEDBACK AREA            XO3004  03-ISTRP
000178 00000000                  4201+          DC    XL4'0'                USER FIELD               XO3004  03-ISTRP
00017C 80                        4202+          DC    B'10000000'                                            XO3-ISTRP
                                    +                                .    OPTCD BYTE 9             XO4SVHS
00017D 00                        4203+          DC    B'00000000'                                            XO3-ISTRP
                                    +                                .    OPTCD BYTE 10            XO4SVHS
00017E 80                        4204+          DC    B'10000000'                                            XO3-ISTRP
                                    +                                .    OPTCD BYTE 11            XO4SVHS
00017F 12                        4205+          DC    B'00010010'                                            XO3-ISTRP
                                    +                                .    OPTCD BYTE 12            XO4SVHS
000180 00                        4206+          DC    B'00000000'           SYSTEM SENSE OUTPUT       XO4SVHS  03-ISTRP
                                 4207+*                                     DATA                     XO3004JS
000181 00                        4208+          DC    AL1(0)                SYSTEM SENSE MODIFIER            03-ISTRP
                                 4209+*                                     OUTPUT                   XO3004JS
000182 0000                      4210+          DC    AL2(0)                USER SENSE OUTPUT         X3004BH  03-ISTRP
000184 00000000                  4211+          DC    A(0)                  SAVE AREA OF FAST PATH  @Z40BHUC  03-ISTRP
000188 00000000                  4212+          DC    A(0)                  SIGNAL DATA FIELD       @Z40BHUC  03-ISTRP
                                 4213+*

                                 4215+          EXTRN VCTACB                                                  01-VCT
00018C                           4216+          DS    F       VTAM ACB GOES HERE                              01-VCT
000190                           4217+          DS    F       VTAM EXLST GOES HERE                            01-VCT
000194                           4218+VCTEND    DS    OF .    END OF VCT                                      01-VCT
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM H V 02 15.46 09/01/98

                                   4220           COPY  VTIDTABD                                                  00010005
000000                             4221 VTIDTABD  DSECT                                                  90MD 00001000
000000                             4222 VTDVTID   DS    CL8                  VTAM-ID                     90MD 00002000
000008                             4223 VTDICMID  DS    CL5                  ICOM NAME                   90MD 00003000
00000D                             4224 VTDFLAG   DS    X                                                90MD 00004000
00000E                             4225 VTDLGCNT  DS    H                    LU LOGONS COUNTER           90MD 00005000
                             00010 4226 VTDSYLEN EQU   *-VTIDTABD      LENGTH 1 STANDARD VTIDTAB ENTRY  90MD 00006000
                                   4227 *         FOLLOWING FIELDS ONLY IF DYNLUS=YES IN VCT            90MD 00007000
                                   4228 *                 FOR NON-LU6.2 DYNAMIC LU SUPPORT              90MD 00008000
000010                             4229 VTDCSB    DS    H                    VTSPECS OFFSET TO CSB TO USE 90MD 00009000
000012                             4230 VTDLSB    DS    H                    VTSPECS OFFSET TO LSB TO USE 90MD 00010000
000014                             4231 VTDFLAG1  DS    B    CONNECTION FLAGS  (CORRESPONDS TO LUBFLAG1)  90MD 00011000
                             00080 4232 VTDSIMLG EQU   X'80'                LU TO BE ACQUIRED            90MD 00012000
                             00040 4233 VTDDYN   EQU   X'40'                LUB RESERVED FOR DYNAMIC LOGONS 90MD 00013000
                             00020 4234 VTDACQ   EQU   X'20'                LU WAS ACQUIRED              90MD 00014000
                             00010 4235 VTDCONN  EQU   X'10'                LU IS CONNECTED              90MD 00015000
                             00008 4236 VTDACTIV EQU   X'08'                LU IS ELIGIBLE FOR USE       90MD 00016000
                             00004 4237 VTDERRDN EQU   X'04'                LU DISCONNECTED DUE TO ERRORS, 90MD 00017000
                                   4238 *                                   LUBSENSE CONTAINS SENSE BYTES 90MD 00018000
                             00002 4239 VTDRCON  EQU   X'02'                CONTROL RECONNECT REQUIRED   90MD 00019000
                             00001 4240 VTDSLU   EQU   X'01'                LU IS ACTING IN SECONDARY MODE 90MD 00020000
                                   4241 *                                   (ONLY VALID FOR APPC/6.2 LU'S) 90MD 00021000
000015                             4242 VTDLGONF  DS    X                     SIMLOGON FAILURES COUNT     90MD 00022000
000016                             4243 VTDFLAG3  DS    X                     CORRESPONDS TO LUBFLAG3     90MD 00023000
                                   4244 *     FLAGS USED TO CONTROL SELECTIVE TRACING                   90MD 00024000
                             00080 4245 VTDTRCOK EQU   X'80'     NORMAL RPL COMPLETION TO BE TRACED    90MD 00025000
                             00040 4246 VTDTRCER EQU   X'40'     ERROR RPL COMPLETIONS TO BE TRACED    90MD 00026000
                                   4247 *                                                              90MD 00027000
                             00008 4248 VTDLUCFL EQU   X'08'       A LUC'S Q ON THIS LUB IS BEING FLUSHED 90MD 00028000
                             00004 4249 VTDDVTID EQU   X'04'       THIS CONTROL BLOCK IS A VTIDTAB ENTRY 90MD 00029000
                                   4250 *                          (SHOULD ALWAYS BE SET ON IN A VTIDTAB) 90MD 00030000
                                   4251 *                                                              90MD 00031000
                             00001 4252 VTDDFCHN EQU   X'01'       DYNAMIC LUB IS ON DYNAMIC FREE CHAIN  90MD 00032000
                                   4253 *                          (SHOULD NEVER BE SET ON IN A VTIDTAB) 90MD 00033000
000017                             4254 VTDDLUID  DS    CL5                   NAME OF ASSIGNED DLU        90MD 00034000
00001C                             4255 VTDDLUAD  DS    AL4                   ASSIGNED DLU LUB ADDRESS    90MD 00035000
                             00020 4256 VTDYLEN  EQU   *-VTIDTABD      LENGTH 1 EXTENDED VTIDTAB ENTRY  90CH 00036000
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                  4258           COPY  VRT                                                    00010205
                                  4259 *                                                                      00010000
                                  4260 *   VTAM RPL TABLE - A POOL OF VRE'S (VTAM RPL ELEMENTS)               00020000
                                  4261 *   EACH VRE CONTAINS THE INTERCOMM FIELDS NEEDED FOR A VTAM REQUEST   00030000
                                  4262 *   FOLLOWED BY THE VTAM RPL                                           00040000
                                  4263 *                                                                      00050000
000000                            4264 IFGRPL   DSECT                    MUST USE VTAM'S DSECT NAME IN ORDER  00060000
                                  4265 *                                 TO INCLUDE VTAM DSECT WITHIN SAME    00070000
                                  4266 *                                 BASE REGISTER.                       00080000
                                  4267 *   WHEN ISSUING VTAM REQUESTS, THE RPL ADDRESS IS PASSED BY           00090000
                                  4268 *   REFERENCING THE SYMBOL "VRERPL"                                    00100000

000000                            4270 VRT      DS    OD                 VRT HEADER                           00120000
000000                            4271 VRTFREE  DS    F                  FIRST FREE VRE                       00130000
000004                            4272 VRTNUM   DS    H                  NUMBER OF VRES ALLOC                 00140000
000006                            4273          DS    H                  RESERVED                             00140100
                            00008 4274 VRTLEN   EQU   *-VRT              LENGTH OF VRT HEADER                 00150000

000008                      00000 4276          ORG   VRT                BACKUP TO DEFINE VRE                 00170000
000000                            4277 VRE      DS    OD                 VTAM RPL ELEMENT                     00180000
000000                            4278 VRECHAIN DS    F                  IF ELEMENT IS FREE, THIS IS A CHAIN X00190000
                                                                         POINTER TO NEXT FREE VRE, OR O       00200000
000004                            4279          DS    F                  RESERVED                             00210000

000008                      00000 4281          ORG   VRE                BACKUP TO DEFINE ALLOCATED VRE       00230000
000000                            4282 VRELUB   DS    A          TO PASS LUB ADDR TO VTVREERR,VTTRCVRE      00240000
                                  4283 *                                                                      00250000
                                  4284 *    VREACTCD IS SET BY THE VTRPLERR SUBROUTINE WHICH IS INVOKED       00260000
                                  4285 *    BY THE VTCHKVRE MACRO WHEN REQUEST OR CHECK COMPLETES W/ERROR.    00270000
                                  4286 *    VTRPLERR DOES PRELIMINARY ANALYSIS AND SETS VREACTCD TO           00280000
                                  4287 *    INDICATE SUGGESTED ACTION.  SEE VTRPLERR COMMENTARY FOR DETAILS.  00290000
                                  4288 *                                                                      00300000
000004                            4289 VREACTCD DS    B                                                       00310000
                            00080 4290 VRELOGIC EQU   X'80'     LOGIC ERROR, SNAP DONE BY VTRPLERR.           00320000
                            00040 4291 VREVTINA EQU   X'40'     VTAM INACTIVE, EXIT CLEANLY TO ALLOW RESTART  00330000
                            00020 4292 VREABORT EQU   X'20'     REQUEST ABORTED (1)                           00340000
                            00010 4293 VRERSYNC EQU   X'10'     RESYNC SEQNO DUE TO EXCP MSG/RESP (1)         00350000
                            00008 4294 VRECLDST EQU   X'08'     CLSDST REQD DUE TO EXCP MSG/RESP  (1)         00360000
                            00004 4295 VRESNEXR EQU   X'04'     DISCARD I/P,SEND EXCP RESP,TRUNC REM OF CHN   00370000
                            00002 4296 VREFLCHN EQU   X'02'     EXCP RESP REQUIRES FLUSHING CHAIN (2)         00380000
                            00001 4297 VRERESCH EQU   X'01'     EXCP RESP REQUIRES RESCHEDULING CHAIN (2)     00390000
                                  4298 *   NOTES:                                                           00400000
                                  4299 *        (1)  DISCARD ANY I/P CHAIN; RESCHEDULE ANY O/P CHAIN        00410000
                                  4300 *        (2)  IF CHAIN STILL BEING SCHEDULED, THEN SEND CANCEL       00420000
                                  4301 *                                                                      00430000
000005                            4302          DS    XL2          RESERVED                                 00440000
000007                            4303 VREALLOC DS    B             O IF VRE FROM POOL,X'FF' IF ALLOC W/STORAGE 00450000
                            00FF  4304 VRENPOOL EQU   X'FF'                SET BY GETVRE IF VRE NOT IN POOL     00460000

000008                            4306 VRERPL   DS    OF                 BEGINNING OF VTAM RPL                00480000
                                  4307          IFGRPL  AM=VTAM          MACRO TO CREATE DSECT FOR RPL        00490000
                                  4308+*/*****************************************************************/
                                  4309+*/*                                                               */
                                  4310+*/*      $MAC(IFGRPL):                                            */
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98
                                 4311+**/*                                                                      */
                                 4312+**/*  PROPRIETARY STATEMENT=                                               */
                                 4313+**/*   LICENSED MATERIALS - PROPERTY OF IBM                               */
                                 4314+**/*   THIS MODULE IS "RESTRICTED MATERIALS OF IBM"                       */
                                 4315+**/*   5695-008                                                          */
                                 4316+**/*   (C) COPYRIGHT IBM CORPORATION 1980, 1985                          */
                                 4317+**/*   SEE IBM COPYRIGHT INSTRUCTIONS                                    */
                                 4318+**/*  END PROPRIETARY STATEMENT                                           */
                                 4319+**/*                                                                      */
                                 4320+**/*      STATUS = MVS/XA DFP RELEASE 2.1.0                               */
                                 4321+** /*                                                                     */
                                 4322+** /*     DESCRIPTIVE NAME = REQUEST PARAMETER LIST (RPL)                 */
                                 4323+** /*                                                                     */
                                 4324+** /*     FUNCTION =                                                      */
                                 4325+** /*                                                                     */
                                 4326+** /*     THE RPL CONTAINS USER REQUEST AND ERROR PASSBACK                */
                                 4327+** /*     INFORMATION.  IT IS USED BY VSAM AND VTAM, OR WHEN THE          */
                                 4328+** /*     JOB ENTRY SUBSYSTEM(JES) IS BEING USED IN VS1, TO               */
                                 4329+** /*     MAINTAIN INFORMATION REQUIRED BY THE GET AND PUT MACROS.        */
                                 4330+** /*                                                                     */
                                 4331+** /*     THE RPL IS CREATED WITH INFORMATION SUPPLIED BY THE             */
                                 4332+** /*     USER IN THE RPL MACRO AND IS ACCESSED BY THE REQUEST            */
                                 4333+** /*     PROCESSING ROUTINES THROUGH REGISTER 1.                         */
                                 4334+** /*                                                                     */
                                 4335+** /*     THE CONTROL BLOCK CONSISTS OF AN AREA COMMON TO ALL USERS       */
                                 4336+** /*     AND AN APPENDED VSAM EXTENSION. THE VSAM EXTENSION              */
                                 4337+** /*     MACRO INVOKES THE VTAM RPL EXTENSION, ISTRPLEX, IF              */
                                 4338+** /*     'AM=VTAM' IS CODED IN THE RPL MACRO.                            */
                                 4339+** /*                                                                     */
                                 4340+** /*                                                                     */
                                 4341+** /*     DATE OF LAST CHANGE = 13  AUG  83  ( 83*XXX )                   */
                                 4342+** /*                                                                     */
                                 4343+** /*     CHANGE ACTIVITY                                                 */
                                 4344+** /*   C41509-41513,80331-80373,97681-97685,129426-129427   @XM08790*/
                                 4345+** /*   C83580,D83560,83564,83584,131064,131065              @XM07756*/
                                 4346+** /*   C83580,A83584,131065                                 @XM01127*/
                                 4347+** /*   C83580,A83584,131065                                 @ZM30034*/
                                 4348+** /*   C619200,A619210,1157610                              @ZA07549*/
                                 4349+** /*   A87671,93608                                         @ZA32757*/
                                 4350+** /*   CBMM SPLIT SUPPORT                                   @ZA34940*/
                                 4351+** /*   VSAM SUPPORT FOR MSS ENHANCEMENT PROGRAM PRODUCT     @ZA37315*/
                                 4352+** /*   C05900                                               @ZA42006*/
                                 4353+** /* $L1=DF/EF,JDM1113,4/1/80,STLASN: DF/EF SUPPORT RELEASE 1.0 @L1A*/
                                 4354+** /*                                                         @ZA69569*/
                                 4355+** /* $L2=DFP,HDP2210,,STLAYS: MVS/XA DFP RELEASE 2.1.0              */
                                 4356+** /* ADD CODE FOR BDT                                     @ZA92383*/
                                 4357+** /* REC MGMT ENTERED FROM CLOSE ISSUED BY TASK TERMINATION @YA43869*/
                                 4358+** /* $ZZ=SMS1.2,HDZ1120,,SJFEDKT: DFSMS RELEASE 1.2             @ZZA*/
                                 4359+** /*                                                                     */
                                 4360+** /*********************************************************************/
                                 4361+** /*                                                                     */
                                 4362+** /*                                                                     */
                                 4363+** /*                  ASSEMBLER DSECT FOR RPL
                                 4364+**
000008                           4365+IFGRPL   DSECT                          REQUEST PARAMETER LIST   01-IFGRP
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                            00008  4366+RPLIDWD  EQU   *                                RPL IDENTIFICATION WORD  01-IFGRP
000008                             4367+RPLID    DS    XL1                              RPL IDENTIFIER           01-IFGRP
                            00000  4368+RPLIDD   EQU   X'00'                            IDENTIFIER VALUE - X'00' 01-IFGRP
000009                             4369+RPLSTYP  DS    XL1                              RPL SUBTYPE - SET TO     01-IFGRP
                                   4370+*                                               X'00' FOR DATA
                                   4371+*                                               MANAGEMENT AND X'0D'
                                   4372+*                                               FOR JECS
                            00010  4373+RPLSVSAM EQU   X'10'                            VSAM SUBTYPE      X04SVHS 01-IFGRP
                            00012  4374+RPLSTERM EQU   X'12'                            SUBTYPE FOR RECORD MGMT  01-IFGRP
                                   4375+*                                               ENTERED FROM CLOSE
                                   4376+*                                               ISSUED BY TASK
                                   4377+*                                               TERMINATION     @YA43869
                            00020  4378+RPLSVTAM EQU   X'20'                            VTAM SUBTYPE      X04SVHS 01-IFGRP
                            00040  4379+RPLS3540 EQU   X'40'                            3540 SUBTYPE      X04SVHS 01-IFGRP
                            000FF  4380+RPLCRID  EQU   X'FF'                            CRPL ID (VTAM)    X03004 01-IFGRP
00000A                             4381+RPLREQ   DS    XL1                              RPL REQUEST TYPE         01-IFGRP
                            00000  4382+RPLGET   EQU   X'00'                            GET                      01-IFGRP
                            00001  4383+RPLPUT   EQU   X'01'                            PUT                      01-IFGRP
                            00003  4384+RPLPOINT EQU   X'03'                            POINT                    01-IFGRP
                            00005  4385+RPLERASE EQU   X'05'                            ERASE                    01-IFGRP
                            00007  4386+RPLJSFMT EQU   X'07'                            JES FORMAT REQUEST       01-IFGRP
                                   4387+*         THE FOLLOWING CODES ARE NOT STORED IN RPLREQ, BUT ARE
                                   4388+*         AVAILABLE IN REGISTER 0 WHEN THE FUNCTION IS ENTERED
                                   4389+*         AND STORED IN RPLREQ DURING PROCESSING OF THE FUNCTION.
                            00002  4390+RPLCHECK EQU   X'02'                            CHECK                    01-IFGRP
                            00004  4391+RPLENDRE EQU   X'04'                            ENDREQ                   01-IFGRP
                            00006  4392+RPLVERIF EQU   X'06'                            VERIFY                   01-IFGRP
                            00007  4393+RPLIMPRT EQU   X'07'                            IMPORT                   01-IFGRP
                            00008  4394+RPLPFMTD EQU   X'08'                            DATA PREFORMAT           01-IFGRP
                            00009  4395+RPLPFMTI EQU   X'09'                            INDEX PREFORMAT          01-IFGRP
                            0000A  4396+RPLFRCIO EQU   X'0A'                            FORCE I/O                01-IFGRP
                            00010  4397+RPLCNVTA EQU   X'10'                            CNVTAD          @ZA37315 01-IFGRP
                            00011  4398+RPLMNTAC EQU   X'11'                            MNTACQ(VSAM)    @ZA37315 01-IFGRP
                            00011  4399+RPLWRITE EQU   X'11'                            WRITE(VTAM)       X03004 01-IFGRP
                            00012  4400+RPLACQRA EQU   X'12'                            ACQRANGE(VSAM)  @ZA37315 01-IFGRP
                            00012  4401+RPLRESET EQU   X'12'                            RESET(VTAM)       X03004 01-IFGRP
                            00013  4402+RPLTERM  EQU   X'13'                            TERMRPL         @ZA32757 01-IFGRP
                            00013  4403+RPLDO    EQU   X'13'                            DO(VTAM)          X03004 01-IFGRP
                            00014  4404+RPLVERRF EQU   X'14'                            VERIFY REFRESH      @L2A 01-IFGRP
                            00015  4405+RPLQUISE EQU   X'15'                            SETLOGON(VTAM)    X03004 01-IFGRP
                            00016  4406+RPLSMLGO EQU   X'16'                            SIMLOGON(VTAM)    X03004 01-IFGRP
                            00017  4407+RPLOPNDS EQU   X'17'                            OPNDST(VTAM)      X03004 01-IFGRP
                            00019  4408+RPLCHNG  EQU   X'19'                            CHANGE(VTAM)      X03004 01-IFGRP
                            0001A  4409+RPLINQIR EQU   X'1A'                            INQUIRE(VTAM)     X03004 01-IFGRP
                            0001B  4410+RPLINTPT EQU   X'1B'                            INTRPRET(VTAM)    X03004 01-IFGRP
                            0001D  4411+RPLREAD  EQU   X'1D'                            READ(VTAM)        X03004 01-IFGRP
                            0001E  4412+RPLSLICT EQU   X'1E'                            SOLICIT(VTAM)     X03004 01-IFGRP
                            0001F  4413+RPLCLOSE EQU   X'1F'                            CLSDST(VTAM)      X03004 01-IFGRP
                            00021  4414+RPLCLACB EQU   X'21'                            CLOSEACB(VTAM)    X03004 01-IFGRP
                            00022  4415+RPLSNDCD EQU   X'22'                            SEND(VTAM)       X3004BS 01-IFGRP
                            00023  4416+RPLRCVCD EQU   X'23'                            RECEIVE(VTAM)    X3004BS 01-IFGRP
                            00024  4417+RPLRSRCD EQU   X'24'                            RESETSR(VTAM)    X3004BS 01-IFGRP
                            00025  4418+RPLSSCCD EQU   X'25'                            SESSIONC(VTAM)   X3004BS 01-IFGRP
                            00027  4419+RPLSDCMD EQU   X'27'                            SENDCMD(VTAM)  @Z40BHUC 01-IFGRP
                            00028  4420+RPLRVCMD EQU   X'28'                            RCVCMD(VTAM)   @Z40BHUC 01-IFGRP
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                            00029  4421+RPLTREQS EQU   X'29'      REQSESS(VTAM)   @G40AKCM 01-IFGRP
                            0002A  4422+RPLTOPNS EQU   X'2A'      OPNSEC(VTAM)    @G40AKCM 01-IFGRP
                            0002B  4423+RPLTCLSS EQU   X'2B'      CLSSEC(VTAM)    @G40AKCM 01-IFGRP
                            0002C  4424+RPLTRMS  EQU   X'2C'      TRMSESS(VTAM)   @G40AKCM 01-IFGRP
00000B                             4425+RPLLEN   DS    OXL1       LENGTH OF THIS RPL       01-IFGRP
00000B                             4426+RPLLEN2  DS    XL1        ALTERNATE NAME FOR       01-IFGRP
                                   4427+*                       RPLLEN            X03004
00000C                             4428+RPLPLHPT DS    A          POINTER TO PLACEHOLDER   01-IFGRP
000010                             4429+RPLECB   DS    A          INTERNAL ECB OR          01-IFGRP
                                   4430+*                       POINTER TO EXTERNAL ECB
                                   4431+*        ECB FLAGS
                            00080  4432+RPLWAIT  EQU   X'80'      A REQUEST HAS BEEN       01-IFGRP
                                   4433+*                       ISSUED
                            00040  4434+RPLPOST  EQU   X'40'      THE REQUEST HAS          01-IFGRP
                                   4435+*                       COMPLETED
000014                             4436+RPLFDBWD DS    OXL4       FEEDBACK WORD    X04SVHS 01-IFGRP
000014                             4437+RPLSTAT  DS    XL1        CURRENT RPL STATUS       01-IFGRP
                            00014  4438+RPLFUNCD EQU   RPLSTAT  PROB DET FUNCT CD @ZA42006 01-IFGRP
000015                             4439+RPLFDBK  DS    OXL3       ERROR FEEDBACK           01-IFGRP
000015                             4440+RPLRTNCD DS    OXL1       RPL RETURN CODE          01-IFGRP
                            00000  4441+RPLNOERR EQU   X'00'      NORMAL RETURN            01-IFGRP
                            00004  4442+RPLBLKER EQU   X'04'      INVALID CONTROL BLOCK    01-IFGRP
                            00004  4443+RPLCBLKE EQU   X'04'      ALTERNATE NAME FOR       01-IFGRP
                                   4444+*                       RPLBLKER          X03004
                            00008  4445+RPLLOGER EQU   X'08'      ILLOGICAL REQUEST        01-IFGRP
                            00008  4446+RPLLOGIC EQU   X'08'      ALTERNATE NAME FOR       01-IFGRP
                                   4447+*                       RPLLOGER          X03004
                            0000C  4448+RPLPHYER EQU   X'0C'      PHYSICAL I/O ERROR       01-IFGRP
                            0000C  4449+RPLPHYSC EQU   X'0C'      ALTERNATE NAME FOR       01-IFGRP
                                   4450+*                       RPLPHYER          X03004
                            00010  4451+RPLNGRCC EQU   X'10'      A CONDITIONAL COMMAND    01-IFGRP
                                   4452+*                       WAS ISSUED BUT THE
                                   4453+*                       CONDITION WAS NOT
                                   4454+*                       MET(VTAM)         X03004
                            00014  4455+RPLSPECC EQU   X'14'      A TEMPORARY OUT-OF-CORE  01-IFGRP
                                   4456+*                       SITUATION EXISTS(VTAM)
                                   4457+*                                         X03004
                            00018  4458+RPLCMDRT EQU   X'18'      THE REQUEST WAS          01-IFGRP
                                   4459+*                       CANCELLED BY THE RESET
                                   4460+*                       COMMAND(VTAM)     X03004
                            0001C  4461+RPLPURGE EQU   X'1C'      THE COMMAND WAS          01-IFGRP
                                   4462+*                       PURGED(VTAM)      X03004
                            00020  4463+RPLVTMNA EQU   X'20'      VTAM IS NOT ACTIVE(VTAM) 01-IFGRP
                                   4464+*                                         X03004
                            00024  4465+RPLSYERR EQU   X'24'      SYSTEM ERROR(VTAM)X03004 01-IFGRP
                            00028  4466+RPLDEVDC EQU   X'28'      DIAL LINE IS             01-IFGRP
                                   4467+*                       DISCONNECTED(VTAM)X03004
                            0002C  4468+RPLLIMEX EQU   X'2C'      RESPONSE LIMIT           01-IFGRP
                                   4469+*                       EXCEEDED(VTAM)   X3004BS
                            00030  4470+RPLEXRQ  EQU   X'30'      EXCEPTION REQUEST        01-IFGRP
                                   4471+*                       RECEIVED(VTAM)   X3004BS
                            00034  4472+RPLEXRS  EQU   X'34'      EXCEPTION RESPONSE       01-IFGRP
                                   4473+*                       RECEIVED(VTAM)   X3004BS
                            00038  4474+RPLNOIN  EQU   X'38'      NO INPUT                 01-IFGRP
                                   4475+*                       AVAILABLE(VTAM)  X3004BS
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                ASM H V 02 15.46 09/01/98
                            0003C  4476+RPLVABND EQU   X'3C'          VTAM ENCOUNTERED ABEND   01-IFGRP
                                   4477+*                            CONDITION       @XM08790
000015                             4478+RPLERREG DS    XL1            ALTERNATE NAME FOR       01-IFGRP
                                   4479+*                            RPLRTNCD
000016                             4480+RPLCNDCD DS    OXL2           RPL CONDITION CODE       01-IFGRP
000016                             4481+RPLCMPON DS    OXL1           COMPONENT ISSUING        01-IFGRP
                                   4482+*                            CODE(VSAM)
000016                             4483+RPLFDB2  DS    XL1            REASON CODE(VTAM) X03004 01-IFGRP
                            00080  4484+RPLERLK  EQU   X'80'          ERROR LOCK SET    X03004 01-IFGRP
                            00040  4485+RPLRVID  EQU   X'40'          RVI RECEIVED      X03004 01-IFGRP
                            00020  4486+RPLATND  EQU   X'20'          ATTN RECEIVED     X03004 01-IFGRP
                            00010  4487+RPLDVUNS EQU   X'10'          DEVICE UNUSABLE   X03004 01-IFGRP
                            00008  4488+RPLIOERR EQU   X'08'          I/O ERROR TYPE- 0=INPUT/ 01-IFGRP
                                   4489+*                            1=OUTPUT          X03004
                            00004  4490+RPLDLGFL EQU   X'04'          DIALOG INIT FAILED       01-IFGRP
                                   4491+*                                              X03004
                            00002  4492+RPLCUERR EQU   X'02'          CONTROL UNIT FAILURE     01-IFGRP
                                   4493+*                                              X03004
                            00001  4494+RPLSTSAV EQU   X'01'          SENSE BYTES PRESENT      01-IFGRP
                                   4495+*                                              X03004
000017                             4496+RPLERRCD DS    OXL1           ERROR CODE(VSAM)         01-IFGRP
000017                             4497+RPLFDB3  DS    XL1            DATA FLAGS(VTAM)  X03004 01-IFGRP
                            00080  4498+RPLUINPT EQU   X'80'          UNSOLICITED INPUT X03004 01-IFGRP
                            00040  4499+RPLSV32  EQU   X'40'          RESERVED          X03004 01-IFGRP
                            00020  4500+RPLREOB  EQU   X'20'          END OF BLOCK      X03004 01-IFGRP
                            00010  4501+RPLREOM  EQU   X'10'          END OF MESSAGE    X03004 01-IFGRP
                            00008  4502+RPLREOT  EQU   X'08'          END OF TRANSMISSION      01-IFGRP
                                   4503+*                                              X03004
                            00004  4504+RPLLGFRC EQU   X'04'          LOGOFF DETECTED   X03004 01-IFGRP
                            00002  4505+RPLRLG   EQU   X'02'          LEADING GRAPHICS         01-IFGRP
                                   4506+*                            RECEIVED          X03004
                            00001  4507+RPLRDSOH EQU   X'01'          START OF HEADER (SOH)    01-IFGRP
                                   4508+*                            RECEIVED          X03004
000018                             4509+RPLKEYLE DS    OH             KEY LENGTH (PROC=GEN)    01-IFGRP
000018                             4510+RPLKEYL  DS    H              ALTERNATE NAME FOR       01-IFGRP
                                   4511+*                            RPLKEYLE
00001A                             4512+RPLSTRID DS    H              CCW STRING IDENTIFIER    01-IFGRP
00001C                             4513+RPLCCHAR DS    A              POINTER TO CONTROL       01-IFGRP
                                   4514+*                            CHARACTER FOR UNIT
                                   4515+*                            RECORD DEVICES
000020                             4516+RPLDACB  DS    A              POINTER TO DATA ACB      01-IFGRP
000024                             4517+RPLTCBPT DS    A              POINTER TO TCB           01-IFGRP
000028                             4518+RPLAREA  DS    A              POINTER TO AREA          01-IFGRP
                                   4519+*                            CONTAINING DATA RECORD
00002C                             4520+RPLARG   DS    OA             POINTER TO SEARCH        01-IFGRP
                                   4521+*                            ARGUMENT; POINTER TO
                                   4522+*                            RELATIVE ADDRESS FOR
                                   4523+*                            POINT OPERATION; POINTER
                                   4524+*                            TO SETPRT PARMLIST
00002C                             4525+RPLSAF   DS    XL2            SOURCE ADDRESS           01-IFGRP
                                   4526+*                            FIELD(VTAM)       X03004
00002E                             4527+RPLDAF   DS    XL2            DESTINATION ADDRESS      01-IFGRP
                                   4528+*                            FIELD(VTAM)       X03004
000030                             4529+RPLOPTCD DS    OBL4           OPTION CODES             01-IFGRP
000030                             4530+RPLOPT1  DS    BL1            OPTION BYTE 1            01-IFGRP
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                           00080  4531+RPLLOC   EQU   X'80'                    LOCATE MODE; MOVE MODE   01-IFGRP
                                  4532+*                                      IF 0
                           00040  4533+RPLDIR   EQU   X'40'                    DIRECT ACCESS            01-IFGRP
                           00020  4534+RPLSEQ   EQU   X'20'                    SEQUENTIAL ACCESS        01-IFGRP
                           00010  4535+RPLSKP   EQU   X'10'                    SKIP SEQUENTIAL ACCESS   01-IFGRP
                           00008  4536+RPLASY   EQU   X'08'                    ASYNCHRONOUS PROCESSING  01-IFGRP
                           00004  4537+RPLKGE   EQU   X'04'                    SEARCH KEY GT/EQ         01-IFGRP
                           00002  4538+RPLGEN   EQU   X'02'                    GENERIC KEY REQUEST      01-IFGRP
                           00001  4539+RPLECBSW EQU   X'01'                    EXTERNAL ECB             01-IFGRP
                           00001  4540+RPLECBIN EQU   X'01'                    ALTERNATE NAME FOR       01-IFGRP
                                  4541+*                                      RPLECBSW          XO3004
000031                            4542+RPLOPT2  DS    BL1                     OPTION BYTE 2            01-IFGRP
                           00080  4543+RPLKEY   EQU   X'80'                    KEYED ACCESS             01-IFGRP
                           00040  4544+RPLADR   EQU   X'40'                    ADDRESSED ACCESS         01-IFGRP
                           00040  4545+RPLADD   EQU   X'40'                    ALTERNATE NAME FOR       01-IFGRP
                                  4546+*                                      RPLADR
                           00020  4547+RPLCNV   EQU   X'20'                    CONTROL INTERVAL ACCESS  01-IFGRP
                           00010  4548+RPLBWD   EQU   X'10'                    FWD=0/BWD=1       XO4SVHS 01-IFGRP
                           00008  4549+RPLLRD   EQU   X'08'                    ARD=0/LRD=1       XO4SVHS 01-IFGRP
                           00004  4550+RPLWAITX EQU   X'04'                    AYNCH PROC WAIT @ZA07549  01-IFGRP
                           00002  4551+RPLUPD   EQU   X'02'                    UPDATE                   01-IFGRP
                           00001  4552+RPLNSP   EQU   X'01'                    NOTE STRING POSITION     01-IFGRP
000032                            4553+RPLOPT3  DS    BL1                     OPTION BYTE 3            01-IFGRP
                           00080  4554+RPLEODS  EQU   X'80'                    END OF USER SYSOUT       01-IFGRP
                           00040  4555+RPLSFORM EQU   X'40'                    SPECIAL FORM ON REMOTE   01-IFGRP
                                  4556+*                                      PRINTER
                           00020  4557+RPLBLK   EQU   X'20'                    BLOCKED UCS DATA CHECKS  01-IFGRP
                                  4558+*                                      FIXED BLOCK PROCESSING
                           00010  4559+RPLVFY   EQU   X'10'                    VERIFY UCS/FCB           01-IFGRP
                                  4560+*                                      INFORMATION
                           00008  4561+RPLFLD   EQU   X'08'                    LOAD UCS BUFFER IN       01-IFGRP
                                  4562+*                                      FOLD MODE
                           00002  4563+RPLFMT   EQU   X'02'                    FCB LOAD                 01-IFGRP
                           00006  4564+RPLFRMT  EQU   X'06'                    UCS LOAD IF 00           01-IFGRP
                           00001  4565+RPLALIGN EQU   X'01'                    ALIGN FCB BUFFER LOADING 01-IFGRP
000033                            4566+RPLOPT4  DS    BL1                     OPTCD BYTE 4             01-IFGRP
                           00080  4567+RPLENDTR EQU   X'80'                    3800 END OF TRANSMISSION 01-IFGRP
                                  4568+*                                      (VS1)          @ZA92383
                           00040  4569+RPLMKFRM EQU   X'40'                    3800 MARK FORM  (VS1)    01-IFGRP
                                  4570+*                                                     @ZA92383
                           00020  4571+RPLNOCIR EQU   X'20'                    NO CI RECLAIM       @L1A 01-IFGRP
                                  4572+*         NO MORE THAN ONE OF THE FOLLOWING THREE BITS CAN BE ON.
                                  4573+*         ONE OF THEM IS SET ONLY WHEN ACBCCANY IS ON AND THE
                                  4574+*         OPERATION IS INPUT.
                           00010  4575+RPLCTA   EQU   X'10'                    RPLCCHAR POINTS TO AN    01-IFGRP
                                  4576+*                                      ANSI CONTROL CHARACTER
                                  4577+*                                                 @ZA92383
                           00008  4578+RPLCTM   EQU   X'08'                    RPLCCHAR POINTS TO A     01-IFGRP
                                  4579+*                                      MACHINE CONTROL
                                  4580+*                                      CHARACTER       @ZA92383
                           00004  4581+RPLCTO   EQU   X'04'                    OTHER FORMAT. RPLCCHAR   01-IFGRP
                                  4582+*                                      POINTS TO A CODE BYTE
                                  4583+*                                      THAT IDENTIFIES THE
                                  4584+*                                      FORMAT. A CODE OF
                                  4585+*                                      X'5A' MEANS CPDS.
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                ASM H V 02 15.46 09/01/98
                                   4586+**                                        @ZA92383
000034                             4587+RPLNXTRP DS    OA          POINTER TO NEXT RPL       01-IFGRP
000034                             4588+RPLCHAIN DS    A           ALTERNATE NAME FOR        01-IFGRP
                                   4589+**                         RPLNXTRP
000038                             4590+RPLRLEN  DS    A           LENGTH OF RECORD          01-IFGRP
00003C                             4591+RPLBUFL  DS    A           USER BUFFER LENGTH        01-IFGRP
000040                             4592+RPLOPTC2 DS    0XL4        VTAM OPTIONS       XO3004 01-IFGRP
000040                             4593+RPLOPT5  DS    XL1         OPTION BYTE 5      XO3004 01-IFGRP
                           00080   4594+RPLDLGIN EQU   X'80'       CONTINUE READING IN       01-IFGRP
                                   4595+**                         SPECIFIC TERMINAL MODE;
                                   4596+**                         IF 0, CONTINUE READING
                                   4597+**                         IN ANY TERMINAL MODE
                                   4598+**                                    XO3004
                           00040   4599+RPLSSNIN EQU   X'40'       CONTINUE DIALOG WITH THE  01-IFGRP
                                   4600+**                         SAME TERMINAL; IF 0, END
                                   4601+**                         DIALOG WITH THAT
                                   4602+**                         TERMINAL           XO3004
                           00020   4603+RPLPSOPT EQU   X'20'       PASS TERMINAL TO          01-IFGRP
                                   4604+**                         REQUESTING APPLICATION;
                                   4605+**                         IF 0, MAKE TERMINAL
                                   4606+**                         AVAILABLE TO ANY
                                   4607+**                         APPLICATION        XO3004
                           00010   4608+RPLNERAS EQU   X'10'       WRITE TO 3270 BUT DO NOT  01-IFGRP
                                   4609+**                         ERASE WHAT IS CURRENTLY
                                   4610+**                         DISPLAYED          XO3004
                           00008   4611+RPLEAU   EQU   X'08'       WRITE TO 3270 AND ERASE   01-IFGRP
                                   4612+**                         UNPROTECTED FIELDSXO3004
                           00004   4613+RPLERACE EQU   X'04'       WRITE TO 3270 AND ERASE   01-IFGRP
                                   4614+**                         CURRENT DISPLAY    XO3004
                           00002   4615+RPLNODE  EQU   X'02'       READ FROM ANY TERMINAL;   01-IFGRP
                                   4616+**                         IF 0, READ FROM A
                                   4617+**                         SPECIFIC TERMINAL XO3004
                           00001   4618+RPLWROPT EQU   X'01'       CONVERSATIONAL MODE;      01-IFGRP
                                   4619+**                         IF 0, NON-CONVERSATIONAL
                                   4620+**                         MODE               XO3004
000041                             4621+RPLOPT6  DS    XL1         OPTION BYTE 6      XO3004 01-IFGRP
                           00080   4622+RPLEOB   EQU   X'80'       WRITE A BLOCK OF DATA     01-IFGRP
                                   4623+**                                    XO3004
                           00040   4624+RPLEOM   EQU   X'40'       WRITE THE LAST BLOCK      01-IFGRP
                                   4625+**                         OF A MESSAGE       XO3004
                           00020   4626+RPLEOT   EQU   X'20'       WRITE THE LAST BLOCK      01-IFGRP
                                   4627+**                         OF THE TRANSMISSION
                                   4628+**                                    XO3004
                           00010   4629+RPLCOND  EQU   X'10'       DO NOT STOP OPERATION     01-IFGRP
                                   4630+**                         IF STARTED (USED WITH
                                   4631+**                         RESET REQUEST)     XO3004
                           00008   4632+RPLNCOND EQU   X'08'       STOP OPERATION            01-IFGRP
                                   4633+**                         IMMEDIATELY (USED WITH
                                   4634+**                         RESET REQUEST)     XO3004
                           00004   4635+RPLLOCK  EQU   X'04'       RESET ERROR LOCK TO       01-IFGRP
                                   4636+**                         UNLOCKED STATUS    XO3004
                           00002   4637+RPLRSV67 EQU   X'02'       RESERVED           XO3004 01-IFGRP
                           00001   4638+RPLRSV68 EQU   X'01'       RESERVED           XO3004 01-IFGRP
000042                             4639+RPLOPT7  DS    XL1         OPTION BYTE 7      XO3004 01-IFGRP
                           00080   4640+RPLCNALL EQU   X'80'       ALL TERMINALS IN OPNDST   01-IFGRP
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                ASM H V 02 15.46 09/01/98
                                  4641+*                                LIST MUST BE AVAILABLE
                                  4642+*                                BEFORE ANY ARE CONNECTED
                                  4643+*                                                  XO3004
                          00040   4644+RPLCNANY EQU   X'40'              CONNECT ANY ONE TERMINAL O1-IFGRP
                                  4645+*                                IN OPNDST LIST    XO3004
                          00020   4646+RPLCNIMM EQU   X'20'              RESERVED          XO3004 O1-IFGRP
                          00010   4647+RPLQOPT  EQU   X'10'              QUEUE THE OPNDST REQUEST O1-IFGRP
                                  4648+*                                IF IT CANNOT BE
                                  4649+*                                SATISFIED IMMEDIATELY;
                                  4650+*                                IF 0, REJECT THE OPNDST
                                  4651+*                                REQUEST IF IT CANNOT BE
                                  4652+*                                SATISFIED IMMEDIATELY
                                  4653+*                                                  XO3004
                          00008   4654+RPLTPOST EQU   X'08'              RPL ALREADY UNDER PSS    O1-IFGRP
                                  4655+*                                                 @XM08790
                          00004   4656+RPLRLSOP EQU   X'04'              SCHEDULE THE RELREQ EXIT O1-IFGRP
                                  4657+*                                OF THE REQUIRED TERMINAL
                                  4658+*                                IMMEDIATELY; IF 0,
                                  4659+*                                EITHER WAIT FOR THE
                                  4660+*                                TERMINAL TO BECOME
                                  4661+*                                AVAILABLE OR REJECT THE
                                  4662+*                                REQUEST IF THE TERMINAL
                                  4663+*                                IS BUSY(DEPENDS ON THE
                                  4664+*                                SETTING OF RPLQOPT)
                                  4665+*                                                  XO3004
                          00002   4666+RPLTCRNO EQU   X'02'              CLOSE IN PROCESS FOR PO  O1-IFGRP
                                  4667+*                                INTERFACE       @Z40BHUC
                          00001   4668+RPLRSV78 EQU   X'01'              RESERVED          XO3004 O1-IFGRP
000043                            4669+RPLOPT8  DS    XL1               OPTION BYTE 8     XO3004 O1-IFGRP
                          00080   4670+RPLODACQ EQU   X'80'              THE APPLICATION REQUIRES O1-IFGRP
                                  4671+*                                A SPECIFIC TERMINAL
                                  4672+*                                                  XO3004
                          00040   4673+RPLODACP EQU   X'40'              THE APPLICATION WILL     O1-IFGRP
                                  4674+*                                ACCEPT ANY TERMINAL
                                  4675+*                                DESIRING LOGON    XO3004
                          00020   4676+RPLODPRM EQU   X'20'              A SPECIFIC TERMINAL IS   O1-IFGRP
                                  4677+*                                TO BE PREEMPTED EVEN
                                  4678+*                                THOUGH ANOTHER
                                  4679+*                                APPLICATION IS HOLDING
                                  4680+*                                IT (TOLTEP ONLY)  XO3004
                          00010   4681+RPLPEND  EQU   X'10'              PREEMPT THE TERMINAL     O1-IFGRP
                                  4682+*                                AFTER ALL PENDING
                                  4683+*                                OPERATIONS ARE COMPLETED
                                  4684+*                                (TOLTEP ONLY)     XO3004
                          00008   4685+RPLSESS  EQU   X'08'              PREEMPT THE TERMINAL     O1-IFGRP
                                  4686+*                                AFTER COMPLETION OF THE
                                  4687+*                                CURRENT DIALOG SESSION
                                  4688+*                                (TOLTEP ONLY)     XO3004
                          00004   4689+RPLACTV  EQU   X'04'              PREEMPT THE TERMINAL IF  O1-IFGRP
                                  4690+*                                CONNECTED BUT NOT BUSY
                                  4691+*                                (TOLTEP ONLY)     XO3004
                          00002   4692+RPLUNCON EQU   X'02'              PREEMPT THE TERMINAL     O1-IFGRP
                                  4693+*                                IMMEDIATELY
                                  4694+*                                (TOLTEP ONLY)     XO3004
                          00001   4695+RPLRSV88 EQU   X'01'              RESERVED          XO3004 O1-IFGRP
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

000044                     00040  4696+          ORG   RPLOPTC2                  VSAM RPL DEFINITION @ZZA 01-IFGRP
000040                            4697+          DS    XL1                       VSAM RPL - RESERVED @ZZA 01-IFGRP
000041                            4698+RPLAIXID  DS    XL1                       AIX POINTER TYPE    @ZZM 01-IFGRP
                           00080  4699+RPLAXPKP  EQU   X'80'                     RBA=1/PRIME=0       @ZZM 01-IFGRP
000042                            4700+          DS    XL2                       VSAM RPL - RESERVED @ZZA 01-IFGRP
000044                            4701+RPLRBAR   DS    OCL8                      RBA RETURN LOCATION      01-IFGRP
000044                            4702+RPLAIXPC  DS    XL2                       AIX POINTER COUNT   @ZZC 01-IFGRP
000046                            4703+          DS    XL2                       RESERVED            @ZZC 01-IFGRP
000048                            4704+RPLDDDD   DS    CL4                       RETURN AREA FOR          01-IFGRP
                                  4705+*                                         RELATIVE BYTE ADDRESS
00004C                            4706+RPLEXTDS  DS    OXL1                      EXIT DEFINITIONS@Z9999DT 01-IFGRP
00004C                            4707+RPLEXTD1  DS    XL1                       ALTERNATE NAME FOR       01-IFGRP
                                  4708+*                                         RPLEXTDS          X03004
                           00080  4709+RPLEXSCH  EQU   X'80'                     AN EXIT HAS BEEN         01-IFGRP
                                  4710+*                                         SCHEDULED         X03004
                           00040  4711+RPLNEXIT  EQU   X'40'                     NO EXIT WAS SPECIFIED    01-IFGRP
                                  4712+*                                                           X03004
                           00020  4713+RPLEXIT   EQU   X'20'                     ASYNCH EXIT     @XM01127 01-IFGRP
                           00008  4714+RPLTCRYP  EQU   X'08'                     IF ON, ENCRYPTION        01-IFGRP
                                  4715+*                                         FEATURE REQ     @G40AKSL
                           00004  4716+RPLNIB    EQU   X'04'                     THE RPLARG FIELD         01-IFGRP
                                  4717+*                                         CONTAINS A POINTER
                                  4718+*                                         TO THE NIB        X03004
                           00002  4719+RPLBRANC  EQU   X'02'                     USE A BRANCH ENTRY       01-IFGRP
                                  4720+*                                         TO THE MACRO      X03004
00004D                            4721+RPLACTIV  DS    XL1                       ACTIVE INDICATOR -       01-IFGRP
                                  4722+*                                         X'FF' INDICATES ACTIVE;
                                  4723+*                                         X'00' INDICATES INACTIVE
                                  4724+*                                                           X03004
00004E                            4725+RPLEMLEN  DS    H                         LENGTH OF THE ERROR      01-IFGRP
                                  4726+*                                         MESSAGE AREA
000050                            4727+RPLERMSA  DS    A                         POINTER TO THE ERROR     01-IFGRP
                                  4728+*                                         MESSAGE AREA
000054                            4729+RPLAAREA  DS    A                         POINTER TO THE ALTERNATE 03-ISTRP
                                  4730+*                                         DATA AREA(VTAM) - INPUT
                                  4731+*                                         AREA FOR DATA RECEIVED
                                  4732+*                                         IN CONVERSATIONAL
                                  4733+*                                         MODE
000058                            4734+RPLAARLN  DS    F                         ALTERNATE AREA           03-ISTRP
                                  4735+*                                         LENGTH(VTAM)
00005C                            4736+RPLARCLN  DS    F                         ALTERNATE RECORD         03-ISTRP
                                  4737+*                                         LENGTH(VTAM)
000060                            4738+RPLFDBK2  DS    OXL4                      FEEDBACK WORD TWO(VTAM)  03-ISTRP
                                  4739+*
000060                            4740+RPLSSNSI  DS    OXL2                      SYSTEM SENSE INPUT       03-ISTRP
                                  4741+*
000060                            4742+RPLDSB    DS    OXL2                      DEVICE STATUS BYTE(VTAM) 03-ISTRP
                                  4743+*
000060                            4744+RPLDSB1   DS    OXL1                      DEVICE STATUS BYTE 1     03-ISTRP
                                  4745+*
000060                            4746+RPLSSEI   DS    XL1                       SYSTEM SENSE ERROR CODES 03-ISTRP
                                  4747+*
                           00080  4748+RPLPATHI  EQU   X'80'                     PATH ERROR               03-ISTRP
                           00040  4749+RPLCPMI   EQU   X'40'                     CONNECTION POINT         03-ISTRP
                                  4750+*                                         MANAGER ERROR
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                ASM H V 02 15.46 09/01/98
                           00020  4751+RPLSTATI EQU   X'20'      STATE ERROR                 03-ISTRP
                           00010  4752+RPLFII   EQU   X'10'      FUNCTION INTERPRETER        03-ISTRP
                                  4753+*                         ERROR
                           00008  4754+RPLRRI   EQU   X'08'      REQUEST REJECT              03-ISTRP
000061                            4755+RPLDSB2  DS    0XL1       DEVICE STATUS BYTE 2        03-ISTRP
                                  4756+*
000061                            4757+RPLSSMI  DS    XL1        SYSTEM SENSE MODIFIER       03-ISTRP
                                  4758+*                         INPUT
000062                            4759+RPLUSNSI DS    0XL2       USER SENSE INPUT            03-ISTRP
000062                            4760+RPLESR1  DS    XL1        RESPONSE 1 FROM 3270        03-ISTRP
                                  4761+*                         CONTROL UNIT
000063                            4762+RPLESR2  DS    XL1        RESPONSE 2 FROM 3270        03-ISTRP
                                  4763+*                         CONTROL UNIT
000064                            4764+RPLUSFLD DS    XL4        USER FIELD(VTAM) - AT       03-ISTRP
                                  4765+*                         OPNDST TIME THE CONTENTS
                                  4766+*                         ARE SAVED FOR EACH
                                  4767+*                         TERMINAL AND RETURNED
                                  4768+*                         TO THE RPL ON COMPLETION
                                  4769+*                         OF ANY REQUEST FOR OR BY
                                  4770+*                         THAT TERMINAL
000068                            4771+RPLOPTC3 DS    0XL4       VTAM OPTIONS                03-ISTRP
000068                            4772+RPLOPT9  DS    XL1        OPTION BYTE 9               03-ISTRP
                           00080  4773+RPLLOGON EQU   X'80'      PASS THE LOGON MESSAGE      03-ISTRP
                                  4774+*                         TO THE APPLICATION
                           00040  4775+RPLDEVCH EQU   X'40'      PASS THE DEVICE             03-ISTRP
                                  4776+*                         CHARACTERISTICS TO THE
                                  4777+*                         APPLICATION
                           00020  4778+RPLTERMS EQU   X'20'      PASS THE SYMBOLIC NAME      03-ISTRP
                                  4779+*                         OF THE TERMINAL AND ITS
                                  4780+*                         CHARACTERISTICS TO
                                  4781+*                         THE APPLICATION
                           00010  4782+RPLCOUNT EQU   X'10'      PASS THE NUMBER OF          03-ISTRP
                                  4783+*                         ACTIVE CONNECTIONS AND
                                  4784+*                         QUEUED LOGON REQUESTS
                                  4785+*                         TO THE APPLICATION
                           00008  4786+RPLAPPST EQU   X'08'      INDICATE THE APPLICATION 03-ISTRP
                                  4787+*                         STATUS
                           00000  4788+RPLRNNM  EQU   X'00'      RETIRED SYMBOL-FUNCTION  03-ISTRP
                                  4789+*                         NO LONGER SUPPORTED
                                  4790+*                                    @0Y67066
                           00004  4791+RPLINQST EQU   X'04'      INQUIRE OPTCD=STATUS     03-ISTRP
                                  4792+*                                    @0Y67066
                           00002  4793+RPLCIDE  EQU   X'02'      INDICATE THE SYMBOLIC    03-ISTRP
                                  4794+*                         NAME CORRESPONDING TO
                                  4795+*                         THE COMMUNICATION
                                  4796+*                         IDENTIFIER
                           00001  4797+RPLTOPL  EQU   X'01'      PASS THE SYMBOLIC NAME   03-ISTRP
                                  4798+*                         OF THE FIRST TERMINAL
                                  4799+*                         ON THE LOGON QUEUE
000069                            4800+RPLOPT10 DS    XL1        OPTION BYTE 10           03-ISTRP
                           00080  4801+RPLBSCID EQU   X'80'      PASS THE HARDWARE        03-ISTRP
                                  4802+*                         IDENTIFIER OF A BINARY
                                  4803+*                         SYNCHRONOUS TERMINAL
                                  4804+*
                           00040  4805+RPLDSPLY EQU   X'40'      DISPLAY INFORMATION FROM 03-ISTRP
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                ASM H V 02 15.46 09/01/98
                                   4806+*                                THE NETWORK OPERATOR
                                   4807+*                                CONTROL
                            00020  4808+RPLSPARM EQU   X'20'             SESSPARM        @Z40BHUC 03-ISTRP
                            00010  4809+RPLTSKY  EQU   X'10'             SESSKEY         @G40AKSL 03-ISTRP
                            00008  4810+RPLUSVAR EQU   X'08'             OPTCD = USERVAR @R489306 03-ISTRP
                            00004  4811+RPLUNBND EQU   X'04'             OPTCD = UNBIND  @R491100 03-ISTRP
                            00002  4812+RPLSONOP EQU   X'02'             OPTCD = SONCODE @R491100 03-ISTRP
                            00001  4813+RPLSENOP EQU   X'01'             OPTCD = SENSE   @R491100 03-ISTRP
00006A                             4814+RPLOPT11 DS    XL1               OPTION BYTE 11           03-ISTRP
                            00080  4815+RPLQUIES EQU   X'80'             STOP ACCEPTING LOGONS    03-ISTRP
                                   4816+*                                AS THE APPLICATION IS
                                   4817+*                                PREPARING TO SHUTDOWN
                                   4818+*                                (USED WITH SETLOGON)
                                   4819+*
                            00040  4820+RPLSTART EQU   X'40'             START ACCEPTING LOGONS   03-ISTRP
                                   4821+*                                WHICH WERE TEMPORARILY
                                   4822+*                                STOPPED
                            00020  4823+RPLSTOP  EQU   X'20'             STOP ACCEPTING LOGONS    03-ISTRP
                                   4824+*                                TEMPORARILY (USED WITH
                                   4825+*                                SETLOGON)
                            00010  4826+RPLHOLD  EQU   X'10'             HOLD LOGONS (USED WITH   03-ISTRP
                                   4827+*                                SETLOGON)       @R491100
                            00008  4828+RPLCNTRU EQU   X'08'             INQUIRE - CURRENT RU     03-ISTRP
                                   4829+*                                                @P041786
                            00004  4830+RPLMTS   EQU   X'04'             OPTCD = MTS          @F1A 03-ISTRP
                            00002  4831+RPLTERMQ EQU   X'02'             OPTCD = TERMQ        @02A 03-ISTRP
                            00001  4832+RPLFORCE EQU   X'01'             OPTCD=FORCED    @R489301 03-ISTRP
00006B                             4833+RPLOPT12 DS    XL1               OPTION BYTE 12           03-ISTRP
                            00080  4834+RPLRSPQD EQU   X'80'             OPTCD=RSPQUED|NRSPQUED   03-ISTRP
                                   4835+*                                0=NRSPQUED/1=RSPQUED
                                   4836+*                                          @R491101
                            00040  4837+RPLKEEP  EQU   X'40'             KEEP OVERLENGTH DATA ON  03-ISTRP
                                   4838+*                                INPUT QUEUE
                            00020  4839+RPLTRUNC EQU   X'20'             TRUNCATE OVERLENGTH      03-ISTRP
                                   4840+*                                DATA
                            00010  4841+RPLNIBTK EQU   X'10'             USE KEEP OR TRUNCATE     03-ISTRP
                                   4842+*                                OPTION SET IN NIB AT
                                   4843+*                                OPENDST
                            00008  4844+RPLQSESS EQU   X'08'             QUEUE SIMLOGONS FOR      03-ISTRP
                                   4845+*                                LU AT SESSION LIMIT
                                   4846+*                                          @R504800
                            00004  4847+RPLQNOTE EQU   X'04'             QUEUE SIMLOGONS FOR      03-ISTRP
                                   4848+*                                LU NOT ENABLED
                                   4849+*                                          @R504800
                            00002  4850+RPLQALL  EQU   X'02'             QUEUE SIMLOGONS FOR      03-ISTRP
                                   4851+*                                ALL CASES
                                   4852+*                                          @R504800
                            00001  4853+RPLFMHDR EQU   X'01'             1=FUNCTION MANAGEMENT    03-ISTRP
                                   4854+*                                HEADER INCLUDED IN DATA
                                   4855+*                                STREAM
00006C                             4856+RPLOSENS DS    OXL4              SENSE OUTPUT DATA        03-ISTRP
00006C                             4857+RPLSSNSO DS    OXL2              SYSTEM SENSE OUTPUT      03-ISTRP
                                   4858+*
00006C                             4859+RPLSSEO  DS    XL1               SYSTEM SENSE ERROR       03-ISTRP
                                   4860+*                                CODES
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                            00040  4861+RPLCPMO  EQU   X'40'                      CONNECTION POINT MANAGER O3-ISTRP
                                   4862+*                                        ERROR
                            00020  4863+RPLSTATO EQU   X'20'                      STATE ERROR              O3-ISTRP
                            00010  4864+RPLFIO   EQU   X'10'                      FUNCTION INTERPRETER     O3-ISTRP
                                   4865+*                                        ERROR
                            00008  4866+RPLRRO   EQU   X'08'                      REQUEST REJECT           O3-ISTRP
00006D                             4867+RPLSSMO  DS    XL1                        SYSTEM SENSE MODIFIER    O3-ISTRP
                                   4868+*                                        CODES
00006E                             4869+RPLUSNSO DS    XL2                        USER SENSE OUTPUT        O3-ISTRP
000070                             4870+RPLSAV13 DS    XL4                        SAVE AREA FOR VTAM       O3-ISTRP
                                   4871+*                                        FAST PATH       @ZM31226
000074                             4872+RPLSIGDA DS    XL4                        SIGNAL DATA FLD @Z40BHUC O3-ISTRP
                                   4873+*                                        END OF VTAM EXTENSION    @Z40BHUC
000078                      00010  4874+         ORG   RPLECB                                           @R487913 O3-ISTRP
                            00080  4875+RPLAMOD2 EQU   X'80'                    SET BY VTAM--WHEN RPLECB IS A    O3-ISTRP
                                   4876+*                                        ROUTINE POINTER, COPY OF
                                   4877+*                                        RPLAMODE                 @P01408O
000010                      00078  4878+         ORG   .                        RESTORE LOCATION CTR.    @R487913 O3-ISTRP
000078                      00018  4879+         ORG   RPLKEYLE                                                   O3-ISTRP
000018                             4880+RPLRH3   DS    XL1                      THIRD REQUEST HEADER BYTE        O3-ISTRP
                            00080  4881+RPLBB    EQU   X'80'                    BEGIN BRACKET                    O3-ISTRP
                            00040  4882+RPLEB    EQU   X'40'                    END BRACKET                      O3-ISTRP
                            00020  4883+RPLCMD   EQU   X'20'                    CHANGE DIRECTION FROM SEND       O3-ISTRP
                                   4884+*                                        TO RECEIVE IMMEDIATELY
                            00010  4885+RPLCHREQ EQU   X'10'                    CHANGE DIRECTION FROM SEND       O3-ISTRP
                                   4886+*                                        TO RECEIVE IS REQUESTED
                            00008  4887+RPLCSI   EQU   X'08'                    0=STANDARD - CODESEL     @Z40BHUC O3-ISTRP
                                   4888+*                                        1=ALTERNATE              @Z40BHUC
                            00001  4889+RPLCEB   EQU   X'01'                    BRACKET - CONDITIONAL END        O3-ISTRP
                                   4890+*                                        0 = NCEB/1 = CEB         @D5P4790
000019                             4891+RPLSRTYP DS    XL1                      SEND OR RECEIVE TYPE             O3-ISTRP
                            00080  4892+RPLSRESP EQU   X'80'                    A RESPONSE IS BEING SENT; IF 0,  O3-ISTRP
                                   4893+*                                        A NEW REQUEST IS BEING SENT
                                   4894+*
                            00008  4895+RPLRRESP EQU   X'08'                    RECEIVE THE FIRST RESPONSE FROM  O3-ISTRP
                                   4896+*                                        THE RESPONSE QUEUE
                            00004  4897+RPLNFSYN EQU   X'04'                    IF 0, RECEIVE THE FIRST UNIT     O3-ISTRP
                                   4898+*                                        FROM THE DATA FLOW SYNCHRONOUS
                                   4899+*                                        QUEUE
                            00002  4900+RPLDFASY EQU   X'02'                    RECEIVE THE FIRST UNIT FROM THE  O3-ISTRP
                                   4901+*                                        DATA FLOW ASYNCHRONOUS QUEUE
                                   4902+*
00001A                             4903+RPLCHN   DS    XL1                      POSITION IN REQUEST UNIT CHAIN   O3-ISTRP
                                   4904+*                                        AND APPC FLAGS
                            00080  4905+RPLFIRST EQU   X'80'                    FIRST IN RU CHAIN                O3-ISTRP
                            00040  4906+RPLMIDLE EQU   X'40'                    AN INTERMEDIATE RU               O3-ISTRP
                            00020  4907+RPLLAST  EQU   X'20'                    LAST IN RU CHAIN                 O3-ISTRP
                            00010  4908+RPLONLY  EQU   X'10'                    ONLY ONE RU IN CHAIN             O3-ISTRP
                            00008  4909+RPLVACS  EQU   X'08'                    APPC/NON-APPC LOGON OR SCIP EXIT O3-ISTRP
                                   4910+*                                        0=NON-APPC, 1=APPC       @R495808
                            00004  4911+RPLAPPC  EQU   X'04'                    APPC FLAG                        O3-ISTRP
                                   4912+*                                        0=APPLICATION IS THE REQUEST
                                   4913+*                                        ORIGINATOR, 1=APPC/VTAM IS THE
                                   4914+*                                        REQUEST ORIGINATOR       @R495808
00001B                             4915+RPLVTFL1 DS    XL1                      VTAM FLAGS                       O3-ISTRP
```

```
 LOC  OBJECT CODE     ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98
                            00080 4916+RPLXMEM  EQU   X'80'      CROSS-MEMORY API MODE INDICATOR  03-ISTRP
                                  4917+*                       1=CROSS-MEMORY MODE RPL, 0=NOT A
                                  4918+*                       CROSS-MEMORY MODE RPL       @B2C
                            00040 4919+RPLVTUSE EQU   X'40'    THIS IS A VTAM SYSTEM RPL; IF 0, 03-ISTRP
                                  4920+*                       THIS IS A USER RPL
                            00020 4921+RPLAUTUS EQU   X'20'    VTAM FAST PATH          @ZM31226 03-ISTRP
                            00010 4922+RPLTNDSP EQU   X'10'    1=DOMAIN REQUEST        @G40AKCM 03-ISTRP
                            00008 4923+RPLTLGAC EQU   X'08'    1=LOGON ACCOMPLISHED    @G40AKCM 03-ISTRP
                            00004 4924+RPLAMODE EQU   X'04'    SET BY VTAM--ADDRESSING MODE     03-ISTRP
                                  4925+*                       IN WHICH RPL EXIT WILL BE
                                  4926+*                       INVOKED. 1 MEANS 31-BIT MODE
                                  4927+*                                  @P014080
                            00002 4928+RPLRSPNM EQU   X'02'    AT LEAST ONE RESPONSE ON NORMAL  03-ISTRP
                                  4929+*                       FLOW INBOUND RESPONSE QUEUE
                                  4930+*                                  @R491101
                            00001 4931+RPLRSPQR EQU   X'01'    AT LEAST ONE QRI RESPONSE ON     03-ISTRP
                                  4932+*                       NORMAL FLOW INBOUND DATA
                                  4933+*                       QUEUE                   @R491101
00001C                            4934+RPLVTFL2 DS    XL1      POST/RESPOND FLAGS               03-ISTRP
                            00080 4935+RPLSCHED EQU   X'80'    POST THE RPL WHEN THE REQUEST    03-ISTRP
                                  4936+*                       HAS BEEN SCHEDULED; IF 0, POST
                                  4937+*                       THE RPL WHEN THE RESPONSE
                                  4938+*                       HAS ARRIVED
                            00008 4939+RPLQRI   EQU   X'08'    IF ON THEN QUEUE AL RESPONSES    03-ISTRP
                                  4940+*                       IF OFF DONT QUEUE       @G40AKSL
                            00004 4941+RPLEX    EQU   X'04'    RETURN ONLY EXCEPTION RESPONSES  03-ISTRP
                                  4942+*                       (WITH SEND) OR THIS IS AN
                                  4943+*                       EXCEPTION RESPONSE (WITH
                                  4944+*                       RECEIVE); IF 0, RETURN ALL
                                  4945+*                       RESPONSES
                            00002 4946+RPLNFME  EQU   X'02'    IF 0, RETURN A FUNCTIONAL        03-ISTRP
                                  4947+*                       MANAGEMENT END RESPONSE (WITH
                                  4948+*                       SEND) OR THIS IS A FUNCTIONAL
                                  4949+*                       MANAGEMENT END RESPONSE (WITH
                                  4950+*                       RECEIVE)
                            00001 4951+RPLRRN   EQU   X'01'    RETURN A REACHED RECOVERY        03-ISTRP
                                  4952+*                       NODE RESPONSE (WITH SEND)
                                  4953+*                       OR THIS IS A REACHED RECOVERY
                                  4954+*                       NODE RESPONSE (WITH
                                  4955+*                       RECEIVE)
00001D                            4956+RPLCNTRL DS    0XL3     REQUEST UNIT CONTROL CODES       03-ISTRP
                                  4957+*
00001D                            4958+RPLCNTDF DS    XL1      DATA FLOW CONTROL CODES          03-ISTRP
                            00080 4959+RPLDATA  EQU   X'80'    DATA REQUEST, NOT A CONTROL      03-ISTRP
                                  4960+*                       CODE
                            00040 4961+RPLCNCEL EQU   X'40'    CANCEL REQUEST UNIT CHAIN        03-ISTRP
                            00020 4962+RPLQC    EQU   X'20'    THE QUIESCE IS COMPLETE(FOLLOWS  03-ISTRP
                                  4963+*                       QEC)
                            00010 4964+RPLQEC   EQU   X'10'    QUIESCE AT THE END OF THE        03-ISTRP
                                  4965+*                       CURRENT REQUEST UNIT CHAIN
                                  4966+*
                            00008 4967+RPLCHASE EQU   X'08'    SEND ALL OUTSTANDING RESPONSES   03-ISTRP
                                  4968+*                       FOLLOWED BY THE CHASE RESPONSE
                                  4969+*
                            00004 4970+RPLRELQ  EQU   X'04'    QUIESCE IS RELEASED              03-ISTRP
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                           00002  4971+RPLQI     EQU   X'02'      RESERVED                                  03-ISTRP
00001E                            4972+RPLCNTDC  DS    XL1        DATA FLOW CONTROL CODES                   03-ISTRP
                           00080  4973+RPLBID    EQU   X'80'      REQUEST PERMISSION TO BEGIN               03-ISTRP
                                  4974+*                          BRACKET
                           00040  4975+RPLRTR    EQU   X'40'      READY TO RECEIVE                          03-ISTRP
                           00020  4976+RPLLUS    EQU   X'20'      LOGICAL UNIT STATUS                       03-ISTRP
                           00010  4977+RPLSIGNL  EQU   X'10'      SIGNAL DATA AVAILABLE                     03-ISTRP
                           00008  4978+RPLTBIND  EQU   X'08'      BIND                          @G40AKCM    03-ISTRP
                           00004  4979+RPLTUNBD  EQU   X'04'      UNBIND                        @G40AKCM    03-ISTRP
                           00002  4980+RPLSBI    EQU   X'02'      SBI                           @G40AKCM    03-ISTRP
                           00001  4981+RPLBIS    EQU   X'01'      BIS                           @G40AKCM    03-ISTRP
00001F                            4982+RPLCNTSC  DS    XL1        SESSION CONTROL CODES                     03-ISTRP
                           00080  4983+RPLSDT    EQU   X'80'      START DATA TRAFFIC                        03-ISTRP
                           00040  4984+RPLCLEAR  EQU   X'40'      CLEAR ALL DATA TRAFFIC FOR                03-ISTRP
                                  4985+*                          THIS SESSION
                           00020  4986+RPLSTSN   EQU   X'20'      SET AND TEST SEQUENCE                     03-ISTRP
                                  4987+*                          NUMBERS
                           00010  4988+RPLSHUTD  EQU   X'10'      SHUTDOWN IS REQUESTED                     03-ISTRP
                           00008  4989+RPLSHUTC  EQU   X'08'      SHUTDOWN IS COMPLETE                      03-ISTRP
                           00004  4990+RPLRQR    EQU   X'04'      REQUEST RECOVERY OF SESSION               03-ISTRP
                                  4991+*
                           00002  4992+RPLRSHUT  EQU   X'02'      REQUEST SHUTDOWN                          03-ISTRP
                                  4993+*                                                 @G69AKJP
                           00001  4994+RPLSWTCH  EQU   X'01'      CONTROL=SWITCH                @R489301    03-ISTRP
000020                     00024  4995+          ORG   RPLTCBPT                              @D5B4747    03-ISTRP
000024                            4996+RPLURH    DS    XL3        USER RH                     @D5B4747    03-ISTRP
000027                            4997+RPLSONCD  DS    XL1        SON CODE (UNBIND TYPE CODE)               03-ISTRP
                                  4998+*                                                 @R491100
000028                     00033  4999+          ORG   RPLOPT4                                   @B1A    03-ISTRP
000033                            5000+RPL04     DS    XL1         VTAM OPTION BYTE 4                  @B1A    03-ISTRP
                                  5001+*                                                         @B1A
                           00080  5002+RPLPERS   EQU   X'80'       SETLOGON PERSIST                    @B1A    03-ISTRP
                           00040  5003+RPLNPERS  EQU   X'40'       SETLOGON NPERSIST                   @B1A    03-ISTRP
                           00020  5004+RPLINQPS  EQU   X'20'       INQUIRE PERSESS                     @B1A    03-ISTRP
                           00010  5005+RPLOPRES  EQU   X'10'       OPNDST RESTORE                      @B1A    03-ISTRP
                           00008  5006+RPLSLTMR  EQU   X'08'       PSTIMER SPECIFIED ON THE            @B1A    03-ISTRP
                                  5007+*                          SETLOGON PERSIST MACRO              @B1A
                                  5008+*                                                              @B1A
000034                     00040  5009+          ORG   RPLOPT5                               @G69AKJP    03-ISTRP
000040                            5010+RPL05     DS    XL1         VTAM OPTION BYTE 5      @G69AKJP    03-ISTRP
                                  5011+*                                                 @G69AKJP
                           00040  5012+RPLTNFY   EQU   X'40'       THIRD PARTY NOTIFY      @G69AKJP    03-ISTRP
                                  5013+*                                                 @G69AKJP
000041                     00041  5014+          ORG   RPLOPT6                               @D5B4747    03-ISTRP
000041                            5015+RPL06     DS    XL1         VTAM OPTION BYTE 6      @D5B4747    03-ISTRP
                                  5016+*                                                 @G69AKJP
                           00002  5017+RPLBUFFL  EQU   X'02'       1=BUFFER LIST BEING                       03-ISTRP
                                  5018+*                          USED                    @D5B4747
                           00001  5019+RPLCONTC  EQU   X'01'       1=CONTINUE CHAIN IF NEGATIVE              03-ISTRP
                                  5020+*                          REPONSE IS RECEIVED     @D5B4747
000042                     00042  5021+          ORG   RPLOPT7                               @D5B4747    03-ISTRP
000042                            5022+RPL07     DS    XL1         VTAM OPTION BYTE 7      @D5B4747    03-ISTRP
                                  5023+*                                                 @D5B4747
                           00020  5024+RPLBCKUP  EQU   X'20'       OPTCD = BACKUP          @R489306    03-ISTRP
                           00001  5025+RPLLMPEO  EQU   X'01'       1=VTAM IS TO ENFORCE MAXIMUM              03-ISTRP
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98
                                   5026+*
000043                       00043 5027+          ORG   RPLOPT8                          @D5B4747
000043                             5028+RPLO8     DS    XL1                              @D5B4747 03-ISTRP
                                   5029+*
                             00001 5030+RPLUSRRH  EQU   X'01'                            @D5B4747 03-ISTRP
                                   5031+*
                                   5032+*
000044                       00044 5033+          ORG   RPLRBAR                          @D5B4747 03-ISTRP
000044                             5034+RPLOBSQV  DS    AL2                              @D5B4747 03-ISTRP
                                   5035+*
                                   5036+*
000046                             5037+RPLIBSQV  DS    AL2                              @D5B4747 03-ISTRP
                                   5038+*
000048                             5039+RPLOBSQ   DS    XL1                              @D5B4747 03-ISTRP
                                   5040+*
                             00080 5041+RPLOSET   EQU   X'80'                           @D5B4747 03-ISTRP
                                   5042+*
                             00040 5043+RPLOTST   EQU   X'40'                           @D5B4747 03-ISTRP
                                   5044+*
                                   5045+*
                             00020 5046+RPLORSET  EQU   X'20'                           @D5B4747 03-ISTRP
                                   5047+*
                             00010 5048+RPLOIGN   EQU   X'10'                           @D5B4747 03-ISTRP
                                   5049+*
                             00008 5050+RPLOPOS   EQU   X'08'                           @D5B4747 03-ISTRP
                                   5051+*
                                   5052+*
                             00004 5053+RPLONEG   EQU   X'04'                           @D5B4747 03-ISTRP
                                   5054+*
                                   5055+*
                             00002 5056+RPLOINV   EQU   X'02'                           @D5B4747 03-ISTRP
                                   5057+*
000049                             5058+RPLIBSQ   DS    XL1                              @D5B4747 03-ISTRP
                                   5059+*
                             00080 5060+RPLISET   EQU   X'80'                           @D5B4747 03-ISTRP
                                   5061+*
                             00040 5062+RPLITST   EQU   X'40'                           @D5B4747 03-ISTRP
                                   5063+*
                                   5064+*
                             00020 5065+RPLIRSET  EQU   X'20'                           @D5B4747 03-ISTRP
                                   5066+*
                             00010 5067+RPLIIGN   EQU   X'10'                           @D5B4747 03-ISTRP
                                   5068+*
                             00008 5069+RPLIPOS   EQU   X'08'                           @D5B4747 03-ISTRP
                                   5070+*
                                   5071+*
                             00004 5072+RPLINEG   EQU   X'04'                           @D5B4747 03-ISTRP
                                   5073+*
                                   5074+*
                             00002 5075+RPLIINV   EQU   X'02'                           @D5B4747 03-ISTRP
                                   5076+*
00004A                             5077+RPLSEQNO  DS    AL2                              @D5B4747 03-ISTRP
                                   5078+*
00004C                       00078 5079+          ORG   ,                                @AZ48668 03-ISTRP
                                   5080+*
```

RU SIZE

VTAM OPTION BYTE 8

1=OPTCD=USERRH SPECIFIED

0=OPTCD=NUSERRH SPECIFIED

STSN OUTBOUND SEQUENCE NUMBER

SEQUENCE NUMBER OF LAST RU OFA LARGE MESSAGE SEND

STSN INBOUND SEQUENCE NUMBER

STSN OUTBOUND ACTION CODES

SET THE OUTBOUND SEQUENCE NUMBER

SET THE OUTBOUND SEQUENCE NUMBER UNCONDITIONALLY AND INDICATE IF ACCEPTABLE

RESET THE OUTBOUND SEQUENCE TO THE DEFAULT VALUE(0)

IGNORE THE OUTBOUND SEQUENCE NUMBER

THE OUTBOUND SEQUENCE NUMBER IS ACCEPTABLE (FOLLOWS TESTSET)

THE OUTBOUND SEQUENCE NUMBER IS NOT ACCEPTABLE (FOLLOWS TESTSET)

THE OUTBOUND SEQUENCE NUMBER IS INVALID

STSN INBOUND ACTION CODES

SET THE INBOUND SEQUENCE NUMBER

SET THE INBOUND SEQUENCE NUMBER UNCONDITIONALLY AND INDICATE IF ACCEPTABLE

RESET THE INBOUND SEQUENCE TO THE DEFAULT VALUE(0)

IGNORE THE INBOUND SEQUENCE NUMBER

THE INBOUND SEQUENCE NUMBER IS ACCEPTABLE (FOLLOWS TESTSET)

THE INBOUND SEQUENCE NUMBER IS NOT ACCEPTABLE (FOLLOWS TESTSET)

THE INBOUND SEQUENCE NUMBER IS INVALID

RESPONSE SEQUENCE NUMBER IDENTIFIER

```
LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98
                                 5081+*************************************************************************
                                 5082+*                                                                       *
                                 5083+*        THE FOLLOWING CODES ARE STORED IN EITHER 'RPLFDB2' OR          *
                                 5084+*        'RPLFDB3'. SEE INTRODUCTORY COMMENTS FOR EACH GROUP FOR        *
                                 5085+*        FURTHER INFORMATION.                                           *
                                 5086+*                                                                       *
                                 5087+*************************************************************************
                                 5088+*
                                 5089+*****    REASON CODE EQUATES FOR RPLFDB2 IF RPLRTNCD EQUALS X'00'
                                 5090+*
                          00000  5091+RPLAOK   EQU   X'00'              OPERATION COMPLETED SUCCESSFULLY     04-ISTRP
                          00004  5092+RPLRCDPR EQU   X'04'              RESET CONDITIONAL SUCCESSFUL-        04-ISTRP
                                 5093+*                                READ-AHEAD DATA PRESENT
                                 5094+*
                                 5095+*****    NO REASON CODE EQUATES FOR RPLFDB2 IF RPLRTNCD EQUALS X'04'
                                 5096+*
                                 5097+*****    REASON CODE EQUATES FOR RPLFDB2 IF RPLRTNCD EQUALS X'08'
                                 5098+*
                          00001  5099+RPLCBERR EQU   X'01'              INVALID CONTROL BLOCK                04-ISTRP
                          00002  5100+RPLEXERR EQU   X'02'              EXIT ADDRESS IS 0 OR EXTERNAL ECB    04-ISTRP
                                 5101+*                                ADDRESS IS 0
                          00003  5102+RPLCLSIP EQU   X'03'              CLSDST IN PROGRESS                   04-ISTRP
                          00005  5103+RPLCIDNG EQU   X'05'              INVALID CID                          04-ISTRP
                          00006  5104+RPLILDOP EQU   X'06'              BAD LDO OP CODE                      04-ISTRP
                          00008  5105+RPLWANCR EQU   X'08'              READ NOT CHAINED                     04-ISTRP
                          0000C  5106+RPLSANOD EQU   X'0C'              SOL ANY AND NO DEV CONN              04-ISTRP
                          0000D  5107+RPLSANDA EQU   X'0D'              SOL ANY AND NO DEV AVAIL             04-ISTRP
                          0000E  5108+RPLSTOOD EQU   X'0E'              SOL TO OUTPUT ONLY                   04-ISTRP
                          0000F  5109+RPLBUFTE EQU   X'0F'              BUFFER THRESHOLD EXCEEDED            04-ISTRP
                          00010  5110+RPLRTOOD EQU   X'10'             READ TO OUTPUT ONLY                  04-ISTRP
                          00011  5111+RPLWTOI  EQU   X'11'             WRITE TO INPUT ONLY                  04-ISTRP
                          00012  5112+RPLEWNS  EQU   X'12'             ERASE TO NON 2265/3270               04-ISTRP
                          00013  5113+RPLEWAU3 EQU   X'13'             EAU TO NON 3270                      04-ISTRP
                          00014  5114+RPLCWTOO EQU   X'14'             WRITE CONV TO OUTPUT ONLY            04-ISTRP
                          00015  5115+RPLCWB   EQU   X'15'             ERASE AND CONV                       04-ISTRP
                          00016  5116+RPLCCCPY EQU   X'16'             COPY LDO W/CC OR CD                  04-ISTRP
                          00017  5117+RPLIDA   EQU   X'17'             INVALID DATE AREA OR LENGTH          04-ISTRP
                          00018  5118+RPLILDOA EQU   X'18'             INVALID LDO ADDR                     04-ISTRP
                          00019  5119+RPLJTOJ  EQU   X'19'             JUMP TO JUMP                         04-ISTRP
                          0001A  5120+RPLM255  EQU   X'1A'             OVER 100 LDOS                        04-ISTRP
                          0001B  5121+RPLRILCP EQU   X'1B'             RESET LDO AND OTHER                  04-ISTRP
                          0001C  5122+RPLCRIRT EQU   X'1C'             INVALID REQUEST TYPE                 04-ISTRP
                          0001D  5123+RPLRIOCC EQU   X'1D'             READ LDO W/CC                        04-ISTRP
                          0001E  5124+RPLEWBLK EQU   X'1E'             ERASE AND BLOCK                      04-ISTRP
                          0001F  5125+RPLCRSDC EQU   X'1F'             SOL LDO W/CD                         04-ISTRP
                          00021  5126+RPLIREST EQU   X'21'             INVALID RESET TYPE                   04-ISTRP
                          00024  5127+RPLWBT32 EQU   X'24'             WRITE BLOCK TO 3270                  04-ISTRP
                          00025  5128+RPLRMOBN EQU   X'25'             READ MOD OR BUF NON 3270             04-ISTRP
                          00026  5129+RPLCTN32 EQU   X'26'             COPY TO NON 3270R                    04-ISTRP
                          00027  5130+RPLWCVDE EQU   X'27'             WRITE CONV. ISSUED AND DATA EXPECTED 04-ISTRP
                          00028  5131+RPLRNFT3 EQU   X'28'             READ NOT FIRST TO 3735               04-ISTRP
                          00029  5132+RPLRCINV EQU   X'29'             RESET COND ILLEGAL                   04-ISTRP
                          0002A  5133+RPLINVRM EQU   X'2A'             INVALID READ MODE                    04-ISTRP
                          0002B  5134+RPLATSFI EQU   X'2B'             AREA TOO SMALL FOR INQ               04-ISTRP
                          0002C  5135+RPLIIINA EQU   X'2C'             INQ INFO NOT AVAIL                   04-ISTRP
```

LOC OBJECT CODE ADDR1 ADDR2 STMT SOURCE STATEMENT ASM H V 02 15.46 09/01/98

```
                        0002D  5136+RPLICNDN EQU   X'2D'    INT COULDNT DET NAME                    04-ISTRP
                        0002E  5137+RPLILSIN EQU   X'2E'    INVALID LOGON SEQ INIT                  04-ISTRP
                        0002F  5138+RPLIICBE EQU   X'2F'    CB ERROR IN I AND I                     04-ISTRP
                        00030  5139+RPLOLIPT EQU   X'30'    OVERLENGTH INPUT (TRUNC)                04-ISTRP
                        00031  5140+RPLINTNA EQU   X'31'    INT INFO NOT AVAIL                      04-ISTRP
                        00032  5141+RPLRCLCK EQU   X'32'    RESET COND WITH LOCK                    04-ISTRP
                        00040  5142+RPLOCE01 EQU   X'40'    TYPE NOT SUPPORT LIST                   04-ISTRP
                        00041  5143+RPLOCE02 EQU   X'41'    TYPE INVLAID                            04-ISTRP
                        00042  5144+RPLOCE03 EQU   X'42'    ACQUIRE INVALID PARM                    04-ISTRP
                        00044  5145+RPLOCE05 EQU   X'44'    NO PREEMPT AUTH                         04-ISTRP
                        00046  5146+RPLOCE07 EQU   X'46'    INVLID NIB OPTION                       04-ISTRP
                        00047  5147+RPLOCE08 EQU   X'47'    DEST UNKNOWN                            04-ISTRP
                        00048  5148+RPLOCE09 EQU   X'48'    DEST UNOPENABLE                         04-ISTRP
                        00049  5149+RPLOCE10 EQU   X'49'    NOT AUTH TO OPNDST OR INSTALLATION      04-ISTRP
                               5150+*                       PROVIDED SUBROUTINE FAILED TO
                               5151+*                       PROVIDE APPL NAME TO INTRPRET
                        0004A  5152+RPLOCE11 EQU   X'4A'    DEST UNAVAIL OFFLINE                    04-ISTRP
                        0004B  5153+RPLOCE12 EQU   X'4B'    DEST UNAVAIL IN USE                     04-ISTRP
                        0004C  5154+RPLOCE13 EQU   X'4C'    NO LOGON FOUND ACCEPT                   04-ISTRP
                        0004D  5155+RPLOCE14 EQU   X'4D'    OPNDST CANCELED                         04-ISTRP
                        0004F  5156+RPLOCE16 EQU   X'4F'    INVALID MODE NAME                       04-ISTRP
                        00052  5157+RPLOCE19 EQU   X'52'    MULTI BH SETS SPECIFIED                 04-ISTRP
                        00054  5158+RPLOCE21 EQU   X'54'    INVALID REQUEST TYPE                    04-ISTRP
                        00055  5159+RPLOCE22 EQU   X'55'    APPL IS QUIESING                        04-ISTRP
                        00058  5160+RPLOCE25 EQU   X'58'    INVALID LOGON ADDR OR LEN               04-ISTRP
                        0005A  5161+RPLOCE27 EQU   X'5A'    DUPLICATE NODES                         04-ISTRP
                        0005B  5162+RPLOCE28 EQU   X'5B'    VTAM IS HALTING                         04-ISTRP
                        0005C  5163+RPLOCE29 EQU   X'5C'    VTAM NOT ACTIVE                         04-ISTRP
                        0005F  5164+RPLOCE32 EQU   X'5F'    CID DST NOT OPENED                      04-ISTRP
                        00060  5165+RPLOCE33 EQU   X'60'    NO AUTH FOR PASS                        04-ISTRP
                        0006D  5166+RPLRNONA EQU   X'6D'    APPLICATION NOT AUTHORIZED              04-ISTRP
                               5167+*                       POI INACTIVE
                        00061  5168+RPLOCE34 EQU   X'61'    PASSER NOT OWN RESOURCE                 04-ISTRP
                        00062  5169+RPLOCE35 EQU   X'62'    RESOURCE NOT OWNED                      04-ISTRP
                        00063  5170+RPLOCE36 EQU   X'63'    PREEMPT UNOPENED DEVICE                 04-ISTRP
                        00064  5171+RPLOCE37 EQU   X'64'    RESTORE OF PREEMPT FAILED               04-ISTRP
                        00066  5172+RPLOCE39 EQU   X'66'    INVALID SETLOGON                        04-ISTRP
                        0006C  5173+RPLRNOEL EQU   X'6C'    EXCEEDED LIMIT OF OUTSTANDING           04-ISTRP
                               5174+*                       RCVCMD'S ALLOWED
                        0006E  5175+RPLRNOSE EQU   X'6E'    REPLY REJECTED DUE TO SYNTAX ERROR      04-ISTRP
                        0006F  5176+RPLRNOIA EQU   X'6F'    PROGRAM OPERATOR INTERFACE INACTIVE     04-ISTRP
                        00070  5177+RPLRNOCL EQU   X'70'    RCVCMD REJECTED BECAUSE PROGRAM         04-ISTRP
                               5178+*                       OPERATOR APPLICATION IS CLOSING
                        00071  5179+RPLRNOCE EQU   X'71'    PO-COMMAND REJECTED                     04-ISTRP
                               5180+*                       DUE TO SYNTAX ERROR
                        00072  5181+RPLPCIT  EQU   X'72'    LOGICAL ERROR - PRIMARY CANNOT          04-ISTRP
                               5182+*                       ISSUE TERMSESS
                        00088  5183+RPLLGCNT EQU   X'88'    LEADING GRAPHS OVER FIFTEEN             04-ISTRP
                        0008A  5184+RPLCPCNT EQU   X'8A'    COPY LCC COUNT NE THREE                 04-ISTRP
                        000A1  5185+RPLILRS  EQU   X'A1'    INCOMPATABLE SYSGEN                     04-ISTRP
                        000A3  5186+RPLUSELE EQU   X'A3'    MISCELLANEOUS USER ERROR                04-ISTRP
                        000A7  5187+RPLCRNF  EQU   X'A7'    CONV REPLY NOT POSSIBLE                 04-ISTRP
                        000AC  5188+RPLNORD  EQU   X'AC'    READ NOT FIRST TO BSC DIAL-IN           04-ISTRP
                        000B0  5189+RPLOLIPX EQU   X'B0'    OVERLENGTH INPUT (TRUNC)                04-ISTRP
                        000B1  5190+RPLCPYE2 EQU   X'B1'    COPY WRONG CLUSTER                      04-ISTRP
```

```
LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98
                          000B2  5191+RPLRELNP EQU   X'B2'              RESET LOCK NOT ALLOWED                 04-ISTRP
                          000B3  5192+RPLCPYE1 EQU   X'B3'              COPY UNOPENED FROM DEVICE              04-ISTRP
                          000B6  5193+RPLDFIBH EQU   X'B6'              DIALOGUE ENTRY FAILED DUE TO INVALID   04-ISTRP
                                 5194+*                                 BHSET
                          000B7  5195+RPLDFIPO EQU   X'B7'              DIALOGUE ENTRY FAILED DUE TO           04-ISTRP
                                 5196+*                                 INVALID PROCESSING OPTIONS
                                 5197+*
                                 5198+*****    NO REASON CODE EQUATES FOR RPLFDB2 IF RPLRTNCD EQUALS X'0C'
                                 5199+*
                                 5200+*****    REASON CODE EQUATES FOR RPLFDB2 IF RPLRTNCD EQUALS X'10'
                                 5201+*
                          00000  5202+RPLRCWNP EQU   X'00'              RESET C WAS NOOP                       04-ISTRP
                          00080  5203+RPLYTCTN EQU   X'80'              YIELDED TO CONTENTION                  04-ISTRP
                          00084  5204+RPLYADIF EQU   X'84'              YIELDED AND DIALOG INIT FAILURE        04-ISTRP
                                 5205+*
                                 5206+*****    REASON CODE EQUATES FOR RPLFDB2 IF RPLRTNCD EQUALS X'14'
                                 5207+*
                          00001  5208+RPLSTALF EQU   X'01'              STORAGE ALLOCATION FAILURE             04-ISTRP
                                 5209+*
                                 5210+*****    REASON CODE EQUATES FOR RPLFDB2 IF RPLRTNCD EQUALS X'18'
                                 5211+*
                          00000  5212+RPLUSRES EQU   X'00'              USER RESET                             04-ISTRP
                          00080  5213+RPLSSTRM EQU   X'80'              SUCCESSFUL TERMINAL RESET              04-ISTRP
                          00081  5214+RPLUNTRM EQU   X'81'              UNSUCCESSFUL TERMINAL RESET            04-ISTRP
                                 5215+*
                                 5216+*****    REASON CODE EQUATES FOR RPLFDB2 IF RPLRTNCD EQUALS X'1C'
                                 5217+*
                          00002  5218+RPLNCPAN EQU   X'02'              NCP ABEND RESTART NOT OK               04-ISTRP
                          00003  5219+RPLPCF   EQU   X'03'              PERM CHANNEL FAILURE                   04-ISTRP
                          00004  5220+RPLANS   EQU   X'04'              AUTO NETWORK SHUTDOWN                  04-ISTRP
                          00006  5221+RPLCLOCC EQU   X'06'              CLSDST OCCURRED                        04-ISTRP
                          00007  5222+RPLVOFOC EQU   X'07'              VARY OFFLINE OCCURRED                  04-ISTRP
                          00008  5223+RPLDISCO EQU   X'08'              DISCONNECT OCCURRED                    04-ISTRP
                          00009  5224+RPLBTHEX EQU   X'09'              BUFFER THRESHOLD EXCEEDED              04-ISTRP
                                 5225+*
                                 5226+*****    NO REASON CODE EQUATES FOR RPLFDB2 IF RPLRTNCD EQUALS X'20'
                                 5227+*
                                 5228+*****    REASON CODE EQUATES FOR RPLFDB2 IF RPLRTNCD EQUALS X'24'
                                 5229+*
                          00001  5230+RPLOCSO1 EQU   X'01'              ASE UNEXPECTED ERROR                   04-ISTRP
                          00002  5231+RPLOCSO2 EQU   X'02'              ASE SRT NOT PRESENT                    04-ISTRP
                          00003  5232+RPLOCSO3 EQU   X'03'              ASE CONTROLING NODE OFFLINE            04-ISTRP
                          00004  5233+RPLOCSO4 EQU   X'04'              ASE RDT ILLEGAL                        04-ISTRP
                          00005  5234+RPLOCSO5 EQU   X'05'              ASE NO PROCESS LOCK                    04-ISTRP
                          00006  5235+RPLOCSO6 EQU   X'06'              ASE NO RDT LOCK                        04-ISTRP
                          00007  5236+RPLOCSO7 EQU   X'07'              ASE NO ALLOCATION LOCK                 04-ISTRP
                          00008  5237+RPLOCSO8 EQU   X'08'              ASE NO DEVICE LOCK                     04-ISTRP
                          00009  5238+RPLOCSO9 EQU   X'09'              ASE COULD NOT DISCONNECT               04-ISTRP
                                 5239+*
                                 5240+*****    REASON CODE EQUATES FOR RPLFDB2 IF RPLRTNCD EQUAL X'28'
                                 5241+*
                          00080  5242+RPLDIDOL EQU   X'80'              DISCONNECT ON DIAL OUT LINE            04-ISTRP
                          00090  5243+RPLDIDIL EQU   X'90'              DISCONNECT ON DIAL IN LINE             04-ISTRP
                                 5244+*
                                 5245+*****    EQUATES FOR RPLFDB3 ON RETURN FROM INQUIRE IF
```

```
LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98
                                 5246+*****    RPLRTNCD IS X'00'
                                 5247+*
                           00000 5248+RPLIACT  EQU   X'00'              APPLICATION IS ACTIVE                 04-ISTRP
                           00004 5249+RPLIINA  EQU   X'04'              APPLICATION IS INACTIVE               04-ISTRP
                           00008 5250+RPLINA   EQU   X'08'              APPLICATION WILL NOT ACCEPT LOGONS    04-ISTRP
                           0000C 5251+RPLITNA  EQU   X'0C'              APPLICATION IS TEMPORARILY NOT        04-ISTRP
                                 5252+*                                 ACCEPTING LOGONS
                           00010 5253+RPLIQUIE EQU   X'10'              APPLICATION IS QUIESCING              04-ISTRP
                                 5254+*
                                 5255+*****************************************************************************
                                 5256+*                                                                           *
                                 5257+*        MVS/ESA BASE                                                       *
                                 5258+*                                                                           *
                                 5259+*****************************************************************************
                                 5260+*
                                 5261+*ISTGLRL SETC  '0342'                  ACF/VTAM V3 R4 M2      @V2C @G1C
                                 5262+*
                                 5263+*ISTGL00 SETB  1        NIB ENCR AND RPL CRYPT (CRYPTOGRAPHY)
                                 5264+*                      ADD CRYPTO TO BASE                    @R492800
                                 5265+*ISTGL01 SETB  1        ACB PARMS=NIB (COMMUNICATION NETWORK
                                 5266+*                           MANAGEMENT INTERFACE)
                                 5267+*ISTGL02 SETB  1       MULTIPLE-ADDRESS-SPACE APPLICATIONS PROGRAMS
                                 5268+*ISTGL03 SETB  1       AUTHORIZED PATH FOR COMMUNICATIONS MACROS
                                 5269+*ISTGL04 SETB  1       AUTHORIZED PATH FOR ALL RPL-BASED MACROS
                                 5270+*ISTGL05 SETB  1       SRBEXIT (ON APPL DEFINITION STATEMENT)
                                 5271+*ISTGL06 SETB  1       SONSCIP (ON APPL DEFINITION STATEMENT)
                                 5272+*ISTGL07 SETB  1       VTAMFRR (ON APPL DEFINITION STATEMENT)
                                 5273+*ISTGL10 SETB  1       SSCP TRACKING OF DEVICE-LU SESSION CAPABILITY
                                 5274+*                           VIA NOTIFY (ENABLED/DISABLED/INHIBITED)
                                 5275+*ISTGL11 SETB  1       RPL OPTCD=LMPEO
                                 5276+*ISTGL12 SETB  1       RPL OPTCD=BUFFLST
                                 5277+*ISTGL13 SETB  1       RPL OPTCD=USERRH
                                 5278+*ISTGL14 SETB  1       ACB PARMS=USERFLD
                                 5279+*ISTGL15 SETB  1       RPL BRACKET=CEB
                                 5280+*ISTGL16 SETB  1       APPLICATION PROGRAM ASSIGNMENT OF SEQUENCE
                                 5281+*                           NUMBERS FOR EXPEDITED DFC REQUESTS
                                 5282+*ISTGL17 SETB  1       RESOURCE-IDENTIFICATION VECTOR LIST
                                 5283+*ISTGL20 SETB  1       ACCESS-METHOD-SUPPORT VECTOR LIST
                                 5284+*ISTGL21 SETB  1       RETURN OF SYSTEM RESPONSE BYTE AND EXTENDED
                                 5285+*                           RESPONSE BYTE FOR BSC 3270 TERMINALS
                                 5286+*                           ATTACHED TO ACF/NCP
                                 5287+*ISTGL22 SETB  1       INTRPRET
                                 5288+*ISTGL23 SETB  1       VTAM API IS XRF CAPABLE               @R489301
                                 5289+*ISTGL24 SETB  1       SENSE ON -RSP(CINIT). CLSDST
                                 5290+*                      OPTCD=(RELEASE,SENSE)                 @R489301
                                 5291+*ISTGL25 SETB  1       UNBIND SON CODE AND SENSE.
                                 5292+*                      CLSDST OPTCD=(RELEASE,SONCODE)
                                 5293+*                      TERMSESS OPTCD=(UNBIND,SONCODE)       @R491100
                                 5294+*ISTGL26 SETB  1       HOLD/RELEASE LOGON/SCIP EXIT FOR SESSION
                                 5295+*                      SETUP. SETLOGON OPTCD=(START|HOLD)    @R489301
                                 5296+*ISTGL27 SETB  1       CINIT - NETWORK ADDRESSES IN VECTOR KEY X'15'
                                 5297+*ISTGL30 SETB  1       31-BIT API                            @R489209
                                 5298+*ISTGL31 SETB  1       NOTIFICATION OF QUEUED RESPONSES IS SUPPORTED
                                 5299+*                      (I.E. SEND OPTCD=(RSPQUED))           @R491101
                                 5300+*ISTGL32 SETB  1       APPC IS SUPPORTED                     @R495812
```

LOC OBJECT CODE ADDR1 ADDR2 STMT SOURCE STATEMENT ASM H V 02 15.46 09/01/98

```
                        5301+*ISTGL33 SETB  1       ADD SUPPORT FOR USERVAR                @0Y03535
                        5302+*ISTGL34 SETB  0       VCNS API SUPPORT FOR X.25             @D2A @N1C
                        5303+*ISTGL35 SETB  1       VCNS API SUPPORT FOR TOKEN BUS, TOKEN RING,
                        5304+*                      802.3, and ETHERNET(tm) LANs          @A1A @A2C
                        5305+*ISTGL36 SETB  1       CROSS-MEMORY API IS SUPPORTED              @B2A
                        5306+*ISTGL37 SETB  1       KEEPFRR SUPPORT (ON ACB STATEMENT)         @B2A
                        5307+*ISTGL40 SETB  1       SRBEXIT SUPPORT (ON ACB STATEMENT)         @B2A
                        5308+*ISTGL41 SETB  1       PLUS IS SUPPORTED                          @B3A
                        5309+*ISTGL42 SETB  0       V.25BIS SUPPORT                            @N2A
                        5310+*ISTGL43 SETB  1       VTAM/NPM INTERFACE SUPPORT                 @J2A
                        5311+*ISTGL44 SETB  1       LU6 PLUS TRACKING SUPPORTED                @J1A
                        5312+*ISTGL52 SETB  1       QUEUED SESSION TERMINATION SUPPPORTED      @O1A
                        5313+*************************************************************************
                        5314+*                                                                       *
                        5315+*         VTAM LU 6.2 OPTION SUPPORT INDICATORS                         *
                        5316+*                                                                       *
                        5317+*************************************************************************
                        5318+*
                        5319+*ISTGA01 SETA  0                     CONVERSATIONS BETWEEN
                        5320+*                                    TPS AT SAME LU
                        5321+*ISTGA02 SETA  0                     DELAYED SESSION ALLOCATION
                        5322+*
                        5323+*ISTGA03 SETA  1                     IMMEDIATE SESSION ALLOCATION
                        5324+*
                        5325+*ISTGA04 SETA  2                     SYNC POINT SERVICES
                        5326+*
                        5327+*ISTGA05 SETA  0                     PROGRAM RECONNECT
                        5328+*
                        5329+*ISTGA06 SETA  0                     RESERVED
                        5330+*
                        5331+*ISTGA07 SETA  1                     SESSION-LEVEL LU-LU
                        5332+*                                    VERIFICATION
                        5333+*ISTGA08 SETA  2                     USERID VERIFICATION
                        5334+*
                        5335+*ISTGA09 SETA  2                     PROGRAM SUPPLIED USERID
                        5336+*                                    AND PASSWORD
                        5337+*ISTGA10 SETA  2                     USERID AUTHORIZATION
                        5338+*
                        5339+*ISTGA11 SETA  2                     PROFILE VERIFICATION
                        5340+*                                    AND AUTHORIZATION
                        5341+*ISTGA12 SETA  0                     RESERVED
                        5342+*
                        5343+*ISTGA13 SETA  2                     PROFILE PASSTHROUGH
                        5344+*
                        5345+*ISTGA14 SETA  2                     PROGRAM-SUPPLIED PROFILE
                        5346+*
                        5347+*ISTGA15 SETA  2                     SEND PERSISTENT VERIFICATION
                        5348+*
                        5349+*ISTGA16 SETA  2                     RECEIVE PERSISTENT VERIFICATION
                        5350+*
                        5351+*ISTGA17 SETA  2                     PIP DATA
                        5352+*
                        5353+*ISTGA18 SETA  2                     LOGGING OF DATA IN SYSTEM LOG
                        5354+*
                        5355+*ISTGA19 SETA  1                     FLUSH LU SEND BUFFER
```

```
                         5356+*
                         5357+*ISTGA20 SETA  2                    LUW IDENTIFIER
                         5358+*
                         5359+*ISTGA21 SETA  1                    PREPARE TO RECEIVE
                         5360+*
                         5361+*ISTGA22 SETA  1                    LONG LOCKS
                         5362+*
                         5363+*ISTGA23 SETA  0                    POST ON RECEIPT WITH WAIT
                         5364+*
                         5365+*ISTGA24 SETA  0                    POST ON RECEIPT WITH TEST FOR
                         5366+*                                   POSTING
                         5367+*ISTGA25 SETA  0                    RECEIVE-IMMEDIATE
                         5368+*
                         5369+*ISTGA26 SETA  0                    TEST FOR REQUEST-TO-SEND
                         5370+*                                   RECEIVED
                         5371+*
                         5372+*  THE FOLLOWING OPTION SETS RELATE TO MAPPED CONVERSATION VERBS
                         5373+*
                         5374+*ISTGA27 SETA  2                    DATA MAPPING
                         5375+*
                         5376+*ISTGA28 SETA  2                    FMH APPLICATION-DATA
                         5377+*
                         5378+*ISTGA29 SETA  2                    GET ATTRIBUTES
                         5379+*
                         5380+*ISTGA30 SETA  2                    GET CONVERSATION-TYPE
                         5381+*
                         5382+*ISTGA31 SETA  2                    MAPPED CONVERSATION LU
                         5383+*                                   SERVICES COMPONENT
                         5384+*
                         5385+*  THE FOLLOWING OPTION SETS RELATE TO CONTROL OPERATOR VERBS
                         5386+*
                         5387+*ISTGA32 SETA  1                    CHANGE_SESSION_LIMIT VERB
                         5388+*
                         5389+*ISTGA33 SETA  1                    MIN_CONWINNERS_TARGET PARAMETER
                         5390+*
                         5391+*ISTGA34 SETA  1                    RESPONSIBLE(TARGET) PARAMETER
                         5392+*
                         5393+*ISTGA35 SETA  1                    DRAIN_TARGET(NO) PARAMETER
                         5394+*
                         5395+*ISTGA36 SETA  0                    FORCE PARAMETER
                         5396+*
                         5397+*ISTGA37 SETA  0                    ACTIVATE_SESSION VERB
                         5398+*
                         5399+*ISTGA38 SETA  0                    DEACTIVATE_SESSION VERB
                         5400+*
                         5401+*ISTGA39 SETA  1                    LU-PARAMETER VERBS
                         5402+*
                         5403+*ISTGA40 SETA  0                    LU-LU SESSION LIMIT
                         5404+*
                         5405+*ISTGA41 SETA  1                    LOCALLY-KNOWN LU NAMES
                         5406+*
                         5407+*ISTGA42 SETA  1                    UNINTERPRETED LU NAMES
                         5408+*
                         5409+*ISTGA43 SETA  1                    SINGLE-SESSION RE-INITIATION
                         5410+*
```

```
                        5411+*ISTGA44 SETA  0                       ALTERNATE CODE PROCESSING
                        5412+*
                        5413+*ISTGA45 SETA  1                       MAXIMUM RU SIZE BOUNDS
                        5414+*
                        5415+*ISTGA46 SETA  1                       SESSION-LEVEL MANDATORY
                        5416+*                                      CRYPTOGRAPHY
                        5417+*ISTGA47 SETA  1                       CONTENTION WINNER
                        5418+*                                      AUTOMATIC ACTIVATION LIMIT
                        5419+*
                        5420+*  THE FOLLOWING OPTION SET RELATES TO CONWINNER SESSION ALLOCATION
                        5421+*
                        5422+*ISTGA48 SETA  1                       CONWINNER SESSION
                        5423+*                                      ALLOCATION
                        5424+*
                        5425+*ISTGA49 SETA  2                       ENHANCED SECURITY (SAME)
                        5426+*
                        5427+*ISTGA50 SETA  1                       SESSION-LEVEL SELECTIVE
                        5428+*                                      CRYPTOGRAPHY
                        5429+********* START OF SPECIFICATIONS ***********************************
                        5430+*                                                                    *
                        5431+*      MACRO NAME: ISTRPL6X                                          *
                        5432+*                                                                    *
                        5433+*      DESCRIPTIVE NAME:                                             *
                        5434+*         RPL APPC/VTAM EXTENSION                                    *
                        5435+*                                                                    *
                        5436+*      COPYRIGHT: LICENSED MATERIALS - PROPERTY OF IBM               *
                        5437+*                                                                    *
                        5438+*                 THIS PRODUCT CONTAINS "RESTRICTED MATERIALS OF IBM"*
                        5439+*                                                                    *
                        5440+*                 5685-085 (C) COPYRIGHT IBM CORP. 1987, 1991.       *
                        5441+*                 ALL RIGHTS RESERVED.                               *
                        5442+*                                                                    *
                        5443+*                 U.S. GOVERNMENT USERS RESTRICTED RIGHTS -          *
                        5444+*                 USE, DUPLICATION OR DISCLOSURE RESTRICTED BY       *
                        5445+*                 GSA ADP SCHEDULE CONTRACT WITH IBM CORP.           *
                        5446+*                                                                    *
                        5447+*                 SEE COPYRIGHT INSTRUCTIONS.                        *
                        5448+*                                                                    *
                        5449+*      STATUS: ACF/VTAM VERSION 3 RELEASE 4                          *
                        5450+*                                                                    *
                        5451+*      FUNCTION:                                                     *
                        5452+*        THE EXTENSION(RPL6) DESCRIBES MOST OF THE APPC REQUESTS     *
                        5453+*        AND ERROR FEEDBACK INFORMATION THAT ONLY APPC USES.         *
                        5454+*        IT IS CALLED BY THE RPL VTAM EXTENSION MACRO(ISTRPLEX)      *
                        5455+*        UNDER THE FOLLOWING:                                        *
                        5456+*                                                                    *
                        5457+*        PLS: THE MODULE CONTAINING AN INCLUDE FOR IFGRPL SETS       *
                        5458+*        THE MACRO VARIABLE 'ACBRPLXL' TO 'VTAM' PRIOR TO ISSUING    *
                        5459+*        THE INCLUDE.                                                *
                        5460+*                                                                    *
                        5461+*        BAL: THE AM=VTAM PARAMETER IS CODED ON THE MACRO CALL       *
                        5462+*             ( IFGRPL AM=VTAM )                                     *
                        5463+*                                                                    *
                        5464+*      NOTES:                                                        *
                        5465+*                                                                    *
```

```
                         5466+*                                                          *
                         5467+*      PROCESSOR: ASSEMBLER OR PL/AS                      *
                         5468+*                                                          *
                         5469+*      CREATED BY:                                        *
                         5470+*                                                          *
                         5471+*      INTERNAL MACROS: NONE                              *
                         5472+*                                                          *
                         5473+*      EXTERNAL REFERENCES: NONE                          *
                         5474+*                                                          *
                         5475+*      CHANGE ACTIVITY:                                   *
                         5476+*         5/27/86 - ADD RPL6NQUA FOR UNDEFINED QUALIFY       @P030472*
                         5477+*        12/08/86 - ADD RPL6STBF & RPL6STDS FOR STG SHORTAGE @P043961*
                         5478+*        04/24/87 - ADD RPL6DEB FOR DOS777 BECAUSE THERE IS NO CRPL6 *
                         5479+*                   IN DOS.                                 @R507001*
                         5480+*        04/29/87 - CONVERSATION LEVEL SECURITY             @R507300*
                         5481+*        10/30/87 - ADD WHAT RECEIVED FIELD FOR LOG DATA     @P051251*
                         5482+*        12/10/87 - CORRECT RESERVED FIELDS                 @P052442*
                         5483+*        01/05/88 - CHANGE FIELD DESCRIPTIONS               @P052802*
                         5484+*        07/11/88 - CHANGES FOR VM/APPC CONSISTENCY         @P058398*
                         5485+*                                                          *
                         5486+* $MAC(ISTRPL6X),COMP(API),PROD(VTAM): RPL APPC/VTAM EXTENSION *
                         5487+*                                                          *
                         5488+* FLAG REASON   RELEASE DATE   ORIGIN  FLAG DESCRIPTORS    *
                         5489+* ---- -------- ------- ------ ------  ---------------------------  *
                         5490+* $F1= FC2@@CLD HVT3303 880315 013298: APPC CONWINNER SUPPORT  *
                         5491+* $F2= FB3@@CLD HVT3303 880318 013298: PARTNER LU VERIFICATION *
                         5492+* $F3= FS1@@CLD HVT3303 880418 255471: SYNCPOINT SUPPORT       *
                         5493+* $F4= RCR0004  HVT3303 880907 255471: SYNCPOINT RCR SUPPORT  *
                         5494+* $Q1= P063278  HVT3303 881116 255471: IMPLEMENT SESSION DEACTIVATION*
                         5495+*                                      DELAYED FUNCTION     *
                         5496+* $Q2= P064622  HVT3303 890118 460025: REMOVE RESYNC PRIORITY  *
                         5497+* $B1= AE@@@AMS HVT3401 890322 460025: SELECTION DATA ENCRYPTION *
                         5498+* $B2= AP@@@CLD HVT3401 890323 496698: PERSISTENT LU-LU SESSIONS *
                         5499+* $Q3= P073492  HVT3303 890331 255471: DELETE AN UNUSED FIELD  *
                         5500+* $B3= AV@@@AMS HVT3401 890421 577378: PERSISTENT VERIFICATION *
                         5501+* $Q4= P070114  HVT3303 890615 255471: FIX RPL6DERC CONSTANTS  *
                         5502+* $BB= ACC@@AMS HVT3401 891025 615520: PL/AS CONVERSION       *
                         5503+* $V1= P082013  HVT3401 900827 474203: Syncpoint processing for *
                         5504+* $V2= P096925  HVT3401 910701 051418: CHANGE COMMENTS FOR ISTSLCNS *
                         5505+*                                                          *
                         5506+********* END OF SPECIFICATIONS *************************************
                         5507+*                                                          */
                         5508+*%RPLRPL6: ;
                         5509+*/* ISTRPL6X - ACF/VTAM VERSION 3 RELEASE 4                 */
                         5510+*/*                                                        */
                         5511+*/*   COPYRIGHT: LICENSED MATERIALS - PROPERTY OF IBM       */
                         5512+*/*                                                        */
                         5513+*/*              THIS PRODUCT CONTAINS "RESTRICTED MATERIALS OF IBM" */
                         5514+*/*                                                        */
                         5515+*/*              5685-085 (C) COPYRIGHT IBM CORP. 1987, 1991. */
                         5516+*/*              ALL RIGHTS RESERVED.                      */
                         5517+*/*                                                        */
                         5518+*/*              U.S. GOVERNMENT USERS RESTRICTED RIGHTS - */
                         5519+*/*              USE, DUPLICATION OR DISCLOSURE RESTRICTED BY */
                         5520+*/*              GSA ADP SCHEDULE CONTRACT WITH IBM CORP.  */
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                   5521+*/*                                                                  */
                                   5522+*/*              SEE COPYRIGHT INSTRUCTIONS.                         */
                                   5523+*/*                                                                  */
                                   5524+*%GOTO   RPL6DCL;           /*
000000                             5525+ISTRPL6X DSECT                                                       O4-ISTRP
000000                             5526+RPL6AREA DS    OCL112             START OF APPC EXTENSION            O4-ISTRP
000000                             5527+RPL6CBID DS    CL4                CONTROL BLOCK IDENTIFIER           O4-ISTRP
000004                             5528+RPL6REQ  DS    XL1                TYPE OF APPCCMD                    O4-ISTRP
000005                             5529+RPL6QUAL DS    XL1                SUBTYPE OF APPCCMD                 O4-ISTRP
000006                             553O+         DS    XL2                RESERVED                           O4-ISTRP
000008                             5531+RPL6CNVD DS    XL4                CONVERSATION ID                    O4-ISTRP
00000C                             5532+RPL6USR  DS    XL4                USER FIELD                         O4-ISTRP
000010                             5533+RPL6SNSO DS    XL4                SENSE DATA SPECIFIED ON APPCCMD    O4-ISTRP
000014                             5534+RPL6SNSI DS    XL4                SENSE DATA RETURNED BY APPCCMD     O4-ISTRP
000018                             5535+RPL6SGNL DS    XL4                SIGNAL DATA RETURNED               O4-ISTRP
00001C                             5536+RPL6SIDL DS    XL1                LENGTH OF SESSION ID               O4-ISTRP
00001D                             5537+         DS    XL3                RESERVED                           O4-ISTRP
000020                             5538+RPL6SSID DS    XL8                SESSION IDENTIFICATION             O4-ISTRP
000028                             5539+RPL6RC   DS    OXL4               RPL6 RETURN CODE                   O4-ISTRP
000028                             554O+RPL6RCPR DS    XL2                PRIMARY RETURN CODE                O4-ISTRP
00002A                             5541+RPL6RCSC DS    XL2                SECONDARY RETURN CODE              O4-ISTRP
00002C                             5542+RPL6FLGS DS    OXL4               INDICATORS SPECIFIC TO VTAM'S      O4-ISTRP
                                   5543+*                                 APPCCMD MACRO
00002C                             5544+RPL6FLG1 DS    XL1                FIRST INDICATORS BYTE              O4-ISTRP
                         00080     5545+RPL6FILL EQU   X'8O'              FILL INDICATOR                     O4-ISTRP
                         00040     5546+RPL6CD   EQU   X'4O'              CD KEYWORD INDICATION     @P058398 O4-ISTRP
                                   5547+*        EQU   X'2O'              RESERVED                      @Q2C
                         00010     5548+RPL6SLS  EQU   X'1O'              PARTNER LU VERIFICATION            O4-ISTRP
                                   5549+*                                 INDICATOR                     @F2A
                         00008     555O+RPL6CFTX EQU   X'08'              CONFTXT INDICATOR                  O4-ISTRP
                         00006     5551+RPL6LIST EQU   X'06'              SCOPE OF INFORMATION TO BE         O4-ISTRP
                                   5552+*                                 RETURNED IN THE RESTORE COMMAND @B2A
                                   5553+*        EQU   X'01'              RESERVED                      @B2C
00002D                             5554+RPL6FLG2 DS    XL1                SECOND INDICATORS BYTE             O4-ISTRP
                                   5555+*        EQU   X'FO'              RESERVED
                         0000C     5556+RPL6TYPE EQU   X'0C'              TYPE INDICATOR                     O4-ISTRP
                                   5557+*        EQU   X'03'              RESERVED
00002E                             5558+RPL6FLG3 DS    XL1                THIRD INDICATORS BYTE              O4-ISTRP
                         00080     5559+RPL6LOCK EQU   X'8O'              LOCKS INDICATOR                    O4-ISTRP
                         00060     556O+RPL6DERC EQU   X'6O'              DEACTIVATION REASON CODE  @Q1A     O4-ISTRP
                                   5561+*        EQU   X'1O'              RESERVED                  @Q1C
                         0000C     5562+RPL6CMOD EQU   X'0C'              CONMODE INDICATOR                  O4-ISTRP
                         00003     5563+RPL6LAST EQU   X'03'              LAST INDICATOR            @F4A     O4-ISTRP
00002F                             5564+RPL6FLG4 DS    XL1                FOURTH INDICATORS BYTE             O4-ISTRP
                                   5565+*        EQU   X'FF'              RESERVED
000030                             5566+RPL6LU   DS    CL8                NAME OF LU                         O4-ISTRP
000038                             5567+RPL6MODE DS    CL8                MODE NAME                          O4-ISTRP
000040                             5568+RPL6WHAT DS    OXL2                                                  O4-ISTRP
000040                             5569+RPL6RCV1 DS    XL1                WHAT RECEIVED INDICATOR            O4-ISTRP
                         00080     557O+RPL6WDAT EQU   X'8O'              WHATRCV=DATA                       O4-ISTRP
                         00040     5571+RPL6WDAC EQU   X'4O'              WHATRCV=DATA_COMPLETE              O4-ISTRP
                         00020     5572+RPL6WDAI EQU   X'2O'              WHATRCV=DATA_INCOMPLETE            O4-ISTRP
                         00010     5573+RPL6WSND EQU   X'1O'              WHATRCV=SEND                       O4-ISTRP
                         00008     5574+RPL6WCFM EQU   X'08'              WHATRCV=CONFIRM                    O4-ISTRP
                         00004     5575+RPL6WDAL EQU   X'04'              WHATRCV=DEALLOCATE                 O4-ISTRP
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                           00002  5576+RPL6WLOG EQU   X'02'             WHATRCV=LOG_DATA            @P051251  04-ISTRP
                           00001  5577+RPL6WPSH EQU   X'01'             WHATRCV=PS_HEADER             @F3A    04-ISTRP
000041                            5578+RPL6RCV2 DS    XL1               RESERVED FOR BIT MASK FOR THE         04-ISTRP
                           00080  5579+RPL6WPSI EQU   X'80'             WHATRCV=PARTIAL_PS_HEADER     @F3A    04-ISTRP
                                  5580+*        EQU   X'7F'             NOT USED                      @F3C
000042                            5581+RPL6RTUN DS    XL1               RETURNED INDICATORS AS                04-ISTRP
                                  5582+*                                A RESULT OF APPCCMD
                           00080  5583+RPL6RMH5 EQU   X'80'             FMH5RCV INDICATOR                     04-ISTRP
                           00040  5584+RPL6RLOG EQU   X'40'             LOGRCV INDICATOR                      04-ISTRP
                           00020  5585+RPL6RSIG EQU   X'20'             SIGRCV INDICATOR                      04-ISTRP
                           00010  5586+RPL6CLSA EQU   X'10'             PARTNER LU ACCEPTS SECURITY           04-ISTRP
                                  5587+*                                SUBFIELDS ON FMH5           @P052802
                           00008  5588+RPL6AVFA EQU   X'08'             PARTNER LU ACCEPTS REQUESTS FOR       04-ISTRP
                                  5589+*                                ALREADY VERIFIED              @F1A
                           00004  5590+RPL6PV   EQU   X'04'             PARTNER LU ACCEPTS REQUESTS FOR       04-ISTRP
                                  5591+*                                PERSISTENT VERIFICATION       @B3C
                           00003  5592+RPL6CRYP EQU   X'03'             ENCRYPTION LEVEL              @B1A    04-ISTRP
000043                            5593+RPL6MH5L DS    XL1               LENGTH OF THE FMH 5 RECEIVED          04-ISTRP
000044                            5594+RPL6CCST DS    XL1               CURRENT CONVERSATION STATE    @F3A    04-ISTRP
000045                            5595+RPL6ACTV DS    XL1               RPL6 ACTIVE INDICATOR                 04-ISTRP
                                  5596+*                                FF=ACTIVE / 00=INACTIVE
000046                            5597+RPL6DETP DS    XL1               DEACTIVATION TYPE CODE        @Q1A    04-ISTRP
000047                            5598+         DS    XL1               RESERVED                      @Q1C    04-ISTRP
000048                            5599+RPL6TID  DS    0A                TASK ID                               04-ISTRP
000048                            5600+RPL6MID  DS    XL2               MACHINE ID                            04-ISTRP
00004A                            5601+RPL6TIX  DS    XL2               TASK INDEX OF CURRENTLY               04-ISTRP
                                  5602+*                                EXECUTING TASK
00004C                            5603+RPL6RPL  DS    A                 POINTER BACK TO THE RPL               04-ISTRP
000050                            5604+RPL6STBF DS    A                 POINTER TO CURRENT BUFFER   @P043961 04-ISTRP
                                  5605+*                                AT STORAGE SHORTAGE         @P043961
000054                            5606+RPL6STDS DS    A                 DISPLACEMENT IN CURRENT     @P043961 04-ISTRP
                                  5607+*                                BUFFER AT STORAGE SHORTAGE  @P043961
000058                            5608+RPL6DEB  DS    A                 DOS ONLY - THIS FIELD REPLACES THE    04-ISTRP
                                  5609+*                                C6RPLDEB FIELD IN THE CRPL6.  IT
                                  5610+*                                CONTAINS THE ACDEB ADDRESS AND IS
                                  5611+*                                VTAM'S INTERNAL USE ONLY    @R507001
00005C                            5612+         DS    XL20              RESERVED                    @R507001 04-ISTRP
                           00070  5613+RPL6END  EQU   *                 END OF RPL6                           04-ISTRP
                                  5614+*********************************************************************
                                  5615+*                                                                   *
                                  5616+*   THE FOLLOWING CONSTANT VALUES ARE THOSE SPECIFIED IN THE         *
                                  5617+*   EXPEDITED DATA FLOW CONTROL RU "SIGNAL".                        *
                                  5618+*                                                                   *
                                  5619+*********************************************************************
                           10001  5620+RPL6SIG1 EQU   X'00010001'         SIGNAL DATA RETURNED TO APPLICATION  04-ISTRP
                                  5621+*********************************************************************
                                  5622+*                                                                   *
                                  5623+*   THE FOLLOWING CONSTANT IS DEFINED AS A SYMBOLIC REFERENCE       *
                                  5624+*   TO THE APPC CONTROL BLOCK ID (RPL6).                            *
                                  5625+*                                                                   *
                                  5626+*********************************************************************
                        C1D7D7C3  5627+RPL6ID   EQU   C'APPC'             APPC CONTROL BLOCK ID                 04-ISTRP
                                  5628+*
                                  5629+*********************************************************************
                                  5630+*                                                                   *
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                  5631+*   THE FOLLOWING CONSTANT VALUES WILL BE RECORDED IN RPL6REQ.        *
                                  5632+*   THEY REPRESENT THE "CONTROL=" VALUE.                              *
                                  5633+*                                                                     *
                                  5634+*******************************************************************
                          00010   5635+RPL6ALLC EQU   X'10'              ALLOC                               04-ISTRP
                          00020   5636+RPL6RSRV EQU   X'20'              RESETRCV                            04-ISTRP
                          00030   5637+RPL6DEAL EQU   X'30'              DEALLOC                             04-ISTRP
                          00040   5638+RPL6OPER EQU   X'40'              OPRCNTL                             04-ISTRP
                          00050   5639+RPL6PREC EQU   X'50'              PREPRCV                             04-ISTRP
                          00060   5640+RPL6RFH5 EQU   X'60'              RCVFMH5                             04-ISTRP
                          00070   5641+RPL6RCV  EQU   X'70'              RECEIVE                             04-ISTRP
                          00080   5642+RPL6RJCT EQU   X'80'              REJECT                              04-ISTRP
                          00090   5643+RPL6SEND EQU   X'90'              SEND                                04-ISTRP
                          000A0   5644+RPL6SETS EQU   X'A0'              SETSESS                       @F4A  04-ISTRP
                                  5645+*******************************************************************
                                  5646+*                                                                    *
                                  5647+*   THE FOLLOWING CONSTANT VALUES WILL BE RECORDED IN RPL6QUAL.      *
                                  5648+*   THEY REPRESENT THE "QUALIFY=" VALUE.                             *
                                  5649+*                                                                    *
                                  5650+*******************************************************************
                          00000   5651+RPL6NQUA EQU   X'00'              UNDEFINED QUALIFY         @P030472 04-ISTRP
                          00001   5652+RPL6APRG EQU   X'01'              ABNDPROG                            04-ISTRP
                          00002   5653+RPL6ASRV EQU   X'02'              ABNDSERV                            04-ISTRP
                          00003   5654+RPL6ATIM EQU   X'03'              ABNDTIME                            04-ISTRP
                          00004   5655+RPL6AUSR EQU   X'04'              ABNDUSER                            04-ISTRP
                          00005   5656+RPL6ANY  EQU   X'05'              ANY                                 04-ISTRP
                          00006   5657+RPL6CNOS EQU   X'06'              CNOS                                04-ISTRP
                          00007   5658+RPL6CFRM EQU   X'07'              CONFIRM                             04-ISTRP
                          00008   5659+RPL6CFMD EQU   X'08'              CONFRMD                             04-ISTRP
                          00009   5660+RPL6DATA EQU   X'09'              DATA                                04-ISTRP
                          0000A   5661+RPL6DCON EQU   X'0A'              DATACON                             04-ISTRP
                          0000B   5662+RPL6DFLU EQU   X'0B'              DATAFLU                             04-ISTRP
                          0000C   5663+RPL6DFIN EQU   X'0C'              DEFINE                              04-ISTRP
                          0000D   5664+RPL6DSPY EQU   X'0D'              DISPLAY                             04-ISTRP
                          0000E   5665+RPL6ERR  EQU   X'0E'              ERROR                               04-ISTRP
                          0000F   5666+RPL6FLSH EQU   X'0F'              FLUSH                               04-ISTRP
                          00010   5667+RPL6RQSD EQU   X'10'              RQSEND                              04-ISTRP
                          00011   5668+RPL6SPEC EQU   X'11'              SPEC                                04-ISTRP
                          00012   5669+RPL6ACT  EQU   X'12'              ACTSESS                             04-ISTRP
                          00013   5670+RPL6DACT EQU   X'13'              DACTSESS                            04-ISTRP
                          00014   5671+RPL6ALCD EQU   X'14'              ALLOCD                              04-ISTRP
                          00015   5672+RPL6IMED EQU   X'15'              IMMED                               04-ISTRP
                          00016   5673+RPL6CWIN EQU   X'16'              CONWIN                        @F1A  04-ISTRP
                          00017   5674+RPL6SESN EQU   X'17'              SESSION                       @F3A  04-ISTRP
                          00018   5675+RPL6CONV EQU   X'18'              CONV                          @F3A  04-ISTRP
                          00019   5676+RPL6SUSP EQU   X'19'              SUSPEND                       @F4A  04-ISTRP
                          0001A   5677+RPL6RESM EQU   X'1A'              RESUME                        @F4A  04-ISTRP
                          0001B   5678+RPL6REST EQU   X'1B'              RESTORE                       @B2A  04-ISTRP
                          0001C   5679+RPL6SYNB EQU   X'1C'              SYNCBEG                       @V1A  04-ISTRP
                          0001D   5680+RPL6SYNE EQU   X'1D'              SYNCEND                       @V1A  04-ISTRP
                                  5681+*******************************************************************
                                  5682+*                                                                    *
                                  5683+*   THE FOLLOWING CONSTANT VALUES WILL BE RECORDED IN RPL6FILL.      *
                                  5684+*   THEY REPRESENT THE "FILL=" VALUE.                                *
                                  5685+*                                                                    *
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98
                                  5686+*****************************************************************************
                      00000       5687+RPL6BUFF EQU   X'00'               BUFF                                    04-ISTRP
                      00080       5688+RPL6LL   EQU   X'80'               LL                                      04-ISTRP
                                  5689+*****************************************************************************
                                  5690+*                                                                 @P058398 *
                                  5691+*   THE FOLLOWING CONSTANT VALUES WILL BE RECORDED IN RPL6CD       @P058398 *
                                  5692+*   THEY REPRESENT THE "CD=" VALUE                                @P058398 *
                                  5693+*                                                                 @P058398 *
                                  5694+*****************************************************************************
                      00000       5695+RPL6CDIM EQU   X'00'               "CD=IMMED"              @P058398        04-ISTRP
                      00040       5696+RPL6CDDE EQU   X'40'               "CD=DEFER"              @P058398        04-ISTRP
                                  5697+*****************************************************************************
                                  5698+*                                                                         *
                                  5699+*   THE FOLLOWING CONSTANT VALUES WILL BE RECORDED IN RPL6CFTX.           *
                                  5700+*   THEY REPRESENT THE "CONFTXT=" VALUE.                                  *
                                  5701+*                                                                         *
                                  5702+*****************************************************************************
                      00008       5703+RPL6CFT  EQU   X'08'               YES                                     04-ISTRP
                      00000       5704+RPL6NCFT EQU   X'00'               NO                                      04-ISTRP
                                  5705+*****************************************************************************
                                  5706+*                                                                         *
                                  5707+*   THE FOLLOWING CONSTANT VALUES WILL BE RECORDED IN RPL6TYPE.           *
                                  5708+*   THEY REPRESENT THE "TYPE=" VALUE.                                     *
                                  5709+*                                                                         *
                                  5710+*****************************************************************************
                      0000C       5711+RPL6TBIT EQU   X'0C'               TYPE BITS POSITION                      04-ISTRP
                      0000C       5712+RPL6USER EQU   X'0C'               USER                                    04-ISTRP
                      00004       5713+RPL6PRGM EQU   X'04'               PROGRAM                                 04-ISTRP
                      00008       5714+RPL6SVC  EQU   X'08'               SERVICE                                 04-ISTRP
                                  5715+*****************************************************************************
                                  5716+*                                                                         *
                                  5717+*   THE FOLLOWING CONSTANT VALUES WILL BE RECORDED IN RPL6LOCK.           *
                                  5718+*   THEY REPRESENT THE "LOCKS=" VALUE.                                    *
                                  5719+*                                                                         *
                                  5720+*****************************************************************************
                      00000       5721+RPL6LONG EQU   X'00'               LONG                                    04-ISTRP
                      00080       5722+RPL6SHRT EQU   X'80'               SHORT                                   04-ISTRP
                                  5723+*****************************************************************************
                                  5724+*                                                                         *
                                  5725+*   THE FOLLOWING CONSTANT VALUES WILL BE RECORDED IN RPL6DERC.           *
                                  5726+*                                                                         *
                                  5727+*****************************************************************************
                      00000       5728+RPL6RNRM EQU   X'00'               NORMAL                  @Q4C            04-ISTRP
                      00040       5729+RPL6RABN EQU   X'40'               ABNORMAL                @Q4C            04-ISTRP
                      00060       5730+RPL6RANR EQU   X'60'               ABNORMAL, NORETRY       @Q4C            04-ISTRP
                                  5731+*****************************************************************************
                                  5732+*                                                                         *
                                  5733+*   THE FOLLOWING CONSTANT VALUES WILL BE RECORDED IN RPL6CMOD.           *
                                  5734+*   THEY REPRESENT THE "CONMODE=" VALUE.                                  *
                                  5735+*                                                                         *
                                  5736+*****************************************************************************
                      0000C       5737+RPL6CBIT EQU   X'0C'               CONMODE BITS POSITION                   04-ISTRP
                      00000       5738+RPL6LLCA EQU   X'00'               LLCA                                    04-ISTRP
                      00004       5739+RPL6BFCA EQU   X'04'               BUFFCA                                  04-ISTRP
                      00008       5740+RPL6CS   EQU   X'08'               CS                                      04-ISTRP
```

```
LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98
                           0000C  5741+RPL6SAME EQU   X'0C'              SAME                                  04-ISTRP
                                  5742+*************************************************************************
                                  5743+*                                                                       *
                                  5744+*   THE FOLLOWING CONSTANT VALUES WILL BE RECORDED IN RPL6LAST.         *
                                  5745+*                                                                       *
                                  5746+*************************************************************************
                           00000  5747+RPL6NLST EQU   X'00'              SESSIONS EXIST FOR THE                04-ISTRP
                                  5748+*                                SPECIFIED MODE                @F4A
                           00001  5749+RPL6LMOD EQU   X'01'              LAST SESSION DEACTIVATED              04-ISTRP
                                  5750+*                                FOR THE SPECIFIED MODE        @F4A
                           00002  5751+RPL6NCTL EQU   X'02'              LAST SESSION DEACTIVATED              04-ISTRP
                                  5752+*                                FOR NON-CONTROL MODES         @F4A
                           00003  5753+RPL6ALL  EQU   X'03'              ALL SESSIONS FOR THIS LU              04-ISTRP
                                  5754+*                                HAVE BEEN DEACTIVATED         @F4A
                                  5755+*************************************************************************
                                  5756+*                                                                       *
                                  5757+*   THE FOLLOWING CONSTANT VALUES WILL BE RECORDED IN RPL6LIST.         *
                                  5758+*                                                                       *
                                  5759+*************************************************************************
                           00000  5760+RPL6LINO EQU   X'00'              NO INFORMATION RETURNED       @B2A    04-ISTRP
                           00002  5761+RPL6LINS EQU   X'02'              LU NAME, MODE NAME, AND LM            04-ISTRP
                                  5762+*                                TABLE INFORMATION RETURNED    @B2A
                           00004  5763+RPL6LIAL EQU   X'04'              ALL INFORMATION IN RESTORE            04-ISTRP
                                  5764+*                                STRUCTURE RETURNED            @B2A
                                  5765+*/************************************************************************/
                                  5766+*                                                                       *
                                  5767+*   THE FOLLOWING CONSTANT VALUES WILL BE RECORDED IN RPL6CCSL.         *
                                  5768+*   THEY REPRESENT THE CURRENT CONVERSATION STATE.                      *
                                  5769+*                                                                       *
                                  5770+*************************************************************************
                           00000  5771+RPL6RSET EQU   X'00'              RESET                         @F3A    04-ISTRP
                           00001  5772+RPL6SND  EQU   X'01'              SEND                          @F3A    04-ISTRP
                           00002  5773+RPL6RECV EQU   X'02'              RECEIVE                       @F3A    04-ISTRP
                           00003  5774+RPL6RVCF EQU   X'03'              RECEIVE CONFIRM               @F3A    04-ISTRP
                           00004  5775+RPL6RVCS EQU   X'04'              RECEIVE CONFIRM SEND          @F3A    04-ISTRP
                           00005  5776+RPL6RVCD EQU   X'05'              RECEIVE CONFIRM DEALLOCATE    @F3A    04-ISTRP
                           00006  5777+RPL6PNDD EQU   X'06'              PEND DEALLOCATE               @F3A    04-ISTRP
                           00007  5778+RPL6PECL EQU   X'07'              PEND END CONVESATION LOG      @F3A    04-ISTRP
                           00008  5779+RPL6ENDC EQU   X'08'              END CONVERSATION              @F3A    04-ISTRP
                           00009  5780+RPL6PNDS EQU   X'09'              PENDING SEND                  @F3A    04-ISTRP
                           0000A  5781+RPL6PRVL EQU   X'0A'              PENDING RCV LOG               @F3A    04-ISTRP
                                  5782+*************************************************************************
                                  5783+*                                                                       *
                                  5784+*   THE FOLLOWING CONSTANT VALUES WILL BE RECORDED IN RPL6DETP.         *
                                  5785+*   THEY REPRESENT THE "DEACTYP=" VALUE.                                *
                                  5786+*                                                                       *
                                  5787+*************************************************************************
                           0000F  5788+RPL6TCLP EQU   X'0F'              CLEANUP                       @Q1A    04-ISTRP
                           000FE  5789+RPL6TPVL EQU   X'FE'              PROTOCOL VIOLATION            @Q1A    04-ISTRP
                                  5790+*************************************************************************
                                  5791+*                                                                       *
                                  5792+*   THE FOLLOWING CONSTANT VALUES WILL BE RECORDED IN RPL6CRYP.         *
                                  5793+*   THEY REPRESENT THE ENCRYPTION LEVEL.                                *
                                  5794+*                                                                       *
                                  5795+*************************************************************************
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                           00000  5796+RPL6CNON EQU   X'00'              NONE                          @B1A   04-ISTRP
                           00001  5797+RPL6CSEL EQU   X'01'              SELECTIVE DATA ENCRYPTION     @B1A   04-ISTRP
                           00003  5798+RPL6CMAN EQU   X'03'              MANDATORY DATA ENCRYPTION     @B1A   04-ISTRP
000078                            5799+IFGRPL   DSECT                    RETURN TO IFGRPL DSECT      @0Y65803 03-ISTRP
                                  5800+*************************************************************************
                                  5801+*                                                                       *
                                  5802+*   THE FOLLOWING CONSTANT VALUES ARE THOSE ALLOWED TO BE RECORDED      *
                                  5803+*   IN "RPLREQ" AND/OR REGISTER 0 WHEN AN APPCCMD MACRO IS ISSUED.      *
                                  5804+*                                                              @R495808*
                                  5805+*************************************************************************
                           00062  5806+RPL6APPC EQU   X'62'              A "RPLREQ" VALUE IN THE RPL THAT      03-ISTRP
                                  5807+*                                 INDICATES THIS IS AN APPCCMD
                                  5808+*                                 (EXCEPT CONTROL=CHECK)
                                  5809+*                                 AND AAREA CONTAINS APPC PARAMETERS
                                  5810+*                                                        @R495808
                           0006C  5811+RPL6CHEK EQU   X'6C'              A VALUE IN THE REGISTER 0 ON AN       03-ISTRP
                                  5812+*                                 API CROSSING THAT INDICATES THAT
                                  5813+*                                 THIS IS A CONTROL=CHECK      @R495808
                                  5814+*************************************************************************
                                  5815+*                                                                       *
                                  5816+*   THE FOLLOWING CONSTANT VALUES ARE THOSE ALLOWED TO BE RECORDED      *
                                  5817+*   IN "RPLREQ" AND/OR REGISTER 0 WHEN A VCNSCMD MACRO IS ISSUED.       *
                                  5818+*                                                              @D1A*
                                  5819+*************************************************************************
                           00032  5820+RPL3VCNS EQU   X'32'              REGISTER 0 AND RPLREQ VALUE           03-ISTRP
                                  5821+*                                 WHEN A VCNSCMD IS ISSUED
                                  5822+*                                 (EXCEPT CONTROL=CHECK)
                                  5823+*                                                              @D1A
                           0003C  5824+RPL3CHEK EQU   X'3C'              REGISTER 0 VALUE WHEN A VCNSCMD       03-ISTRP
                                  5825+*                                 CONTROL=CHECK IS ISSUED
                                  5826+*                                                              @D1A
                                  5827+*
                                  5828+*                                          EXTENSION          @ZA34940
000078                     00078  5829          ORG    ,                  BACK TO END OF RPL                    00500000
                           00070  5830 VRERPLEN EQU    *-VRERPL           LENGTH OF AN RPL                      00510000
000078                            5831          DS     0D                 DOUBLEWORD ALIGNMENT                  00520000
                           00078  5832 VRELEN   EQU    *-VRE              LENGTH OF A VRE                       00530000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                   5834          ISTUSFBC                  INCLUDE FDBK CODE EQUATES            00550000
000000                             5835+ISTUSFBC DSECT                                                          01-ISTUS
                                   5836+*
                                   5837+*************************************************************************
                                   5838+*                                                                       *
                                   5839+*        THE FOLLOWING CODES ARE STORED IN EITHER ''RPLRTNCD'', OR       *
                                   5840+*        ''RPLFDB2'' OR ''RPLFDB3''.  SEE THE INTRODUCTORY COMMENTS     *
                                   5841+*        FOR EACH GROUP FOR FURTHER INFORMATION.                        *
                                   5842+*                                                                       *
                                   5843+*              RPL FIELD NAME           OPERAND OF MANIPULATIVE MACRO   *
                                   5844+*                                                                       *
                                   5845+*              RPLRTNCD                 RTNCD     (FEEDBACK CODE)       *
                                   5846+*              RPLFDB2                  FDBK2     (REASON CODE)         *
                                   5847+*              RPLFDB3                  FDBK      (DATA FLAGS)          *
                                   5848+*                                                                       *
                                   5849+*        IF THE RPLRTNCD IS SET TO X'00' AND THE RPLFDB2 IS SET         *
                                   5850+*        TO X'1A' THEN THE USER SHOULD REFER TO THE FOLLOWING FIELDS    *
                                   5851+*        IN THE RPL6.  THIS IS ADDED FOR APPC/VTAM.                     *
                                   5852+*                                                                       *
                                   5853+*              RPL6 FIELD NAME                                          *
                                   5854+*                                                                       *
                                   5855+*              RPL6RCPR                 PRIMARY RETURN CODE             *
                                   5856+*              RPL6RCSC                 SECONDARY RETURN CODE           *
                                   5857+*                                                                       *
                                   5858+*************************************************************************
                                   5859+*
                                   5860+*
                                   5861+*****    RPLRTNCD         CONTAINS A FEEDBACK CODE.  IF THE RPL     *****
                                   5862+*                          REQUEST IS UNSUCCESSFUL THEN REGISTER        *
                                   5863+*                          ZERO WILL ALSO CONTAIN THIS CODE. FOR A      *
                                   5864+*                          CERTAIN GROUP OF ERRORS, ONLY REGISTER       *
                                   5865+*                          ZERO WILL CONTAIN THE FEEDBACK CODE AND      *
                                   5866+*                          NO FEEDBACK INFORMATION WILL BE PLACED IN    *
                                   5867+*                          THE RPL.                                     *
                                   5868+*                                                                       *
                                   5869+*                          THE FEEDBACK CODE EQUATES ARE AS FOLLOWS:    *
00000                              5870+USFAOK   EQU   X'00'            NORMAL COMPLETION/CONDITIONAL COMPLETION  01-ISTUS
00004                              5871+USFXORDC EQU   X'04'            EXTRAORDINARY COMPLETION                 01-ISTUS
00008                              5872+USFRESSU EQU   X'08'            REISSUE THIS REQUEST                     01-ISTUS
0000C                              5873+USFDAMGE EQU   X'0C'            DAMAGE - INTEGRITY OF REQUEST/DEVICE     01-ISTUS
00010                              5874+USFENVER EQU   X'10'            ENVIRONMENT ERROR                        01-ISTUS
00014                              5875+USFLOGIC EQU   X'14'            USER LOGIC ERROR                         01-ISTUS
00018                              5876+USFRLGIC EQU   X'18'            USER LOGIC ERROR - SETONLY IN REG ZERO   01-ISTUS
0001C                              5877+USF6IVR6 EQU   X'1C'            INVALID RPL6 - SETONLY IN REGOO @R495808 01-ISTUS
00020                              5878+USF6CHEK EQU   X'20'            RPL/RPL6 IN WRONG STATE - SET ONLY IN    01-ISTUS
                                   5879+*                                 REGOO                        @R495808
00024                              5880+USF6WRCK EQU   X'24'            WRONG CHECK MACRO ISSUED - SET ONLY IN   01-ISTUS
                                   5881+*                                 REGOO                        @R495808
00028                              5882+USF3CHEK EQU   X'28'            RPL/RPL3 IN WRONG STATE - SET ONLY IN    01-ISTUS
                                   5883+*                                 REGOO                          @D1A
0002C                              5884+USF3WRCK EQU   X'2C'            WRONG CHECK MACRO ISSUED - SET ONLY IN   01-ISTUS
                                   5885+*                                 REGOO                          @D1A
                                   5886+*
```

```
LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98
                                 5888+*
                                 5889+*************************************************************************
                                 5890+*                                                                       *
                                 5891+*        RPLFDB2         CONTAINS A REASON CODE.  THIS REASON CODE      *
                                 5892+*                        INDICATES ADDITIONAL INFORMATION ABOUT THE     *
                                 5893+*                        FEEDBACK CODE.                                 *
                                 5894+*                                                                       *
                                 5895+*****    REASON CODE EQUATES FOR RPLFDB2 IF RPLRTNCD EQUALS X'00' *****
                                 5896+*                                                                       *
                        00000    5897+USFA00K  EQU   X'00'          OPERATION SUCCESSFULLY COMPLETED           01-ISTUS
                        00001    5898+USFRCWNP EQU   X'01'          RESET CONDITIONAL WAS NO-OPED              01-ISTUS
                        00002    5899+USFRCDPR EQU   X'02'          RESET CONDITIONAL SUCCESSFUL -             01-ISTUS
                                 5900+*                             READ-AHEAD DATA PRESENT
                        00003    5901+USFYTCTN EQU   X'03'          YIELDED TO CONTENTION                      01-ISTUS
                        00004    5902+USFYTCTL EQU   X'04'          YIELDED TO CONTENTION, ERROR LOCK SET      01-ISTUS
                        00005    5903+USFATSFI EQU   X'05'          AREA TOO SMALL FOR INQUIRE/INTERPRET       01-ISTUS
                        00006    5904+USFNOIN  EQU   X'06'          NO INPUT AVAILABLE                         01-ISTUS
                        00007    5905+USFIIINA EQU   X'07'          INQUIRE INFORMATION NOT AVAILABLE          01-ISTUS
                        00008    5906+USFDSTIU EQU   X'08'          DESTINATION IN USE                         01-ISTUS
                        00009    5907+USFNLGFA EQU   X'09'          NO LOGON FOUND FOR ACCEPT MATCH            01-ISTUS
                        0000A    5908+USFANC   EQU   X'0A'                                        @R488902    01-ISTUS
                        0000B    5909+USF6APPC EQU   X'0B'          INDICATES THAT AN ERROR OCCURRED RUNNING   01-ISTUS
                                 5910+*                             APPC, AND REFER TO THE RPL6 PRIMARY AND
                                 5911+*                             SECONDARY RETURN CODES          @R495808
                        0000C    5912+USF3VCNS EQU   X'0C'          CONDITIONAL COMPLETION FOR VCNSCMD  @D1A   01-ISTUS
                        0000D    5913+USFINQPS EQU   X'0D'          MORE SESSIONS PENDING RECOVERY ON          01-ISTUS
                                 5914+*                             WHICH TO INQUIRE                  @B2A
                                 5915+*                                                                       *
                                 5916+*        IF, FOLLOWING A SYNCHRONOUS RPL REQUEST MACRO OR CHECK         *
                                 5917+*        MACRO, REGISTER 15 CONTAINS X'00' THEN REGISTER ZERO WILL      *
                                 5918+*        CONTAIN ONE OF THE ABOVE REASON CODE VALUES                    *
                                 5919+*                                                                       *
                                 5920+*
                                 5921+*****    REASON CODE EQUATES FOR RPLFDB2 IF RPLRTNCD EQUALS X'04' *****
                                 5922+*
                        00000    5923+USFRVIRC EQU   X'00'          RVI RECEIVED, ERROR LOCK SET               01-ISTUS
                        00001    5924+USFATNRC EQU   X'01'          ATTENTION RECEIVED, ERROR LOCK SET         01-ISTUS
                        00002    5925+USFBSCSM EQU   X'02'          BSC STATUS MSG RECEIVED                    01-ISTUS
                        00003    5926+USFEXRQ  EQU   X'03'          EXCEPTION REQUEST RECEIVED                 01-ISTUS
                        00004    5927+USFEXRS  EQU   X'04'          EXCEPTION RESPONSE RECEIVED                01-ISTUS
                                 5928+*
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98
                                  5930+*
                                  5931+*****    REASON CODE EQUATES FOR RPLFDB2 IF RPLRTNCD EQUALS X'08' *****
                                  5932+*
                          00000   5933+USFSTALF EQU   X'00'          TEMPORARY OUT OF STORAGE SITUATION EXISTS 01-ISTUS
                                  5934+*                            RPL ECB/EXIT NOT POSTED/INVOKED         *
                                  5935+*
                                  5936+*
                                  5937+*****    REASON CODE EQUATES FOR RPLFDB2 IF RPLRTNCD EQUALS X'0C' *****
                                  5938+*
                          00000   5939+USFIOEDU EQU   X'00'          I/O ERROR, DEVICE STILL USABLE ER LK SET  01-ISTUS
                          00001   5940+USFDVUNS EQU   X'01'          I/O ERROR, DEVICE NOT USABLE ER LCK SET   01-ISTUS
                          00002   5941+USFUNTRM EQU   X'02'          REQUEST RESET BY TEST REQUEST MESSAGE     01-ISTUS
                          00003   5942+USFBTHEX EQU   X'03'          BUFFER THRESHOLD EXCEEDED                 01-ISTUS
                          00004   5943+USFBTEOR EQU   X'04'          BUF THRESHOLD EXCEEDED, ONLY READS ALLOW  01-ISTUS
                          00005   5944+USFNCPAD EQU   X'05'          NCP ABENDED, RESTART O.K.                 01-ISTUS
                          00006   5945+USFLIORP EQU   X'06'          LAST I/O REQUEST PURGED                   01-ISTUS
                          00007   5946+USFRECIP EQU   X'07'          RECOVERY IN PROGRESS                      01-ISTUS
                          00008   5947+USFRTRAF EQU   X'08'          RECORD TERMINAL RESTARTED AFTER FAILURE   01-ISTUS
                          00009   5948+USFQOPDC EQU   X'09'          QUEUED OPNDST CANCELLED BY CLSDST         01-ISTUS
                          0000A   5949+USFUSRES EQU   X'0A'          REQUEST RESET BY THE USER                 01-ISTUS
                          0000B   5950+USFCLOCC EQU   X'0B'          CLSDST OR TERMSESS ISSUED OR UNBIND SENT  01-ISTUS
                                  5951+*                            IN LIEU OF NEGATIVE BIND RESPONSE
                                  5952+*                                                      @R500011
                          0000C   5953+USFCLRED EQU   X'0C'          REQUEST WAS CLEAR''ED                     01-ISTUS
                          0000D   5954+USFPREXC EQU   X'0D'          SEND CANCELLED DUE PRIOR EXCEPTION COND.  01-ISTUS
                          0000E   5955+USFPOQLE EQU   X'0E'          SEND CANCELLED DUE POA QUEUE LIMIT  @01A  01-ISTUS
                                  5956+*
                                  5957+*
                                  5958+*
                                  5959+*****    REASON CODE EQUATES FOR RPLFDB2 IF RPLRTNCD EQUALS X'10' *****
                                  5960+*
                          00000   5961+USFTANAV EQU   X'00'          TERMINAL OR APPLICATION NOT AVAILABLE     01-ISTUS
                          00001   5962+USFSBFAL EQU   X'01'          SESSION BIND FAILED                       01-ISTUS
                          00002   5963+USFTAPUA EQU   X'02'          TARGET APPLICATION UNACCEPTABLE           01-ISTUS
                          00003   5964+USFVTHAL EQU   X'03'          VTAM IS HALTING                           01-ISTUS
                          00004   5965+USFILRS  EQU   X'04'          INCOMPATIBLE DEFINITION                   01-ISTUS
                          00005   5966+USFPCF   EQU   X'05'          PERMANENT FAILURE IN PATH                 01-ISTUS
                          00006   5967+USFANS   EQU   X'06'          AUTO NETWORK SHUTDOWN                     01-ISTUS
                          00007   5968+USFVOFOC EQU   X'07'          VARY DEACTIVATE IMMEDIATE OCCURRED        01-ISTUS
                          00008   5969+USFDISCO EQU   X'08'          DISCONNECT OCCURRED                       01-ISTUS
                          00009   5970+USFUTSCR EQU   X'09'          UNCONDITIONAL TERMINATE SELF CMD RECEIVED 01-ISTUS
                          0000A   5971+USFSYERR EQU   X'0A'          APPARENT VTAM ERROR                       01-ISTUS
                          0000B   5972+USFDIDOL EQU   X'0B'          DISCONNECT ON DIAL-OUT LINE               01-ISTUS
                          0000C   5973+USFDIDIL EQU   X'0C'          DISCONNECT ON DIAL-IN LINE                01-ISTUS
                                  5974+*    NOTE - X'0D' AND X'0E' - RPL ECB/EXIT NOT POSTED/INVOKED         *
                          0000D   5975+USFVTMNA EQU   X'0D'          VTAM INACTIVE FOR THAT APPLICATION        01-ISTUS
                          0000E   5976+USFABNDO EQU   X'0E'          ABEND CONDITION HAS OCCURRED              01-ISTUS
                                  5977+*                                                                    *
                          0000F   5978+USFVTBFO EQU   X'0F'          VTAM BUFFER OVERFLOW                      01-ISTUS
                          00010   5979+USFCTERM EQU   X'10'          CONDITIONAL TERM SELF                     01-ISTUS
                          00011   5980+USFOSDTF EQU   X'11'          SDT FAILURE ON OPNDST                     01-ISTUS
                          00012   5981+USFMFF   EQU   X'12'          MACRO FUNCTION FAILED,SENSE INCLUDED      01-ISTUS
                          00013   5982+USF6APRJ EQU   X'13'          ATTEMPT TO START 6.2 SESSION: REQUEST     01-ISTUS
                                  5983+*                             REJECTED                    @R495808
                          00014   5984+USF6APST EQU   X'14'          ATTEMPT TO START 6.2 SESSION: PENDING     01-ISTUS
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                  5985+*                                SESSION TERMINATED              @R495808
                          00015   5986+USF6APIS EQU   X'15'            MUST ISSUE APPCCMD              @R495808 01-ISTUS
                          00016   5987+USFNONSW EQU   X'16'            SWITCHED OPERATION ATTEMPTED ON          01-ISTUS
                                  5988+*                                NONSWITCHED DEVICE                @B3A
                          00017   5989+USFNOCRY EQU   X'17'            ENCRYPTION REQUESTED WHEN SESSION    @X3A 01-ISTUS
                                  5990+*                               DOES NOT SUPPORT CRYPTOGRAPHY        @X3A
                          0001A   5991+USFXMEMS EQU   X'1A'            CROSS MEMORY SUSPEND FAILURE  SYNCH SRB   01-ISTUS
                                  5992+*                                                                    @N2A
                          0001B   5993+USFXMEMR EQU   X'1B'            CROSS MEMORY RESUME FAILURE           @N2A 01-ISTUS
                                  5994+*
```

LOC OBJECT CODE ADDR1 ADDR2 STMT SOURCE STATEMENT ASM H V 02 15.46 09/01/98

```
                        5996+*
                        5997+*****    REASON CODE EQUATES FOR RPLFDB2 IF RPLRTNCD EQUALS X'14' *****
                        5998+*
00000                   5999+USFNONVR EQU   X'00'          RPL CONTAINS A NON-VTAM REQUEST CODE      01-ISTUS
                        6000+*                             RPL ECB/EXIT NOT POSTED/INVOKED         *
00001                   6001+USFNOTAS EQU   X'01'     NOT ASSIGNED                                   01-ISTUS
00002                   6002+USFEXTAZ EQU   X'02'          RPL INDICATES EXIT, EXIT ADDR IS ZERO     01-ISTUS
                        6003+*                             RPL ECB/EXIT NOT POSTED/INVOKED         *
00003                   6004+USFEXTEZ EQU   X'03'          RPL IND EXTERNAL ECB, ECB ADDR IS ZERO    01-ISTUS
                        6005+*                             RPL ECB/EXIT NOT POSTED/INVOKED         *
00004                   6006+USFCRPLN EQU   X'04'          CHECKED RPL IS NOT ACTIVE                 01-ISTUS
                        6007+*                        ONLY OCCURS FOLLOWING A CHECK MACRO REQUEST  *
00010                   6008+USFCBERR EQU   X'10'          RPL POINTS TO INVALID ACB                 01-ISTUS
00011                   6009+USFRNORT EQU   X'11'          NO RTYPE SPECIFIED                        01-ISTUS
00012                   6010+USFCLSIP EQU   X'12'          CLSDST IN PROGRESS                        01-ISTUS
00013                   6011+USFCIDNG EQU   X'13'          CID IS INVALID                            01-ISTUS
00014                   6012+USFILDOP EQU   X'14'          LDO COMMAND FIELD IS INVALID              01-ISTUS
00015                   6013+USFWANCR EQU   X'15'          READ NOT CHAINED                          01-ISTUS
00016                   6014+USFSTOOD EQU   X'16'          SOLICIT SPECIFIC TO OUTPUT ONLY DEVICE    01-ISTUS
00017                   6015+USFRTOOD EQU   X'17'          READ TO OUTPUT ONLY DEVICE                01-ISTUS
00018                   6016+USFWTOI  EQU   X'18'          WRITE TO INPUT ONLY DEVICE                01-ISTUS
00019                   6017+USFEWNS  EQU   X'19'          ERASE TO INVALID DEVICE                   01-ISTUS
0001A                   6018+USFEWAU3 EQU   X'1A'          WRITE EAU TO NON-3270                     01-ISTUS
0001B                   6019+USFCWTOO EQU   X'1B'          WRITE CONV TO OUTPUT ONLY                 01-ISTUS
0001C                   6020+USFCWB   EQU   X'1C'          WRITE WITH ERASE AND CONV SPECIFIED       01-ISTUS
0001D                   6021+USFCCCPY EQU   X'1D'          CHAINED COPY LDO                          01-ISTUS
0001E                   6022+USFIDA   EQU   X'1E'          INVALID DATA AREA OR LENGTH               01-ISTUS
0001F                   6023+USFILDOA EQU   X'1F'          INVALID LDO ADDRESS                       01-ISTUS
00020                   6024+USFJTOJ  EQU   X'20'          JUMP LDO TO JUMP                          01-ISTUS
00021                   6025+USFMT100 EQU   X'21'          MORE THAN 100 LDOS                        01-ISTUS
00022                   6026+USFRILCP EQU   X'22'          RESET LDO IS NOT ALONE                    01-ISTUS
00023                   6027+USFCRIRT EQU   X'23'          INVALID MACRO REQUEST TYPE                01-ISTUS
00024                   6028+USFASIDE EQU   X'24'          ASID MISMATCH                  @ZM46661   01-ISTUS
00025                   6029+USFEWBLK EQU   X'25'          WRITE ERASE BLOCK                         01-ISTUS
00026                   6030+USFCRSDC EQU   X'26'          SOLICIT LDO WITH DATA CHAINING            01-ISTUS
00027                   6031+USFIREST EQU   X'27'          RESET OPTION CODE INVALID                 01-ISTUS
00028                   6032+USFWBT32 EQU   X'28'          WRITE BLOCK TO 3270 DEVICE                01-ISTUS
00029                   6033+USFRMD32 EQU   X'29'          READ MODIFIED TO NON-3270 DEVICE          01-ISTUS
0002A                   6034+USFCTN32 EQU   X'2A'          COPY TO NON-3270 DEVICE                   01-ISTUS
0002B                   6035+USFWCNVR EQU   X'2B'          WRITE CONV ISSUED WHEN DATA EXPECTED      01-ISTUS
0002C                   6036+USFRNFT3 EQU   X'2C'          OUTPUT NOT PRECEDED BY INPUT              01-ISTUS
0002D                   6037+USFRCINV EQU   X'2D'          RESET CONDITIONAL ILLEGAL                 01-ISTUS
0002E                   6038+USFINVRM EQU   X'2E'          INVALID READ MODE                         01-ISTUS
0002F                   6039+USFLGCNT EQU   X'2F'          EXCESSIVE LEADING GRAPHICS, ERROR LK SET  01-ISTUS
00030                   6040+USFCPCNT EQU   X'30'          COPY COUNT ERROR                          01-ISTUS
00031                   6041+USFIDAEL EQU   X'31'          INVALID DATA AREA OR LENGTH, ERROR LK SET 01-ISTUS
00032                   6042+USFUSELE EQU   X'32'          REQUEST INVALID FOR DEVICE, ERROR LK SET  01-ISTUS
00033                   6043+USFCRNF  EQU   X'33'          CONV. REPLY NOT POSSIBLE, ERROR LOCK SET  01-ISTUS
00034                   6044+USFNORD  EQU   X'34'          NO READ WHERE REQUIRED, ERROR LOCK SET    01-ISTUS
00035                   6045+USFCPYE2 EQU   X'35'          COPY WRONG CLUSTER, ERROR LOCK SET        01-ISTUS
00036                   6046+USFRELNP EQU   X'36'          REQUEST LOCK NOT ALLOWED, ERROR LOCK SET  01-ISTUS
00037                   6047+USFCPYE1 EQU   X'37'          COPY UNOPENED DEVICE, ERROR LOCK SET      01-ISTUS
00038                   6048+USFDFIBH EQU   X'38'          FIRST I/O FAILED INVALID BHSET, ER LK SET 01-ISTUS
00039                   6049+USFDFIPO EQU   X'39'          FIRST I/O FAILED INVALID PROC, ER LK SET  01-ISTUS
0003A                   6050+USFQSCIE EQU   X'3A'          QUIESCE IN EFFECT                         01-ISTUS
```

LOC OBJECT CODE ADDR1 ADDR2 STMT SOURCE STATEMENT ASM H V 02 15.46 09/01/98

```
                        0003B  6051+USFREXAL EQU   X'3B'      RESPOND = EX ALONE IN RPL                        01-ISTUS
                        0003C  6052+USFSDNP  EQU   X'3C'      POST = SCHED STILL OUTSTANDING                   01-ISTUS
                        0003D  6053+USFSCEM  EQU   X'3D'      CHAINING ERROR: MIDDLE OR LAST REQUIRED          01-ISTUS
                        0003E  6054+USFSCEF  EQU   X'3E'      CHAINING ERROR: FIRST OR ONLY REQUIRED           01-ISTUS
                        0003F  6055+USFSNQC  EQU   X'3F'      QUIESCE COMPLETE RESPONSE NOT REQUESTED          01-ISTUS
                        00040  6056+USFSINVC EQU   X'40'      INVALID CONTROL = OPTION                         01-ISTUS
                        00041  6057+USFSDFR  EQU   X'41'      NO START DATA TRAFFIC IN EFFECT                  01-ISTUS
                        00042  6058+USFSNOS  EQU   X'42'      CONTROL RESPONSE INVALID                         01-ISTUS
                        00043  6059+USFSNOUT EQU   X'43'      SEND RESPONSE NOT REQUESTED                      01-ISTUS
                        00044  6060+USFLIMEX EQU   X'44'      NIB RESPLIM EXCEEDED                             01-ISTUS
                        00045  6061+USFSSEQ  EQU   X'45'      SEQUENCE NUMBER ERROR                            01-ISTUS
                        00046  6062+USFSINVS EQU   X'46'      RESPOND = OPTION MISMATCH                        01-ISTUS
                        00047  6063+USFSINVR EQU   X'47'      RESP = OPTION INVALID FOR POST = RESP            01-ISTUS
                        00048  6064+USFINVRT EQU   X'48'      PROTOCOL VIOLATION                               01-ISTUS
                        00049  6065+USFACINV EQU   X'49'      INVALID ACTION TYPE                              01-ISTUS
                        0004A  6066+USFICNDN EQU   X'4A'      INSTALLATION EXIT ROUTINE N/A                    01-ISTUS
                        0004B  6067+USFILSIN EQU   X'4B'      INVALID LOGON SEQUENCE                           01-ISTUS
                        0004C  6068+USFIICBE EQU   X'4C'      LU NOT SESSION CAPABLE                           01-ISTUS
                        0004D  6069+USFINTNA EQU   X'4D'      NO INTERPRET TABLE                               01-ISTUS
                        0004E  6070+USFILNBL EQU   X'4E'      ILLEGAL USE OF NIB LIST                          01-ISTUS
                        0004F  6071+USFINVOT EQU   X'4F'      INVALID OPNDST TYPE                              01-ISTUS
                        00050  6072+USFINVAP EQU   X'50'      INVALID AQUIRE PARAMETER                         01-ISTUS
                        00051  6073+USFAPNAC EQU   X'51'      APPLICATION NEVER ACCEPTS                        01-ISTUS
                        00052  6074+USFINVNB EQU   X'52'      INVALID NIB                                      01-ISTUS
                        00053  6075+USFSYMNU EQU   X'53'      SYMBOLIC NAME UNKNOWN                            01-ISTUS
                        00054  6076+USFDSTUO EQU   X'54'      DESTINATION UNOPENABLE                           01-ISTUS
                        00055  6077+USFNOPAU EQU   X'55'      NO OPNDST AUTHORIZATION                          01-ISTUS
                        00056  6078+USFMDINC EQU   X'56'      MODE - DEVICE INCOMPAT                           01-ISTUS
                        00057  6079+USFINVMD EQU   X'57'      INVALID MODE                                     01-ISTUS
                        00058  6080+USFBHSUN EQU   X'58'      BHSET NAME UNKNOWN                               01-ISTUS
                        00059  6081+USFMDNAU EQU   X'59'      MODE NAME AUTHORIZED                             01-ISTUS
                        0005A  6082+USFMBHSS EQU   X'5A'      MULTIPLE BHSETS SPECIFIED                        01-ISTUS
                        0005B  6083+USFINVLA EQU   X'5B'      INVALID LOGON DATA AREA                          01-ISTUS
                        0005C  6084+USFDUPND EQU   X'5C'      DUPLICATE NODES                                  01-ISTUS
                        0005D  6085+USFDSTNO EQU   X'5D'      DESTINATION NOT OPENED                           01-ISTUS
                        0005E  6086+USFNPSAU EQU   X'5E'      NO PASS AUTHORIZATION                            01-ISTUS
                        0005F  6087+USFRSCNO EQU   X'5F'      RESOURCE NOT OWNED                               01-ISTUS
                        00060  6088+USFRSCNC EQU   X'60'      RESOURCE NOT CLOSEABLE                           01-ISTUS
                        00061  6089+USFINVSL EQU   X'61'      INVALID SETLOGON                                 01-ISTUS
                        00062  6090+USFMCNVD EQU   X'62'      MACRO NOT VALID FOR SPECIFIED DEVICE             01-ISTUS
                        0006C  6091+USFRNOEL EQU   X'6C'      PROGRAM OPERATOR APPLICATION EXCEEDED            01-ISTUS
                               6092+*                         LIMIT OF OUTSTANDING RCVCMDS
                        0006D  6093+USFRNONA EQU   X'6D'      APPLICATION NOT AUTHORIZED                       01-ISTUS
                        0006E  6094+USFRNOSE EQU   X'6E'      REPLY, SENT BY PROGRAM OPERATOR,                 01-ISTUS
                               6095+*                         REJECTED DUE TO SYNTAX ERROR
                        0006F  6096+USFRNOIA EQU   X'6F'      PROGRAM OPERATOR INTERFACE INACTIVE              01-ISTUS
                        00070  6097+USFRNOCL EQU   X'70'      RCVCMD REJECTED BECAUSE PROGRAM                  01-ISTUS
                               6098+*                         OPERATOR APPLICATION IS CLOSING
                        00071  6099+USFRNOCE EQU   X'71'      V,D,F, SENT BY PROGRAM OPERATOR                  01-ISTUS
                               6100+*                         REJECTED DUE TO SYNTAX ERROR
                        00072  6101+USFPCIT  EQU   X'72'      LOGICAL ERROR, PRIMARY CANNOT ISSUE              01-ISTUS
                               6102+*                         TERMSESS
                        00073  6103+USFINVSD EQU   X'73'      INVALID OPTIONS ON SEND                          01-ISTUS
                               6104+*                                                                          *
                        00074  6105+USFNRNBD EQU   X'74'      NEGOTIABLE RESPONSE TO NON-NEGOTIABLE            01-ISTUS
```

```
LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM H V 02 15.46 09/01/98
                                 6106+*
                                 6107+USFINBRP EQU   X'75'          BIND                                        *
                                 6108+*                             INVALID NEGOTIABLE BIND RESPONSE              01-ISTUS
                                 6109+USFINBSZ EQU   X'76'          PARAMETERS                                  *
                                 6110+*                             INVALID NEGOTIABLE BIND RESPONSE              01-ISTUS
                                 6111+USFNFMDQ EQU   X'77'          SIZE                                        *
                                 6112+*                             FM DATA REQUEST UNIT                          01-ISTUS
                                 6113+USFCHINV EQU   X'78'          REQUIRED                          @D5B4747
                                 6114+*                             INVALID CHAIN                                 01-ISTUS
                                 6115+USFBLINV EQU   X'79'          SPECIFICATION                     @D5B4747
                                 6116+*                             INVALID BUFFER LIST                           01-ISTUS
                                 6117+USFINVRH EQU   X'7B'          LENGTH                            @D5B4747
                                 6118+*                             INVALID USER                                  01-ISTUS
                                 6119+USFSCINV EQU   X'7C'          RH                                @D5B4747
                                 6120+*                             OPTCD=USERRH INVALID FOR                      01-ISTUS
                                 6121+USFHPINV EQU   X'7D'          SESSIONC                          @D5B4747
                                 6122+USFCOMR  EQU   X'7E'          XRF PROTOCOL VIOLATION            @R489300    01-ISTUS
                                 6123+*                             CONFLICTING OPTCD ON A MACRO REQUEST          01-ISTUS
                                 6124+USF6PENA EQU   X'7F'          POLICING ERROR - NON-APPC MACRO   @R491102
                                 6125+USFPRINV EQU   X'80'          PERSISTENT LU-LU SESSION SUPPORT  @R495808    01-ISTUS
                                 6126+*                             REQUESTED FOR APPLICATION THAT IS NOT         01-ISTUS
                                 6127+*                             PERSISTENT SESSION CAPABLE              @B2A
                                 6128+USFTSPND EQU   X'81'          TERMSESS WITHOUT UNBIND WITH SESSION IN       01-ISTUS
                                 6129+*                             PENDING ACTIVE STATE                    @U5A
                                 6130+USFPARML EQU   X'82'          PARAMETER LENGTH INVALID                @B3A  01-ISTUS
                                 6131+USFSFERR EQU   X'83'          SUBFIELD NOT SUPPORTED, INVALID               01-ISTUS
                                 6132+*                               COMBINATION OF SUBFIELDS, OR SUBFIELD
                                 6133+*                               FORMAT ERROR                          @B3A
                                 6134+USFASDAZ EQU   X'84'          ZERO NIBASDPA FIELD                     @B3A  01-ISTUS
                                 6135+USFSMBRS EQU   X'85'          SESSION IS IN RECOVERY STATE AND MUST BE      01-ISTUS
                                 6136+*                             RESTORED                                @V1A
                                 6137+*
                                 6138+*****    NO REASON CODE EQUATES EXIST FOR RPLRTNCD EQUALS X'18'    *****
                                 6139+*                                                                   *
                                 6140+*
                                 6141+*****    EQUATES FOR RPLFDB3 ON RETURN FROM INQUIRE IF             *****
                                 6142+*****    RPLRTNCD IS X'00'                                         *****
                                 6143+*
00000                            6144+USFIACT  EQU   X'00'          APPLICATION IS ACTIVE                         01-ISTUS
00004                            6145+USFIINA  EQU   X'04'          APPLICATION IS INACTIVE                       01-ISTUS
                                 6146+*                             SEE USFANC (X'0A') UNDER RPLFDB2
                                 6147+*                             WHEN RTNCD = X'00'              @R488902
00008                            6148+USFINA   EQU   X'08'          APPLICATION WILL NOT ACCEPT LOGONS            01-ISTUS
0000C                            6149+USFITNA  EQU   X'0C'          APPLICATION IS TEMPORARILY NOT                01-ISTUS
                                 6150+*                             ACCEPTING LOGONS
00010                            6151+USFIQUIE EQU   X'10'          APPLICATION IS QUIESCING                      01-ISTUS
00080                            6152+USFILACT EQU   X'80'          RESOURCE IS ACTIVE                @0Y67066    01-ISTUS
00084                            6153+USFILINA EQU   X'84'          RESOURCE IS NOT ACTIVE            @0Y67066    01-ISTUS
                                 6154+*
                                 6155+*
                                 6156+***      THE FOLLOWING ARE ALL THE RPL6RCPR (PRIMARY RETURN   @R495808
                                 6157+***      CODE) VALUES FOR APPC/VTAM.                          @R495808
                                 6158+***                                                           @R495808
00000                            6159+USF6OK   EQU   X'0000'        OK                                @R495808    01-ISTUS
00004                            6160+USF6ALLC EQU   X'0004'        ALLOCATION ERROR                  @R495808    01-ISTUS
```

```
LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98
                          00008  6161+USF6CNSA EQU   X'0008'       CNOS ALLOCATION ERROR                @R495808 01-ISTUS
                          0000C  6162+USF6CNSN EQU   X'000C'       CNOS RESOURCE FAILURE, NO RETRY      @R495808 01-ISTUS
                          00010  6163+USF6CRRJ EQU   X'0010'       COMMAND RACE REJECT                  @R495808 01-ISTUS
                          00014  6164+USF6DABP EQU   X'0014'       DEALLOCATE ABEND PROGRAM             @R495808 01-ISTUS
                          00018  6165+USF6DABS EQU   X'0018'       DEALLOCATE ABEND SERVICE             @R495808 01-ISTUS
                          0001C  6166+USF6DABT EQU   X'001C'       DEALLOCATE ABEND TIMER               @R495808 01-ISTUS
                          00020  6167+USF6CNSR EQU   X'0020'       CNOS FAILURE, RETRY                  @R495808 01-ISTUS
                          00024  6168+USF6LRBE EQU   X'0024'       LOGICAL RECORD BOUNDARY ERROR        @R495808 01-ISTUS
                          00028  6169+USF6SLCL EQU   X'0028'       LU MODE SESSION LIMIT CLOSED         @R495808 01-ISTUS
                          0002C  6170+USF6PARM EQU   X'002C'       PARAMETER ERROR                      @R495808 01-ISTUS
                          00030  6171+USF6PENT EQU   X'0030'       PROGRAM ERROR NO TRUNCATION          @R495808 01-ISTUS
                          00034  6172+USF6PEPU EQU   X'0034'       PROGRAM ERROR PURGING                @R495808 01-ISTUS
                          00038  6173+USF6PETR EQU   X'0038'       PROGRAM ERROR TRUNCATING             @R495808 01-ISTUS
                          0003C  6174+USF6SENT EQU   X'003C'       SERVICE ERROR NO TRUNCATION          @R495808 01-ISTUS
                          00040  6175+USF6SEPU EQU   X'0040'       SERVICE ERROR PURGING                @R495808 01-ISTUS
                          00044  6176+USF6SETR EQU   X'0044'       SERVICE ERROR TRUNCATING             @R495808 01-ISTUS
                          00048  6177+USF6RFNR EQU   X'0048'       RESOURCE FAILURE, NO RETRY           @R495808 01-ISTUS
                          0004C  6178+USF6RFRE EQU   X'004C'       RESOURCE FAILURE, RETRY              @R495808 01-ISTUS
                          00050  6179+USF6STER EQU   X'0050'       STATE ERROR                          @R495808 01-ISTUS
                          00054  6180+USF6URMD EQU   X'0054'       UNRECOGNIZED MODE NAME               @R495808 01-ISTUS
                          00058  6181+USF6UNSC EQU   X'0058'       UNSUCCESSFUL, SESSION NOT AVAILABLE          01-ISTUS
                                 6182+*                                                                 @R495808
                          0005C  6183+USF6UECR EQU   X'005C'       USER ERROR CODE RECEIVED             @R495808 01-ISTUS
                          00060  6184+USF6NOFM EQU   X'0060'       NO FMH5 AVAILABLE                    @R495808 01-ISTUS
                          00064  6185+USF6ACFL EQU   X'0064'       ACTIVATION FAILURE                   @R495808 01-ISTUS
                          00068  6186+USF6SLEX EQU   X'0068'       LU MODE SESSION LIMIT EXCEEDED       @R495808 01-ISTUS
                          0006C  6187+USF6SACT EQU   X'006C'       SESSION NOT PENDING                  @R495808 01-ISTUS
                          00070  6188+USF6STOR EQU   X'0070'       TEMPORARY STORAGE SHORTAGE           @R495808 01-ISTUS
                          00074  6189+USF6HALT EQU   X'0074'       HALT ISSUED                          @R495808 01-ISTUS
                          00078  6190+USF6VIYA EQU   X'0078'       VTAM INACTIVE FOR YOUR ACB           @R495808 01-ISTUS
                          0007C  6191+USF6RQAB EQU   X'007C'       REQUEST ABORTED                      @R495808 01-ISTUS
                          00080  6192+USF6DLNR EQU   X'0080'       DEALLOCATE NORMAL                    @R495808 01-ISTUS
                          00084  6193+USF6STSH EQU   X'0084'       STORAGE SHORTAGE                     @R495808 01-ISTUS
                          00088  6194+USF6CREJ EQU   X'0088'       CANCELLED BY REJECT OR DEALLOCATE ABND*       01-ISTUS
                                 6195+*                                                                 @R495808
                          0008C  6196+USF6PROE EQU   X'008C'       PARTNER COMMITTED PROTOCOL VIOLATION          01-ISTUS
                                 6197+*                                                                 @R495808
                          00090  6198+USF6NOTA EQU   X'0090'       APPLICATION NOT APPC CAPABLE         @R495808 01-ISTUS
                          00094  6199+USF6SDRJ EQU   X'0094'       SEND DATA REJECTED INVALID STATE     @P041799 01-ISTUS
                          00098  6200+USF6STGS EQU   X'0098'       STORAGE SHORTAGE WHILE SENDING       @P043961 01-ISTUS
                                 6201+*                           DATA                                 @P043961
                          0009C  6202+USF6RSTF EQU   X'009C'       RESTORE REJECTED                         @B2A 01-ISTUS
                          000A4  6203+USF6SPMD EQU   X'00A4'       MODE MUST BE RESTORED BEFORE USING       @B2A 01-ISTUS
                          000A8  6204+USF6ENVE EQU   X'00A8'       ENVIRONMENT ERROR                        @N2A 01-ISTUS
                                 6205+***                                                               @R495808
                                 6206+*** THE FOLLOWING ARE SECONDARY RETURN CODES WHEN THE             @R495808
                                 6207+*** PRIMARY RETURN CODE IS SET TO X'0000' (USF6OK).               @R495808
                                 6208+***                                                               @R495808
                          00000  6209+USF6OKSC EQU   X'0000'       OK                                   @R495808 01-ISTUS
                          00001  6210+USF6ASSP EQU   X'0001'       AS SPECIFIED                         @R495808 01-ISTUS
                          00002  6211+USF6ASNG EQU   X'0002'       AS NEGOTIATED                        @R495808 01-ISTUS
                          00003  6212+USF6RCVR EQU   X'0003'       RECEIVE SPECIFIC REJECTED            @R495808 01-ISTUS
                          00004  6213+USF6SNGL EQU   X'0004'       PARTNER LU SUPPORTS SINGLE SESSION           01-ISTUS
                                 6214+*                                                                 @R495808
                          00005  6215+USF6INER EQU   X'0005'       INTERNAL VTAM ERROR                      @Q1A 01-ISTUS
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                           00006  6216+USF6RSUN EQU   X'0006'       RESTORE UNNECESSARY - NO SESSIONS    @B2A 01-ISTUS
                                  6217+*                           TO RESTORE                           @B2A
                           00007  6218+USF6RSIN EQU   X'0007'       RESTORE INCOMPLETE - INPUT WORK      @B2A 01-ISTUS
                                  6219+*                           AREA TOO SMALL                       @B2A
                                  6220+*                                                              @R495808
                                  6221+***                                                            @R495808
                                  6222+*** THE FOLLOWING ARE SECONDARY RETURN CODES WHEN THE           @R495808
                                  6223+*** PRIMARY RETURN CODE IS SET TO X'0004' (USF6ALLC).           @R495808
                                  6224+***                                                            @R495808
                           00000  6225+USF6ALNR EQU   X'0000'       ALLOCATION FAILURE, NO RETRY         @R495808 01-ISTUS
                           00001  6226+USF6ALR  EQU   X'0001'       ALLOCATION FAILURE, RETRY            @R495808 01-ISTUS
                           00002  6227+USF6ALCM EQU   X'0002'       CONVERSATION TYPE MISMATCH           @R495808 01-ISTUS
                           00003  6228+USF6ALPI EQU   X'0003'       PIP NOT ALLOWED                      @R495808 01-ISTUS
                           00004  6229+USF6ALPP EQU   X'0004'       PIP NOT SPECIFIED CORRECTLY          @R495808 01-ISTUS
                           00005  6230+USF6ALSC EQU   X'0005'       SECURITY NOT VALID                   @R495808 01-ISTUS
                           00006  6231+USF6ALSY EQU   X'0006'       SYNC LEVEL NOT SUPPORTED BY LU       @R495808 01-ISTUS
                           00007  6232+USF6ALSL EQU   X'0007'       SYNC LEVEL NOT SUPPORTED BY PROGRAM          01-ISTUS
                                  6233+*                                                              @R495808
                           00008  6234+USF6ALTP EQU   X'0008'       TPN NOT RECOGNIZED                   @R495808 01-ISTUS
                           00009  6235+USF6ALTN EQU   X'0009'       TRANSACTION PROGRAM NOT AVAILABLE, NO        01-ISTUS
                                  6236+*                           RETRY                                @R495808
                           0000A  6237+USF6ALTR EQU   X'000A'       TRANSACTION PROGRAM NOT AVAILABLE, RETRY     01-ISTUS
                                  6238+*                                                              @R495808
                           0000B  6239+USF6ALRN EQU   X'000B'       CANNOT RECONNECT TRANSACTION PROGRAM,        01-ISTUS
                                  6240+*                           NO RETRY                             @R495808
                           0000C  6241+USF6ALRR EQU   X'000C'       CANNOT RECONNECT TRANSACTION PROGRAM,        01-ISTUS
                                  6242+*                           RETRY                                @R495808
                           0000D  6243+USF6ALNS EQU   X'000D'       RECONNECT NOT SUPPORTED BY PROGRAM           01-ISTUS
                                  6244+*                                                              @R495808
                           0000E  6245+USF6SPMA EQU   X'000E'       MODE MUST BE RESTORED BEFORE USING   @B2A 01-ISTUS
                           0000F  6246+USF6DARQ EQU   X'000F'       DEALLOCATION REQUESTED               @X1A 01-ISTUS
                                  6247+***                                                            @R495808
                                  6248+*** THE FOLLOWING ARE SECONDARY RETURN CODES WHEN THE           @R495808
                                  6249+*** PRIMARY RETURN CODE IS SET TO X'0008' (USF6CNSA).           @R495808
                                  6250+***                                                            @R405808
                           00000  6251+USF6CANR EQU   X'0000'       ALLOCATION FAILURE, NO RETRY         @R405808 01-ISTUS
                           00001  6252+USF6CAR  EQU   X'0001'       ALLOCATION FAILURE, RETRY            @R405808 01-ISTUS
                           00002  6253+USF6CATR EQU   X'0002'       TRANSACTION PROGRAM NOT AVAILABLE, RETRY     01-ISTUS
                                  6254+*                                                              @R495808
                           00003  6255+USF6CATN EQU   X'0003'       TRANSACTION PROGRAM NOT AVAILABLE, NO        01-ISTUS
                                  6256+*                           RETRY                                @R495808
                           00004  6257+USF6CACM EQU   X'0004'       CONVERSATION TYPE MISMATCH           @R405808 01-ISTUS
                           00005  6258+USF6CASC EQU   X'0005'       SECURITY NOT VALID                   @R495808 01-ISTUS
                           00006  6259+USF6SPMC EQU   X'0006'       MODE MUST BE RESTORED BEFORE USING   @B2A 01-ISTUS
                                  6260+***                                                            @R495808
                                  6261+*** THE FOLLOWING ARE SECONDARY RETURN CODES WHEN THE           @R495808
                                  6262+*** PRIMARY RETURN CODE IS SET TO X'10' (USF6CRRJ).             @R495808
                                  6263+***                                                            @R495808
                           00000  6264+USF6CRPR EQU   X'0000'       PARTNER GRANTED RETRY                @R495808 01-ISTUS
                           00001  6265+USF6CRLR EQU   X'0001'       CONTORL OPERATOR OF LOCAL LU RETRIED          01-ISTUS
                                  6266+*                                                              @R495808
                           00002  6267+USF6PCIP EQU   X'0002'       PARTNER CNOS IN PROGRESS             @R495808 01-ISTUS
                           00003  6268+USF6LPSS EQU   X'0003'       LU IS IN PENDING SINGLE STATE        @R495808 01-ISTUS
                           00004  6269+USF6PLSS EQU   X'0004'       PARTNER LU STARTING SESSION          @R495808 01-ISTUS
                                  6270+***                                                            @R495808
```

```
LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                             6271+*** THE FOLLOWING ARE SECONDARY RETURN CODES WHEN THE          @R495808
                             6272+*** PRIMARY RETURN CODE IS SET TO X'002C' (USF6PARM).          @R495808
                             6273+***                                                           @R495808
                    00000    6274+USF6IVLU EQU   X'0000'       INVALID LU NAME                  @R495808 01-ISTUS
                    00001    6275+USF6IVMD EQU   X'0001'       INVALID MODE                     @R495808 01-ISTUS
                    00002    6276+USF6IVCI EQU   X'0002'       INVALID CONVERSATION ID          @R495808 01-ISTUS
                    00003    6277+USF6IVLL EQU   X'0003'       INVALID LL                       @R495808 01-ISTUS
                    00004    6278+USF6IVSV EQU   X'0004'       INVALID VALUES FOR SNASVCMG MODE @R495808 01-ISTUS
                    00005    6279+USF6IVDL EQU   X'0005'       INVALID DRAINL CHANGE            @R495808 01-ISTUS
                    00006    6280+USF6SNAR EQU   X'0006'       SNASVCMG MODE CANNOT CURRENTLY BE RESET   01-ISTUS
                             6281+*                                                             @R495808
                    00007    6282+USF6MMEX EQU   X'0007'       MINWINL PLUS MINWINR EXCEEDS SESSLIM      01-ISTUS
                             6283+*                                                             @R495808
                    00008    6284+USF6LNIN EQU   X'0008'       SUPPLIED LENGTH INSUFFICIENT     @R495808 01-ISTUS
                    00009    6285+USF6INSL EQU   X'0009'       INCOMPLETE SESSION LIMITS STRUCTURE       01-ISTUS
                             6286+*                            SUPPLIED                         @R495808
                    0000A    6287+USF6INFM EQU   X'000A'       INCOMPLETE FMH5 SUPPLIED         @R495808 01-ISTUS
                    0000B    6288+USF6INGD EQU   X'000B'       INCOMPLETE GDS VARIABLE SUPPLIED          01-ISTUS
                             6289+*                                                             @R495808
                    0000C    6290+USF6OEXT EQU   X'000C'       ZERO EXIT FIELD                  @R495808 01-ISTUS
                    0000D    6291+USF6OECB EQU   X'000D'       ZERO ECB FIELD                   @R495808 01-ISTUS
                    0000E    6292+USF6RIAS EQU   X'000E'       REQUEST INVALID FOR ADDRESS SPACE         01-ISTUS
                             6293+*                                                             @R495808
                    0000F    6294+USF6CBIN EQU   X'000F'       CONTROL BLOCK INVALID            @R495808 01-ISTUS
                    00010    6295+USF6INDL EQU   X'0010'       INVALID DATA ADDRESS OR LENGTH   @R495808 01-ISTUS
                    00011    6296+USF6PRVO EQU   X'0011'       PREVIOUS MACRO INSTRUCTION OUTSTANDING    01-ISTUS
                             6297+*                                                             @R495808
                    00012    6298+USF6BLIV EQU   X'0012'       BUFFER LIST LENGTH INVALID       @R495808 01-ISTUS
                    00013    6299+USF6NOMD EQU   X'0013'       NO CORRESPONDING MODE IN LM TABLE         01-ISTUS
                             6300+*                                                             @R495808
                    00014    6301+USF6IVBP EQU   X'0014'       INVALID BIND PARAMETERS          @R495808 01-ISTUS
                    00015    6302+USF6IVTP EQU   X'0015'       INVALID TPN                      @R495808 01-ISTUS
                    00016    6303+USF6NOLU EQU   X'0016'       NO CORRESPONDING LU IN LM TABLE           01-ISTUS
                             6304+*                                                             @R495808
                    00017    6305+USF6IMDF EQU   X'0017'       INVALID MODE SPECIFIED           @R495808 01-ISTUS
                    00018    6306+USF6ILSP EQU   X'0018'       INVALID LIMIT SPECIFIED          @R495808 01-ISTUS
                    00019    6307+USF6SMAI EQU   X'0019'       SNASVCMG MODE ALREADY INITIALIZED         01-ISTUS
                             6308+*                                                             @R495808
                    0001A    6309+USF6ALLS EQU   X'001A'       ALL MODES SPECIFIED ON SINGLE SESSION LU  01-ISTUS
                             6310+*                                                             @R495808
                    0001B    6311+USF6SMSS EQU   X'001B'       SNASVCMG MODE FOR SINGLE SESSION LU       01-ISTUS
                             6312+*                                                             @R495808
                    0001C    6313+USF6SSMI EQU   X'001C'       SINGLE SESSION, MODE ALREADY INITIALIZED  01-ISTUS
                             6314+*                                                             @R495808
                    0001E    6315+USF6CIDI EQU   X'001E'       CID INVALID                      @R495808 01-ISTUS
                    0001F    6316+USF6APNA EQU   X'001F'       APPCCMD ISSUED FOR NON-APPC      @R495808 01-ISTUS
                    00020    6317+USF6PRRO EQU   X'0020'       PREVIOUS REJECT REQUEST OUTSTANDING       01-ISTUS
                             6318+*                                                             @R495808
                    00021    6319+USF6DARJ EQU   X'0021'       DEALLOCATE ABND* REJECTED, RETRY @R495808 01-ISTUS
                    00022    6320+USF6IVCQ EQU   X'0022'       INVALID CONTROL OR QUALIFY VALUE @P030472 01-ISTUS
                    00023    6321+USF6INSI EQU   X'0023'       INVALID SESSION INSTANCE IDENTIFIER  @F1A 01-ISTUS
                    00024    6322+USF6PSHI EQU   X'0024'       PS HEADER NOT SUPPLIED               @F1A 01-ISTUS
                    00025    6323+USF6PSLI EQU   X'0025'       PS HEADER LENGTH INSUFFICIENT        @F1A 01-ISTUS
                    00026    6324+USF6NMSC EQU   X'0026'       SESSION INSTANCE IDENTIFIER AND           01-ISTUS
                             6325+*                            CONVERSATION ID MISMATCH             @F2A
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM H V 02 15.46 09/01/98

                           00027  6326+USF6IDET EQU   X'0027'        INVALID DEACTIVATION TYPE CODE       @Q1A 01-ISTUS
                           00028  6327+USF6NCRY EQU   X'0028'        CRYPTOGRAPHY NOT ALLOWED ON MODE     @B1A 01-ISTUS
                           00029  6328+USF6INLI EQU   X'0029'        INVALID LIST VALUE SPECIFIED ON          01-ISTUS
                                  6329+**                           APPCCMD FOR RESTORE                  @B2A
                                  6330+***                                                             @R495808
                                  6331+*** THE FOLLOWING ARE SECONDARY RETURN CODES WHEN THE           @R495808
                                  6332+*** PRIMARY RETURN CODE IS SET TO X'005C' (USF6UECR).           @R495808
                                  6333+***                                                            @R495808
                           00000  6334+USF6FNGR EQU   X'0000'        FOLLOWING NEGATIVE RESPONSE      @R495808 01-ISTUS
                           00001  6335+USF6WNGR EQU   X'0001'        WITHOUT NEGATIVE RESPONSE        @R495808 01-ISTUS
                                  6336+**
                                  6337+***                                                                 @B2A
                                  6338+*** THE FOLLOWING ARE SECONDARY RETURN CODES WHEN THE               @B2A
                                  6339+*** PRIMARY RETURN CODE IS SET TO X'009C' (USF6RSTF).               @B2A
                                  6340+***                                                                @B2A
                           00001  6341+USF6SLSR EQU   X'0001'        RESTORE ISSUED BEFORE SETLOGON START @B2A 01-ISTUS
                                  6342+**
                                  6343+***                                                                 @N2A
                                  6344+*** THE FOLLOWING ARE SECONDARY RETURN CODES WHEN THE               @N2A
                                  6345+*** PRIMARY RETURN CODE IS SET TO X'00A8' (USF6ENVE).               @N2A
                                  6346+***                                                                @N2A
                           00001  6347+USF6XMES EQU   X'0001'        CROSS MEMORY SUSPEND FAILURE         @N2A 01-ISTUS
                           00002  6348+USF6XMER EQU   X'0002'        CROSS MEMORY RESUME FAILURE          @N2A 01-ISTUS
                                  6349+**
                                  6350+***    THE FOLLOWING ARE ALL THE RPL3RCPR (PRIMARY RETURN           @D1A
                                  6351+***    CODE) VALUES FOR VCNS/VTAM.                                  @D1A
                                  6352+***                                                                 @D1A
                           00000  6353+USF3OK   EQU   X'0000'        OK                                   @D1A 01-ISTUS
                           00004  6354+USF3CERR EQU   X'0004'        CLOSE COMPLETED WITH ERROR           @S2C 01-ISTUS
                           00008  6355+USF3PERR EQU   X'0008'        PARAMETER ERROR                      @D1A 01-ISTUS
                           0000C  6356+USF3RUNA EQU   X'000C'        RESOURCE UNAVAILABLE                 @D1A 01-ISTUS
                           00010  6357+USF3IREQ EQU   X'0010'        INVALID REQUEST                      @D1A 01-ISTUS
                           00014  6358+USF3RCAN EQU   X'0014'        REQUEST CANCELLED                    @D1A 01-ISTUS
                           00018  6359+USF3VINA EQU   X'0018'        VTAM INACTIVE FOR YOUR ACB           @D1A 01-ISTUS
                           0001C  6360+USF3RAB  EQU   X'001C'        REQUEST ABORTED                      @D1A 01-ISTUS
                           00020  6361+USF3NVC  EQU   X'0020'        APPLICATION NOT VCNS CAPABLE         @D1A 01-ISTUS
                           00024  6362+USF3HALT EQU   X'0024'        HALT ISSUED                          @D1A 01-ISTUS
                           00028  6363+USF3LPRO EQU   X'0028'        LOCAL PROCEDURE ERROR                @A1A 01-ISTUS
                           0002C  6364+USF3ENVE EQU   X'002C'        ENVIRONMENT ERROR                    @N2A 01-ISTUS
                                  6365+***                                                                 @D1A
                                  6366+*** THE FOLLOWING ARE SECONDARY RETURN CODES WHEN THE               @D1A
                                  6367+*** PRIMARY RETURN CODE IS SET TO X'0000' (USF3OK).                 @D1A
                                  6368+***                                                                 @D1A
                           00000  6369+USF3OKNI EQU   X'0000'        NO ADDITIONAL INFORMATION            @D1A 01-ISTUS
                           00001  6370+USF3OKC  EQU   X'0001'        CONNECTED                            @D1A 01-ISTUS
                           00002  6371+USF3OKCI EQU   X'0002'        CONNECT INDICATED                    @D1A 01-ISTUS
                           00003  6372+USF3OKRP EQU   X'0003'        RESET REQUEST PURGED INBOUND DATA    @S2C 01-ISTUS
                           00004  6373+USF3OKRI EQU   X'0004'        RESET INDICATED                      @D1A 01-ISTUS
                           00005  6374+USF3OKRE EQU   X'0005'        ERROR RESET                          @D1A 01-ISTUS
                           00006  6375+USF3OKDI EQU   X'0006'        DISCONNECT INDICATED                 @D1A 01-ISTUS
                           00007  6376+USF3OKDE EQU   X'0007'        ERROR DISCONNECT                     @D1A 01-ISTUS
                           00008  6377+USF3OKYI EQU   X'0008'        REPLY INDICATED                      @A1A 01-ISTUS
                           00009  6378+USF3OKSI EQU   X'0009'        REPLY STATUS INDICATED               @A1A 01-ISTUS
                           0000A  6379+USF3OKAI EQU   X'000A'        ACKNOWLEDGMENT STATUS INDICATED      @A1A 01-ISTUS
                           0000B  6380+USF3OKTI EQU   X'000B'        TEST RESPONSE INDICATED              @A1A 01-ISTUS
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                           0000C  6381+USF3OKXI EQU   X'000C'        XID RESPONSE INDICATED                @A1A O1-ISTUS
                                  6382+***                                                                  @D1A
                                  6383+*** THE FOLLOWING ARE SECONDARY RETURN CODES WHEN THE                 @D1A
                                  6384+*** PRIMARY RETURN CODE IS SET TO X'0004' (USF3CERR).                 @D1A
                                  6385+***                                                                  @D1A
                           00000  6386+USF3CENI EQU   X'0000'        NO ADDITIONAL INFORMATION             @D1A O1-ISTUS
                           00001  6387+USF3CESL EQU   X'0001'        SUPPLIED LENGTH INSUFFICIENT          @S2C O1-ISTUS
                           00002  6388+USF3CDI  EQU   X'0002'        DISCONNECT INDICATED                  @D1A O1-ISTUS
                                  6389+***                                                                  @D1A
                                  6390+*** THE FOLLOWING ARE SECONDARY RETURN CODES WHEN THE                 @D1A
                                  6391+*** PRIMARY RETURN CODE IS SET TO X'0008' (USF3PERR).                 @D1A
                                  6392+***                                                                  @D1A
                           00000  6393+USF3PEIA EQU   X'0000'        INVALID ACCESS CONTROL BLOCK (ACB)    @A1C O1-ISTUS
                           00001  6394+USF3PEIR EQU   X'0001'        INVALID RESOURCE IDENTIFIER           @D1A O1-ISTUS
                           00002  6395+USF3PEIC EQU   X'0002'        INVALID CONNECTION IDENTIFIER         @D1A O1-ISTUS
                           00003  6396+USF3PENS EQU   X'0003'        NSIND NOT SPECIFIED                   @D1A O1-ISTUS
                           00004  6397+USF3PEOX EQU   X'0004'        ZERO EXIT FIELD                       @D1A O1-ISTUS
                           00005  6398+USF3PEOE EQU   X'0005'        ZERO ECB FIELD                        @D1A O1-ISTUS
                           00006  6399+USF3PEBY EQU   X'0006'        BRANCH=YES MUST BE SPECIFIED          @D1A O1-ISTUS
                           00007  6400+USF3PEPC EQU   X'0007'        PID CONFLICT                          @D1A O1-ISTUS
                           00008  6401+USF3PEPL EQU   X'0008'        PID LIST INVALID                      @D1A O1-ISTUS
                           00009  6402+USF3PEMC EQU   X'0009'        MORE AND CONFIRM BOTH SPECIFIED       @D1A O1-ISTUS
                           0000A  6403+USF3PEPV EQU   X'000A'        INVALID USE OF CONMODE PARAMETER      @D1A O1-ISTUS
                           0000B  6404+USF3PEAS EQU   X'000B'        REQUEST INVALID FOR ADDRESS SPACE           O1-ISTUS
                                  6405+*                                                                    @D1A
                           0000C  6406+USF3PENV EQU   X'000C'        VCNSCMD ISSUED FOR NON VCNS RESOURCE        O1-ISTUS
                                  6407+*                                                                    @D1A
                           0000D  6408+USF3PEOD EQU   X'000D'        NOT USED - AVAILABLE                  @S1C O1-ISTUS
                           0000E  6409+USF3PESL EQU   X'000E'        SUPPLIED LENGTH INSUFFICIENT          @D1A O1-ISTUS
                           0000F  6410+USF3PEBL EQU   X'000F'        INVALID BUFFER LIST LENGTH            @D1A O1-ISTUS
                           00010  6411+USF3PEPS EQU   X'0010'        PID NOT SPECIFIED                     @D1A O1-ISTUS
                           00011  6412+USF3PEIF EQU   X'0011'        INVALID FLOW KEYWORD VALUE            @D1A O1-ISTUS
                           00012  6413+USF3PEIV EQU   X'0012'        INVALID CONTROL KEYWORD VALUE         @D1A O1-ISTUS
                           00018  6414+USF3PESV EQU   X'0018'        INVALID SERVICE OPERAND VALUE         @A1A O1-ISTUS
                           0001A  6415+USF3PEIS EQU   X'001A'        INVALID SENSE OPERAND VALUE           @A1A O1-ISTUS
                           0001B  6416+USF3PERI EQU   X'001B'        REQUEST INCONSISTENT WITH NETWORK           O1-ISTUS
                                  6417+*                            CLASS                                 @A1A
                           0001C  6418+USF3PESM EQU   X'001C'        INVALID SMODE OPERAND VALUE           @A1A O1-ISTUS
                           0001D  6419+USF3PEIL EQU   X'001D'        INVALID SENSEL OPERAND VALUE          @A1A O1-ISTUS
                           0001E  6420+USF3PENM EQU   X'001E'        NETWORK MANAGER INVALID FOR                 O1-ISTUS
                                  6421+*                            THIS VCNS COMMAND                     @A1A
                           0001F  6422+USF3PEAN EQU   X'001F'        APPLICATION MUST BE NETWORK MANAGER         O1-ISTUS
                                  6423+*                            TO PERFORM THIS VCNS COMMAND          @A1A
                           00020  6424+USF3PEAR EQU   X'0020'        INVALID AREA OPERAND VALUE            @A3A O1-ISTUS
                           00021  6425+USF3PEMX EQU   X'0021'        DATA SIZE EXCEEDS MAXIMUM ALLOWED VALUE     O1-ISTUS
                                  6426+*                                                                    @A5A
                           00022  6427+USF3PECL EQU   X'0022'        CLASS NOT SUPPORTED                   @A2A O1-ISTUS
                           00023  6428+USF3PETZ EQU   X'0023'        TARGET FIELD SHOULD BE ZERO,          @A6A O1-ISTUS
                                  6429+*                            BUT IS NON-ZERO                       @A6A
                           00024  6430+USF3PETN EQU   X'0024'        TARGET FIELD SHOULD BE NON-ZERO,      @A6A O1-ISTUS
                                  6431+*                            BUT IS ZERO                           @A5A
                           00025  6432+USF3PETR EQU   X'0025'        REQUIRED VECTOR MISSING               @A6A O1-ISTUS
                           00026  6433+USF3PETV EQU   X'0026'        VECTOR LENGTH ERROR                   @A6A O1-ISTUS
                           00027  6434+USF3PETS EQU   X'0027'        SAP NUMBER NOT EVEN OR ZERO           @A6A O1-ISTUS
                           00028  6435+USF3PETM EQU   X'0028'        MAJOR VECTOR NOT ISTJCEDD             @A6A O1-ISTUS
```

```
LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98
                          00029  6436+USF3PETU EQU   X'0029'        INVALID USER CLASS SPECIFIED          @A6A 01-ISTUS
                          0002A  6437+USF3PEST EQU   X'002A'        STORLIM NOT ALLOWED WHEN NETMGR=YES   @A7A 01-ISTUS
                          0002B  6438+USF3PEIM EQU   X'002B'        INVALID STORLIM                       @A8C 01-ISTUS
                          0002C  6439+USF3PELT EQU   X'002C'        THE LOWER LIMIT SPECIFIED FOR         @A7A 01-ISTUS
                                 6440+*                            STORLIM MUST BE LESS THAN THE UPPER   @A7A
                                 6441+*                            LIMIT                                 @A7A
                          0002D  6442+USF3PESI EQU   X'002D'        STORLIM IS INVALID FOR X.25 REQUESTS  @A7A 01-ISTUS
                                 6443+***                                                                @D1A
                                 6444+*** THE FOLLOWING ARE SECONDARY RETURN CODES WHEN THE              @D1A
                                 6445+*** PRIMARY RETURN CODE IS SET TO X'000C' (USF3RUNA).              @D1A
                                 6446+***                                                                @D1A
                          00000  6447+USF3RU00 EQU   X'0000'        NOT USED - AVAILABLE                  @S1C 01-ISTUS
                          00001  6448+USF3RURN EQU   X'0001'        RESOURCE NOT ACTIVE                   @D1A 01-ISTUS
                          00002  6449+USF3RUSU EQU   X'0002'        SERVICE ACCESS POINT NOT IN USE       @A1C 01-ISTUS
                          00003  6450+USF3RUNF EQU   X'0003'        RESOURCE NOT FOUND                    @D1A 01-ISTUS
                                 6451+***                                                                @D1A
                                 6452+*** THE FOLLOWING ARE SECONDARY RETURN CODES WHEN THE              @D1A
                                 6453+*** PRIMARY RETURN CODE IS SET TO X'0010' (USF3IREQ).              @D1A
                                 6454+***                                                                @D1A
                          00000  6455+USF3IRCE EQU   X'0000'        CONNECTION NOT ESTABLISHED            @D1A 01-ISTUS
                          00001  6456+USF3IRCN EQU   X'0001'        CONNECTION NOT INDICATED              @D1A 01-ISTUS
                          00002  6457+USF3IRRP EQU   X'0002'        RESET IN PROGRESS                     @D1A 01-ISTUS
                          00003  6458+USF3IRRI EQU   X'0003'        RESET INDICATED                       @D1A 01-ISTUS
                          00004  6459+USF3IRRN EQU   X'0004'        RESET NOT INDICATED                   @D1A 01-ISTUS
                          00005  6460+USF3IRRE EQU   X'0005'        ERROR RESET IN PROGRESS               @D1A 01-ISTUS
                          00006  6461+USF3IRDP EQU   X'0006'        DISCONNECT IN PROGRESS                @D1A 01-ISTUS
                          00007  6462+USF3IRDI EQU   X'0007'        DISCONNECT INDICATED                  @D1A 01-ISTUS
                          00008  6463+USF3IRDN EQU   X'0008'        DISCONNECT NOT INDICATED              @D1A 01-ISTUS
                          00009  6464+USF3IRDE EQU   X'0009'        ERROR DISCONNECT IN PROGRESS          @D1A 01-ISTUS
                          0000A  6465+USF3IRFM EQU   X'000A'        REQUEST INCONSISTENT WITH DATA FLOW         01-ISTUS
                                 6466+*                                                                  @D1A
                          0000B  6467+USF3IRAL EQU   X'000B'        ALREADY LOGGED ONTO THE NETWORK ACESS       01-ISTUS
                                 6468+*                            POINT                                 @D1A
                          0000C  6469+USF3IRLP EQU   X'000C'        LOGOFF IN PROGRESS                    @D1A 01-ISTUS
                          0000D  6470+USF3IRSE EQU   X'000D'        SUBORDINATE CONNECTIONS EXIST         @S2C 01-ISTUS
                          0000E  6471+USF3IROE EQU   X'000E'        NOT USED - AVAILABLE                  @S1C 01-ISTUS
                          0000F  6472+USF3IROF EQU   X'000F'        NOT USED - AVAILABLE                  @S1C 01-ISTUS
                          00010  6473+USF3IR10 EQU   X'0010'        NOT USED - AVAILABLE                  @S1C 01-ISTUS
                          00011  6474+USF3IRRD EQU   X'0011'        READ REQUEST IN PROGRESS              @D1A 01-ISTUS
                          00012  6475+USF3IRSP EQU   X'0012'        STATUS PHYSICAL REQUEST IN PROGRESS   @D1A 01-ISTUS
                          00013  6476+USF3IRSV EQU   X'0013'        STATUS VIRTUAL REQUEST IN PROGRESS    @D1A 01-ISTUS
                          00014  6477+USF3IRDR EQU   X'0014'        DUPLICATE REQUEST                     @A1A 01-ISTUS
                                 6478+***                                                                @D1A
                                 6479+*** THE FOLLOWING ARE SECONDARY RETURN CODES WHEN THE              @D1A
                                 6480+*** PRIMARY RETURN CODE IS SET TO X'0014' (USF3RCAN).              @D1A
                                 6481+***                                                                @D1A
                          00000  6482+USF3RCRR EQU   X'0000'        RESET REQUESTED                       @D1A 01-ISTUS
                          00001  6483+USF3RCRI EQU   X'0001'        RESET INDICATED                       @D1A 01-ISTUS
                          00002  6484+USF3RCRE EQU   X'0002'        ERROR RESET                           @D1A 01-ISTUS
                          00003  6485+USF3RCDR EQU   X'0003'        DISCONNECT REQUESTED                  @D1A 01-ISTUS
                          00004  6486+USF3RCDI EQU   X'0004'        DISCONNECT INDICATED                  @D1A 01-ISTUS
                          00005  6487+USF3RCDE EQU   X'0005'        ERROR DISCONNECT                      @D1A 01-ISTUS
                          00006  6488+USF3RCRS EQU   X'0006'        TEMPORARY RESOURCE SHORTAGE           @D1A 01-ISTUS
                          00007  6489+USF3RCLP EQU   X'0007'        LOGOFF IN PROGRESS                    @D1A 01-ISTUS
                                 6490+***                                                                @A1A
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                  6491+*** THE FOLLOWING ARE SECONDARY RETURN CODES WHEN THE              @A1A
                                  6492+*** PRIMARY RETURN CODE IS SET TO X'0028' (USF3LPRO).              @A1A
                                  6493+***                                                               @A1A
                           00000  6494+USF3LPNA EQU   X'0000'        NO ADDITIONAL INFORMATION           @A1A O1-ISTUS
                           00009  6495+USF3LPRS EQU   X'0009'        REPLY STATUS INDICATED              @A1A O1-ISTUS
                           0000A  6496+USF3LPAS EQU   X'000A'        ACKNOWLEDGMENT STATUS INDICATED     @A1A O1-ISTUS
                                  6497+***                                                               @N2A
                                  6498+*** THE FOLLOWING ARE SECONDARY RETURN CODES WHEN THE             @N2A
                                  6499+*** PRIMARY RETURN CODE IS SET TO X'002C' (USF3ENVE).             @N2A
                                  6500+***                                                               @N2A
                           00001  6501+USF3XMES EQU   X'0001'        CROSS MEMORY SUSPEND FAILURE        @N2A O1-ISTUS
                           00002  6502+USF3XMER EQU   X'0002'        CROSS MEMORY RESUME FAILURE         @N2A O1-ISTUS
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM H V 02 15.46 09/01/98

                                  6504           COPY  MCTDSECT                                                    00010405
                                  6505 *                                                                          00100000
                                  6506 *               DSECT OF MULTI-REGION MASTER COMMUNICATIONS TABLE (MCT)    00200000
                                  6507 *                                                                          00300000
000000                            6508 MCTDSECT DSECT ,                                                           00400000
000000                            6509 MCTNEXT  DS    A                  ADDRESS OF NEXT TABLE ENTRY              00500000
000004                            6510 MCTRGNID DS    CL8                REGION IDENTIFIER                        00600000
00000C                            6511 MCTCB    DS    A                  TCB ADDRESS - ASCB IF IN MVS.      SK    00700000
000010                            6512 MCTCHANS DS    H                  NUMBER OF COMMUNICATIONS CHANNELS        00800000
000012                            6513 MCTLGCHN DS    H                  NUMBER OF SYNCH LOGGING CHANNELS         00900000
000014                            6514 MCTCRCB  DS    F                  C/R TCB ADDRESS - ASCB IF IN MVS   SB    01000000
000018                            6515          DS    F                  RESERVED                           SB    01100000
                                  6516 *                                                                          01200000
                                  6517 *               STATUS POSTING CHANNEL                                     01300000
                                  6518 *                                                                          01400000
00001C                            6519 MCTECBCN DS    F                  CONTROL REGION'S STATUS ECB              01500000
000020                            6520 MCTECBST DS    F                  SATELLITE REGION'S STATUS ECB            01600000
                                  6521 *                                                                          01700000
                                  6522 *               CONTROL REGION'S OUTPUT CHANNEL, ALSO IS SATELLITE         01800000
                                  6523 *                   REGION'S INPUT CHANNEL.                                01900000
                                  6524 *                                                                          02000000
000024                            6525 MCTECB1  DS    F                  POSTED BY C/R WITH MSG. ADDR.            02100000
000028                            6526 MCTECB2  DS    F                  WAITED ON BY C/R FOR ACK.                02200000
                                  6527 *                                                                          02300000
                                  6528 *               CONTROL REGION'S INPUT CHANNEL, ALSO IS SATELLITE          02400000
                                  6529 *                   REGION'S OUTPUT CHANNEL                                02500000
                                  6530 *                                                                          02600000
00002C                            6531 MCTECB3  DS    F                  POSTED BY S/R WITH ADDR. OF MSG.         02700000
000030                            6532 MCTECB4  DS    F                  WAITED ON BY S/R FOR ACK.                02800000
                                  6533 *                                                                          02900000
                                  6534 *               ASYNCHRONOUS LOGGING CHANNEL                               03000000
                                  6535 *                                                                          03100000
000034                            6536 MCTECB5  DS    F                  POSTED BY S/R WITH MSG. ADDR.            03200000
000038                            6537 MCTECB6  DS    F                  WAITED ON BY S/R FOR ACK.--O.S. WAIT     03300000
                                  6538 *                                                                          03400000
                                  6539 *               SYNCHRONOUS LOGGING CHANNEL                                03500000
                                  6540 *                                                                          03600000
00003C                            6541 MCTECB7  DS    F                  POSTED BY S/R WITH MSG. ADDR.            03700000
000040                            6542 MCTECB8  DS    F                  WAITED ON BY S/R FOR ACK.                03800000
                                  6543 *                                                                          03900000
                                  6544 *               THE ABOVE ECB'S MAY BE POSTED WITH THE FOLLOWING CODES     04000000
                                  6545 *               IN BITS 2-7 ---                                            04100000
                                  6546 *                                                                          04200000
                         00000    6547 MCTSTART EQU   X'00'              NORMAL STARTUP                           04300000
                         00004    6548 MCTRSTRT EQU   X'04'              RESTART CODE                             04400000
                         00008    6549 MCTCLOSE EQU   X'08'              CLOSEDOWN CODE                           04500000
                         00004    6550 MCTRETRY EQU   X'04'              RETRY OPERATION CODE                     04600000
                                  6551 *                                                                          04700000
                         00004    6552 MCTRC04  EQU   4                                                     SB    04800000
                         00008    6553 MCTRC08  EQU   8                                                     SB    04900000
                         0000C    6554 MCTRC12  EQU   12                                                    SB    05000000
                         00010    6555 MCTRC16  EQU   16                 CROSS MEMORY POST FAILURE          SB    05100000
                                  6556 *                                                                          05200000
                         00005    6557 MCTMAXCH EQU   (*-MCTECBCN)/8     MAXIMUM NO. OF ECB CHANNELS.       SK    05300000
000044                            6558          DS    OF                                                         05400000
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98
                                  6559 *                                                                    SB 05500000


                                  6561 *                                                                    SB 05700000
000044                            6562          DS    2F                  RESERVED                        SB 05800000
                                  6563 *                                                                    SB 05900000



                                  6565 *             OFFSET FROM START OF THIS MCT TO CSA SAVE AREAS FOR:    SB 06100000
00004C                            6566 MCTQOFF  DS    H                   MRQMNGR                         SB 06200000
00004E                            6567 MCTOOFF  DS    H                   MROTPUT                         SB 06300000
000050                            6568          DS    2H                  RESERVED                        SB 06400000
                                  6569 *                                                                    SB 06500000
                                  6570 *         EACH SAVE AREA CONSISTS OF A HEADER FOLLOWED BY INDIVIDUAL SB 06600000
                                  6571 *         SAVE AREAS.  THE FIRST SA IS FOR PREACQUIRED CSA.          SB 06700000
                                  6572 *         THE SECOND SA IS FOR DYNAMICALLY ACQUIRED CSA.             SB 06800000
                                  6573 *         THREAD NUMBER FOR PREACQUIRED CSA IS ALWAYS ZERO.          SB 06900000
                                  6574 *         THE THREAD NUMBER  MAINTAINED FOR DYNAMICALLY ACQUIRED CSA SB 07000000
                                  6575 *         IS THE NUMBER OF THE REQUESTER.                            SB 07100000
                                  6576 *                                                                    SB 07200000



000000                            6578 MCTCSA   DSECT                                                       SB 07400000
                                  6579 *                                                                    SB 07500000
                                  6580 *         START OF HEADER SECTION                                    SB 07600000
                                  6581 *                                                                    SB 07700000
000000                            6582 MCTCHDR  DS    OF                  START OF HEADER SECTION         SB 07800000
000000                            6583 MCTCCHAN DS    A                   ADDR OF CHANNEL USING THIS CORE SB 07900000
000004                            6584          DS    OF                                                  SB 08000000
                           00004  6585 MCTCHDRL EQU   (*-MCTCHDR)/4*4      LENGTH OF THE HEADER            SB 08100000
                                  6586 *                                                                    SB 08200000
                                  6587 *                                                                    SB 08300000
                                  6588 *         START OF INDIVIDUAL SAVE AREA ENTRIES                      SB 08400000
                                  6589 *                                                                    SB 08500000
000004                     00000  6590          ORG   MCTCSA                                                SB 08600000
000000                            6591 MCTCADDR DS    F                   CSA ADDRESS                     SB 08700000
000004                            6592 MCTCLEN  DS    H                   LEN OF CSA                      SB 08800000
000006                            6593 MCTCT#   DS    X                   THREAD NUMBER (DYNAMIC CSA ONLY) SB 08900000
000007                            6594          DS    X                   RESERVED                        SB 09000000
000008                            6595          DS    OF                                                  SB 09100000
                           00008  6596 MCTCLTH  EQU   *-MCTCADDR           LENGTH OF INDIVIDUAL SAVE AREA  SB 09200000
                                  6597 *                                                                    SB 09300000
                                  6598 *                                                                    SB 09400000
                                  6599 *                                                                    SB 09500000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                   6602           COPY  RDTSECTS                                                 00010605
                                   6603 *                                                                        00100000
                                   6604 *                 REGION DESCRIPTOR TABLE -- REGION ENTRY DSECT          00200000
                                   6605 *                                                                        00300000
000000                             6606 RGNDSECT DSECT ,                                                         00400000
                                   6607 *                                                                        00500000
                                   6608 *                 HEADER SECTION -- CONSTANTS AND POINTERS               00600000
                                   6609 *                                                                        00700000
000000                             6610 RGNTABID DS    CL8                RDT TABLE IDENTIFIER                   00800000
000008                             6611 RGNRGN   DS    A                  ADDR. OF REGION TABLE CSECT            00900000
00000C                             6612 RGNSUB   DS    A                  ADDR. OF SUBSYSTEM TABLE CSECT         01000000
000010                             6613 RGNQINQ  DS    A                  ADDR. OF INTERNAL QUEUES CSECT         01100000
000014                             6614 RGNQEXQ  DS    A                  ADDR. OF EXTERNAL QUEUES CSECT         01200000
000018                             6615 RGNQDDNS DS    A                  ADDR. OF DD NAMES CSECT                01300000
00001C                             6616 RGNRDTNM DS    CL8                NAME OF CURRENT LOADED RDT             01400000
000024                             6617 RGNNORGN DS    X                  NUMBER OF REGIONS IN SYSTEM            01500000
000025                             6618          DS    XL3                RESERVED                               01600000
000028                             6619 RGNPASSW DS    A                  ADDR. OF PASSWORD TABLE           SB   01700000
                                   6620 *                                                                        01800000
00002C                             6621          DS    OF                                                     01900000
                             0002C 6622 RGNHDLEN EQU   *-RGNDSECT          LENGTH OF HEADER SECTION               02000000
                                   6623 *                                                                        02100000
                                   6624 *                 DETAIL REGION ENTRIES                                  02200000
                                   6625 *                                                                        02300000
00002C                       00000 6626          ORG   RGNDSECT                                                 02400000
                                   6627 *                                                                        02500000
000000                             6628 RGNSW    DS    X                  FIRST FLAGS BYTE -- SETTINGS ARE --    02600000
                             00080 6629 RGNACT   EQU   X'80'             *  REGION IS ACTIVE                    02700000
                             00040 6630 RGNLOG   EQU   X'40'             *  REGION LOGGING REQUESTED            02800000
                             00020 6631 RGNINQ   EQU   X'20'             *  REGION HAS INTERNAL MESSAGE QUEUE   02900000
                             00010 6632 RGNEXQ   EQU   X'10'             *  REGION HAS EXTERNAL MESSAGE QUEUE   03000000
                             00008 6633 RGNNRCD  EQU   X'08'             *  NRCD MESSAGE WAS QUEUED TO REGION   03100000
                             00004 6634 RGNIMCD  EQU   X'04'             *  IMCD MESSAGE SENT TO REGION         03200000
                             00002 6635 RGNNOXRG EQU   X'02'             *NO S/R TO S/R MSGS FROM THIS S/R SB   03300000
                             00001 6636 RGNSTOP  EQU   X'01'             *  REGION INPUT TEMPORARILY STOPPED    03400000
000001                             6637 RGNSW2   DS    X                  SECOND FLAGS BYTE -- SETTINGS ARE --   03500000
                             00080 6638 RGNFLUSH EQU   X'80'             *  REGION QUEUES ARE BEING FLUSHED     03600000
                             00040 6639 RGNDQACT EQU   X'40'             *  REGION MESSAGE DEQUE TASK ACTIVE    03700000
                             00020 6640 RGNSUBQS EQU   X'20'             *  REGION HAS SUBSYSTEM QUEUES         03800000
                             00010 6641 RGNSDQAC EQU   X'10'             *  SUBSYSTEMS QUES DEQUE TASK ACTIVE   03900000
                             00008 6642 RGNRIPUP EQU   X'08'             *  REGION INPUT PROCESSOR IS ACTIVE    04000000
                             00004 6643 RGNRSTRT EQU   X'04'             *  REGION WAS RESTARTED                04100000
                             00002 6644 RGNPOSTD EQU   X'02'             *  THIS REGION'S INPUT CHANNEL POSTD   04200000
                             00001 6645 RGNENQD  EQU   X'01'             *  ENQUE WAS DONE ON INPUT CHANNEL     04300000
000002                             6646 RGNNUMSS DS    H                  NUMBER OF SUBSYSTEMS IN REGION         04400000
000004                             6647 RGNID    DS    CL8                REGION IDENTIFIER                      04500000
00000C                             6648 RGNMNTCB DS    F                  A(TCB) OF MONITOR SUBTASK         SK   04600000
000010                             6649 RGNCSL   DS    H                 LEN OF PRE ACQUIRED CSA            SB   04700000
000012                             6650          DS    H                 RESERVED                           SB   04800000
000014                             6651 RGNDCC   DS    F                 # OF DYN CSA STORAGES SUCCESSFUL   SB   04900000
000018                             6652 RGNMSO   DS    F                 # MSGS SUCC PASSED TO S/R          SB   05000000
00001C                             6653 RGNMSI   DS    F                 # MSGS INPUT TO C/R FROM THIS S/R  SB   05100000
000020                             6654          DS    9F                 RESERVED                          SB   05200000
000044                             6655 RGNMCT   DS    A                  ADDRESS OF REGION'S COMM. CHANNELS     05300000
000048                             6656 RGNINQCB DS    A                  ADDR. OF INTERNAL Q CONTROL BLOCK      05400000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                    ASM H V 02 15.46 09/01/98

00004C                           6657 RGNEXQCB DS    A                  ADDR. OF EXTERNAL Q CONTROL BLOCK    05500000
000050                           6658 RGNSUBAD DS    A                  FIRST SUBSYS ENTRY ADDR. IN RDT      05600000
000054                           6659 RGNRGECB DS    F                  ECB FOR REGION QUEUE                 05700000
000058                           6660 RGNSBECB DS    F                  ECB FOR SUBSYSTEMS QUEUES            05800000
00005C                           6661 RGNMSGS  DS    F                  COUNT OF MESSAGES QUEUED THIS REGION 05900000
                                 6662 *                                                                      06000000
000060                           6663          DS    OF                                                     06100000
                          00060  6664 RGNLNGTH EQU   *-RGNDSECT          LENGTH OF REGION ENTRY               06200000
                                 6665 *                                                                      06300000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                   6667 *                                                                      06500000
                                   6668 *               REGION DESCRIPTOR TABLE -- SUBSYSTEM ENTRY DSECT       06600000
                                   6669 *                                                                      06700000
000000                             6670 SUBDSECT DSECT ,                                                       06800000
                                   6671 *                                                                      06900000
                                   6672 *               HEADER SECTION -- PARAMETER LIST FOR BINARY SEARCH      07000000
                                   6673 *                                                                      07100000
000000                             6674 SUBARGUM DS     A                   ADDR. OF ARGUMENT                  07200000
000004                             6675 SUBSUBNO DS     F                   NO. OF SUBSYSTEMS IN TABLE         07300000
000008                             6676 SUBSUBLN DS     F                   LENGTH OF A TABLE ENTRY            07400000
00000C                             6677 SUBSUBAD DS     A                   ADDR. OF SUBSYSTEMS TABLE          07500000
000010                             6678 SUBSUBOF DS     F                   OFFSET TO COMPARAND IN A TABLE ENTRY 07600000
000014                             6679 SUBARGLN DS     F                   LENGTH OF ARGUMENT                 07700000
                                   6680 *                                                                      07800000
000018                             6681          DS     OF                                                     07900000
                             00018 6682 SUBHDLEN EQU    *-SUBDSECT          LENGTH OF HEADER SECTION           08000000
                                   6683 *                                                                      08100000
                                   6684 *               DETAIL SUBSYSTEMS ENTRIES                              08200000
                                   6685 *                                                                      08300000
000018                       00000 6686          ORG    SUBDSECT                                               08400000
                                   6687 *                                                                      08500000
000000                             6688 SUBNEXT  DS     H                   OFFSET/4 TO NEXT S/S ENTRY IN REGION 08600000
000002                             6689 SUBRGN   DS     H                   OFFSET/4 TO REGION ENTRY           08700000
000004                             6690 SUBCODES DS     OCL2                SUBSYSTEM CODES                    08800000
000004                             6691 SUBCHI   DS     X                   HIGH BYTE OF SUBSYSTEM CODE        08900000
000005                             6692 SUBCLO   DS     X                   LOW BYTE OF SUBSYSTEM CODE         09000000
000006                             6693 SUBRGNUM DS     X                   REGION NUMBER IN RDT TABLE.        09100000
000007                             6694 SUBSW    DS     X                   FIRST FLAGS BYTE -- SETTINGS ARE --  09200000
                             00080 6695 SUBACT   EQU    X'80'               *  SUBSYS ENABLED FOR INPUT        09300000
                             00040 6696 SUBLOG   EQU    X'40'               *  MSGS. FOR SUBSYS TO BE LOGGED   09400000
                             00020 6697 SUBLSYNC EQU    X'20'               *  LOGGING IS TO BE SYNCHRONOUS    09500000
                             00010 6698 SUBRSTRT EQU    X'10'               *  RESTART MESSAGES FOR SUBSYS     09600000
                             00008 6699 SUBFLUSH EQU    X'08'               *  FLUSH MESSAGES IF REGION DOWN   09700000
                             00004 6700 SUBALT   EQU    X'04'               *  SUBSYS IS ALSO IN ALTERNATE REGN. 09800000
                             00002 6701 SUBFLING EQU    X'02'               *  S/S MESSAGES ARE BEING PURGED   09900000
                             00001 6702 SUBMULTI EQU    X'01'               * DUPL S/S CODES ACROSS REGIONS   SB 10000000
000008                             6703 SUBEXQCB DS     A                   ADDR. OF EXTERNAL Q CONTROL BLOCK  10100000
00000C                             6704 SUBMSGS  DS     F                   COUNT OF MESSAGES QUED THIS S/S    10200000
000010                             6705 SUBHOLD  DS     A                   ADDR. OF MESSAGE DEQUED FROM S/S QUE 10300000
000014                             6706 SUBQSPAC DS     H                   EXTENT SIZE OF EXTERNAL QUEUE      10400000
000016                             6707 SUBALTOF DS     H                   OFFSET/4 TO ALTERNATE REGION ENTRY 10500000
                                   6708 *                                                                      10600000
000018                             6709          DS     OF                                                     10700000
                             00018 6710 SUBLNGTH EQU    *-SUBDSECT          LENGTH OF SUBSYSTEM ENTRY          10800000
                                   6711 *                                                                      10900000
```

```
                                 6713 *                                                                 11100000
                                 6714 *               INTERNAL MESSAGE QUEUE CONTROL BLOCK DSECT        11200000
                                 6715 *                                                                 11300000
000000                           6716 INQDSECT DSECT ,                                                  11400000
000000                           6717 INQEND   DS    H                 OFFSET FROM FIRST TO LAST Q ELEMENT  11500000
000002                           6718 INQEMPTY DS    H                 OFFSET TO FIRST EMPTY Q ELEMENT      11600000
                                 6719 *                                                                 11700000
                          00004  6720 INQFIXLN EQU   *-INQDSECT        LENGTH OF FIXED PART OF CONTROL BLOK 11800000
                                 6721 *                                                                 11900000
000004                           6722 INQELEMS DS    OF                *** START OF QUEUE ELEMENTS ***      12000000
                                 6723 *                                                                 12100000
                                 6724 *               EXTERNAL MESSAGE QUEUE CONTROL BLOCK DSECT        12200000
                                 6725 *                                                                 12300000
000000                           6726 EXQDSECT DSECT ,                                                  12400000
000000                           6727 EXQDDNAM DS    H                 OFFSET/4 TO DD NAME OF Q DATA SET    12500000
000002                           6728 EXQSPACE DS    H                 NUMBER OF BLOCKS PER Q EXTENT        12600000
000004                           6729 EXQQCB   DS    A                 ADDRESS OF DDQ Q CONTROL BLOCK       12700000
000008                           6730 EXQMSGS  DS    F                 NUMBER OF MESSAGES ON QUEUE          12800000
00000C                           6731 EXQRECSZ DS    H                 SIZE OF LARGEST MESSAGE ON QUEUE     12900000
00000E                           6732 EXQSW    DS    X                 FIRST FLAGS BYTE -- SETTINGS ARE --  13000000
                          00080  6733 EXQBUILT EQU   X'80'             *  QBUILD WAS ISSUED                 13100000
                          00040  6734 EXQIOERR EQU   X'40'             *  I/O ERROR ON QUEUE DATA SET       13200000
                          00020  6735 EXQFULL  EQU   X'20'             *  QUEUE IS FULL                     13300000
                          00010  6736 EXQBLKED EQU   X'10'             *  EXTERNAL Q IS BLOCKED             13400000
00000F                           6737          DS    X                 RESERVED                             13500000
                                 6738 *                                                                 13600000
000010                           6739          DS    OF                                                   13700000
                          00010  6740 EXQLNGTH EQU   *-EXQDSECT        LENGTH OF EXTERNAL Q CONTROL BLOCK   13800000
                                 6741 *                                                                 13900000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                   6743           COPY  MPWDSECT                                              00010805
000000                             6744 MPWDSECT  DSECT                                                      00001000
                                   6745 *                                                                    00002000
                                   6746 *                 HEADER SECTION                                     00003000
                                   6747 *                                                                    00004000
000000                             6748 MPWNUM    DS    X                  NUMBER OF PASSWORDS               00005000
000001                             6749           DS    X                  RESERVED                          00006000
000002                             6750           DS    OH                                                   00007000
                             00002 6751 MPWHDLEN  EQU   *-MPWDSECT                                           00008000
                                   6752 *                                                                    00009000
                                   6753 *                 DETAIL SECTION                                     00010000
                                   6754 *                                                                    00011000
000002                       00000 6755           ORG   MPWDSECT                                             00012000
                                   6756 *                                                                    00013000
000000                             6757 MPWPASSW  DS    CL8                PASSWORD                          00014000
000008                             6758 MPWRGNUM  DS    AL1                REGION NUMBER                     00015000
000009                             6759           DS    X                  RESERVED                          00016000
                                   6760 *                                                                    00017000
                             00008 6761 MPWPASLN  EQU   MPWRGNUM-MPWPASSW  LENGTH OF PASSWORD              00018000
                             0000A 6762 MPWLNGTH  EQU   *-MPWDSECT         LENGHT OF DETAIL SECTION          00019000
                                   6763 *                                                                    00020000
```

```
  LOC  OBJECT CODE     ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                    6765          SECTB                                                      00011005
000000                              6766+SECTDSCT DSECT                                                      01-SECTB
000000                              6767+HSECOFFS DS    XL2                  OFFSET TO THE NEXT ENTRY.       01-SECTB
000002                              6768+HSECFLAG DS    X                    FLAGS.                          01-SECTB
                              00080 6769+HSECUNVR EQU   X'80'                UNIVERSAL ENTRY.                01-SECTB
                              00040 6770+HSECAUTO EQU   X'40' AUTOMATIC SIGN-OFF NOT USED WITH THIS TERMINAL  01-SECTB
000003                              6771+HSECMAXT DS    X                    MAXTIME SIGN-ON.                01-SECTB
000004                              6772+HSECTIME DS    XL4                  TERMINAL TIME-OUT INTERVAL.     01-SECTB
000008                              6773+HSECRBN  DS    XL2                  RBN IF ON DISK.                 01-SECTB
00000A                              6774+HSECODE  DS    XL4                  OPERATOR THAT SIGNED-ON.        01-SECTB
00000E                              6775+HSECOUNT DS    X                    # OF TIMES OPERATOR FAILED.     01-SECTB
00000F                              6776+HSECMSKL DS    X                    LENGTH OF SECURITY MASK * 8.    01-SECTB
000010                              6777+HSECMSKO DS    X  OFFSET * 8 WITHIN SECURVRB OR BTVRBTB.           01-SECTB
                              00011 6778+HSECMASK EQU   *                    SECURITY MASK.                  01-SECTB
000014                              6779+HSECOPER DS    OF                   OPERATOR #.                     01-SECTB
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                  6781           COPY  CHKPTDST                                                00011205
                                  6782 *                                                                      00002000
                                  6783 *                                                                      00004000
                                  6784 *       C H E C K   P O I N T   F I L E   D S E C T S                  00006000
                                  6785 *                                                                      00008000
                                  6786 *       **********************************************                 00010000
                                  6787 *                                                                      00012000
                                  6788 *                                      VERSION IV.1 PTF#41000 9/14/71  00014000
                                  6789 *       CHECKPOINT BLOCK INFORMATION                                   00016000
                                  6790 *       ****************************                                   00018000
                                  6791 *                                                                      00020000
000000                            6792 CHKBLK   DSECT                                                        00022000
000000                            6793 BLKRBN   DS    F                 BLOCK RBN                            00028000
000004                            6794 BLKRCT   DS    H                 NUMBER OF RECORDS IN BLOCK           00030000
000008                            6795          DS    OF                FULLWORD BOUNBARY                    00031000
                            00008 6796 CHKBLSZ  EQU   *                                                      00032000
000008                            6797          DS    48F               DATA AREA DETERMINED BY BLOCKSIZE    00034000
                                  6798 *                                                                      00036000
                                  6799 *                                                                      00038000
                                  6800 *       CHECKPOINT FILE DIRECTORY                                      00040000
                                  6801 *       *************************                                      00042000
                                  6802 *                                                                      00044000
000000                            6803 CHPDIR   DSECT                                                        00046000
000000                            6804 STAFRBN  DS    F                 FIRST RBN OF STATION TABLE           00048000
000004                            6805 STALRBN  DS    F                 LAST  RBN OF STATION TABLE           00050000
                                  6806 *                                                                      00052000
000008                            6807 FTBFRBN  DS    F                 FIRST RBN OF FILE TABLE              00054000
00000C                            6808 FTBLRBN  DS    F                 LAST  RBN OF FILE TABLE              00056000
                                  6809 *                                                                      00070000
000010                            6810 TMTFRBN  DS    F                 FIRST RBN OF TIMETABLE               00072000
000014                            6811 TMTLRBN  DS    F                 LAST  RBN OF TIMETABLE               00074000
                                  6812 *                                                                      00076000
000018                            6813 DIRRBN   DS    F                 RBN OF DIRECTORY RECORD              00078000
00001C                            6814 DIRTIME  DS    F                 CHECK POINT TIME                     00080000
000020                            6815 SPAFRBN  DS    F                 FIRST RBN OF SPALIST                 00082000
000024                            6816 SPALRBN  DS    F                 LAST  RBN OF SPALIST                 00084000
                                  6817 *                                                                      00086000
000028                            6818 SCTFRBNC DS    F                 FIRST RBN FOR THE SPALIST            00088000
00002C                            6819 SCTLRBN  DS    F                 LAST  RBN OF SPALIST                 00090000
000030                            6820 DIRRLTME DS    F                 REAL TIME OF CHECKPOINT              00091000
                                  6821 *                                                                      00092000
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                  6823 *                                                                    00096000
                                  6824 *       CHECKPOINT STATION TABLE DATA                                00098000
                                  6825 *       ****************************                                 00100000
                                  6826 *                                                                    00102000
000000                            6827 CHPSTTB  DSECT                                                       00104000
000000                            6828 CHPCMP   DS    XL2                 COMPANY NUMBER                    00106000
000002                            6829 CHPUSCD  DS    XL1                 USER CODE                         00108000
000003                            6830 CHPTRID  DS    CL5                 TERMINAL I.D                      00110000
000008                            6831 CHPALTRN DS    CL5                 ALTERNATE TERMINAL                00112000
                            0000D 6832 CHPSTSZ  EQU   *-CHPSTTB           RECORD SIZE                       00114000
                                  6833 *                                                                    00116000
                                  6834 *                                                                    00118000
                                  6835 *       CHECKPOINT FILE TABLE DATA                                   00120000
                                  6836 *       *************************                                    00122000
                                  6837 *                                                                    00124000
000000                            6838 CHKFTB   DSECT                                                       00126000
000000                            6839 CHKFNAM  DS    D                   FILE NAME                         00128000
000008                            6840 CHKLNUM  DS    F                   LAST NUMBER GENERATED             00130000
00000C                            6841 CHKFTSW  DS    CL1                 SWITCHES                          00132000
                            0000D 6842 CHKFTSZ  EQU   *-CHKFTB            RECORD SIZE                       00136000
                                  6843 *                                                                    00138000
                                  6844 *                                                                    00174000
                                  6845 *       CHECKPOINT SPALIST DATA                                      00176000
                                  6846 *       ***********************                                      00178000
                                  6847 *                                                                    00180000
000000                            6848 CHKSPA   DSECT                                                       00182000
000000                            6849 CHKTNMP  DS    F                   TOTAL MESSAGES PROCESSED          00184000
000004                            6850 CHKMSNM  DS    F                   MONITOR SEQUENCE NUMBER           00186000
000008                            6851 CHKREEL# DS    F                   REEL# AND INTERNAL SEQ OF MSG COMPL 00186100
00000C                            6852 CHKCANC  DS    H                   NUMBER OF MESSAGES CANCEL         00188000
00000E                            6853 CHKINVMG DS    H                   NUMBER OF MESSAGES CANCEL INVALID ED 00190000
000010                            6854 CHKCISC  DS    H                   NUMBER OF MESSAGES CANCEL MSGCOLLECT 00192000
000012                            6855 CHKCIOE  DS    H                   NUMBER OF MESSAGES CANCEL I/O ERROR 00194000
000014                            6856 CHKCNQS  DS    H                   NUMBER OF MESSAGES CANCEL NO QUEUE 00196000
000016                            6857 CHKGENSW DS    XL1                 AREA CK AND MIDNITE SWITCH        00198000
000017                            6858 CHKUSERL DS    XL2                 LENGTH OF THE USER AREA           00199000
000019                            6859 CHKUSER  DS    0C                  AREA CHECKPOINTED STARTS HERE     00199020
                            00019 6860 CHKSPASZ EQU   *-CHKSPA                                              00200000
                                  6861 *                                                                    00202000
                                  6862 *       CHECKPOINT SYSTEM CONTROL TABLE                              00204000
                                  6863 *                                                                    00206000
                                  6864 *                                                                    00208000
000000                            6865 CHKSCT   DSECT                                                       00210000
000000                            6866 CHKSUBC  DS    CL2                 TWO BYTE SUCODE                   00212000
000002                            6867 CHKSCCAN DS    H                   TOTAL CANCEL FOR SUBSYSTEM        00214000
000004                            6868 CHKSCMP  DS    F                   TOTAL PROCESS FOR SUBSYSTEM       00216000
                            00008 6869 CHKSCTSZ EQU   *-CHKSCT            RECORD SIZE                       00218000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                        ASM H V 02 15.46 09/01/98

                                   6871          STUSWRCD                                                          00011405
000000                             6872+STUSWRCD DSECT                                                             01-STUSW
000000                             6873+STUSWTYP DS    C'STARTUP'   "STARTUP" OR "RESTART"                       01-STUSW
000007                             6874+         DS    C' '                                                      01-STUSW
000008                             6875+STUSWCNT DS    H            COUNT OF RESTART TRYS                        01-STUSW
00000A                             6876+         DS    H              --UNUSED--                                 01-STUSW
00000C                             6877+STUSWTIM DS    F            RESTART TIME PASSED FROM PMITOTRS TO DBRSTRT 01-STUSW
000010                             6878+         DS    F              --UNUSED--                                 01-STUSW
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                ASM H V 02 15.46 09/01/98

                                   6880          COPY   LOGCHK                                00011605
000000                             6881 LOGCHK   DSECT                                      00001000
000000                             6882 LCHDR    DS     CL42                               00002000
00002A                             6883 LCTIM    DS     CL4                                00003000
00002E                             6884 LCTNMP   DS     CL4                                00004000
000032                             6885 LCMSNM   DS     CL4                                00005000
000036                             6886 LCCANC   DS     CL2                                00006000
000038                             6887 LCINVMG  DS     CL2                                00007000
00003A                             6888 LCCIOE   DS     CL2                                00008000
00003C                             6889 LCCISC   DS     CL2                                00009000
00003E                             6890 LCCNQS   DS     CL2                                00010000
000040                             6891 LCGENSW  DS     CL1                                00011000
                           00041   6892 LCLTH    EQU    *-LOGCHK                           00012000
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98
                                  6894           COPY  LOGDCLGB                                                00011805
                                  6895           GBLA  &NBRETRN  NUM OF BYTES RETURNED TO OS BY LOGANE15       X00001000
                                                               INCREASE IF SORT PGM COMPLAINS OR              X00002000
                                                               ABENDS WITH S804; REASM LOGANE15                00003000
                                  6896           GBLA  &MXMIPFT  MAX NUM OF MSGS IN PROG FOR A TRANSACTION     X00004000
                                                               INCREASE IF ERR LA046I; REASM LOGANE15          00005000
                                  6897           GBLA  &MXSS     MAX NUM OF SUBSYS OR VERBS FOR LOGHIST         X00006000
                                                               INCREASE IF ERR LA051I; REASM LOGSSTAB,LOGHIST 00007000
                                  6898           GBLA  &MXMIFAM  MAX NUM OF MSG IN 'FAMILY'=PARENT & CHILDREN  X00008000
                                                               FROM ONE INPUT MSG;                            X00009000
                                                               INCREASE IF ERR LA036I; REASM LOGRESP           00010000
                                  6899           GBLA  &MXDIFSS  MAX NUM OF DIFFERENT SUBSYS USED IN PROC       X00011000
                                                               ALL TYPE OF INPUT TO ONE PARENT SUBSYS;        X00012000
                                                               INCREASE IF ERR LA035I; REASM LOGRESP,LOGRSRPT 00013000



                                  6901           COPY  LOGSETGB                                                00012005
                                  6902 &NBRETRN  SETA  64*1024   SYNCSORT NEEDS 64K, SM1 NEEDS 4K              00001000
                                  6903 &MXMIPFT  SETA  16        MSGS IN PROGRESS                              00002000
                                  6904 &MXSS     SETA  100       MAX NUM OF SUBSYS (MULTIPLE OF 20)            00003000
                                  6905 &MXMIFAM  SETA  16        MAX MSGS IN A 'FAMILY'                        00004000
                                  6906 &MXDIFSS  SETA  10        MAX NM OF DIF SUBSYS                          00005000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                   6908           COPY   SAMCB                                              00012205
000000                             6909 SAMCB     DSECT                                                     00000100
000000                             6910 SAMBUCTS  DS     H        NUMBER OF EXTERNAL BUCKETS IN EACH RANGE-GRP 00000200
000004                             6911 SAMRANGE  DS     A        ADDRESS OF THE BUCKET RANGE-GROUPS          00000300
000008                             6912 SAMMAP    DS     256X     MAPPING OF TYPES TO BUCKETS                 00000400
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                          ASM H V 02 15.46 09/01/98

                                   6914          STALIST                                                                00012405
000000                             6915+STADSECT DSECT                                                                  01-STALI
                                   6916+*        HEADER INFORMATION FOR EACH COMPANY
000000                             6917+STACMP   DS    XL2                COMPANY NUMBER                              01-STALI
000002                             6918+STAOFFST DS    XL2                OFFSET TO NEXT COMPANY IN TABLE             01-STALI
000004                             6919+STANMTPU DS    XL2                NUMBER OF TPU'S THIS COMPANY                01-STALI
                              00006  6920+STAHDSZ  EQU   *-STACMP           SIZE OF HEADER PORTION                      01-STALI
                                   6921+*        DETAIL ENTRIES FOR EACH TPU
000006                             6922+STATRMID DS    OCL5               TERMINAL ID(AAANN)                          01-STALI
000006                             6923+STACITY  DS    CL3                  CITY - AAA                                01-STALI
000009                             6924+STAUNIT  DS    CL2                  UNIT - NN                                 01-STALI
00000B                             6925+STASECNB DS    XL2       STATION SECURITY TABLE INDEX POINTER PTF41000       01-STALI
00000D                             6926+STAIOCDE DS    X                  I/O CODE                                    01-STALI
00000E                             6927+STAUSCDE DS    X                  USE CODE                                    01-STALI
00000F                             6928+         DS    XL6                UNUSED  (WAS RJE INFO)     REL 10-CH       01-STALI
000015                             6929+STAMMUDV DS    CL1                MMU DEVICE TYPE                    SY       01-STALI
000016                             6930+STADVMOD DS    AL2                OFFSET TO DEVICE MODIFIER EXTENSIOSY        01-STALI
000018                             6931+         DS    XL3                UNUSED                             SY       01-STALI
00001B                             6932+STAMSMSK DS    XL2                MESSAGE MASK FOR THIS TPU                   01-STALI
00001D                             6933+STAALTRN DS    CL5                ALTERNATE TPU FOR THIS TPU                  01-STALI
000022                             6934+         DS    XL2                UNUSED - WAS STASEQNO   REL 10    CH       01-STALI
                              0001E  6935+STADETSZ EQU   *-STATRMID                                                    01-STALI
                                   6936+*
                                   6937+*        BITS IN STAIOCDE FIELD
                                   6938+*
                              00020  6939+STOUTPUT EQU   X'20'              THIS IS AN OUTPUT TPU                       01-STALI
                              00010  6940+STINPUT  EQU   X'10'              THIS IS AN INPUT TPU                        01-STALI
                              00030  6941+STAINOUT EQU   X'30'              THIS IS AN INPUT/OUTPUT TPU                 01-STALI
                              00003  6942+STAMMU   EQU   X'03'              IF DEVTYPE LE 3 THEN MMU DEVICE   SY       01-STALI
                              00001  6943+STA1403  EQU   X'01'                 1403 PRINTER                           01-STALI
                              00002  6944+STA2780  EQU   X'02'                 IBM 2880                               01-STALI
                              00003  6945+STA2740  EQU   X'03'                 IBM 2740                               01-STALI
                              00004  6946+STA2260  EQU   X'04'                 IBM 2260                               01-STALI
                              00005  6947+STAASR35 EQU   X'05'                 ASR 35 (TTY)                           01-STALI
                              00007  6948+STA1050  EQU   X'07'                 IBM 1050                               01-STALI
                              00008  6949+STA32701 EQU   X'08'                 IBM 3270 - MODEL 1                RB   01-STALI
                              00009  6950+STA32702 EQU   X'09'                 IBM 3270 - MODEL 2 (AND UP)       RB   01-STALI
                                   6951+*
                                   6952+*        BITS IN STAUSCDE FIELD
                                   6953+*
                              00080  6954+STDVCDN  EQU   X'80'              THIS TPU IS NOT OPERATIONAL                 01-STALI
                              00040  6955+STDVASN  EQU   X'40'              THIS TPU IS CURRENTLY ASSIGNED TO A         01-STALI
                                   6956+*                                        SEGMENTED MESSAGE
                              00020  6957+STASECON EQU   X'20'              STATION USES SIGN-ON/OFF     PTF41000      01-STALI
                              00010  6958+STASECTM EQU   X'10'             VERB SECURITY MASK IS PRESENT PTF41000      01-STALI
                              00008  6959+STASECUP EQU   X'08'              THIS TPU HAS BEEN SIGNED-ON  PTF41000      01-STALI
                              00004  6960+STACNTRL EQU   X'04'           THIS TPU WAS THE CONTROL STATION PTF41000      01-STALI
                              00002  6961+STAOVERF EQU   X'02'              BUFFER OVER-FLOW OCCURED     PTF41000      01-STALI
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                  6963          DVMODIFY DSECT=YES                                        00012605

000000                            6965+DEVMODFY DSECT                                                     01-DVMOD

                                  6967+*    DSECT FOR DEVICE MODIFIER TABLE EXTENSION TO THE STATION TABLE

000000                            6969+DVMBUFSZ DS    H *               BUFFER SIZE                       01-DVMOD
000002                            6970+DVMNOLIN DS    H *               NO. OF LINES                      01-DVMOD
000004                            6971+DVMLINSZ DS    X *               LENGTH OF LINE                    01-DVMOD
000005                            6972+DVMDVFLG DS    X *               DEVICE FLAGS                      01-DVMOD
                            00080 6973+DVMHDCPY EQU   X'80'             HARD COPY DEVICE                  01-DVMOD
                            00040 6974+DVMALTBF EQU   X'40'             LINSZ/BUFSZ DEFINES 3270 ALT. BUFFER 01-DVMOD

                            00006 6976+DVMENTLN EQU   *-DEVMODFY         LENGTH OF ENTRY                   01-DVMOD

                                  6978+*    NOTE - AFTER MERGE OF DEVICE MODIFIER ENTRY AND DEVICE
                                  6979+*           ENTRY, IF BUFFER SIZE AND NUMBER OF LINES ARE
                                  6980+*           BOTH ZERO THEN THE DEVICE PAGE HAS AN INFINITE
                                  6981+*           NUMBER OF LINES, I.E., A PAGE OVERFLOW CONDITION
                                  6982+*           IS IMPOSSIBLE.
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                  ASM H V 02 15.46 09/01/98

                                   6984           COPY  DEVLISTC                                                00012805
                                   6985 *                                  LAST REVISON-4/5/82-RELEASE 9.0    CH 00002000
000000                             6986 DEVDSECT  DSECT                                                        00004000
000000                             6987 DEVTYPE   DS    X                        DEVICE TYPE                  00006000
                             0000F 6988 DEVMMUDV  EQU   X'0F'          IF GT THAN 15 THEN MMU DEVICE ENTRY   SY 00007000
                                   6989 *                                                                      00007500
000001                             6990 DEVLNGTH  DS    X                        LINE LENGTH FOR DEVICE       00008000
000002                             6991 DEVEND    DS    X        SWITCH BYTE - END OF LINE CHARACTER FOR DECICE 00010000
                             00080 6992 DEVNLBIT  EQU   X'80'                    USES NL CHARACTER            00010100
                             00040 6993 DEVCRBIT  EQU   X'40'                    USES CR/LF CHARACTERS        00010200
                             00020 6994 DEVCRT    EQU   X'20'                    CRT-TYPE DEVICE              00010300
                             00010 6995 DEVNOCHR  EQU   X'10'                    CR/LF AND NL NOT USED        00010400
                             00008 6996 DEVNOFRT  EQU   X'08'                    CR/LF AND NL WILL NOT BE THE 00010500
                                   6997 *                                        FIRST CHARACTER(S) IN THE MSG. 00010600
                             00004 6998 DEVNOEOB  EQU   X'04'                    NO EOB.                      00010700
                             00002 6999 DEVNOEOT  EQU   X'02'                    NO EOT.                      00010800
                                   7000 *                                                                      00014000
000003                             7001 DEVBUFSZ  DS    XL2                    SIZE OF BUFFER (BUFFERED DEVICE) 00015000
                             00005 7002 DEVSIZE   EQU   *-DEVDSECT                                            00016000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                   7004           COPY  BRODSECT                                              00013005
000000                             7005 BRODSECT  DSECT ,                  DSECT FOR BROADCAST GROUPS          00001000
000000                             7006 BRDTERM   DS    CL5                GROUP NAME                          00002000
000005                             7007 BRDNOTRM  DS    XL2                NO. OF TERMINALS IN THE GROUP       00003000
000007                             7008 BRDDET    DS    OCL6                                                   00004000
000007                             7009 BRDDETT   DS    CL5                DETAIL TERMINAL ID                  00005000
00000C                             7010 BRDDVASN  DS    X                  SWITCH X'FF'=DON'T USE FOR THIS     00006000
                                   7011 *               SEGMENTED REPORT                                    00007000
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                  7013          MMUVT DSECT=YES                                                00013205


                                  7016+*        MMU CONTROL VECTOR TABLE

000000                            7018+MMUTABLE DSECT                                                          01-MMUVT

                                  7020+*        COMMON FIELDS - TABLE HEADER

000000                            7022+MMUSFDD  DS    CL8 *              STORE/FETCH DDNAME FOR MAPS           01-MMUVT
000008                            7023+MMUPGDD  DS    CL8 *              STORE/FETCH DDNAME FOR MAPPED PAGES   01-MMUVT
000010                            7024+MMUDDQDD DS    CL8 *              DDQ DDNAME FOR FRONT-END DDQ  SM1225  01-MMUVT
000018                            7025+MMUDEFDL DS    OCL3 *             SYSTEM DEFAULT POS & KEYWORD DELIMS   01-MMUVT
000018                            7026+MMUDEFSP DS    CL1 *              POSITIONAL (SP) DELIMITOR             01-MMUVT
000019                            7027+MMUDEFFS DS    CL1 *              KEYWORD FIELD START (FS) DELIMITOR    01-MMUVT
00001A                            7028+MMUDEFFE DS    CL1 *              KEYWORD FIELD END (FE) DELIMITOR      01-MMUVT
00001B                            7029+MMUFLDTM DS    X *                MAXIMUM DEFINED FIELD TYPES           01-MMUVT
00001C                            7030+MMUEDVTB DS    A *  (MMUEDVTR-4)  BASE OF EDIT ROUTINE VECTOR           01-MMUVT
000020                            7031+MMUMAXRW DS    H *                MAXIMUM NO. OF ROWS FOR 'INFINITE'    01-MMUVT
                                  7032+*                                     ROW DEVICES
000022                            7033+MMUMAXCL DS    H *                MAXIMUM NO. OF COLUMNS (LENGTH OF)    01-MMUVT
                                  7034+*                                     FOR STRING DEVICE
000024                            7035+         DS    XL4 *              UNUSED                                01-MMUVT


                                  7037+*        DEVICE DEPENDENT MODULE ENTRIES

                           00017  7039+MMUDEVNO EQU   24-1        MAXIMUM NO. OF ALLOWED DEVICES EXCL. ALL      01-MMUVT

000028                            7041+MMUDEVCH DS    XL(MMUDEVNO) *     EACH BYTE CONTAINS A DEVICE TYPE      01-MMUVT
                                  7042+*    CODE. ONLY BYTES FOR ENTRIES THAT EXIST SHOULD BE NON-ZERO
                                  7043+*    (SET TO DEVTYPE CHARACTER).  FOR A BYTE AT POSITION I;
                                  7044+*    (0<=I<=(MMUDEVNO-1)), DEVICE DATA IS AT MMUDDBEG+8*I (USE THE
                                  7045+*    FINDD MACRO).

000040                            7047+MMUDDBEG DS    OF                                                       01-MMUVT

                                  7049+*    FOR EACH GENERATED DEVICE TYPE, THE ADCONS TAKE THE FORM DEFINED
                                  7050+*    BELOW.

000040                            7052+MMUDDMAD DS    A *                ADDRESS OF DEVICE DEPENDENT MODULE    01-MMUVT
000044                            7053+MMUDESCA DS    A *                ADDRESS OF DEFAULT & LOG CHAR TABLE   01-MMUVT

                                  7055+*
                                  7056+*    VECTOR TABLE OF EDIT ROUTINE ADDRESSES INDEXED BY FLDTYPE
                                  7057+*    ADDRESS OF EDIT ROUTINE IS AT C(MMUEDVTB)+4*FLDTYPE
                                  7058+*
000048                            7059+MMUEDVTR DS    OA                                                       01-MMUVT
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                   7061           COPY  MCBDSECT                                                00013405
                                   7062 *                                                                       00001000
                                   7063 *     MCB  -  MAP CONTROL BLOCK - IN-CALLER'S WORKSPACE,PASSED ON ALL   00002000
                                   7064 *               MMU CALLS AS FIRST PARM                                 00003000
000000                             7065 MCB       DSECT                                                         00004000

                                   7067 *   AREAS COMMON TO MAPIN/MAPOUT/MAPEND                                 00006000

000000                             7069 MCBNSRC   DS    OAL4          VALUES OF NEXT/SAME ROW & COL             00008000
000000                             7070 MCBNROW   DS    AL1                'NEXT' ROW                           00009000
000001                             7071 MCBSROW   DS    AL1                'SAME' ROW                           00010000
000002                             7072 MCBNCOL   DS    AL1                'NEXT' COL                           00011000
000003                             7073 MCBSCOL   DS    AL1                'SAME' COL                           00012000

                                   7075 *   THESE FIELDS USED ONLY BY MAPOUT/MAPEND                             00014000

                          00004    7077 MCBPINFO  EQU   *                PAGE BUILDING INFORMATION             00016000

000004                             7079 MCBPAGSZ  DS    OAL2             DEVICE PAGE SIZE IN ROWS X COLUMNS    00018000
000004                             7080 MCBPROW   DS    AL1              NUMBER OF PAGE ROWS                   00019000
000005                             7081 MCBPCOL   DS    AL1              NUMBER OF PAGE COLUMNS                00020000
000006                             7082 MCBAROW   DS    AL1              TRAILER ROW START NUMBER              00021000
000007                             7083 MCBOFLGS  DS    XL1              OUTPUT MAPPING FLAGS                  00022000
                          00080    7084 MCBPOFLW  EQU   X'80'            PAGE OVERFLOW CONDITION IN EFFECT     00023000
                          00040    7085 MCBCMDPR  EQU   X'40'            INDICATE COMMAND CODE PRESENT IN MCB  00023005
                          00020    7086 MCBTRADJ  EQU   X'20'            START/ROW ADJ REQ FOR JUST=TRAIL IF   00023007
                                   7087 *                               MAPGROUP = ERA, BUT NO ALTBUF IN DVM  00023008
                          00010    7088 MCBPFSER  EQU   X'10'            PREVIOUS FESEND ERROR             DMK 00023010
                          00008    7089 MCBMPDAT  EQU   X'08'            SOME DATA HAS BEEN MAPPED             00024000
                          00004    7090 MCBSTRDV  EQU   X'04'            STRING DEVICE - MAXIMUM COLUMNS       00025000
                                   7091 *                                 DETERMINED FROM MMUTABLE            00026000
                          00002    7092 MCBINFRW  EQU   X'02'            INFINITE NO. OF ROWS -                00027000
                                   7093 *                               PAGE OVERFLOW CONDITION IS IMPOSSIBLE 00028000
                          00001    7094 MCBHDCPY  EQU   X'01'            HARD COPY DEVICE                      00029000

000008                             7096 MCBCURPG  DS    A                ADDR OF PAGE CURRENTLY BEING BUILT    00031000
                                   7097 *                                  IN NORMAL FORM(1ST NF BLOCK)       00032000
00000C                             7098 MCBCURNF  DS    OA               CURRENT NORMAL FORM BLOCK ADDRESS     00033000
00000C                             7099 MCBCURBN  DS    X                CURRENT BLOCK NUMBER                  00034000
00000D                             7100 MCBCURBK  DS    AL3              CURRENT BLOCK ADDRESS                 00035000

000010                             7102 MCBNPAGE  DS    H                NO. OF PAGES MAPPED (SO FAR)          00037000
000012                             7103 MCBEPAGE  DS    H                NO. OF PAGES RETRIEVED BY             00038000
                                   7104 *                                 MAPEND (SO FAR)                     00039000
000014                    00012    7105           ORG   MCBEPAGE         USE THIS AREA FOR CMD ALSO  SM1226 00039010
000012                             7106 MCBCMD    DS    X                LOGICAL COMMAND CODE        SM1226 00039020
000013                             7107           DS    X                MAINTAIN ALIGNMENT          SM1226 00039030
000014                             7108 MCBCURSR  DS    H                OUTPUT CURSOR LOCATION                00040000

                          00016    7110 MCBSFKEY  EQU   *                STORE/FETCH KEY USED FOR SAVING AND   00042000
                                   7111 *                                  RETRIEVING COMPLETED PAGES          00043000
000016                             7112 MCBTID    DS    CL5              TERMINAL ID FOR CURRENT PAGE BLDGING  00044000
00001B                             7113 MCBMAPGP  DS    CL8              MAPGROUP NAME                         00045000
000023                             7114 MCBMSN    DS    XL3              MESSAGE NUMBER FOR UNIQUENESS         00046000
000026                             7115 MCBKPAGE  DS    H                PAGE NUMBER FOR UNIQUENESS            00047000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                          ASM H V 02 15.46 09/01/98
000028                           7116 MCBNFBNM DS    H          NORMAL FORM BLOCK NO. WITHIN PAGE    00048000
                          00014  7118 MCBKEYSZ EQU   *-MCBSFKEY SIZE OF STORE/FETCH KEY               00050000
00002A                           7120 MCBWCC   DS    X          LOGICAL CONTROL CHARACTER            00052000
00002B                           7121 MCBDEVT  DS    X          DEVICE SUFFIX CODE                   00053000
                                 7122 *                                                            00054000
00002C                           7123 MCBVERB  DS    CL4        OUTPUT VERB                          00055000
                                 7124 *                                                            00056000
000030                    00030  7125          ORG   MCB+4*12   ALLOCATE 12 FULLWORDS               00057000
000030                           7126          DS    OF                                             00058000
                          00030  7127 MCBSIZE  EQU   *-MCB      SIZE OF MAP CONTROL BLOCK            00059000
```

```
  LOC  OBJECT CODE     ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98
000000                             7129 MDCAREAD DSECT                                                        00013605
                                   7130          COPY  MDCAREA                                                00013705
                                   7131 *                                                                     00001000
                                   7132 *     MMU/DDM COMMUNICATIONS AREA LAYOUT                              00002000
                                   7133 *                                                                     00003000
000000                             7134 MDCAREA  DS    OF                START OF AREA                        00004000
000000                             7135 MDCMODE  DS    X                 MODE                                 00005000
                             00001 7136 MDCMIN   EQU   1                 INPUT                                00006000
                             00002 7137 MDCMOUT  EQU   2                 OUTPUT                               00007000
                                   7138 *                                                                     00008000
000001                             7139 MDCOPT   DS    X                 OPTIONS                              00008010
                             00080 7140 MDCSEGMT EQU   X'80'             PAGE-SIZE > DEVICE-BUFFER-SIZE       00008012
                                   7141 *                               RETURN FOR ADDITIONAL SEGMENTS       00008013
                             0040  7142 MDCOONLY EQU   X'40'             THIS IS AN OUTPUT ONLY DEVICE..      00008014
                                   7143 *                               ...BIT SET BY DDM             SM1226 00008015
                             00001 7144 MDCCREL  EQU   X'01'             COMMAND CODE IS REAL                 00008020
                             00002 7145 MDCWREL  EQU   X'02'             CONTROL CHARACTER IS REAL            00008030
                                   7146 *                                                                     00008040
000002                             7147 MDCAEAL  DS    H                 EXTERNAL AREA LEN   (I/P PARM)       00009000
000004                             7148 MDCAEA   DS    A                 EXTERNAL AREA ADDR  (I/P PARM)       00010000
                                   7149 *                               ABOVE TWO AREAS ARE PROVIDED BY      00011000
                                   7150 *                               THE CALLER FOR INPUT MAPPING AND     00012000
                                   7151 *                               ARE RETURNED BY THE DDM FOR          00013000
                                   7152 *                               OUTPUT MAPPING.                      00014000

000008                             7154 MDCSIZE  DS    0H                MAP SIZE(INPUT)/PAGE SIZE(OUTPUT)    00016000
000008                             7155 MDCNROWS DS    HL1               #ROW                                 00017000
000009                             7156 MDCNCOLS DS    HL1               #COL                                 00018000
00000A                             7157 MDCSTART DS    0H                MAP START POS REL TO (1,1)           00019000
00000A                             7158 MDCSTROW DS    HL1               START ROW                            00020000
00000B                             7159 MDCSTCOL DS    HL1               START COL                            00021000

00000C                             7161 MDCDDMA  DS    A                 ADDR OF DDM                          00023000
000010                             7162 MDCDESCA DS    A                 ADDR OF DEVICE DEFAULT/LOG ATTR TAB  00024000
000014                             7163 MDCSTAAD DS    A                 ADDR OF STATION TABLE ENTRY          00025000
000018                             7164 MDCDEVCA DS    A                 ADDR OF DEVICE TABLE ENTRY           00026000
00001C                             7165 MDCMPADR DS    A                 ADDRESS OF THE MAP                   00026010

000020                             7167 MDCNFC   DS    A                 HEAD OF NORMAL FORM CHAIN            00028000
                                   7168 *                               ABOVE FIELD IS RETURNED BY DDM       00029000
                                   7169 *                               FOR INPUT MAPPING, AND PROVIDED      00030000
                                   7170 *                               BY CALLER FOR OUTPUT MAPPING.        00031000

000024                             7172 MDCDEVT  DS    X                 DEVICE TYPE FROM STATION             00033000
                             00E7  7173 MDCSTDEV EQU   C'X'                  STRING DEVICE TYPE              00034000

000025                             7175 MDCAID   DS    X                 AID BYTE ON I/P IF 3270              00036000
000026                             7176 MDCCURS  DS    XL2               CURSOR BYTES ON I/P /  RELATIVE      00037000
                                   7177 *                               CURSOR LOCATION ON OUTPUT            00038000
000028                             7178 MDCCMD   DS    X                 LOGICAL COMMAND CHARACTER (OUTPUT)   00039000
000029                             7179 MDCWCC   DS    X                 LOGICAL CONTROL CHARACTER (OUTPUT)   00040000
                                   7180 *                                                                     00041000
00002A                             7181 MDCVERB  DS    CL4               VERB (ASSUMED) ON I/P                00042000

00002E                             7183 MDCROWNO DS    H                 DURING SEGMENTING..CONTAINS    SM1226 00044000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                    7184 *
                                                                ROW NO. OF NEXT ROW TO PROCESS      00045000
000030                              7185 MDCBUFSZ DS    H       DEVICE-BUFFER-SIZE..SET BY DDM      00046000
000034                              7186          DS    OF                                          00047000
                                00034 7187 MDCLEN   EQU   *-MDCAREA  SIZE OF MDC AREA             00048000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                  ASM H V 02 15.46 09/01/98

                                   7189           COPY  MMUDSECT                                                  00013905
                                   7190 *    MAP GROUP DEFINITION                                                 00001000

000000                             7192 MAPGROUP DSECT                                                            00003000

000000 0000                        7194 MAPGPLEN DC    Y(0)              OFFSET TO NEXT MAPGROUP                  00005000
000002 4040404040404040            7195 MAPGPNAM DC    CL8' '            MAP GROUP NAME                           00006000
00000A 00                          7196 MAPGPFLG DC    XL1'00'           MAP GROUP FLAGS                          00007000
                          00001    7197 INMODE   EQU   X'01'             THIS IS AN INPUT MAP                     00008000
                          00002    7198 OUTMODE  EQU   X'02'             THIS IS AN OUTPUT MAP                    00009000
                          00003    7199 IOMODE   EQU   INMODE+OUTMODE    THIS IS BOTH AN INPUT AND OUTPUT MAP     00010000
00000B 00                          7200 MAPGPCTL DC    AL1(0)            LOGICAL WRITE CONTROL CHARACTER          00011000
00000C 00                          7201 MAPGPNTR DC    AL1(0)            MAX. NO. TRAILER ROWS THIS MAPGROUP      00012000
00000D 00                          7202 MAPGPNML DC    AL1(0)            GROUP NAME LENGTH AND SUFFIX FLAG        00013000
                          00080    7203 MAPGPSUF EQU   X'80'             SUFFIX PRESENT FLAG                      00014000
                          00040    7204 MAPGPEXP EQU   X'40'             HARDCOPY EXTENSION PRESENT    SM1226     00014010
                          0000E    7205 MAPGPDLN EQU   *-MAPGROUP        LENGTH OF MAPGROUP HEADER                00016000
                                   7206 *                                                              SM1226     00016010
                                   7207 *    HARDCOPY EXTENSION                                        SM1226     00016020
                                   7208 *                                                              SM1226     00016030
00000E                             7209 MAPGPEXT DS    OX          ...START OF EXTENSION...          SM1226     00016040
00000E 00                          7210 MAPGPPRW DC    AL1(0)            NUMBER OF PAGE ROWS            SM1226     00016050
00000F 00                          7211 MAPGPPCL DC    AL1(0)            NUMBER OF PAGE COLUMNS         SM1226     00016060
000010 00                          7212 MAPGPCMD DC    AL1(0)            DEFAULT LOGICAL COMMAND CHARACTER        00016070
000011 00                          7213           DC    AL1(0)           ...UNUSED...                   SM1226     00016080
                          00004    7214 MAPGPELN EQU   *-MAPGPEXT        LENGTH OF EXTENSION            SM1226     00016100

                                   7216 *    MAP DEFINITION                                                       00018000

000000                             7218 MAP      DSECT                                                            00020000

000000 0000                        7220 MAPOFFST DC    Y(0)              OFFSET TO NEXT MAP                       00022000
000002 4040404040404040            7221 MAPNAME  DC    CL8' '            MAP NAME                                 00023000
00000A                             7222 MAPSIZE  DS    OAL2              MAP SIZE (ROWS X COLUMNS)                00024000
00000A 00                          7223 MAPNROWS DC    AL1(0)            NUMBER OF ROWS IN MAP                    00025000
00000B 00                          7224 MAPNCOLS DC    AL1(0)            NUMBER OF COLUMNS IN MAP                 00026000
00000C                             7225 MAPSTART DS    OAL2              MAP STARTING POSITION (ROW,COLUMN)       00027000
00000C 00                          7226 MAPSTROW DC    AL1(0)            STARTING ROW                             00028000
00000D 00                          7227 MAPSTCOL DC    AL1(0)            STARTING COLUMN                          00029000
                          000FF    7228 STSAME   EQU   X'FF'             START IN SAME ROW(COLUMN)                00030000
                          000FE    7229 STNEXT   EQU   X'FE'             START IN NEXT ROW(COLUMN)                00031000
00000E 0000                        7230 MAPDSTSZ DC    AL2(0)            SIZE OF INTERNAL DSECT                   00032000
000010 00                          7231 MAPJUST  DC    XL1'00'           MAP JUSTIFICATION FLAGS                  00033000
                          00001    7232 MAPJLFT  EQU   X'01'             JUSTIFY LEFT                             00034000
                          00002    7233 MAPJRGT  EQU   X'02'             JUSTIFY RIGHT                            00035000
                          00020    7234 MAPZONE  EQU   X'20'                 ACCEPT OVERPUNCH          SM1073     00035100
                          00080    7235 MAPJHDR  EQU   X'80'             JUSTIFY AS HEADER                        00036000
                          00040    7236 MAPJTRL  EQU   X'40'             JUSTIFY AS TRAILER                       00037000
000011 00                          7237 MAPUSAGE DC    XL1'00'           MAP USAGE                                00038000
                          00001    7238 MAPUNORM EQU   X'01'             USAGE IS NORMAL                          00039000
                          00002    7239 MAPUHEAD EQU   X'02'             USE AS HEADER MAP ONLY                   00040000
                          00004    7240 MAPUTRLR EQU   X'04'             USE AS TRAILER MAP ONLY                  00041000

                          00012    7242 MAPDSTLN EQU   *-MAP             LENGTH OF MAP HEADER                     00043000
```

```
  LOC  OBJECT CODE     ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                    7244 *    SEGMENT DEFINITION                                                  00045000

000000                              7246 SEGMENT  DSECT                                                           00047000

000000 0000                         7248 SEGOFFST DC    Y(0)          OFFSET TO NEXT SEGMENT                    00049000
                              00080 7249 SEGNULL  EQU   X'80'        1ST BIT OF OFFSET;INDICATES NULL SEG      00050000
                              00040 7250 SEGSTRCT EQU   X'40'        2ND BIT OF OFFST;INDICATES STRUCTURE       00051000
000002 00                           7251 SEGNFLD  DC    AL1(0)        NUMBER OF FIELD MACROS THIS SEGMENT       00052000
000003 00                           7252 SEGOCCUR DC    AL1(0)        MAX. NUMBER OF OCCURRENCES THIS SEG       00053000
000004 0000                         7253 SEGLEN   DC    AL2(0)        MAXIMUM LENGTH OF SEGMENT                 00054000

                              00006 7255 SEGNULLN EQU   *-SEGMENT    LENGTH OF NULL SEGMENT DEFINITION         00056000

000006                              7257 SEGEXTSN DS    0H            START OF EXTENSION FOR NON-NULL SEG       00058000
000006 0000                         7258 SEGRLPOS DC    AL2(0)        RELATIVE POSITION OF SEGMENT IN MAP       00059000
000008 00                           7259 SEGSPCHR DC    X'00'         SEGMENT POSITIONAL SEPARATOR CHAR         00060000
000009 00                           7260 SEGFSCHR DC    X'00'         SEGMENT KEYWORD FIELD START CHAR          00061000
00000A 00                           7261 SEGFECHR DC    X'00'         SEGMENT KEYWORD FIELD END CHAR            00062000

00000C                              7263          DS    0H                                                        00063100

                              0000C 7265 SEGDSTLN EQU   *-SEGMENT    LENGTH OF FULL SEGMENT DEFINITION         00064000
```

```
  LOC  OBJECT CODE     ADDR1 ADDR2  STMT   SOURCE STATEMENT                                  ASM H V 02 15.46 09/01/98

                                    7267 *   FIELD DEFINITION                                                    00066000

000000                              7269 FIELD    DSECT                                                         00068000
000000 0000                         7270 FLDOFFST DC    Y(0)             OFFSET TO NEXT FIELD                   00069000
000002 0000                         7271 FLDRLPOS DC    AL2(0)           RELATIVE POSITION OF FLD IN SEG(MAP)   00070000
000004 00                           7272 FLDEXLEN DC    AL1(0)           MAX LENGTH OF ACTUAL(EXTERNAL) FIELD   00071000
000005 00                           7273 FLDINLEN DC    AL1(0)           APPLICATION PROGRAM(INTERNAL) FLD LN   00072000
000006 00                           7274 FLDTYPE  DC    AL1(0)           APPL. PROGRAM(INTERNAL) FIELD TYPE     00073000
000007 00                           7275 FLDOCCUR DC    AL1(0)           MAX NUMBER OCCURENCES THIS FIELD       00074000
000008 00                           7276 FLDSCALE DC    AL1(0)           SCALE FACTOR (H,F,PD,ZD FIELDS ONLY)   00075000
000009 00                           7277 FLDJUST  DC    X'00'            FIELD JUSTIFICATION FLAGS              00076000
00000A 00                           7278 FLDATTRB DC    AL1(0)           LOGICAL ATTRIBUTE BYTE                 00077000

                          0000B     7280 FLDSTLEN EQU   *-FIELD          LENGTH OF FIELD DEFINITION             00079000

00000B 4040404040404040             7282 FLDKEYWD DC    CL8' '           KEYWORD VALUE;PRESENT IF RELPOS=KEYW   00081000
000013                    0000B     7283          ORG   FLDKEYWD                                                00082000
00000B 00
00000C 0000                         7284 FLDINTLN DC    H'0'             LENGTH OF INITIAL VALUE; IF CODED      00083000
00000E                              7285 FLDINITV DS    0C               INITIAL VALUE IF CODED                 00084000

                                    7287 *   SPECIAL VALUES OF 1ST BYTE OF RELPOS                                00086000

                          00FF      7289 FLDFIXED EQU   X'FF'            FIELD IS FIXED FORMAT                  00088000
                          00FE      7290 FLDPOS   EQU   X'FE'            FIELD IS POSITIONAL FORMAT             00089000
                          00FD      7291 FLDKEYW  EQU   X'FD'            FIELD IS KEYWORD FORMAT                00090000
                          00FC      7292 FLDAID   EQU   X'FC'            ATTENTION IDENTIFIER(AID) FIELD        00091000
                          00FB      7293 FLDCURSR EQU   X'FB'            INPUT/OUTPUT CURSOR LOCATION FIELD     00092000
                          00FA      7294 FLDVERB  EQU   X'FA'            INPUT VERB FIELD                       00093000

                                    7296 *   VALUES FOR FLDTYPE BYTE                                             00095000

                          00001     7298 FLDENTRD EQU   1                COND=ENTERED IS CODED                  00097000
                          00002     7299 FLDCHAR  EQU   2                FIELD IS CHARACTER                     00098000
                          00003     7300 FLDBINRY EQU   3                FIELD IS BINARY                        00099000
                          00004     7301 FLDHALFW EQU   4                FIELD IS HALFWORD BINARY               00100000
                          00005     7302 FLDFULLW EQU   5                FIELD IS FULLWORD BINARY               00101000
                          00006     7303 FLDZONED EQU   6                FIELD IS ZONED DECIMAL                 00102000
                          00007     7304 FLDPACKD EQU   7                FIELD IS PACKED DECIMAL                00103000
                          00008     7305 FLDYESNO EQU   8                FIELD IS TWO-VALUED(YES/NO, ETC)       00104000
                          00009     7306 FLDCNTL  EQU   9                FIELD CONTAINS LOGICAL CONTROL CHARS   00104010

                                    7308 *   VALUES FOR FLDJUST BYTE                                             00106000

                          00001     7310 FLDJLFT  EQU   X'01'            LEFT JUSTIFY FIELD                     00108000
                          00002     7311 FLDJRGT  EQU   X'02'            RIGHT JUSTIFY FIELD                    00109000
                          00004     7312 FLDJBLNK EQU   X'04'            BLANK PAD FIELD                        00110000
                          00008     7313 FLDJZERO EQU   X'08'            ZERO PAD FIELD                         00111000
                          00010     7314 FLDBLAN  EQU   X'10'                TREAT BLANKS AS DATA      SM0767   00111500
                          00020     7315 FLDDOLLR EQU   X'20'            OUTPUT FIELD HAS FLOATING $            00112000
                          00040     7316 FLDNMGVN EQU   X'40'            FIELD MACRO IS NAMED                   00113000
                          00080     7317 FLDINIT  EQU   X'80'            INITIAL VALUE CODED                    00114000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM H V 02 15.46 09/01/98

                                   7319 *    THIS DSECT DESCRIBES THE FORMAT OF THE DEVICE DEPENDENT DEFAULT     00116000
                                   7320 *    AND LOGICAL CHARACTER TABLES                                        00117000

000000                             7322 DEVDESC  DSECT                                                           00119000

000000 0000                        7324 DESCOMOF DC    Y(0)              OFFSET TO COMMAND CODE TABLE            00121000
000002 0000                        7325 DESCTLOF DC    Y(0)              OFFSET TO CONTROL CHARACTER TABLE       00122000
000004 0000                        7326 DESATROF DC    Y(0)              OFFSET TO ATTRIBUTE BYTE TABLE          00123000
000006 00                          7327 DESCMDLN DC    AL1(0)            NUMBER OF COMMAND CHARS IN SEQUENCE     00124000
000007 00                          7328 DESCTLLN DC    AL1(0)            NUMBER OF CONTROL CHARS IN SEQUENCE     00125000
000008 00                          7329 DESATRLN DC    AL1(0)            NUMBER OF ATTRIBUTE CHARS IN SEQNCE     00126000
000009 00                          7330 DESDFPRS DC    X'00'             DEFAULTS PRESENT FLAG                   00127000
                          00008    7331 DESDLMPR EQU   X'08'             DEFAULT DELIMITORS PRESENT              00128000
                          00004    7332 DESATRPR EQU   X'04'             DEFAULT ATTRIBUTE CHARS PRESENT         00129000
                          00002    7333 DESCTLPR EQU   X'02'             DEFAULT CONTROL CHARS PRESENT           00130000
                          00001    7334 DESCMDPR EQU   X'01'             DEFAULT COMMAND CHARS PRESENT           00131000
00000A                             7335 DESDEFST DS    0C                START OF DEFAULT TABLE                  00132000


                                   7337 *    FORMAT OF ANY LOGICAL CHARACTER TABLE                               00134000

000000                             7339 LOGCHRHD DSECT                                                           00136000

000000 0000                        7341 LOGENTLN DC    AL2(0)            LENGTH OF A TABLE ENTRY                 00138000
000002 0000                        7342 LOGENTNM DC    AL2(0)            NUMBER OF TABLE ENTRIES                 00139000
000004                             7343 LOGTBLST DS    0H                START OF LOGICAL CHARACTER TABLE        00141000

000004                    00000    7345          ORG   LOGENTLN                                                  00143000
000000                             7346 LOGREFNC DS    0F                VCON OF REFERENCED TABLE                00144000
000000 00                          7347 LOGREFLG DC    X'00'             FLAG = X'FF' IF SAMEAS OPTION           00145000
000001 000000                      7348 LOGREFAD DC    AL3(0)            ADDRESS OF REFERENCED TABLE             00146000
000004                    00004    7349          ORG                                                           00147000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                   7351           COPY  MMUICDST                                              00014105
                                   7352 *                                                                     00010000
                                   7353 *     FORMAT OF INTERNAL MAP FIELD/SEGMENT CONTROL DATA               00020000
                                   7354 *                                                                     00030000
000000                             7355 ICD       DSECT                                                       00040000
000000                             7356 ICLEN     DS    HL2              LEN OF DATA IN INTERNAL AREA         00050000
000002                             7357 ICATTRB   DS    OX                   ATTRIBYTE (O/P) BYTE             00051000
000002                             7358 ICFLAG    DS    X                FLAG (I/P) BYTE                      00060000
                             00000 7359 ICFOK     EQU   X'OO'            DATA PRESENT & OK                    00070000
                             OOOFF 7360 ICFOMIT   EQU   X'FF'            DATA OMITTED                         00080000
                             00080 7361 ICFERR    EQU   X'8O'            DATA IN ERROR (NO DATA IN INT AREA)  00090000
                             00003 7362 ICDL      EQU   *-ICD            LENGTH OF CONTROL FLDS               00100000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM H V 02 15.46 09/01/98

                                   7364           COPY  MMUNFDST                                                  00014305
                                   7365 *                                                                        00010000
                                   7366 *    MMU/DDM INTERMEDIATE NORMAL FORM - DATA ASSOCIATED WITH ONE MAP     00020000
                                   7367 *                                                                        00030000
                                   7368 *    INPUT- ALLOC BY DDM TO HOLD INPUT WITHIN MAP DOMAIN                 00040000
                                   7369 *    OUTPUT- ALLOC BY MAPOUT TO HOLD OUTPUT WITHIN MAP DOMAIN            00050000
000000                             7370 NFDSECT  DSECT                HEAD OF CHAIN IN MDCNFC (COMM AREA)      00060000
000000                             7371 NFNXTBLK DS    A                   PTR TO NEXT BLOCK/ZERO               00070000
000004                             7372 NFSIZBLK DS    H                   SIZE OF THIS BLOCK INCLUDING HDR     00080000
000006                             7373 NFUSEBLK DS    H                   NUMBER OF BYTES IN USE (EXC HDR)     00090000
000008                             7374 NFENTCNT DS    H                   # OF NFE'S IN THIS NFB           SY  00090010
00000A                             7375 NFDATLNT DS    H                   TOTAL DATA LENGTH OF ALL NFE'S   SY  00090020
                                   7376 *                                                                        00100000
                              0000C 7377 NFBHDL   EQU   *-NFDSECT         SIZE OF BLOCK HEADER                 00110000
                                   7378 *                                                                        00120000
00000C                             7379 NFESTART DS    OX                  FIRST NORM FORM ENTRY (NFE)          00130000


000000                             7381 NFE      DSECT                     UNALIGNED NFE                        00150000
000000                             7382 NFELN    DS    HL2                 LEN OF DATA (EXCLUDING HDR)          00160000
000002                             7383 NFERLPOS DS    HL2                 RLPOS OF DATA WITHIN MAP DOMAIN      00170000
000004                             7384 NFEFG    DS    X                   NFE FLAG BYTE                        00180000
                              00080 7385 NFEINDR  EQU   X'80'            INDIRECT DATA,ADDR AT NFEADDR        00190000
                              00040 7386 NFERINDX EQU   X'40'            THIS IS A ROW INDEX ENTRY            00200000
                              00020 7387 NFESTRSG EQU   X'20'            THIS IS NOT THE FIRST FIELD ENTRY    00201000
                                   7388 *                               FOR A STRUCTURED SEGMENT, I.E.,      00202000
                                   7389 *                               USE ONLY 1ST ATTRIBUTE BYTE          00203000
                              00010 7390 NFEATRL  EQU   X'10'            INDICATE ATTRIBUTE IS REAL           00203010
                              00008 7391 NFEDTOLY EQU   X'08'            FIRST CALL WAS FOR DATA ONLY     AK  00203020
                              00004 7392 NFECBLAN EQU   X'04'         BLANKS ARE VALID DATA               SM0940 00203030
                              00002 7393 NFELGCTL EQU   X'02'            INDICATE DATA IS LOGICAL CNTL CHARS  00203040
                                   7394 *                                                                        00210000
000005                             7395 NFEATTRB DS    X                   ATTRIBUTE BYTE (O/P)                 00220000
                                   7396 *                                                                        00230000
000006                             7397 NFENFROW DS    OXL3                OFFSET TO NEXT FIELD THIS ROW        00240000
000006                             7398 NFENFBLK DS    X                   NFE CONTAINING NEXT FIELD ENTRY      00250000
                                   7399 *                                     IF O THEN LAST                    00260000
000007                             7400 NFENFOFF DS    HL2                 OFFSET TO FIELD ENTRY IN BLOCK       00270000
                                   7401 *                                                                        00280000
                              00009 7402 NFEHDL   EQU   *-NFE             NFE HDR LEN                          00290000
                                   7403 *                                                                        00300000
000009                             7404 NFED     DS    OX                  START OF DATA IF DIRECT              00310000
000009                             7405 NFEADDR  DS    AL3                 ADDR OF DATA IF INDIRECT             00320000
                              0000C 7406 NFEINL   EQU   *-NFE             LENGTH OF INDIRECT NFE               00330000
```

```
  LOC  OBJECT CODE     ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                    7408           COPY  MMUDDMWK                                          00014505
                                    7409 *                                                                 00001000
                                    7410 *   THIS IS THE WORKAREA USED BY ALL MESSAGE MAPPING UTILITY       00002000
                                    7411 *   DEVICE DEPENDENT MODULES.                                     00003000
                                    7412 *                                                                 00004000
                             0000C  7413 DDMWK     EQU   *                                                 00005000
00000C                              7414           DS    18F              REGISTER SAVE AREA               00006000
000054                              7415 ENDREGS   DS    18F              USABLE AREAS                  PG 00007000
00009C                              7416 MMU256    DS    XL256            USED FOR TRANSLATE TABLE      PG 00008000
                             00190  7417 DYNAMLEN EQU   *-DDMWK           LENGTH OF DYNAMIC AREA           00009000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                   7419           COPY  ISGFIT                                                00014705
                                   7420 *                                                                     00018000
000000                             7421 ISGFIT    DSECT                                                       00019000
                                   7422 *                                                                     00020000
                                   7423 *         DSECT FOR FIELD INFORMATION (CURRENTLY 16 BYTES/FIELD).     00021000
                                   7424 *          ... AS OF 10:45 A.M. MONDAY 19 JULY 1976.                  00022000
                                   7425 *                                                                     00023000
000000                             7426 FLDOFS    DS    HL2                 OFFSET IN FULL SCREEN IMAGE       00024000
000002                             7427 FLDLEN    DS    HL2                 LENGTH                            00025000
000004                             7428 FLDNAME   DS    CL7                 NAME                              00026000
                                   7429 *                                                                     00027000
00000B                             7430 FLDATTS   DS    OXL2                ATTRIBUTE BYTES                   00028000
00000B                             7431 FLDATTR1  DS    X                   FIRST ATTRIBUTE BYTE              00029000
                          00040    7432 FLDASKIP  EQU   X'40'                 TEMPORARY AUTOSKIP BIT            00030000
                          00020    7433 FLDNDISP  EQU   X'20'                 NON-DISPLAY/PRINT                 00031000
                          00010    7434 FLDSELPN  EQU   X'10'                 SELECTOR PEN DETECTABLE           00032000
                          00008    7435 FLDHINT   EQU   X'08'                 HIGH INTENSITY                    00033000
                          00004    7436 FLDMDTON  EQU   X'04'                 MODIFIED DATA TAG ON              00034000
                          00002    7437 FLDNUM    EQU   X'02'                 NUMERIC                           00035000
                          00001    7438 FLDPROT   EQU   X'01'                 PROTECTED                         00036000
00000C                             7439 FLDATTR2  DS    X                   SECOND ATTRIBUTE BYTE             00037000
                          00020    7440 FLDINIT   EQU   X'20'                 INITIAL VALUE SPECIFIED           00038000
   IEV043  *** ERROR ***  PREVIOUSLY DEFINED SYMBOL  --  FLDINIT
                          00010    7441 FLDYN     EQU   X'10'                 YES/NO                            00039000
                          00008    7442 FLDRTJUS  EQU   X'08'                 RIGHT JUSTIFY                     00040000
                          00004    7443 FLDLFJUS  EQU   X'04'                 LEFT JUSTIFY                      00041000
                          00002    7444 FLDBLFIL  EQU   X'02'                 BLANK FILL                        00042000
                          00001    7445 FLDZRFIL  EQU   X'01'                 ZERO FILL                         00043000
                                   7446 *                                                                     00044000
00000D                             7447 FLDNTYPE  DS    X                   ZONE BITS USED FOR NUMERIC TYPE   00045000
                                   7448 *                                    AS BELOW - NUMERIC BITS USED      00046000
                                   7449 *                                    FOR SCALING FACTOR                00047000
                          00000    7450 FLDZD     EQU   X'00'                 ZONED DECIMAL                     00048000
                          00010    7451 FLDBL1    EQU   X'10'                 BINARY - ONE BYTE                 00049000
                          00020    7452 FLDHW     EQU   X'20'                 (UNALIGNED) HALFWORD              00050000
                          00030    7453 FLDBL3    EQU   X'30'                 BINARY - THREE BYTES              00051000
                          00040    7454 FLDFW     EQU   X'40'                 (UNALIGNED) FULLWORD              00052000
                          00050    7455 FLDPD     EQU   X'50'                 PACKED DECIMAL                    00053000
                          00080    7456 FLDNDOLR  EQU   X'80'                 NUMERIC DOLLAR BIT                00054000
                                   7457 *                                                                     00055000
00000E                             7458 FLDHCP    DS    HL2                 HASH CHAIN POINTER (OFFSET)       00056000
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                        ASM H V 02 15.46 09/01/98

                                  7460           COPY  ISGDATA                                                        00014905
                                  7461 *                                                                             00018000
                                  7462 *         DYNAMIC DATA FOR INTERCOMM SCREEN GENERATION.                       00019000
                                  7463 *          ... AS OF 1:35 P.M. TUESDAY 8 FEBRUARY 1977.                       00020000
                                  7464 *                                                                             00021000
                                  7465 *         ============================================================        00022000
                                  7466 *                                                                             00023000
                                  7467 *         PERMANENT DATA TO BE KEPT IN STORE/FETCH BETWEEN SUBSYSTEM          00024000
                                  7468 *          INVOCATIONS.                                                       00025000
                                  7469 *                                                                             00026000
000000                            7470 ISGPERM  DSECT                                                                00027000
                                  7471 *                                                                             00028000
                                  7472 *         STORE/FETCH KEY.                                                    00042000
000000                            7473 SFMAPKEY DS    OCL13                    13-CHARACTER KEY FOR MAP DATA          00043000
000000                            7474 SFKEY    DS    OCL10                    10-CHARACTER KEY FOR PERMANENT         00044000
                                  7475 *                                       DYNAMIC DATA                       00045000
000000                            7476 SFKEYST  DS    CL5'$ISG.'               SET AT SUBSYSTEM ENTRY                 00046000
000005                            7477 SFKEYTID DS    OCL5                     TERMINAL                               00047000
000005                            7478 TID      DS    CL5                       ID                                    00048000
00000A                            7479 SFMAPNO  DS    CL3                      MAP NUMBER                             00049000
                                  7480 *                                                                             00050000
00000D                            7481 SFMAPCTR DS    PL2                      MAP COUNTER                            00051000
                                  7482 *                                                                             00052000
00000F                            7483 SFDDNM   DS    CL8                      STORE/FETCH DDNAME                     00053000
000017                            7484 OUTDDNM  DS    CL8                      OUTPUT DDNAME                          00054000
                                  7485 *                                                                             00055000
                                  7486 *         MAPGROUP NAME AND MODE.                                             00056000
00001F                            7487 MAPGNAME DS    CL7                                                            00057000
000026                            7488 MAPGMODE DS    C                        'I', 'O' OR ' ' FOR I/O                00058000
                                  7489 *                                                                             00059000
                                  7490 *         PROGRAM CONTROL KEYS.                                               00060000
000027                            7491 FNKEY    DS    X                        PROGRAM FUNCTION KEY                   00061000
000028                            7492 NORMKEY  DS    X                        NORMAL MODE RETURN KEY                 00062000
000029                            7493 PREVCODE DS    X                        PREVIOUS REVISE MODE CODE              00063000
                                  7494 *                                                                             00064000
00002A                            7495 ATTRBYTE DS    C                        ATTRIBUTE BYTE INDICATOR               00065000
                           0006D  7496 ATTRBDEF EQU   C'_'                      DEFAULT IS UNDERSCORE                  00066000
                                  7497 *                                                                             00067000
00002B                            7498 TERMTYP  DS    C                    MMU TERMINAL TYPE CODE                     00067010
                                  7499 *                                                                             00067020
                                  7500 *         ------------------------------------------------------------        00068000
                                  7501 *                                                                             00069000
                                  7502 *         OVERLAY REGION.                                                     00070000
                                  7503 *                                                                             00071000
                           0002C  7504 PERMOLAY EQU   *                                                              00072000
                                  7505 *                                                                             00073000
00002C                            7506 NEWNUDEF DS    OC                       NUMERIC DEFAULT TYPE                   00074000
00002C                            7507 NUMDEF   DS    X                        NUMERIC DEFAULT TYPE                   00075000
00002D                            7508 ALLNUDEF DS    C                        NONBLANK INDICATES ALL NUMERICS        00076000
                                  7509 *                                        ARE TO BE OF THE DEFAULT TYPE         00077000
                                  7510 *                                                                             00078000
00002E                     0002C  7511           ORG   PERMOLAY                                                       00079000
00002C                            7512 ATDELCOD DS    C                        ATTRIBUTE DELETE CODE                  00080000
00002D                            7513 ATTRBIN  DS    XL2                      BINARY ATTRIBUTE CODE FOR              00081000
                                  7514 *                                        ASSIGNMENT                            00082000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM H V 02 15.46 09/01/98

00002F                           7515 ATTRDEL  DS    XL2                    COMPLEMENT OF BINARY ATTRIBUTE   00083000
                                 7516 *                                      CODE FOR DELETION               00084000
                                 7517 *                                                                      00085000
000031                    00031  7518          ORG                                                           00086000
                                 7519 *                                                                      00087000
                                 7520 *        ------------------------------------------------------------- 00088000
                                 7521 *                                                                      00089000
                                 7522 *        DATA TABLE AUXILIARIES.                                       00090000
000034                           7523 HASHMOD  DS    F                      MODULUS FOR DIVISION HASH CODE   00091000
000038                           7524 HITLEN   DS    H                      LENGTH OF HIT = 2 * HASHMOD      00092000
00003A                           7525 MAPSFLEN DS    H                      LENGTH OF DATA TO BE SAVED ON    00093000
                                 7526 *                                      STORE/FETCH FOR EACH COMPLETED  00094000
                                 7527 *                                      MAP                             00095000
00003C                           7528 MAXFLDS  DS    H                      MAXIMUM NUMBER OF FIT FIELDS     00096000
00003E                           7529 OLASTFLD DS    H                      OFFSET WITHIN THE FIT OF THE     00097000
                                 7530 *                                      LAST FIT FIELD USED             00098000
                                 7531 *                                                                      00099000
                                 7532 *        ------------------------------------------------------------- 00100000
                                 7533 *                                                                      00101000
                                 7534 *        DATA TO BE SAVED ON STORE/FETCH FOR EACH COMPLETED MAP.       00102000
                                 7535 *                                                                      00103000
000040                           7536 ISGMAPDA DS    OD                     START OF MAP DATA TO BE SAVED    00104000
                                 7537 *                                                                      00105000
000040                           7538 MAPNAME  DS    CL8                    MAP NAME                         00106000
   IEV043  *** ERROR ***  PREVIOUSLY DEFINED SYMBOL  --  MAPNAME
                                 7539 *                                                                      00107000
                                 7540 *        PERMANENT FULL SCREEN IMAGE.                                  00108000
000048                           7541 FSIPERM  DS    CL1920                                                  00109000
                                 7542 *                                                                      00110000
                          007C8  7543 ISGPEND  EQU   *                      END OF FIXED-LENGTH PERMANENT    00111000
                                 7544 *                                      DATA                            00112000
                                 7545 *                                                                      00113000
                          00788  7546 ISGMPLEN EQU   ISGPEND-ISGMAPDA       LENGTH OF FIXED-LENGTH DATA TO   00114000
                                 7547 *                                      BE SAVED ON STORE/FETCH FOR     00115000
                                 7548 *                                      EACH COMPLETED MAP              00116000
                          007C8  7549 ISGPLEN  EQU   ISGPEND-ISGPERM        LENGTH OF FIXED-LENGTH PORTION   00117000
                                 7550 *                                      OF DSECT                        00118000
                                 7551 *                                                                      00119000
                                 7552 *        ------------------------------------------------------------- 00120000
                                 7553 *                                                                      00121000
                                 7554 *        VARIABLE-LENGTH DATA TABLES.                                  00122000
                                 7555 *                                                                      00123000
                                 7556 *        THE FIT HASH INDEX TABLE (HIT) CONSISTS OF CONTIGUOUS HALF-   00124000
                                 7557 *         WORDS EQUAL IN NUMBER TO THE SMALLEST PRIME NOT LESS THAN 2/3 00125000
                                 7558 *         * (MAXIMUM NUMBER OF FIT FIELDS).                             00126000
0007C8                           7559 HIT      DS    OH                                                      00127000
                                 7560 *                                                                      00128000
                                 7561 *        THE FIELD INFORMATION TABLE (FIT) CONSISTS OF THE NEXT        00129000
                                 7562 *         SEXMXFLD FIELDS EACH OF LENGTH FITFLDLN BYTES.               00130000
0007C8                           7563 FIT      DS    OH                                                      00131000
                          00010  7564 FITFLDLN EQU   16                       FIT FIELD ENTRY LENGTH           00132000
                                 7565 *                                                                      00133000
                                 7566 *        ============================================================= 00134000
                                 7567 *                                                                      00135000
                                 7568 *        SAVE AREA, CALL PARAMETER AREA AND TEMPORARY DATA NOT TO BE   00136000
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                  7569 *         KEPT IN STORE/FETCH.  WHEN NEEDED, THESE ITEMS MUST BE INI-   00137000
                                  7570 *         TIALIZED FOR EACH SUBSYSTEM INVOCATION.                       00138000
                                  7571 *                                                                       00139000
000000                            7572 ISGTEMP  DSECT                                                          00140000
                                  7573 *                                                                       00141000
000000                            7574 SAVEAREA DS    18F                                                      00142000
000048                            7575 CALLAREA DS    6F                      CALL PARAMETER AREA              00143000
                                  7576 *                                                                       00144000
000060                            7577 SUBSAVE  DS    18F                SUBROUTINE REGISTER SAVE AREA         00144010
0000A8                            7578 DWORD    DS    D                                                        00145000
                                  7579 *                                                                       00146000
0000B0                            7580 MCB      DS    12F                     MAPPING CONTROL BLOCK            00147000
   IEV043  *** ERROR ***  PREVIOUSLY DEFINED SYMBOL  --  MCB
0000E0                            7581 MSGADDR  DS    OF                      MMU MESSAGE ADDRESS AND          00148000
   IEV043  *** ERROR ***  PREVIOUSLY DEFINED SYMBOL  --  MSGADDR
0000E0                            7582 PAGEAREA DS    F                        PAGE AREA ADDRESS               00149000
0000E4                            7583 MMUSTAT  DS    F                       MMU STATUS WORD                  00150000
                                  7584 *                                                                       00151000
0000E8                            7585 SFCW     DS    F                       STORE/FETCH CONTROL WORD         00152000
0000EC                            7586 SNAPLIST DS    6F                                                       00153000
                                  7587 *                                                                       00154000
000104                            7588 ABEYOFSI DS    OA(FSIPERM+L'FSIPERM)                                    00155000
000104                            7589 ACOL72   DS    A(0)                    A(COLUMN 72 OF OUTPUT)           00156000
000108                            7590 AFIT     DS    A(0)                    A(FIT) MUST BE COMPUTED          00157000
00010C                            7591 AFLDATTR DS    A(0)                    A(FIELD ATTRIBUTE BYTE)          00158000
000110                            7592 AFSI     DS    OA(FSI)                                                  00159000
000110                            7593 AFSIPMIO DS    A(FSIPERM-1)                                             00160000
000114                            7594 ALASTFLD DS    A(0)                    A(LAST FIT FIELD USED)           00161000
000118                            7595 ATRTTAB  DS    A(TRTTAB)                                                00162000
                                  7596 *                                                                       00163000
00011C                            7597 FULLWORD DS    F                                                        00164000
                                  7598 *                                                                       00165000
000120                            7599 FIELDEND DS    F                       ADDRESS OF FIELD END             00166000
                                  7600 *                                                                       00167000
000124                            7601 HALFWORD DS    H                                                        00168000
                                  7602 *                                                                       00169000
000126                            7603 SFPMAPNO DS    PL2                     STORE/FETCH OUTPUT MAP NUMBER    00170000
                                  7604 *                                                                       00171000
000128                            7605 BYTE     DS    X                                                        00172000
                                  7606 *                                                                       00173000
                                  7607 *         VARIABLE TRT TABLE.                                           00174000
000129                            7608 TRTTAB   DS    XL256                                                    00175000
                                  7609 *                                                                       00176000
                                  7610 *         ------------------------------------------------------------- 00177000
                                  7611 *                                                                       00178000
                                  7612 *         WORKING FULL SCREEN IMAGE.                                    00179000
000229                            7613 FSI      DS    CL1920                                                   00180000
                                  7614 *                                                                       00181000
                                  7615 *         FILE HANDLER.                                                 00182000
0009A9                    00229   7616          ORG   FSI                                                      00183000
00022C                            7617 EXTDSCT  DS    12F                     EXTERNAL DSCT                    00184000
00025C                            7618 FHCW     DS    OF                      FILE HANDLER CONTROL WORD        00185000
00025C                            7619 FHSTATUS DS    CL1                     STATUS BYTE                      00186000
00025D                            7620 FHREQ    DS    CL1                     REQUEST BYTE                     00187000
00025E                            7621          DS    CL2                                                      00188000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98
000260                     009A9  7622          ORG                                                          00189000
                           7623 *                                                                            00190000
                     009A9 7624 ISGTEND  EQU   *                                                            00191000
                           7625 *                                                                            00192000
                     009A9 7626 ISGTLEN  EQU   ISGTEND-ISGTEMP                                              00193000
                           7627 *                                                                            00194000
                           7628 *         ================================================================== 00195000
                           7629 *                                                                            00196000
                           7630 *         DSECT FOR MAP IMAGES.                                              00197000
                           7631 *                                                                            00198000
000000                     7632 ISGMAPS  DSECT                                                               00199000
                           7633 *                                                                            00200000
000000               00000 7634          ORG   ISGMAPS                                                      00201000
                     00000 7635 MAPGPN   EQU   *                     MAPGROUP - NORMAL MODE                 00202000
000000                     7636 MGNNAMEL DS    HL2                                                          00203000
000002                     7637 MGNNAMET DS    C                                                            00204000
000003                     7638 MGNNAME  DS    CL7                   MAPGROUP NAME                          00205000
00000A                     7639 MGNMODEL DS    HL2                                                          00206000
00000C                     7640 MGNMODET DS    C                                                            00207000
00000D                     7641 MGNMODE  DS    C                     MAPGROUP MODE                          00208000
                     0000E 7642 EMAPGPN  EQU   *                                                            00209000
                           7643 *                                                                            00210000
00000E               00000 7644          ORG   ISGMAPS                                                      00211000
                     00000 7645 MAPGPR   EQU   *                     MAPGROUP - REVISE MODE                 00212000
000000                     7646 MGRNAMEL DS    HL2                                                          00213000
000002                     7647 MGRNAMET DS    C                                                            00214000
000003                     7648 MGRNAME  DS    CL7                   MAPGROUP NAME                          00215000
00000A                     7649 MGRMODEL DS    HL2                                                          00216000
00000C                     7650 MGRMODET DS    C                                                            00217000
00000D                     7651 MGRMODE  DS    C                     MAPGROUP MODE                          00218000
                     0000E 7652 EMAPGPR  EQU   *                                                            00219000
                           7653 *                                                                            00220000
00000E               00000 7654          ORG   ISGMAPS                                                      00221000
                     00000 7655 MAPN     EQU   *                     MAP - NORMAL MODE                      00222000
000000                     7656 MNNAMEL  DS    HL2                                                          00223000
000002                     7657 MNNAMET  DS    C                                                            00224000
000003                     7658 MNNAME   DS    CL8                   MAP NAME                               00225000
                     0000B 7659 EMAPN    EQU   *                                                            00226000
                           7660 *                                                                            00227000
00000B               00000 7661          ORG   ISGMAPS                                                      00228000
                     00000 7662 MAPR     EQU   *                     MAP - REVISE MODE                      00229000
000000                     7663 MRNAMEL  DS    HL2                                                          00230000
000002                     7664 MRNAMET  DS    C                                                            00231000
000003                     7665 MRNAME   DS    CL8                   MAP NAME                               00232000
                     0000B 7666 EMAPR    EQU   *                                                            00233000
                           7667 *                                                                            00234000
00000B               00000 7668          ORG   ISGMAPS                                                      00235000
                     00000 7669 LAYOUT   EQU   *                     SCREEN LAYOUT                          00236000
000000                     7670 LOATRIBL DS    HL2                                                          00237000
000002                     7671 LOATRIBT DS    C                                                            00238000
000003                     7672 LOATRIB  DS    C                     ATTRIBUTE BYTE DESIGNATOR              00239000
                     00004 7673 ELAYOUT  EQU   *                                                            00240000
                           7674 *                                                                            00241000
000004               00000 7675          ORG   ISGMAPS                                                      00242000
                     00000 7676 TNAMESN  EQU   *                     TEMPORARY (LIMITED LENGTH) FIELD       00243000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                   7677 *                                NAMES - NORMAL MODE                00244000
000000                             7678 TNENREVL DS    HL2                                                  00245000
000002                             7679 TNENREVT DS    C                                                    00246000
000003                             7680 TNENREV  DS    C                ENTER REVISE MODE                   00247000
                            00004  7681 ETNAMESN EQU   *                                                    00248000
                                   7682 *                                                                   00249000
000004                      00000  7683          ORG   ISGMAPS                                              00250000
                            00000  7684 TNAMESR  EQU   *                TEMPORARY (LIMITED LENGTH) FIELD    00251000
                                   7685 *                                NAMES - REVISE MODE                00252000
                            00000  7686 ETNAMESR EQU   *                                                    00253000
                                   7687 *                                                                   00254000
                                   7688 *        THE 1040-BYTE AREAS IN THE MAPS PNAMESN AND CHGERRN MUST COIN- 00255000
                                   7689 *         CIDE, AS MUST THE 1040-BYTE AREAS IN PNAMESR AND CHGERRR.  00256000
                                   7690 *                                                                   00257000
000000                      00000  7691          ORG   ISGMAPS                                              00258000
                            00000  7692 PNAMESN  EQU   *                PERMANENT (CHANGED) FIELD NAMES     00259000
                                   7693 *                                - NORMAL MODE                      00260000
000000                             7694 ENCHNGSL DS    HL2                                                  00261000
000002                             7695 ENCHNGST DS    C                                                    00262000
000003                             7696 ENCHNGS  DS    CL1040           CHANGE AREA                         00263000
000413                             7697 ENNONEDL DS    HL2                                                  00264000
000415                             7698 ENNONEDT DS    C                                                    00265000
000416                             7699 ENNONED  DS    C                NO NEED OF THIS OPTION              00266000
000417                             7700 ENENREVL DS    HL2                                                  00267000
000419                             7701 ENENREVT DS    C                                                    00268000
00041A                             7702 ENENREV  DS    C                ENTER REVISE MODE                   00269000
                            0041B  7703 EPNAMESN EQU   *                                                    00270000
                                   7704 *                                                                   00271000
00041B                      00000  7705          ORG   ISGMAPS                                              00272000
                            00000  7706 PNAMESR  EQU   *                PERMANENT (CHANGED) FIELD NAMES     00273000
                                   7707 *                                - REVISE MODE                      00274000
000000                             7708 ERCHNGSL DS    HL2                                                  00275000
000002                             7709 ERCHNGST DS    C                                                    00276000
000003                             7710 ERCHNGS  DS    CL1040           CHANGE AREA                         00277000
                            00413  7711 EPNAMESR EQU   *                                                    00278000
                                   7712 *                                                                   00279000
000413                      00000  7713          ORG   ISGMAPS                                              00280000
                            00000  7714 CHGERRN  EQU   *                CHANGE ERRORS - NORMAL MODE         00281000
000000                             7715 CNCHNGSL DS    HL2                                                  00282000
000002                             7716 CNCHNGST DS    C                                                    00283000
000003                             7717 CNCHNGS  DS    CL1040           CHANGE AREA                         00284000
000413                             7718 CNNOFIXL DS    HL2                                                  00285000
000415                             7719 CNNOFIXT DS    C                                                    00286000
000416                             7720 CNNOFIX  DS    C                DO NOT WISH TO PURSUE CHANGES       00287000
000417                             7721 CNENREVL DS    HL2                                                  00288000
000419                             7722 CNENREVT DS    C                                                    00289000
00041A                             7723 CNENREV  DS    C                ENTER REVISE MODE                   00290000
                            0041B  7724 ECHGERRN EQU   *                                                    00291000
                                   7725 *                                                                   00292000
00041B                      00000  7726          ORG   ISGMAPS                                              00293000
                            00000  7727 CHGERRR  EQU   *                CHANGE ERRORS - REVISE MODE         00294000
000000                             7728 CRCHNGSL DS    HL2                                                  00295000
000002                             7729 CRCHNGST DS    C                                                    00296000
000003                             7730 CRCHNGS  DS    CL1040           CHANGE AREA                         00297000
000413                             7731 CRNOFIXL DS    HL2                                                  00298000
```

```
000415                          7732 CRNOFIXT DS    C                                    00299000
000416                          7733 CRNOFIX  DS    C                                    00300000
                          00417 7734 ECHGERRR EQU   *                                    00301000
                                7735 *                                                   00302000
000417                    00000 7736          ORG   ISGMAPS                              00303000
                          00000 7737 NUMTYPEN EQU   *                                    00304000
000000                          7738 NNNWDEFL DS    HL2                                  00305000
000002                          7739 NNNWDEFT DS    C                                    00306000
000003                          7740 NNNWDEF  DS    C                                    00307000
000004                          7741 NNALDEFL DS    HL2                                  00308000
000006                          7742 NNALDEFT DS    C                                    00309000
000007                          7743 NNALDEF  DS    C                                    00310000
000008                          7744 NNENREVL DS    HL2                                  00311000
00000A                          7745 NNENREVT DS    C                                    00312000
00000B                          7746 NNENREV  DS    C                                    00313000
                          0000C 7747 EUMTYPEN EQU   *                                    00314000
                                7748 *                                                   00315000
00000C                    00000 7749          ORG   ISGMAPS                              00316000
                          00000 7750 NUMTYPER EQU   *                                    00317000
000000                          7751 NRNWDEFL DS    HL2                                  00318000
000002                          7752 NRNWDEFT DS    C                                    00319000
000003                          7753 NRNWDEF  DS    C                                    00320000
000004                          7754 NRALDEFL DS    HL2                                  00321000
000006                          7755 NRALDEFT DS    C                                    00322000
000007                          7756 NRALDEF  DS    C                                    00323000
                          00008 7757 EUMTYPER EQU   *                                    00324000
                                7758 *                                                   00325000
000008                    00000 7759          ORG   ISGMAPS                              00326000
                          00000 7760 ATTRIBN  EQU   *                                    00327000
000000                          7761 ANATCODL DS    HL2                                  00328000
000002                          7762 ANATCODT DS    C                                    00329000
000003                          7763 ANATCOD  DS    CL8                                  00330000
00000B                          7764 ANENREVL DS    HL2                                  00331000
00000D                          7765 ANENREVT DS    C                                    00332000
00000E                          7766 ANENREV  DS    C                                    00333000
                          0000F 7767 EATTRIBN EQU   *                                    00334000
                                7768 *                                                   00335000
00000F                    00000 7769          ORG   ISGMAPS                              00336000
                          00000 7770 ATTRIBR  EQU   *                                    00337000
000000                          7771 ARATCODL DS    HL2                                  00338000
000002                          7772 ARATCODT DS    C                                    00339000
000003                          7773 ARATCOD  DS    CL8                                  00340000
00000B                          7774 ARDLCODL DS    HL2                                  00341000
00000D                          7775 ARDLCODT DS    C                                    00342000
00000E                          7776 ARDLCOD  DS    C                                    00343000
                          0000F 7777 EATTRIBR EQU   *                                    00344000
                                7778 *                                                   00345000
00000F                    00000 7779          ORG   ISGMAPS                              00346000
                          00000 7780 MOREMAPS EQU   *                                    00347000
000000                          7781 MMMRMPSL DS    HL2                                  00348000
000002                          7782 MMMRMPST DS    C                                    00349000
000003                          7783 MMMRMPS  DS    X                                    00350000
000004                          7784 MMENREVL DS    HL2                                  00351000
000006                          7785 MMENREVT DS    C                                    00352000
000007                          7786 MMENREV  DS    C                                    00353000
```

```
DO NOT WISH TO PURSUE CHANGES
NUMERIC TYPES - NORMAL MODE
NEW DEFAULT (STANDARD IS PACKED)
ALL NUMERIC FIELDS TO DEFAULT
ENTER REVISE MODE
NUMERIC TYPES - REVISE MODE
NEW DEFAULT (STANDARD IS PACKED)
ALL NUMERIC FIELDS TO DEFAULT
ATTRIBUTES - NORMAL MODE
ATTRIBUTE CHARACTER CODE
ENTER REVISE MODE
ATTRIBUTES - REVISE MODE
ATTRIBUTE CHARACTER CODE
DELETE CODE
MORE MAPS
ARE THERE TO BE MORE MAPS?
ENTER REVISE MODE
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                    ASM H V 02 15.46 09/01/98
                            00008  7787 EOREMAPS EQU   *                                          00354000
                                   7788 *                                                        00355000
000008                      00000  7789          ORG   ISGMAPS                                   00356000
                            00000  7790 MOREGPS  EQU   *       MORE MAPGROUPS                     00357000
000000                             7791 MORGPSL  DS    HL2                                        00358000
000002                             7792 MORGPST  DS    C                                          00359000
000003                             7793 MORGPS   DS    X       ARE THERE TO BE MORE MAP GROUPS?   00360000
                            00004  7794 EMOREGPS EQU   *                                          00361000
                                   7795 *                                                        00362000
000004                      00000  7796          ORG   ISGMAPS                                   00363000
                            00000  7797 REVSEL   EQU   *       SELECT REVISE MODE FUNCTION        00364000
000000                             7798 RVSCRNOL DS    HL2                                        00365000
000002                             7799 RVSCRNOT DS    C                                          00366000
000003                             7800 RVSCRNO  DS    C       SCREEN NUMBER SELECTED             00367000
                            00004  7801 EREVSEL  EQU   *                                          00368000
                                   7802 *                                                        00369000
000004                      00000  7803          ORG   ISGMAPS                                   00370000
                            00000  7804 REVCON   EQU   *       SELECT REVISE MODE CONTINUATION    00371000
000000                             7805 RCRVNUML DS    HL2                                        00372000
000002                             7806 RCRVNUMT DS    C                                          00373000
000003                             7807 RCRVNUM  DS    C       NUMBER OF METHOD OF CONTINUATION   00374000
                            00004  7808 EREVCON  EQU   *                                          00375000
                                   7809 *                                                        00376000
000004                      0041B  7810          ORG                                            00377000
                                   7811 *                                                        00378000
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                  7813           COPY  PGEDSECT                                          00015105
000000                            7814 PAGDSECT DSECT                                                   SM2260 00001000
                                  7815 ******************************************************************SM2260 00002000
                                  7816 *  DSECT FOR HEADER PORTION OF TERMINAL ENTRY IN MASTER TABLE *  SM2260 00003000
                                  7817 ******************************************************************SM2260 00004000
000000                            7818 PAGTID   DS    CL5                NAME OF PAGING TERMINAL (KEY)    SM2260 00005000
000005                            7819 PAGFLG   DS    X                  FLAG BYTE                        SM2260 00006000
000006                            7820 PAGCRSP  DS    H                  OFFSET TO LAST RESPONSE          SM2260 00007000
000008                            7821 PAGRRSP  DS    H                  OFFSET TO CURRENT READING RSP    SM2260 00008000
00000A                            7822 PAGRCNT  DS    H                  CURRENT NUMBER OF ACTIVE         SM2260 00009000
                                  7823 *                                 RESPONSES                        SM2260 00010000
00000C                            7824 PAGMMN   DS    F                  HIGHEST RESPONSE MSGHMMN USED    SM2260 00011000
000010                            7825 PAGMCNT  DS    F                  TOTAL MESSAGES IN ALL ACTIVE     SM2260 00012000
                                  7826 *                                 RESPONSES                        SM2260 00013000
000014                            7827 PAGXXX   DS    F                  RESERVED FOR FUTURE USE          SM2260 00014000
000018                            7828          DS    OD                 GET TO DOUBLE WORD BOUNDARY      SM2260 00015000
                         00018    7829 PAGLEN   EQU   *-PAGTID           HEADER LENGTH (MAX = 32 BYTES)   SM2260 00016000


000000                            7831 RSPDSECT DSECT                                                   SM2260 00018000
                                  7832 ******************************************************************SM2260 00019000
                                  7833 *  DSECT FOR RESPONSE ENTRY OF TERMINAL ENTRY IN MASTER TABLE *  SM2260 00020000
                                  7834 ******************************************************************SM2260 00021000
000000                            7835 RSPMMN   DS    F                  MSGHMMN OF THIS RESPONSE         SM2260 00022000
000004                            7836 RSPCNT   DS    H                  NUMBER OF PAGES IN RESPONSE      SM2260 00023000
000006                            7837 RSPNUM   DS    H                  RELATIVE NUMBER OF LAST PAGE     SM2260 00024000
                                  7838 *                                 SENT TO TERMINAL FROM THIS RSP   SM2260 00025000
000008                            7839 RSPFLG   DS    X                  FLAG                             SM2260 00026000
                         00080    7840 ALC      EQU   X'80'              ASSMBLER SUBSYSTEM CREATED RSP   SM2260 00027000
                         00040    7841 RSPSAVE  EQU   X'40'              THIS RESPONSE HAS BEEN SAVED     SM2260 00028000
000009                            7842 RSPFLG2  DS    X                  RESERVED FOR FUTURE USE          SM2260 00029000
00000A                            7843 RSPMLEN  DS    H                  MAX MSG LEN IN THIS RESPONSE     SM2260 00030000
00000C                            7844 RSPXXX   DS    F                  RESERVED FOR FUTURE USE          SM2260 00031000
000010                            7845          DS    OD                 GET TO DOUBLE WORD BOUNDARY      SM2260 00032000
                         00010    7846 RSPLEN   EQU   *-RSPMMN           RESPONSE LENGTH (MUST BE 16)     SM2260 00033000



                                  7848           COPY  RQEDSECT                                          00015305
                                  7849 ******************************************************************SM2260 00001000
                                  7850 *                                                                *SM2260 00002000
                                  7851 *        THIS MEMBER IS NO LONGER NEEDED FOR PAGE FACILITY       *SM2260 00003000
                                  7852 *                                                                *SM2260 00004000
                                  7853 ******************************************************************SM2260 00005000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                   7855          VERBTBL                                                    00015505
000000                             7856+VTBL     DSECT                                                      01-VERBT
000000                             7857+VERBNAME DS    XL4                  VERB NAME                     01-VERBT
000004                             7858+VERBSIZE DS    XL2                  SIZE OF VERB TABLE FOR THIS VERB 01-VERBT
000006                             7859+VERBCODE DS    X                    VERB CODE                     01-VERBT
000007                             7860+VERBINBY DS    XL2                  SIZE OF INITIAL GETMAIN FOR VERB 01-VERBT
000009                             7861+VERBPRMS DS    X                    NUMBER OF PARAMETERS THIS VERB   01-VERBT
00000A                             7862+VERBP1   DS    XL3                  PARAMETER NAME                   01-VERBT
                             00003 7863+LOFVP1   EQU   *-VERBP1                                            01-VERBT
00000D                             7864+VERBP1IC DS    X                    PARAMETER ITEM CODE              01-VERBT
00000E                             7865+VERBP1RT DS    X                    PARAMETER'S EDITING ROUTINE NO.  01-VERBT
00000F                             7866+VERBP1LN DS    X                    PARAMETER'S MAXIMUM LENGTH       01-VERBT
000010                             7867+VERBP1BT DS    X                    PARAMETER'S BITS AS FOLLOWS      01-VERBT
                                   7868+*
                                   7869+*
                                   7870+*
                                   7871+*
                                   7872+*
                                   7873+*
                             00007 7874+SIZEPRMP EQU   *-VERBP1             SIZE OF ENTRY IN VERB TABLE/PRM  01-VERBT
                             0000A 7875+SIZEVBHD EQU   VERBP1-VTBL          SIZE OF VERB HEADER FIELDS       01-VERBT
                                   7876+*       BITS IN VERBP1BT BYTE
                             00080 7877+VREQRD   EQU   X'80'                PARAMETER REQUIRED BIT           01-VERBT
                             00040 7878+VRQUNCH  EQU   X'40'                PARAMETER REQUIRED UNLESS CHANGE 01-VERBT
                             00020 7879+VCHANGE  EQU   X'20'                CHANGE ALLOWED FOR PARAMETER     01-VERBT
                             00010 7880+VDELETE  EQU   X'10'                DELETE ALLOWED FOR PARAMETER     01-VERBT
                             00008 7881+VREPTTVE EQU   X'08'                REPETITIVE PARAMETER             01-VERBT
                             00004 7882+VFXDLN   EQU   X'04'                PARAMETER HAS FIXED LENGTH INRCD 01-VERBT
                             00003 7883+VTRUNC   EQU   X'03'                PARAMETER CANNOT BE TRUNCATED    01-VERBT
                             00001 7884+VTRUNCL  EQU   X'01'                PARAMETER TO BE TRUNCATED ONLEFT 01-VERBT
                                   7885+* LAST TWO BITS OF VERBP1BT FIELD HAVE FOLLOWING MEANING
                                   7886+*  B) IF BOTH BITS ON PARAMETER CANNOT BE TRUNCATED-IF TOO BIG ERROR
                                   7887+*  C) IF BITS ARE MIXED BIT X'02' MEANS TRUNCATE ON RIGHT
                                   7888+*                 AND  BIT X'01' MEANS TRUNCATE ON LEFT
                                   7889+*       BITS IN VERBINBY
                             00080 7890+VCOBOL   EQU   X'80'                MESSAGE TO BE PLACED IN A FIXED  01-VERBT
                                   7891+*                                    FORMAT AFTER EDITING
                             00040 7892+VNOPIDS  EQU   X'40'                NO PARAMETER ID'S GIVEN FOR      01-VERBT
                                   7893+*                                    THIS VERB ON INPUT
                             00020 7894+VLINE    EQU   X'20'                ELINE MACRO TO BE USED.        A 01-VERBT
                                   7895+*                                                               A
                             00010 7896+VRES     EQU   X'10'                THE VERB IS ON DISK.           D 01-VERBT
                                   7897+*
                             000F0 7898+VNIM     EQU   X'F0'                TO TURN OFF BITS IN VERBINY      01-VERBT
                                   7899+*       BITS IN VERBSIZE                                      RB
                             00080 7900+VPREONLY EQU   X'80'          PRE-EDIT ONLY                   RB  01-VERBT
                                   7901+*                                                            RB
                             00080 7902+VNIM2    EQU   X'80'          TO TURN OFF BITS IN VERBSIZE    RB  01-VERBT
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                   7904           COPY  RCTLISTC                                                00015705
000000                             7905 RCTDSECT  DSECT                                                       00002000
                                   7906 *                                    LAST REVISION  4/9/82 - RELEASE 9.0 00004000
                                   7907 *         HEADER INFORMATION FOR EACH REPORT                          00006000
000000                             7908 RCTRPTNO  DS    BL2                  REPORT NUMBER                     00008000
000002                             7909 RCTOFFST  DS    BL2                  OFFSET TO NEXT REPORT IN TABLE    00010000
000004                             7910 RCTNOLN   DS    B                    NUMBER OF UNIQUE LINE FORMATS     00012000
                                   7911 *                                     FOR THIS REPORT                 00014000
000005                             7912 RCTBITS   DS    X                    CONTROL BITS                   RB 00016000
                                   7913 *                                                                 08MD 00017000
                                   7914 *         BIT SETTINGS FOR RCTBITS                                08MD 00018000
                                   7915 *                                                                 08MD 00019000
                             00080 7916 RCTERASE  EQU   X'80'                    3270 ERASE REQUESTED       08MD 00020000
                             00040 7917 RCT3270   EQU   X'40'                    3270 REPORT                08MD 00021000
                             00020 7918 RCTALTBF  EQU   X'20'                    3270 ALT BUFFER REPORT     08MD 00022000
000006                             7919 RCTRPMSK  DS    BL2                  REPORT MASK                       00026000
                             00008 7920 RCTHDSZ   EQU   *-RCTRPTNO              SIZE OF HEADER PORTION OF TABLE   00028000
                                   7921 *                                                                     00030000
                                   7922 *         DETAIL ENTRIES PER LINE FORMAT                              00032000
                                   7923 *                                                                     00034000
000008                             7924 RCTLNNO   DS    B                    LINE NUMBER                       00036000
000009                             7925 RCTREPT   DS    C                    REPETITION INDICATOR              00038000
                                   7926 *                                     1= REPETITIVE LINE FORMAT       00040000
                                   7927 *                                     0= NON-REPETITIVE LINE FORMAT   00042000
                             000F1 7928 RCTREPTV  EQU   C'1'                    REPETITIVE LINE FORMAT            00044000
                             000F2 7929 RCTPRTFF  EQU   C'2'              PRINT ALL FF ON LINE AT ALL TIMES       00046000
                             000F3 7930 RCTNBDYL  EQU   C'3'              INSERT SKIP TO NEXT BODY LINE ON REPORT 00048000
                             000F4 7931 RCTRPRFF  EQU   C'4'              REPETITIVE AND PRT AT ALL TIMES         00050000
                             000F5 7932 RCTSUPHD  EQU   C'5'              SUPER HEADER - ONLY PRT ON 51 -NOT 5C   00052000
                             000F6 7933 RCTPRTN   EQU   C'6'                    PRINT LINE EVEN IF NO IC FOUND    00053000
                             000F8 7934 RCTRPT8   EQU   C'8'                                                B 00053200
00000A                             7935 RCTNOIC   DS    B                    NUMBER OF ITEM CODES THIS LINE    00054000
                             00003 7936 RCTLNSZ   EQU   *-RCTLNNO              SIZE OF LINE ENTRY IN TABLE       00056000
                                   7937 *                                                                     00058000
                                   7938 *         DETAIL ENTRIES PER ITEM CODE                                00060000
                                   7939 *                                                                     00062000
00000B                             7940 RCTICNO   DS    B                    ITEM CODE                         00064000
00000C                             7941 RCTBGPOS  DS    B                    BEGINNING POSITION OF ITEM CODE   00066000
                                   7942 *                                      ON THE LINE                    00068000
00000D                             7943 RCTNDPOS  DS    B                    ENDING POSITION OF ITEM CODE      00070000
                                   7944 *                                      ON THE LINE                    00072000
                             00003 7945 RCTICSZ1  EQU   *-RCTICNO               SIZE OF ITEM CODE ENTRY(IF IT IS 00074000
                                   7946 *                                      NOT ITEM CODE 255)             00076000
00000E                             7947 RCTDTALN  DS    X                    LENGTH OF DATA                    00078000
                             0000F 7948 RCTDATA   EQU   *                    DATA TO INSERT(FIXED DATA FOR     00080000
                                   7949 *                                         THE REPORT)                 00082000
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                  ASM H V 02 15.46 09/01/98

                                  7951           COPY  ALTREPRT                                                  00015905
                                  7952 *         DSECT FOR ALTERNATE REPORT TABLE                               00000100
                                  7953 *                                                                        00000200
                                  7954 *                                                                        00000300
000000                            7955 ALTREPRT DSECT                                                           00000400
000000                            7956 ALTREPNO DS    XL2                  MAIN REPORT NUMBER                   00000500
000002                            7957 ALTNOMB  DS    XL2                  NUMBER OF ALTERNATE REPORT TYPES     00000600
000004                            7958 ALTDEVTP DS    XL1                  MAIN REPORT DEVICE TYPE              00000700
                            00005 7959 ALTSZHDR EQU   *-ALTREPRT                                                00000800
                                  7960 *                                                                        00000900
                                  7961 *         DETAIL ENTRIES                                                 00001000
                                  7962 *                                                                        00001100
000005                            7963 ALTREPN  DS    XL2                  ALTERNATE REPORT NUMBER              00001200
000007                            7964 ALTDEVT  DS    XL1                  DEVICE TYPE FOR ALTERNATE RPT        00001300
                            00003 7965 ALTSZREP EQU   *-ALTREPN                                                 00001400
                                  7966 *                                                                        00001500
                                  7967 *                                                                        00001600




                                  7969           COPY  REPTABLE                                                 00016105
000000                            7970 REPTABLE DSECT                                                           00002000
                                  7971 *                              REPORT TABLE  FOR  CO/REPORT/TERMINAL     00004000
                                  7972 *                                  LAST REVISION      7/30/69            00006000
                                  7973 *                                   HEADER INFORMATION                   00008000
000000                            7974 REPCONUM DS    BL2                       COMPANY NUMBER                  00010000
000002                            7975 REPOFFST DS    BL2                       OFFSET TO NEXT COMPANY          00012000
                            00004 7976 REPHDSZ  EQU   *-REPCONUM                      SIZE OF HEADER           00014000
                                  7977 *                                                                        00016000
                                  7978 *                                  DETAIL INFORMATION FOR EACH REPORT    00018000
000004                            7979 REPRPTNM DS    BL2                       REPORT NUMBER                   00020000
000006                            7980 REPTERM  DS    CL5                       TERMINAL TO SEND REPORT         00022000
                            00007 7981 REPDETSZ EQU   *-REPRPTNM                     SIZE OF DETAIL           00024000
                                  7982 *                                                                        00026000
                                  7983 *                                           OF TABLE                     00030000
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                  7985           COPY  FTBLISTC                                                00016305
                                  7986 *                              LAST REVISION 9/23/69                     00000000
000000                            7987 FTBLISTD DSECT                  DSECT FOR FILE TABLE                      00020000
000000                            7988 FTFNAME  DS    2F                      FILE NAME                         00040000
000008                            7989 FTSR     DS    H                       SIZE OF RCD                       00060000
00000A                            7990 FTFP     DS    H                       LENTH OF FIXED PORTION OF RECORD  00080000
00000C                            7991 FTPTFAS  DS    F                       PTR TO FILE AVAILABLE SPACES      00100000
000010                            7992 FTLTNUM  DS    F                       LAST NUMBER GENERATED -BINARY     00120000
000014                            7993 FTLNWA   DS    F                       LAST NUMBER ASSIGNED BEFORE WRAP ARD 00140000
000018                            7994 FTPTFASR DS    F                       PTR TO FILE AVAIL SPACES RCD      00160000
00001C                            7995 FTNB     DS    OF                      FULL WORD ALIGNMENT FOR NUMBER BLOCK 00180000
00001C                            7996 FTLK     DS    C                       LENGTH OF KEY                     00200000
00001D                            7997          DS    3C                      ACTUAL NUMBER OF BLOCKS           00220000
000020                            7998 FTOK     DS    H                       OFFSET TO KEY                     00240000
000022                            7999 FTSW     DS    CL1                     SWITCHES                          00260000
                           00080  8000 FTYA     EQU   X'80' HEX'80' ON - UNBLOCKED FILE                         00280000
                           00040  8001 FTYB     EQU   X'40' HEX'40' ON - TYPE B FILE - OFF TYPE A FILE          00300000
                           00020  8002 FNSA     EQU   X'20' HEX'20' ON - NO SPACES AVAILABLE IN FILE            00320000
                           00010  8003 FTAE     EQU   X'10' HEX'10' - ON TYPE A FILE KEYED TO EXTERNAL NO.      00340000
                           00090  8004 FTYC     EQU   FTYA+FTAE  HEX 90 - TYPE C FILE                         00360000
                           00008  8005 FTBD     EQU   X'08' HEX'08' ORDINARY BDAM FILE(NOT THRU I/O INTERFACE)  00380000
                           00004  8006 FTBS     EQU   X'04' HEX'04' ORDINARY SEQUENTIAL FILE(BSAM/QSAM)         00400000
                           00002  8007 FTIS     EQU   X'02' HEX'02' INDEXED SEQUENTIAL FILE(BISAM/QISAM)        00420000
                           00001  8008 FTRG     EQU   X'01' HEX 01 SIGNIFIES THIS IS A REORGANIZATION RUN       00440000
000023                            8009 FTHK     DS    C                       START HASH FROM THIS BYTE         00460000
000024                            8010 FTRNFD   DS    AL3               RECORD NUMBER OF THE F.D.R.                A 00500000
000027                            8011 FTSW2    DS    C                       SECOND BYTE FOR SWITCHES          00520000
                           00080  8012 FTASR    EQU   X'80'                   AVAILABLE SPACES FILE IS BEING READ 00540000
                           00040  8013 FTAT     EQU   X'40'                   TYPE A RECORD WITH TRANSLATION FILE 00560000
                           00020  8014 FTTR     EQU   X'20'                   TRANSLATION FILE                  00580000
000028                            8015 FTDEND   DS    F                       FORCES NEXT WORD TO FULL WORD     00600000
                           00028  8016 FTEL     EQU   FTDEND-FTFNAME          FILE TABLE ENTRY LENGTH           00620000
                                  8017 *                                                                        00640000
                                  8018 * END OF FILE WILL BE FFS IN  NEXT FULL WORD                             00660000
                                  8019 *                                                                        00680000
                           00003  8020 LRBN     EQU   3                       LENTH OF RBN                      00700000
                           00004  8021 LCCP     EQU   4                       LENTH OF CORE CHAIN PTR           00720000
                           00080  8022 FSTSEG   EQU   X'80'                   FIRST SEGMEN SWITCH SETTING       00740000
                           0007F  8023 RGMASK   EQU   X'7F'                   MASK TO TURN OFF 1ST SEG SWITCH   00760000
                                  8024 *  EQUATES OF ERROR CODES RETURNED BY FILE HANDLER & INTERFACE          00800000
                           000F0  8025 IOC      EQU   C'0'                    I/O OPERATION COMPLETED           00820000
                           000F1  8026 PIOE     EQU   C'1'                    PERMANENT I/O ERROR               00840000
                           000F2  8027 NRF      EQU   C'2'                    NO RECORD FOUND                   00860000
                           000F3  8028 IFN      EQU   C'3'                    INVALID FILENAME                  00880000
                           000F4  8029 NCA      EQU   C'4'                    NO CORE WAS AVAILABLE             00900000
                           000F5  8030 IAS      EQU   C'5'                    INVALID AVAILABLE SPACES FILE     00920000
                           000F6  8031 ILC      EQU   C'6'                    INVALID LTH CODE WAS FOUND IN TYPE B 00940000
                                  8032 *                      -  OR LAST PARAMETER MISSING IN TYPE A OR C GET   00960000
                           000F7  8033 BLNF     EQU   C'7'                    RCD NOT FND ON B/L GET-TRY AGAIN  00980000
                           000F9  8034 FUD      EQU   C'9'                    FILE UNDEFINED                    01000000
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98
                                  8036          FDRLIST                                                    00016505
                                  8037+*
                                  8038+*       FILE DESCRIPTION LAYOUT         03/25/69
                                  8039+*       ***********************
                                  8040+*
000000                            8041+FDRDSECT DSECT                                                     01-FDRLI
                                  8042+*       ---HEADER ---
                                  8043+*
                           00000  8044+FDRHEADR EQU   *                                                  01-FDRLI
000000                            8045+FDRHNAME DS    CL8                NAME OF FILE BEEING DESCRIBED    01-FDRLI
000008                            8046+FDRHRBNM DS    XL1                NUMBER OF ROUINE USED TO FIND RBN 01-FDRLI
000009                            8047+FDRHLREP DS    XL2                LENGTH OF THE REPETITIVE PORTION 01-FDRLI
00000B                            8048+FDRHDNUM DS    XL2                NUMBER OF DETAIL ENTRY           01-FDRLI
00000D                            8049+FDRRPTNO DS    XL2                    REPORT NUMBER FOR OUTPUT     01-FDRLI
                           0000F  8050+FDRHEND  EQU   *                                                  01-FDRLI
                           0000F  8051+FDRHLEN  EQU   FDRHEND-FDRHEADR    LENGTH OF HEADER             01-FDRLI
                                  8052+*
                                  8053+*       ---DETAIL ENTRY---
                                  8054+*
00000F                     00000  8055+          ORG   FDRHEADR                                           01-FDRLI
                           00000  8056+FDDETAIL EQU   *                                                  01-FDRLI
000000                            8057+FDRDNAME DS    CL5                NAME OF FLD                      01-FDRLI
000005                            8058+FDRDOFFS DS    XL2                OFFSET FRM HEADER                01-FDRLI
000007                            8059+FDRDFORM DS    XL1                FORMAT OF FLD                    01-FDRLI
000008                            8060+FDRDPADK DS    XL1                BYTE FOR KEY PADDING             01-FDRLI
000009                            8061+FDRDEDIT DS    XL1                EDIT BYTE CONTROL                01-FDRLI
00000A                            8062+FDRDSIZE DS    XL1                LENGTH OF THE FIELD              01-FDRLI
00000B                            8063+FDRDOUTI DS    XL2                ITEM CODE OUT                    01-FDRLI
                           0000D  8064+FDRDEND  EQU   *                                                  01-FDRLI
                           0000D  8065+FDRDLEN  EQU   FDRDEND-FDDETAIL    LENGTH OF DETAIL FLD         01-FDRLI
                                  8066+*       EQUATES FOR FORMAT BYTE OF FILE DESCRIPTION
                                  8067+*       ******************************************
                                  8068+*
                                  8069+*
                           00080  8070+FDBIN    EQU   X'80'                BIT 0 =BINARY FORMAT             01-FDRLI
                           00040  8071+FDPACK   EQU   X'40'                BIT 1 =PACK FORMAT               01-FDRLI
                           00020  8072+FDCHAR   EQU   X'20'                BIT 2 =CHARACTER FORMAT          01-FDRLI
                           00010  8073+FDITACC  EQU   X'10'                BIT 3 =FIELD ACCESSED BY ITEM CODE 01-FDRLI
                           00008  8074+FDINKEY  EQU   X'08'                BIT 4 =FLD IS PART OF THE KEY    01-FDRLI
                           00004  8075+FDITLINE EQU   X'04'                BIT 5 =FLD ACCESSBY ITEM CODE LINE# 01-FDRLI
                           00002  8076+FDINHDR  EQU   X'02'                BIT 6 =FLD IS THE HEADER         01-FDRLI
                           00001  8077+FDREPET  EQU   X'01'                BIT 7 =FLD IS REPETITIVE PART    01-FDRLI
                                  8078+*       EQUATES FOR PAD    BYTE OF FILE DESCRIPTION
                                  8079+*       ******************************************
                           00080  8080+FDPADLFT EQU   X'80'                BIT 8 =PADDING LEFT              01-FDRLI
                           00040  8081+FDPADRGT EQU   X'40'                BIT 9 =PADDING RIGHT             01-FDRLI
                           00020  8082+FDPADBL  EQU   X'20'                BIT 10=PADDING WITH BLANK        01-FDRLI
                           00010  8083+FDPADZER EQU   X'10'                BIT 11=PAD WITH ZERO             01-FDRLI
                           00008  8084+FDTRUNKL EQU   X'08'                BIT 12=TRUNCKATE ON LEFT SIDE    01-FDRLI
                           00004  8085+FDTRUNKR EQU   X'04'                BIT 13=TRUNCKATE ON RIGHT SIDE   01-FDRLI
                           00002  8086+FDINSUBK EQU   X'02'                BIT 14=FLD IS PART OF THE SUBKEY 01-FDRLI
                           00001  8087+FDIN2REP EQU   X'01'                BIT 15=FLD IN SECOND REP PORTION 01-FDRLI
                                  8088+*
                                  8089+*       EQUATES FOR EDIT BYTE OF THE FILE DESCRIPTION
                                  8090+*       *********************************************
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                           00080  8091+FDDATE   EQU   X'80'              BIT16= DATE FIELD FOR EDIT          01-FDRLI
                           00040  8092+FDDOLLAR EQU   X'40'              BIT 17=FLD OF DOLLAR AMOUNT         01-FDRLI
                           00004  8093+FDNOVRY  EQU   X'04' BIT 21= FIELD DOES NOT HAVE TO BE VERIFIED.     01-FDRLI
                           00002  8094+FDCHEDIT EQU X'02' BIT 22= FIELD IS TO BE EDITED (CHAR ONLY).        01-FDRLI
                           00001  8095+FDNOCHG  EQU   X'01'              BIT    =ONLY DISPLAY FOR THIS FLD   01-FDRLI
                           00000  8096+FDNUM    EQU   X'00' NO BITS=NUMERIC FIELD(ZONED DECIMAL),           01-FDRLI
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                  8098           GBLB  &DMPRST                                                  00016705
                                  8099           COPY  SFCOREDS                                                 00016805

                                  8101 ********************************************************************** 00002000
                                  8102 *                                                                    * 00003000
                                  8103 *         S T O R E / F E T C H     D S E C T                       * 00004000
                                  8104 *     CORE-RESIDENT STRING  -  CHAIN, KEY & HEADER AREAS             * 00005000
                                  8105 *         ALSO USED TO DESCRIBE I/O AREA                             * 00006000
                                  8106 *                                                        CH-12/75*   00007000
                                  8107 *                                  CHANGED FOR 9.0 - JAN. 1982       * 00008000
                                  8108 ********************************************************************** 00009000

000000                            8110 SFCOREDS DSECT                                                         00011000
000000                            8111 SFCFWDPT DS    F              FORWARD POINTER-NEXT CORE STRING         00012000
000004                            8112 SFCBKDPT DS    F              BACKWARD POINTER-PREVIOUS CORE STRING    00013000
000008                            8113 SFTIME   DS    F              HOLDS COUNT STRING LAST ACCESSED - FROM  00014000
                                  8114 *                              CORE ACTIVITY COUNTER IN SPA EXTENSION  00015000
00000C                            8115           DS    F                  RESERVED - ROUNDS UP PREFIX AREA     00016000
                            00010 8116 SFIOAREA EQU   *          FROM HERE DSECT ALSO USED TO ADDRESS I/O AREA 00017000
000010                            8117 SFHKEY   DS    CL48           KEY-LEFT JUSTIFIED-BINARY ZERO PADDED    00018000
000040                            8118 SFHKSEQ# DS    H              SEQUENCE # FOR SEGMENTED STRINGS - DISC  00019000
000042                            8119           DS    H                    BINARY ZEROS                     00020000
000044                            8120           DS    F                  RESERVED-ROUNDS UP KEY AREA IN CORE  00021000
                                  8121           AIF   (NOT &DMPRST).SFNODMP IF ON-LINE, INCLUDE FULLWORD      00021010
                                  8122 .SFNODMP  ANOP                                                         00021030
                            00048 8123 SFRECORD EQU   *          DATA AREA RECORD STARTS HERE                 00022000
000048                            8124 SFHEADER DS    OCL24          24-BYTE INTERNAL HEADER                  00023000
000048                            8125 SFHBDW   DS    H              TOTAL STRING LENGTH - FROM USER          00024000
00004A                            8126 SFHRDW   DS    H              LENGTH THIS SEGMENT                      00025000
00004C                            8127 SFSEQTOT DS    H              TOTAL # SEGMENTS - ZERO IF ONLY 1        00026000
00004E                            8128 SFKEYSEQ DS    H              THIS SEGMENT RELATIVE (TO ZERO) SEQUENCE# 00027000
000050                            8129 SFHFLAG1 DS    X              FLAG BYTE 1                              00028000
                            00080 8130 SFHUFLAG EQU   X'80'          THIS RECORD HAS BEEN UPDATED             00029000
                            00020 8131 SFHFFLAG EQU   X'20'          STRING HAS BEEN FLUSHED TO DISK          00030000
                            00010 8132 SFHNFLAG EQU   X'10'          THIS STRING TEMPORARILY NOT FLUSHABLE    00031000
                            00002 8133 SFHTFLAG EQU   X'02'          ORIGINAL TRANSIENT STOW REQUEST FOR DISC 00032000
                            00001 8134 SFHCFLAG EQU   X'01'          ORIGINAL TRANSIENT STOW REQUEST FOR CORE 00033000
000051                            8135 SFHFLAG2 DS    X              FLAG BYTE 2                              00034000
000052                            8136 SFDDNSUF DS    C              DDNAME SUFFIX NUMBER - X'F0' TO X'F9'    00035000
000053                            8137 SFDSTYPE DS    C              DATA STRING TYPE - CHARACTER T/P/S       00036000
000054                            8138 SFHCHECK DS    H              COUNTER USED TO CHECK EACH SEGMENT - SAME 00037000
                                  8139 *                              STRING IN CASE I/O ERROR/SYSTEM CRASH  00038000
                                  8140 *                               DURING PREVIOUS UPDATE                00039000
000056                            8141 SFHKEYL  DS    H              ACTUAL LENGTH OF KEY FROM USER           00040000
000058                            8142           DS    F                  RESERVED                             00041000
00005C                            8143           DS    F                  RESERVED                             00042000
                            00018 8144 SFHDLEN  EQU   *-SFRECORD     HEADER LENGTH                            00043000
                            00060 8145 SFSTRING EQU   *              DATA STRING STARTS HERE                  00044000
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                  8148           COPY  SFTABLE                                                 00017005

                                  8150 ********************************************************************** 00002000
                                  8151 *                                                                    * 00003000
                                  8152 *         S T O R E / F E T C H     D S E C T                        * 00004000
                                  8153 *                    DESCRIBES 1 CORE TABLE ENTRY-SET UP BY STOSTART * 00005000
                                  8154 *                                                          CH-12/75* 00006000
                                  8155 *                                REVISED FOR RELEASE 9.0  -  6/82  * 00007000
                                  8156 ********************************************************************** 00008000

000000                            8158 SFTABLE  DSECT                                                         00010000
000000                            8159          DS    OF                                                      00011000
000000                            8160 SFTDDSUF DS    C              DDNAME SUFFIX CODE - X'F0' TO X'F9'      00012000
000001                            8161 SFTFLAGS DS    X              FLAG BYTE                                00013000
                           00080  8162 SFTFLAGO EQU   X'80'          *     THIS STORE/FETCH DATA SET OPEN     00014000
                           00040  8163 SFTFLAGF EQU   X'40'              TRANSIENT STRING PUT ON DISK     PG 00014100
000002                            8164 SFTCOUNT DS    H              COUNTER FOR CHECK VALUE-MULTI-SEG.STRINGS 00015000
000004                            8165 SFTCORPT DS    F              POINTER TO FIRST CORE STRING-ZERO IF NONE 00016000
000008                            8166 SFTTRKS# DS    H              NUMBER OF TRACKS-THIS DATA SET (DCBREL)   00017000
00000A                            8167 SFTLRECL DS    H              BLOCKSIZE OF A RECORD FOR THIS DATA SET   00018000
00000C                            8168 SFTBLTRK DS    H                   NUMBER OF BLOCKS PER TRACK        SY 00018010
00000E                            8169          DS    H                   UNUSED                            SY 00018020
000010                            8170 SFT#SPST DS    F             # OF S/F RECORDS THAT SPANNED BLOCKS     DR 00018030
000014                            8171 SFT#SFLH DS    F             # S/F SINGLESTRING FLUSHES               DR 00018040
000018                            8172 SFTSFHIC DS    F          MAX AMT STORAGE USED FOR IN CORE STRINGS    DR 00018050
00001C                            8173 SFTSTLEN DS    F             TOTAL LENGTH OF S/F STRINGS              DR 00018060
000020                            8174 SFT#STRS DS    F             NUMBER OF STRINGS                        DR 00018070
000024                            8175 SFTSTBLK DS    F             TOTAL # OF BLOCKS SEARCHED               DR 00018080
000028                            8176 SFT#SFRD DS    F             TOTAL # OF S/F READS                     DR 00018090
00002C                            8177 SFTSFCUS DS    F             AMT DYNAMIC CORE IN USE FOR STRINGS      DR 00018100
                           00030  8178 SFTABLEN EQU   *-SFTABLE      LENGTH ONE TABLE ENTRY                      00019000

                           0000A  8180 INTSTOW# EQU   10                  MAX NUMBER INTSTOR DATA SETS          00021000
```

```
LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                 8183           COPY  DDQENV                                                    00017205
                                 8184 *                                                                        00001000
                                 8185 *               DDQ GLOBAL DECLARATIONS                                  00002000
                                 8186 *                                                                        00003000
                                 8187           GBLA  &EXTNUM             NO. OF EXTENTS TO BE ALLOWED-MAXIMUM 00004000
                                 8188           GBLA  &MAXLEN             MAXIMUM RECORD SIZE ALLOWED ON QUES  00004500
                                 8189           GBLB  &UPDAT              UPDATE TO DYNAMIC QUEUES ALLOWED     00005000
                                 8190           GBLB  &WRTHEAD            WRITING TO THE HEAD OF A QUEUE IS OK 00006000
                                 8191           GBLB  &TRONLY             IF ONLY SINGLE-RETRIEVAL TRANSIENT Q 00008000
                                 8192           GBLB  &SHARED             IF QUEUEING DATA SETS ARE SHARED     00008100
                                 8193           GBLB  &INTLOCK            I/O IS TO BE EXCLUSIVE ONLY          00008200
                                 8194 *                                                                        00009000
                                 8195 *               CURRENT DDQ OPTIONS IN EFFECT                            00010000
                                 8196 *                                                                        00011000
                                 8197 &MAXLEN   SETA  32760             32,760 BYTES IS CURRENT MAX. RECSIZE 00011500
                                 8198 &EXTNUM   SETA  16                16 EXTENTS IS MAXIMUM                00012000
                                 8199 &UPDAT    SETB  1                 UPDATING ALLOWED                     00013000
                                 8200 &WRTHEAD  SETB  1                 WRITING TO THE HEAD OF QUEUE IS OK   00014000
                                 8201 &TRONLY   SETB  0                 ALLOW PERMANENT TYPE QUEUES          00016000
                                 8202 &SHARED   SETB  1                 SHARED QUEUEING DATA SETS SUPPORTED  00016100
                                 8203 &INTLOCK  SETB  1                 SET TO LOCK OUT Q MULTITHREADING     00016200
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                  ASM H V 02 15.46 09/01/98

                                  8205           COPY   DDQSECTS                                                  00017405
                                  8206 *                                                                          00001000
                                  8207 *                 DSECT FOR QUEUE CONTROL BLOCK -- QCB                     00002000
                                  8208 *                                                                          00003000
000000                            8209 QCBDSECT  DSECT  ,                                                        00004000
                            00000 8210 QCBKEY    EQU    *                 START OF KEY AREA                       00005000
000000                            8211 QCBQID    DS     CL16              QUEUE IDENTIFIER                        00006000
                            00010 8212 QCBDATA   EQU    *                 START OF DATA AREA                      00007000
000010                            8213 QCBDDNAM  DS     CL8               DD NAME OF DATA SET QUEUE RESIDES ON    00008000
000018                            8214 QCBQCFRB  DS     F                 RBN OF QCB IF ON QCF FILE               00009000
00001C                            8215 QCBNUMEX  DS     H                 NO. OF EXTENTS OWNED BY QUEUE           00010000
00001E                            8216 QCBBLOKS  DS     H                 SIZE,IN BLOCKS, OF EACH EXTENT          00011000
                                  8217 QCBEXTS   DS     &EXTNUM.CL4 *           STARTING RBN'S OF OWNED XTENTS    00012000
000020                             +QCBEXTS      DS     16CL4       *           STARTING RBN'S OF OWNED XTENTS    00012000
                            00001 8218 QCBNEWEX  EQU    X'01'             *  NEW EXTENT FLAG IN HI-BYTE OF EXT    00013000
                                  8219 QCBMAXEX  EQU    &EXTNUM *           MAX. NO. OF XTENTS ALLOWED          00014000
                            00010  +QCBMAXEX     EQU    16      *           MAX. NO. OF XTENTS ALLOWED          00014000
000060                            8220 QCBRDBUF  DS     F                 ADDR. OF READ BUFFER FOR BLOCKED Q      00015000
000064                            8221 QCBWRBUF  DS     F                 ADDR. OF WRITE BUFFER FOR BLOCKED Q     00016000
000068                            8222 QCBEXTUP  DS     H                 OFFSET TO EXTENT TO UPDATE              00017000
00006A                            8223 QCBEXTRD  DS     H                 OFFSET TO LAST EXTENT READ FROM         00018000
00006C                            8224 QCBEXTWR  DS     H                 OFFSET TO LAST EXTENT WRITTEN TO        00019000
00006E                            8225 QCBRBNUP  DS     H                 NO. OF BLOCKS READ IN UPDATE XTENT      00020000
000070                            8226 QCBRBNRD  DS     H                 NO. OF BLOCKS READ - LAST XTNT READ     00021000
000072                            8227 QCBRBNWR  DS     H                 NO. OF AVAIL. BLOCKS IN LAST EXTENT     00022000
000074                            8228 QCBRBNHD  DS     H                 NO. OF AVAIL. BLOKS IN FIRST XTENT      00023000
000076                            8229 QCBWRBSZ  DS     H                 SIZE OF CURRENT WRITE BUFFER            00024000
000078                            8230 QCBRDBSZ  DS     H                 SIZE OF THE READ BUFFER                 00024500
00007A                            8231 QCBHDBSZ  DS     H                 CURRENT LOGICAL SIZE OF FIRST BLOCK     00025000
00007C                            8232 QCBUPLEN  DS     H                 LEN. OF RECORD READ FOR UPDATE          00026000
00007E                            8233 QCBMAXSZ  DS     H                 SIZE OF LARGEST RECORD IN QUEUE         00027000
000080                            8234 QCBRELNO  DS     X                 REL. NO. OF BLOCK WITHIN TRACK--QCF     00028000
000081                            8235 QCBOPTS   DS     X                 QUEUE OPTIONS BYTE                      00029000
                            00080 8236 QCBBLKNG  EQU    X'80'             *  QUEUE IS BLOCKED                     00030000
                            00040 8237 QCBSNGLE  EQU    X'40'             *  QUEUE IS SINGLE-RETRIEVAL TYPE       00031000
                            00020 8238 QCBPERM   EQU    X'20'             *  QUEUE IS PERMANENT TYPE              00032000
                            00010 8239 QCBSEMI   EQU    X'10'             *  QUEUE IS SEMI-PERMANENT TYPE         00033000
                            00008 8240 QCBTRANS  EQU    X'08'             *  QUEUE IS TRANSIENT TYPE              00034000
                            00004 8241 QCBDDQID  EQU    X'04'             *  QUEUE ID IS NOT USER-SUPPLIED        00035000
000082                            8242 QCBSW     DS     X                 QUEUE FLAGS BYTE                        00036000
                            00080 8243 QCBOPEN   EQU    X'80'             *  QUEUE IS OPEN                        00037000
                            00040 8244 QCBHASCH  EQU    X'40'             *  QUEUE HAS CHAINED RECORDS            00037020
                            00020 8245 QCBQOWND  EQU    X'20'             *  INDICATE QUEUE IS BEING ACCESSED     00037040
                            00010 8246 QCBNQDON  EQU    X'10'             *  INDICATE QUEUE WAS ENQUED ON         00037060
                            00008 8247 QCBFEDBK  EQU    X'08'             *  INDICATE FEEDBACK WAS GIVENPTF206    00037080
                            00004 8248 QCBRDONY  EQU    X'04'             READ ONLY DDQ                  SM0629   00037082
000084                            8249 QCBCFDDQ  DS     F                 CF/CICS DDQ NUMBER OF RECORDS.   JWM    00037090
                                  8250 *                                                                          00040000
000088                            8251           DS     0D                                                       00041000
                            00088 8252 QCBLEN    EQU    *-QCBDSECT        LENGTH OF A QUEUE CONTROL BLOCK         00042000
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                  8254 *                                                                      00044000
                                  8255 *               DSECT FOR BLOCK CONTROL WORD -- BCW                    00045000
                                  8256 *                                                                      00046000
000000                            8257 BCWDSECT DSECT ,                                                       00047000
000000                            8258 BCWLAST  DS    H                 OFFSET TO LAST RECORD READ/WRIT TO B 00048000
000002                            8259 BCWRECS  DS    X                 NO. OF RECORDS IN BLOCK              00049000
000003                            8260 BCWREADS DS    X                 NO. OF RECORDS READ                  00050000
000004                            8261         DS    F                 RESERVED                             00050500
                            00008 8262 BCWEND   EQU   *                 START OF DATA IN BLOCK               00051000
                                  8263 *                                                                      00052000
                            00008 8264 BCWLEN   EQU   *-BCWDSECT        LENGTH OF A BLOCK CONTROL WORD       00053000
                                  8265 *                                                                      00054000
                                  8266 *               DSECT FOR CHAIN CONTROL WORD -- CCW                    00055000
                                  8267 *                                                                      00056000
000000                            8268 CCWDSECT DSECT ,                                                       00057000
000000                            8269 CCWFLAGS DS    0X                FLAGS BYTE--ONLY HI-BIT IS USEABLE   00058000
                            00080 8270 CCWCHAIN EQU   X'80'             *  CHAIN FLAG                        00059000
000000                            8271 CCWBLOKS DS    H                 NO. OF BLOCKS IN CHAIN               00060000
000002                            8272 CCWLSTLN DS    H                 LENGTH OF DATA IN LAST CHAIN BLOCK   00061000
000004                            8273 CCWCONST DS    CL4               CHAIN CONTROL WORD ID FIELD          00061100
                            00008 8274 CCWEND   EQU   *                 START OF DATA IN FIRST BLOCK OF CHN. 00062000
                                  8275 *                                                                      00063000
                            00008 8276 CCWLEN   EQU   *-CCWDSECT        LENGTH OF A CHAIN CONTROL WORD       00064000
                                  8277 *                                                                      00065000
                                  8278 *               DSECT FOR QUEUE STATUS WORD -- QSW                     00066000
                                  8279 *                                                                      00067000
000000                            8280 QSWDSECT DSECT ,                                                       00068000
000000                            8281 QSWRETCD DS    C                 RETURN CODE TO USER                  00069000
                            000E7 8282 QSWILOCK EQU   C'X'              *  INTERLOCK REQUEST CODE            00069500
000001                            8283 QSWBYT2  DS    C                 STATUS BYTE -- POSSIBLE SETTINGS-    00070000
                            000E3 8284 QSWTRANS EQU   C'T'              *  BUILD A TRANS/MULTI-RETRIEVAL QUE 00071000
                            000E5 8285 QSWSNGLE EQU   C'V'              *  BUILD A TRANS/SINGLE-RETRIEVAL QU 00072000
                            000E2 8286 QSWSEMI  EQU   C'S'              *  BUILD A SEMI-PERMANENT QUEUE      00073000
                            000D7 8287 QSWPERM  EQU   C'P'              *  BUILD A PERMANENT QUEUE           00074000
                            000D4 8288 QSWMESG  EQU   C'M'              *  QCB IS TO BE FOUND IN SPECIAL MSG 00075000
                            000C8 8289 QSWHEAD  EQU   C'H'              *  WRITE THIS RECORD TO HEAD OF QUE  00076000
                            000C6 8290 QSWFREE  EQU   C'F'              *  FREE A QUEUE                      00077000
                            000D7 8291 QSWPASS  EQU   C'P'              *  PASS THE Q TO ANOTHER SUBSYSTEM   00078000
                            000E3 8292 QSWCLOST EQU   C'T'              *  DO A TYPE 'T' CLOSE               00078020
                            000D3 8293 QSWLREAD EQU   C'L'              *  READ A RECORD BY LOCATION GIVEN   00078040
                            000D9 8294 QSWRDONY EQU   C'R'              READ ONLY DDQ                SM0629 00078060
000002                            8295 QSWBLKSZ DS    0H                BLOCK SIZE OF QUEUE                  00079000
000002                            8296 QSWBYT3  DS    C                 STATUS BYTE -- POSSIBLE SETTINGS-    00080000
                            000C2 8297 QSWBLKNG EQU   C'B'              *  BLOCKED QUEUE                     00081000
000003                            8298 QSWBYT4  DS    C                 STATUS BYTE  -- POSSIBLE SETTINGS-   00082000
                            000D8 8299 QSWQID   EQU   C'Q'              *  USER IS SUPPLYING THE QUEUE ID    00083000
                                  8300 *                                                                      00084000
                            00004 8301 QSWLEN   EQU   *-QSWDSECT        LENGTH OF QUEUE STATUS WORD          00085000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                   8303 *                                                                      00087000
                                   8304 *              DSECT FOR PARAMETER LIST -- PARM                        00088000
                                   8305 *                                                                      00089000
000000                             8306 PARMSECT DSECT ,                                                       00090000
000000                             8307 PARMQLB  DS    F                 ADDR. OF QUEUE LOCATE BLOCK           00091000
000004                             8308 PARMQSW  DS    F                 ADDR. OF QUEUE STATUS WORD            00092000
000008                             8309 PARMSIZ  DS    OF                ADDR. OF HALFWORD WITH NO. OF BLOCKS  00093000
000008                             8310 PARMSSC  DS    OF                ADDR. OF 4-BYTE AREA WITH S/S CODES   00094000
000008                             8311 PARMQIO  DS    F                 ADDR. OF QUEUE I/O AREA,USUALLY       00095000
00000C                             8312 PARMRBN  DS    OF                PHYSICAL RBN TO READ OR WRITTEN       00096000
00000C                             8313 PARMDDN  DS    F                 ADDR. OF DD NAME OF DATA SET TO Q ON  00097000
                                   8314 *                                                                      00098000
                                   8315 *              DSECT FOR FREE EXTENT BLOCK -- FEB                      00099000
                                   8316 *                                                                      00100000
000000                             8317 FEBDSECT DSECT ,                                                       00101000
                             00000 8318 FEBHEADR EQU   *                 START OF HEADER FEB                   00102000
000000                             8319 FEBMAX   DS    H                 MAXIMUM NO. OF FBE'S TABLE CAN HOLD   00103000
000002                             8320 FEBNOFEB DS    H                 NO. OF FEB'S IN USE                   00104000
000004                             8321 FEBSTART DS    H                 OFFSET TO FIRST FEB IN USE CHAIN      00105000
000006                             8322 FEBUNUSE DS    H                 OFFSET TO FIRST FEB IN UNUSED CHAIN   00106000
000008                             8323          DS    F                 RESERVED                              00107000
                                   8324 *                                                                      00108000
                             0000C 8325 FEBHDLEN EQU   *-FEBHEADR        LENGTH OF HEADER IN FREE EXTENTS TBL  00109000
                                   8326 *                                                                      00110000
00000C                       00000 8327          ORG   FEBHEADR                                                00111000
                             00000 8328 FEBDTAIL EQU   *                 START OF DETAIL FEB                   00112000
000000                             8329 FEBNEXT  DS    H                 OFFSET FROM FEBHEADR TO NEXT FEB      00113000
000002                             8330 FEBPREV  DS    H                 OFFSET FROM FEBHEADR TO PREVIOUS FEB  00114000
000004                             8331 FEBRBN   DS    F                 STARTING RBN OF FREE EXTENT           00115000
000008                             8332 FEBBLOKS DS    F                 SIZE,INBLOCKS, OF FREE EXTENT         00116000
                                   8333 *                                                                      00117000
                             0000C 8334 FEBLEN   EQU   *-FEBDTAIL        LENGTH OF A DETAIL FREE EXTENT BLOCK  00118000
                                   8335 *                                                                      00119000
                                   8336 *              DSECT FOR QUEUE LOCATE BLOCK -- QLB                     00120000
                                   8337 *                                                                      00121000
000000                             8338 QLBDSECT DSECT ,                                                       00122000
000000                             8339 QLBQID   DS    CL16              QUEUE ID                              00123000
000010                             8340 QLBQCBAD DS    A                 ADDR. OF QUEUE CONTROL BLOCK          00124000
000014                             8341          DS    7F                RESERVED                              00125000
                                   8342 *                                                                      00126000
                             00030 8343 QLBLEN   EQU   *-QLBDSECT        LENGTH OF QUEUE LOCATE BLOCK          00127000
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

                                  8345 *                                                                      00129000
                                  8346 *               DSECT FOR DATA SET ELEMENT -- DSE                      00130000
                                  8347 *                                                                      00131000
000000                            8348 DSEDSECT DSECT ,                                                       00132000
                                  8349 *                                                                      00133000
                                  8350 *               DATA SET TABLE PREFIX                                  00134000
                                  8351 *                                                                      00135000
000000                            8352 DSENEXT  DS    A                  ADDR OF FIRST/NEXT DSE OR 0 IF LAST  00136000
                            00004 8353 DSEPREFX EQU   *                  START OF PREFIX TO DSE TABLE          00137000
000004                            8354 DSEQCFDD DS    CL8                DD NAME OF QUEUE CONTROL FILE         00146000
00000C                            8355 DSESCFDD DS    CL8                DD NAME OF SPACE CONTROL FILE         00147000
000014                            8356 DSEQCFSZ DS    F                  NO. OF BLOCKS IN QCF FILE             00148000
                                  8357 *                                                                      00149000
                                  8358 *               DATA SET ELEMENTS                                      00150000
                                  8359 *                                                                      00151000
000018                      00004 8360          ORG   DSEPREFX           START OF TABLE ELEMENTS               00152000
000004                            8361 DSEDDNAM DS    CL8                DD NAME OF DATA SET DESCRIBED BY DSE  00153000
00000C                            8362 DSEDSIZE DS    F                  NO. OF BLOCKS IN DATA SET             00154000
000010                            8363 DSETRESH DS    F                  NO. OF BLOCKS IN USE TO GEN. WARNING  00155000
000014                            8364 DSESTIME DS    F                  DISPATCH TIME FOR DDQ STATISTICS      00156000
000018                            8365 DSEFETAD DS    A                  ADDR. OF FREE EXTENTS TABLE           00157000
00001C                            8366 DSEFETSZ DS    H                  SIZE OF FREE EXTENTS TABLE            00158000
00001E                            8367 DSEBLKSZ DS    H                  BLOCK SIZE OF DATA SET                00159000
000020                            8368 DSEBLOKS DS    H                  DEFAULT NO. OF BLOCKS PER EXTENT      00160000
000022                            8369 DSERELNO DS    H                  RELATIVE DATA SET NO.                 00161000
000024                            8370 DSEFLAGS DS    X                  FLAGS BYTE                            00162000
                            00080 8371 DSEACT   EQU   X'80'              *  DATA SET IS USEABLE                00163000
                            00040 8372 DSEDEFLT EQU   X'40'              *  DEFAULT DATA SET FOR QUE CREATION  00164000
                            00020 8373 DSEPERMS EQU   X'20'              *  PERM & SEMI-PERM QUEUES ALLOWED    00165000
                            00010 8374 DSERECOV EQU   X'10'              *  RECOVER QUEUES ON RESTART          00166000
                            00008 8375 DSESTATS EQU   X'08'              *  STATISTICS ON DDQ ARE TO BE KEPT   00167000
                            00004 8376 DSESHARD EQU   X'04'              *  DATA SET IS SHARED ACROSS REGIONS  00168000
                            00002 8377 DSEBLKNG EQU   X'02'              *  BLOCKING IS PERMITTED              00169000
                            00001 8378 DSEWARND EQU   X'01'              *  ON IF WARNING MSG WAS ISSUED       00169500
                                  8379 *                                                                      00170000
                                  8380 *               OPTIONAL STATISTICS APPENDAGE                          00171000
                                  8381 *                                                                      00172000
000028                            8382          DS    OF                                                      00173000
000028                            8383 DSEQSBEG DS    F                  NO. OF QUEUES AT STARTUP              00174000
00002C                            8384 DSEQSHWM DS    F                  HIGH-WATER MARK FOR QUEUES            00175000
000030                            8385 DSEQSTR  DS    F                  NO. OF TRANSIENT QUEUES NOW           00176000
000034                            8386 DSEQSPR  DS    F                  NO. OF PERMANENT QUEUES NOW           00177000
000038                            8387 DSEQSEM  DS    F                  NO. OF SEMI-PERMANENT QUEUES NOW      00178000
00003C                            8388 DSEBHWM  DS    F                  HIGH-WATER MARK FOR BLOCKS USED       00179000
000040                            8389 DSEXFREE DS    F                  NO. OF EXTENTS FREED                  00180000
000044                            8390 DSEXACQ  DS    F                  NO. OF EXTENTS ACQUIRED               00181000
000048                            8391 DSEXSEC  DS    F                  NO. OF SECONDARY EXTENTS ALLOCATED    00182000
00004C                            8392 DSEFULL  DS    F                  EXTENT REQUEST FAILURES               00183000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM H V 02 15.46 09/01/98

                                   8394 *                                                                          00185000
                                   8395 *              DSECT FOR DDQ WORK AREAS - WRKDSECT                         00186000
                                   8396 *                                                                          00187000
000000                             8397 WRKDSECT DSECT ,                                                           00188000
000000                             8398          DS    18F              NORMAL REGISTER SAVE AREA                  00189000
000048                             8399 WSAVAREA DS    15F             SAVE TRANSIENT RTE. CALLER'S REGS.          00190000
000084                             8400 WLIST    DS    5F               PARAMETER ADDRESSES AREA                   00191000
000098                             8401 WRBN     DS    F                RBN FOR I/O                                00192000
00009C                             8402 WEXT     DS    F                EXTENT TO GET/FREE                         00193000
0000A0                             8403 WSTATUS  DS    F                FILE HANDLER CONTROL WORD                  00194000
0000A4                             8404 WDSCT    DS    12F              FILE HANDLER EXTERNAL DSCT                 00195000
0000D4                             8405 WHDBUFF  DS    F                ADDR. OF HEADER BUFFER                     00196000
0000D8                             8406 WCHBUFF  DS    F                ADDR. OF CHAINING BUFFER                   00197000
0000DC                             8407 WBLOKS   DS    H                BLOCKS IN CHAIN                            00198000
0000DE                             8408 WLSTLN   DS    H                LEN. OF DATA IN LAST BLOCK OF CHAIN        00199000
0000E0                             8409 WCHLEN   DS    H                ACCUMULATOR FOR CHAIN LENGTH               00200000
0000E2                             8410 WHALF    DS    H                HALFWORD WORK AREA                         00201000
0000E4                             8411 WOFFEXT  DS    H                OFFSET TO XTENT WRITING CHAIN TO           00202000
0000E6                             8412 WRELBNO  DS    0X               RELATIVE RE. NO. WITHIN BLOCK              00202500
0000E6                             8413 WPOST    DS    X                RETURN CODE SAVE AREA                      00203000
0000E7                             8414 WCALLSW  DS    X                CALLED ENTRY POINT FLAGS                   00204000
                            00080  8415 WQREAD   EQU   X'80'              *  QREAD WAS CALLED                        00205000
                            00040  8416 WQREADX  EQU   X'40'              *  QREADX WAS CALLED                       00206000
                            00020  8417 WQWRITE  EQU   X'20'              *  QWRITE WAS CALLED                       00207000
                            00010  8418 WQWRITEX EQU   X'10'              *  QWRITEX WAS CALLED                      00208000
                            00008  8419 WQOPEN   EQU   X'08'              *  QOPEN WAS CALLED                        00209000
                            00004  8420 WQBUILD  EQU   X'04'              *  QBUILD WAS CALLED                       00210000
                            00002  8421 WQCLOSE  EQU   X'02'              *  QCLOSE WAS CALLED                       00211000
                            00001  8422 WRMPURGE EQU   X'01'              *  QCLOSE CALLED BY RMPURGE   XM0296 00211100
0000E8                             8423 WORKSW   DS    X                INTERNAL FLAGS AND SWITCHES                00212000
                            00080  8424 WCHAIN   EQU   X'80'              *  CHAINING IN PROGRESS                    00213000
                            00040  8425 WEXPARM  EQU   X'40'              *  EXTRA PARAMETER IN CALL                 00214000
                            00020  8426 WFREE    EQU   X'20'              *  FREE QUEUE REQUEST                      00215000
                            00010  8427 WPASS    EQU   X'10'              *  PASS QUEUE REQUEST                      00216000
                            00008  8428 WHEAD    EQU   X'08'              *  WRITE TO Q HEAD IN PROGRESS             00217000
                            00004  8429 WPURGE   EQU   X'04'              *  PURGE IN PROGRESS                       00218000
                            00002  8430 WINTLOCK EQU   X'02'              *  I/O INTERLOCK HAS BEEN SET              00218100
0000E9                             8431 WORKSW2  DS    X                SECOND FLAGS AND SWITCHES BYTE             00218110
                            00080  8432 WTYPET   EQU   X'80'              *  TYPE 'T' CLOSE REQUEST                  00218120
                            00040  8433 WPOST2   EQU   X'40'              *  RETURN POST CODE 2 ON DIRECT READ       00218130
                            00020  8434 WDIDENQ  EQU   X'20'              *  THIS THREAD ENQUED ON QUEUE             00218140
                            00010  8435 WRRNREAD EQU   X'10'              READ BY RELATIVE REC. NO.       PTF024 00218150
                                   8436 *                                                                          00219000
0000F0                             8437 WENQID   DS    0D          SCF FILE ENQUEUE ID AREA (16 BYTES)   XM0296 00219010
0000F0                             8438 WSCFNAME DS    CL8              HOLDS SCF FILE DDNAME              XM0296 00219020
0000F8                             8439 WRBNSCF  DS    F                                                   PTF179 00219100
0000FC                             8440 WEIDPAD  DS    F                HOLDS SCF FILE RBN IN DECIMAL      XM0296 00219200
000100                             8441          DS    0D                                                          00220000
                            00100  8442 WORKLEN  EQU   *-WRKDSECT         LENGTH OF WORK/SAVE AREA                   00221000
   IEV043  *** ERROR ***  PREVIOUSLY DEFINED SYMBOL  --  WORKLEN
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM H V 02 15.46 09/01/98

                                  8444          COPY  FECMDSEC                                                  00017605
                                  8445 *****FRONT END CONTRL MESSAGE FORMATS (FECM)                            JA 00001000
                                  8446 *EXTENSION TO MSGHDR DSECT                                              JA 00002000

                                  8448 *FIELDS USED BY ALL                                                     JA 00004000
000100                            8449 FECMFLAG DS    XL8                FILLED WITH CHAR BELOW IF FECM        JA 00005000
                          000FE   8450 FECMMARK EQU   X'FE'              REPEAT 8 TIMES IN ABOVE               JA 00006000
000108                            8451 FECMTYPE DS    CL4                TYPE INDCIATOR                        JA 00007000
00010C                            8452 FECMSW   DS    B                  SWITCHES                              JA 00008000
                          00080   8453 QISOPEN  EQU   X'80'              DDQ (IF ANY) IS OPEN                  JA 00009000
                          00080   8454 F6ROTID  EQU   X'80'              ROUTE RESPONSE TO SPECIFIED TID 69MD  00009100
                          00040   8455 F6ROSS   EQU   X'40'              ROUTE RESPONSE TO A SUBSYSTEM SM2243  00009200
                          00020   8456 F6TIDNO  EQU   X'20'              SPECIFIED TID IS NOT ORIGINAL SM2243  00009300
                          00010   8457 F6SSNEW  EQU   X'10'              CREATE NEW THREAD OPTION FOR SS 69MD  00009400
                          00008   8458 VISBTVB  EQU   X'08'              VERB ENTRY HAS A(BTVERB) ENTRY  69MD  00009500
                          00004   8459 OLUBOK   EQU   X'04'              ORIGINATING TERMINAL LUB KNOWN  69MD  00009600
                          00002   8460 ALUBOK   EQU   X'02'              APPLID CONTROL LUB IS KNOWN   SM2243  00009700
                          00001   8461 FMH7ERR  EQU   X'01'              FMH-7 ERROR RESPONSE RECEIVED SM2243  00009800
000110                            8462 FECMLINK DS    A                  PTR TO PREV FECM IF THIS ONE FROM JAX00010000
                                                                         A DDQ ITSELF                          JA 00011000
000114                    00110   8463          ORG   FECMLINK           SET TO REDEFINE FECMLINK      SM2243  00011100
                                  8464 *    THESE SS CODES USED INSTEAD OF FELU6SSC/SCH IF F6SSNEW SET  SM2243  00011200
000110                            8465 FELU6RSC DS    XL1                SS CODE OF RECEIVING SUBSYSTEM  69MD  00011300
000111                            8466 FELU6RCH DS    XL1                DITTO - HI ORDER BYTE         SM2243  00011400
000112                            8467 FELU6OPT DS    XL1                INITLU6 CALL OPTION USED      SM2243  00011500
000113                            8468 FELU6MRX DS    XL1                MRS SATELITTE REGION ID       SM2243  00011600
000114                    00114   8469          ORG   .                                            SM2243  00011700
                          00114   8470 FECMTEXT EQU   *                                                      JA 00012000

                                  8472 *DDQ SENT TO FRONT END (TYPE='DDQX')                                    JA 00014000
000114                            8473 FEDDQDSP DS    CL1                DDQ DISPOSITION (' ' OR 'F')          JA 00015000
000116                            8474 FEQLR    DS    H                  MAX REC SIZE (DW MULIPLE)             JA 00016000
000118                            8475          DS    OF                                                       00017000
000118                            8476 FEDDQID  DS    OXL16              FIRST 16 BYTES OF QLB                 JA 00018000
000118                            8477 FEQLB    DS    12F                SPACE FOR QLB                         JA 00019000
                          00072   8478 DDQXLEN  EQU   MSGHLNTH+*-FECMFLAG LENGTH OF DDQ FECM                    JA 00020000

                                  8480 *FEEDBACK MESSAGE TYPE='FDBK'                                           JA 00022000
000148                    00114   8481          ORG   FECMTEXT           BACK                                  JA 00023000
000114                            8482 FEFDBRSC DS    XL2                RECEIVING SUBSYS CODE (H,L)           JA 00024000
000116                            8483 FEFDBDAT DS    XL16               USER DATA                             JA 00025000
                          00050   8484 FDBKMLEN EQU   MSGHLNTH+*-FECMFLAG LENGTH OF FEEDBACK FECM             JA 00026000
                          0003A   8485 FDBKLEN  EQU   MSGHLNTH+L'FEFDBDAT LENGTH OF MSG TO RSC                 JA 00027000
000126                    00148   8486          ORG   .                                                        JA 00028000

                                  8488 *INTERNAL-RLSE MSG, TYPE='RLSE'  (REPLACEMENT FOR INTERNAL RLSE VERB)JA 00030000
000148                    00114   8489          ORG   FECMTEXT                                               JA 00031000
                                  8490 *    NO OTHER PARMS DEFINED FOR RLSE                                    JA 00032000
                          0003E   8491 RLSEMLEN EQU   MSGHLNTH+*-FECMFLAG LEN OF RLSE FECM                    JA 00033000

                                  8493 *APPC TRANSACTION MESSAGE DEFINITION TYPE='LU62'                SM2243  00035000
000114                    00114   8494          ORG   FECMTEXT           BACK TO REDEFINE              SM2243  00036000
000114                            8495 FELU6VRB DS    OCL4               INPUT VERB FROM ORIGINAL MSG  SM2243  00037000
000114                            8496 FELU6BTV DS    F                  POINTER TO BTVERB ENTRY       SM2243  00038000
000118                            8497 FELU6LBO DS    F                  LUB OF ORIGINATING TERMINAL   SM2243  00039000
```

```
  LOC  OBJECT CODE     ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM H V 02 15.46 09/01/98

00011C                             8498 FELU6LBS DS    F                  LUB OF APPLID CONTROL SESSION SM2243 00040000
000120                             8499 FELU6WQE DS    F                  WQE OF CONVERSE TIME-OUT RTN  SM2243 00041000
000124                             8500 FELU6TOT DS    H                  CONVERSE TIME OUT VALUE       SM2243 00042000
000126                             8501 FELU6LEN DS    H                  LENGTH OF MESSAGE TEXT DATA   SM2243 00043000
000128                             8502 FELU6APL DS    CL8                APPLID OF RECEIVING SYSTEM    SM2243 00044000
000130                             8503 FELU6TID DS    CL5                ORIGINATING TERMINAL ID       SM2243 00045000
000135                             8504 FELU6SSC DS    XL1                SS CODE OF SENDING SUBSYSTEM  SM2243 00046000
000136                             8505 FELU6SCH DS    XL1                DITTO - HI ORDER BYTE         SM2243 00047000
000137                             8506 FELU6RC  DS    CL1                RETURN CODE FOR B/E           SM2243 00048000
                         00062     8507 LU62MLEN EQU   MSGHLNTH+*-FECMFLAG FIXED LENGTH OF FECMLU6      SM2243 00049000
                         00138     8508 FELU6MSG EQU   *                  BEGINNING OF MESSAGE DATA(-VRB) 52MD 00050000
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                        ASM H V 02 15.46 09/01/98

                                   8511           COPY  INTTABDS                                                    00017805
000000                             8512 INTTFCBH  DSECT                                                  SM2257 00000100
                                   8513 *                    TABLE FACILITY TFCB AREA HEADER             SM2257 00000200
000000                             8514 TFCBHEAD  DS    CL4      SET TO TAG 'TFCB' WHEN AREA ACQUIRED      SM2257 00000300
000004                             8515 TFCBHFRE  DS    F        OFFSET TO FIRST FREE TFCB                 SM2257 00000400
000008                             8516 TFCBHUSE  DS    F        OFFSET TO FIRST (MOST RECENT) USED TFCB   SM2257 00000500
00000C                             8517 TFCBH#TR  DS    F        NUMBER TFCB AREA RELOCATIONS              SM2257 00000600
000010                             8518 TFCBHASZ  DS    F        CURRENT TFCB AREA SIZE                    SM2257 00000700
000014                             8519 TFCBHSPC  DS    F        CURRENT TABLE DATA SPACE IN USE           SM2257 00000800
000018                             8520 TFCBHSPM  DS    F        MAX TABLE DATA SPACE USED THIS RUN        SM2257 00000900
00001C                             8521 TFCBH#TB  DS    F        CURRENT NUMBER ALLOCATED TABLES           SM2257 00001000
000020                             8522 TFCBH#TM  DS    F        MAX NUMBER ALLOCATED TABLES THIS RUN      SM2257 00001100
000024                             8523 TFCBHMXE  DS    F        MAX ENTRIES IN LARGEST TABLE              SM2257 00001200
000028                             8524 TFCBHMTS  DS    F        LARGEST CLOSED TABLE SIZE                 SM2257 00001300
00002C                             8525 TFCBHATS  DS    F        AVERAGE TABLE SIZE (CORE ALLOCATED)       SM2257 00001400
000030                             8526 TFCBHEXT  DS    F        TOTAL TABLE AREA EXPANSIONS               SM2257 00001500
000034                             8527 TFCBHTOT  DS    F        TOTAL TABLES CREATED - THIS RUN           SM2257 00001600
000038                             8528 TFCBH333  DS    F            UNUSED (RESERVED)                     SM2257 00001700
00003C                             8529 TFCBH444  DS    F            UNUSED (RESERVED)                     SM2257 00001800
```

```
  LOC  OBJECT CODE     ADDR1 ADDR2  STMT   SOURCE STATEMENT                                        ASM H V 02 15.46 09/01/98
000000                            8531 INTTFCB  DSECT                                                          SM2257 00002000
                                  8532 *                    TABLE FACILITY TFCB AREA LAYOUT                    SM2257 00002100
000000                            8533 TFCBNAME DS    CL16      TABLE NAME                                       SM2257 00002200
000010                            8534 TFCBPREV DS    F         OFFSET TO PREVIOUS IN USE/FREE TFCB              SM2257 00002300
                                  8535 *                          ZERO IF FIRST                              SM2257 00002400
000014                            8536 TFCBNEXT DS    F         OFFSET TO NEXT IN USE/FREE TFCB                  SM2257 00002500
                                  8537 *                          ZERO IF LAST                               SM2257 00002600
000018                            8538 TFCBDATA DS    F         ADDRESS ALLOCATED TABLE DATA AREA                SM2257 00002700
00001C                            8539 TFCBDTSZ DS    F         SIZE OF ALLOCATED TABLE DATA AREA                SM2257 00002800
000020                            8540 TFCBENUM DS    F         NUMBER USED ENTRIES IN DATA AREA                 SM2257 00002900
000024                            8541 TFCBELEN DS    H         LENGTH OF EACH TABLE ENTRY (1-4096)              SM2257 00003000
000026                            8542 TFCBKLEN DS    X         LENGTH-1 OF ENTRY KEY (IF ANY) (1-256)           SM2257 00003100
000027                            8543 TFCBKOFF DS    X         OFFSET TO KEY IN EACH ENTRY (0-255)              SM2257 00003200
000028                            8544 TFCBREAD DS    F          (ZERO IN USER AREA AT BUILD/OPEN/SORT)          SM2257 00003300
00002C                            8545 TFCBENDE DS    F         OFFSET TO LAST VALID TABLE ENTRY                 SM2257 00003400
000030                            8546 TFCBDWS  DS    F         ADDRESS OF USER TFCB COPY (BUILD/MODIFY)         SM2257 00003500
000034                            8547 TFCBUKEY DS    0CL6      RMPURGE CALLER'S KEY (BUILD/MOFIFY)              SM2257 00003600
000034                            8548 TFCBTHRD DS    X                 - THREAD NUMBER                        SM2257 00003700
000035                            8549 TFCBMMN# DS    BL3               - MMN NUMBER                           SM2257 00003800
000038                            8550 TFCBUSS  DS    XL2               - SUBSYSTEM CODES                      SM2257 00003900
00003A                            8551 TFCBFLG1 DS    X         TFCB FLAG BYTE 1                                 SM2257 00004000
                         00080    8552 TFCBCLSD EQU   X'80'       TABLE CLOSED (WITH KEEP) BY BUILDER            SM2257 00004100
                         00040    8553 TFCBBLD  EQU   X'40'       TABLE IN BUILD STATUS                          SM2257 00004200
                         00020    8554 TFCBOPEN EQU   X'20'       TABLE HAS BEEN OPENED FOR ACCESS               SM2257 00004300
                         00010    8555 TFCBMOD  EQU   X'10'       TABLE OPENED FOR MODIFY (ADD/UPDATE)           SM2257 00004400
                         00008    8556 TFCBSORT EQU   X'08'       TABLE HAS BEEN SORTED                          SM2257 00004500
                         00004    8557 TFCBDUP  EQU   X'04'       SORTED TABLE HAS DUPLICATES                    SM2257 00004600
                         00002    8558 TFCBRSRT EQU   X'02'       SORTED TABLE NEEDS RESORTING                   SM2257 00004700
                         00001    8559 TFCBKEYD EQU   X'01'       TABLE ENTRIES HAVE KEYS                        SM2257 00004800
00003B                            8560 TFCBFLG2 DS    X         TFCB FLAG BYTE 2                                 SM2257 00004900
                         00080    8561 TFCBDMID EQU   X'80'       MIDDLE ENTRY DELETED (OMIT ON RESORT)          SM2257 00005000
                         00040    8562 TFCBPAGE EQU   X'40'       THIS TFCB FOR A PAGE FACILITY TID              SM2257 00005100
                         00020    8563 TFCBPFCB EQU   X'20'       PAGE FACILITY CONTROL TABLE TFCB               SM2257 00005200
                         00010    8564 TFCBENQ  EQU   X'10'       INTENQ ISSUED - THIS TABLE NAME                SM2257 00005300
                         00008    8565 TFCBFREE EQU   X'08'       USED TFCB DELETED, ON FREE CHAIN               SM2257 00005400
                         00004    8566 TFCB444  EQU   X'04'        UNUSED (RESERVED)                             SM2257 00005500
                         00002    8567 TFCB222  EQU   X'02'       DWS ONLY - SKIP DUPS ON RETRIEVAL              SM2257 00005600
                         00001    8568 TFCB111  EQU   X'01'       DWS ONLY - GET FOR UPDATE REQUESTED            SM2257 00005700
                                  8569 *                            SET OFF ON NEXT CALL                       SM2257 00005800
00003C                            8570 TFCBXXX  DS    F          UNUSED (RESERVED)                             SM2257 00005900
                         00028    8571 TFCBCOPY EQU   *-TFCBDATA  LENGTH OF TFCB AREA TO COPY TO DWS           SM2257 00006000
                         00040    8572 TFCBLEN  EQU   *-TFCBNAME  LENGTH OF A TFCB AREA                        SM2257 00006100
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                  ASM H V 02 15.46 09/01/98

000000                           8574 INTTFCBU DSECT                                                    SM2257 00006300
                                 8575 *                USER TABLE FACILITY TFCB AREA LAYOUT             SM2257 00006400
000000                           8576 TFUBNAME DS      CL16     TABLE NAME                              SM2257 00006500
000010                           8577 TFUBTAG  DS      CL4     *USER'S DWS TFCB - SET TO C'TFCB'        SM2257 00006600
000014                           8578 TFUBREC  DS      F       *USER'S DWS TFCB - DWS DATA AREA ADDR    SM2257 00006700
000018                           8579 TFUBDATA DS      F        ADDRESS ALLOCATED TABLE DATA AREA       SM2257 00006800
00001C                           8580 TFUBDTSZ DS      F        SIZE OF ALLOCATED TABLE DATA AREA       SM2257 00006900
000020                           8581 TFUBENUM DS      F        NUMBER USED ENTRIES IN DATA AREA        SM2257 00007000
000024                           8582 TFUBELEN DS      H        LENGTH OF EACH TABLE ENTRY (1-4096)     SM2257 00007100
000026                           8583 TFUBKLEN DS      X        LENGTH OF ENTRY KEY (IF ANY) (1-256)    SM2257 00007200
000027                           8584 TFUBKOFF DS      X        OFFSET TO KEY IN EACH ENTRY (0-255)     SM2257 00007300
000028                           8585 TFUBREAD DS      F       *USER'S DWS TFCB-OFFSET-> LAST READ ENTRY SM2257 00007400
00002C                           8586 TFUBENDE DS      F        OFFSET TO LAST VALID TABLE ENTRY        SM2257 00007500
000030                           8587 TFUBTFCB DS      F       *USER'S DWS TFCB - OFFSET TO TFCB AREA   SM2257 00007600
000034                           8588 TFUBUKEY DS      OCL6     RMPURGE CALLER'S KEY (BUILD/MOFIFY)     SM2257 00007700
000034                           8589 TFUBTHRD DS      X                - THREAD NUMBER                 SM2257 00007800
000035                           8590 TFUBMMN# DS      BL3              - MMN NUMBER                    SM2257 00007900
000038                           8591 TFUBUSS  DS      XL2              - SUBSYSTEM CODES               SM2257 00008000
00003A                           8592 TFUBFLG1 DS      X        TFCB FLAG BYTE 1                        SM2257 00008100
                          00080  8593 TFUBCLSD EQU     X'80'       TABLE CLOSED (WITH KEEP) BY BUILDER  SM2257 00008200
                          00040  8594 TFUBBLD  EQU     X'40'       TABLE IN BUILD STATUS                SM2257 00008300
                          00020  8595 TFUBOPEN EQU     X'20'       TABLE HAS BEEN OPENED FOR ACCESS     SM2257 00008400
                          00010  8596 TFUBMOD  EQU     X'10'       TABLE OPENED FOR MODIFY (ADD/UPDATE) SM2257 00008500
                          00008  8597 TFUBSORT EQU     X'08'       TABLE HAS BEEN SORTED                SM2257 00008600
                          00004  8598 TFUBDUP  EQU     X'04'       SORTED TABLE HAS DUPLICATES          SM2257 00008700
                          00002  8599 TFUBRSRT EQU     X'02'       SORTED TABLE NEEDS RESORTING         SM2257 00008800
                          00001  8600 TFUBKEYD EQU     X'01'       TABLE ENTRIES HAVE KEYS              SM2257 00008900
00003B                           8601 TFUBFLG2 DS      X        TFCB FLAG BYTE 2                        SM2257 00009000
                          00080  8602 TFUBDMID EQU     X'80'       MIDDLE ENTRY DELETED (OMIT ON RESORT) SM2257 00009100
                          00040  8603 TFUBPAGE EQU     X'40'       THIS TFCB FOR A PAGE FACILITY TID    SM2257 00009200
                          00020  8604 TFUBPFCB EQU     X'20'       PAGE FACILITY CONTROL TABLE TFCB     SM2257 00009300
                          00010  8605 TFUBENQ  EQU     X'10'       INTENQ ISSUED - THIS TABLE NAME      SM2257 00009400
                          00008  8606 TFUBFREE EQU     X'08'       USED TFCB DELETED, ON FREE CHAIN     SM2257 00009500
                          00004  8607 TFUB444  EQU     X'04'        UNUSED (RESERVED)                   SM2257 00009600
                          00002  8608 TFUBSKIP EQU     X'02'      *DWS ONLY - SKIP DUPS ON RETRIEVAL    SM2257 00009700
                          00001  8609 TFUBUPD  EQU     X'01'      *DWS ONLY - GET FOR UPDATE REQUESTED  SM2257 00009800
                                 8610 *                             SET OFF ON NEXT CALL              SM2257 00009900
00003C                           8611 TFUBXXX  DS      F         UNUSED (RESERVED)                     SM2257 00010000
                          00040  8612 TFUBLEN  EQU     *-TFUBNAME  LENGTH OF USER TFCB AREA (64 BYTES)  SM2257 00010100
```

```
LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                ASM H V 02 15.46 09/01/98
                                 8614          END                                    00018005
```

SYMBOL	LEN	VALUE	DEFN	REFERENCES
ABEYOFSI	00004	000104	7588	
ACCAVER	00004	000018	1471	
ACCBUCK	00004	000000	1439	
ACCDUM	00002	000006	1441	
ACCEND	00001	00000014	1446	1447 1448
ACCENTL	00001	00000014	1447	
ACCHWD	00001	00000006	1448	
ACCMAX	00002	000008	1442	1448
ACCMIN	00002	000004	1440	
ACCNOW	00002	00000A	1443	
ACCREQ	00004	00000C	1444	
ACCSUM	00004	000010	1445	
ACCTAB	00001	00000000	1438	1447
ACCTABLE	00004	00001C	1472	
ACCTBEND	00004	000014	1470	
ACOL72	00004	000104	7589	
AFIT	00004	000108	7590	
AFLDATTR	00004	00010C	7591	
AFSI	00004	000110	7592	
AFSIPMIO	00004	000110	7593	
AIDDTA	00001	00000000	3415	
AIDDTFLG	00001	000006	3421	
AIDDTLEN	00002	000000	3417	
AIDDTNUM	00001	000002	3418	
AIDDTREP	00001	00000080	3427	
AIDDTTXL	00002	000004	3420	
AIDDTTXO	00001	000003	3419	
AIDGRCOD	00001	000004	3407	3409
AIDGRDTN	00001	000005	3408	
AIDGRENL	00001	00000002	3409	
AIDGRFLG	00001	000003	3395	
AIDGRHDL	00001	00000004	3396	
AIDGRNUM	00001	000002	3394	
AIDGRNXT	00002	000000	3393	3396
AIDGROUP	00001	00000000	3387	
AIDREPL	00001	00000010	3305	
ALASTFLD	00004	000114	7594	
ALC	00001	00000080	7840	
ALLNUDEF	00001	00002D	7508	
ALPHASAV	00004	000094	1560	1561 1564 1565 1566 1569
ALTDEVT	00001	000007	7964	
ALTDEVTP	00001	000004	7958	
ALTNOMB	00002	000002	7957	
ALTREPN	00002	000005	7963	7965
ALTREPNO	00002	000000	7956	
ALTREPRT	00001	00000000	7955	7959
ALTSZHDR	00001	00000005	7959	
ALTSZREP	00001	00000003	7965	
ALUBOK	00001	00000002	8460	
ANATCOD	00008	000003	7763	
ANATCODL	00002	000000	7761	
ANATCODT	00001	000002	7762	
ANENREV	00001	00000E	7766	
ANENREVL	00002	00000B	7764	
ANENREVT	00001	00000D	7765	

SYMBOL	LEN	VALUE	DEFN	REFERENCES
APNDSGN	00001	000000C2	1977	
ARATCOD	00008	000003	7773	
ARATCODL	00002	000000	7771	
ARATCODT	00001	000002	7772	
ARDLCOD	00001	00000E	7776	
ARDLCODL	00002	00000B	7774	
ARDLCODT	00001	00000D	7775	
AREA2770	00004	000000C8	3321	3322
ASMBLIST	00004	000090	3331	
ASTEPEND	00004	000008	1466	
ASYADDR1	00004	00000C	2083	
ASYDELET	00001	00000080	2084	
ASYDSECT	00001	00000000	2079	
ASYECB1	00004	000004	2081	
ASYECB2	00004	000008	2082	
ASYECB3	00004	000014	2088	
ASYNAME	00001	00000040	2085	
ASYNBLDL	00001	00000020	2086	
ASYNECB	00004	000000	2080	
ASYNTCB	00004	000010	2087	
ATDELCOD	00001	00002C	7512	
ATRTTAB	00004	000118	7595	
ATTRBDEF	00001	0000006D	7496	
ATTRBIN	00002	00002D	7513	
ATTRBYTE	00001	00002A	7495	
ATTRDEL	00002	00002F	7515	
ATTRIBN	00001	00000000	7760	
ATTRIBR	00001	00000000	7770	
BADLOAD	00001	00000008	1970	
BCWDSECT	00001	00000000	8257	8264
BCWEND	00001	00000008	8262	
BCWLAST	00002	000000	8258	
BCWLEN	00001	00000008	8264	
BCWREADS	00001	000003	8260	
BCWRECS	00001	000002	8259	
BDAMR14	00004	000000BC	1563	
BDAMSAVE	00004	000000AC	1562	1563
BITBYTES	00001	000000	0902	
BITMAXD	00001	000001	0903	
BITS	00001	000002	0904	
BITSECT	00001	00000000	0901	
BLKRBN	00004	000000	6793	
BLKRCT	00002	000004	6794	
BLKSIZE	00002	000168	1280	
BLNF	00001	000000F7	8033	
BLOKCHN	00002	000004	1379	
BLOKCNT	00002	000000	1386	
BLOKCON	00001	00000000	1377	1381 1385
BLOKENTL	00001	00000008	1381	
BLOKLEN	00002	000006	1380	
BLOKPTR	00004	000000	1378	
BLOKRCB	00002	000002	1387	
BMSG	00001	00000000	1229	1241
BMSGCODE	00001	000001	1235	
BMSGENTL	00001	000000	1234	

ASM H V 02 15.46 09/01/98

SYMBOL	LEN	VALUE	DEFN	REFERENCES
BMSGFLAG	00001	000003	1237	
BMSGLEN	00001	000002	1236	
BMSGMSG	00001	000004	1239	
BMSGNOPM	00001	000000	1242	
BMSGPEL	00001	00000002	1246	
BMSGPLEN	00001	000002	1245	
BMSGPOFF	00001	000001	1244	1246
BOFREQ	00001	00000002	1555	
BRDDET	00006	000007	7008	
BRDDETT	00005	000007	7009	
BRDDVASN	00001	00000C	7010	
BRDNOTRM	00002	000005	7007	
BRDTERM	00005	000000	7006	
BRODSECT	00001	00000000	7005	
BSCIGNOR	00001	00000020	3304	
BSCSEG	00001	00000040	3303	
BTADDSPA	00004	000064	2410	
BTALT	00004	000034	2398	
BTAMDATE	00006	00004E	2405	
BTAMQ	00001	00000040	1293	
BTAMSEQ	00004	000070	2421	
BTAMTIME	00008	000054	2406	
BTBTQSC	00004	000078	2423	
BTCDECB	00004	000030	2397	
BTCLDOP	00001	00000040	2415	
BTCLDW	00001	00000008	2412	
BTCNTL	00005	000069	2419	
BTDCBS	00004	00000C	2386	
BTDECB	00004	000008	2385	
BTDEDQS	00001	00000002	2418	
BTDEVTBL	00004	000040	2401	
BTDWNVRB	00004	000080	2425	
BTEND	00001	00000084	2426	
BTERMCNT	00002	0000006E	3326	
BTFULO	00004	000010	2388	
BTFUL1	00004	000014	2389	2390
BTHAFO	00002	000010	2387	
BTHAF1	00004	00000016	2390	
BTIMCLD	00001	00000010	2413	
BTINTQA	00004	000048	2403	
BTINTQB	00004	00005C	2407	
BTIQACNT	00002	00004C	2404	
BTIQBCNT	00002	000060	2408	
BTLIVE	00001	00000004	2417	
BTMAXINL	00002	00006E	2420	
BTMOD	00001	000068	2411	
BTMSGCOL	00004	00003C	2400	
BTNCWAIT	00002	000062	2409	
BTOTFMSC	00004	000074	2422	
BTQECB	00004	000044	2402	
BTQUETAB	00004	000028	2395	
BTSCTQOT	00004	000024	2394	
BTSPALST	00001	00000000	2383	
BTSPPL	00001	00000080	2416	
BTSTORE	00004	000038	2399	

SYMBOL	LEN	VALUE	DEFN	REFERENCES
BTTILCL	00004	000018	2391	
BTTIMS	00004	000020	2393	
BTTIPAPR	00004	00001C	2392	
BTUPVRB	00004	00007C	2424	
BTVRBTAD	00004	00002C	2396	
BT24HR	00001	00000020	2414	
BUFLEN	00004	00000054	1530	
BY	00004	00000C	1467	
BYTE	00001	000128	7605	
B37	00001	00000008	1552	
B37RETRY	00001	00000004	1553	
CA	00002	000012	1469	
CALLAREA	00004	000048	7575	
CALLST	00004	000058	1259	1260 1261
CANCFLG	00001	00000080	1312	
CCWBLOKS	00002	000000	8271	
CCWCHAIN	00001	00000080	8270	
CCWCONST	00004	000004	8273	
CCWDSECT	00001	00000000	8268	8276
CCWEND	00001	00000008	8274	
CCWFLAGS	00001	000000	8269	
CCWLEN	00001	00000008	8276	
CCWLSTLN	00002	000002	8272	
CHANSW	00001	00000080	1292	
CHGERRN	00001	00000000	7714	
CHGERRR	00001	00000000	7727	
CHKBLK	00001	00000000	6792	
CHKBLSZ	00001	00000008	6796	
CHKCANC	00002	00000C	6852	
CHKCIOE	00002	000012	6855	
CHKCISC	00002	000010	6854	
CHKCNQS	00002	000014	6856	
CHKFNAM	00008	000000	6839	
CHKFTB	00001	00000000	6838	6842
CHKFTSW	00001	00000C	6841	
CHKFTSZ	00001	0000000D	6842	
CHKGENSW	00001	000016	6857	
CHKINVMG	00002	00000E	6853	
CHKLNUM	00004	000008	6840	
CHKMSNM	00004	000004	6850	
CHKREEL#	00004	000008	6851	
CHKSCCAN	00002	000002	6867	
CHKSCMP	00004	000004	6868	
CHKSCT	00001	00000000	6865	6869
CHKSCTSZ	00001	00000008	6869	
CHKSPA	00001	00000000	6848	6860
CHKSPASZ	00001	00000019	6860	
CHKSUBC	00002	000000	6866	
CHKTNMP	00004	000000	6849	
CHKUSER	00001	000019	6859	
CHKUSERL	00002	000017	6858	
CHNCHAIN	00004	000064	1492	
CHNECB	00004	000068	1493	
CHNOFT	00001	00000008	1296	
CHPALTRN	00005	000008	6831	

ASM H V 02 15.46 09/01/98

SYMBOL	LEN	VALUE	DEFN	REFERENCES
CHPCMP	00002	000000	6828	
CHPDIR	00001	00000000	6803	
CHPSTSZ	00001	0000000D	6832	
CHPSTTB	00001	00000000	6827	6832
CHPTRID	00005	000003	6830	
CHPUSCD	00001	000002	6829	
CLIST	00004	000048	1949	
CNCHNGS	01040	000003	7717	
CNCHNGSL	00002	000000	7715	
CNCHNGST	00001	000002	7716	
CNCSW	00001	00000020	1969	
CNENREV	00001	00041A	7723	
CNENREVL	00002	000417	7721	
CNENREVT	00001	000419	7722	
CNNOFIX	00001	000416	7720	
CNNOFIXL	00002	000413	7718	
CNNOFIXT	00001	000415	7719	
COBCOB	00004	000048	2128	
COBCOBRT	00004	000000	2127	
COBDSECT	00001	00000000	2126	
COBDWS	00004	0000A8	2136	
COBDWSL	00004	0000AC	2137	
COBDWSON	00001	00000040	2139	
COBDWSSW	00001	0000B0	2138	
COBFLWR3	00003	0000B1	2143	
COBLD16M	00001	00000008	2140	
COBLIST	00004	0000CC	2150	
COBLPARM	00004	000098	2132	
COBNEWSL	00004	0000B8	2145	
COBNEWST	00004	0000B4	2144	
COBPARM	00040	0000D8	2151	
COBPMPTR	00004	0000A0	2134	
COBPRM1	00001	00000004	2141	
COBSAVR1	00004	0000C0	2147	
COBSAVR3	00004	0000C4	2148	
COBSTCNT	00004	0000A4	2135	
COBSUBMS	00004	0000C8	2149	
COBTGT	00004	000090	2130	
COBTGTL	00004	000094	2131	
COBTHD	00004	0000BC	2146	
COBTPGTL	00004	00009C	2133	
COBVSII	00001	00000001	2142	
COBWRK	00072	000090	2129	
COMPCHAR	00001	00006C	3300	
CONGMSG	00004	000070	3309	3327 3364
CORACCT	00001	00000000	1463	1473
COREADDR	00004	000074	3311	
CORELNTH	00004	000078	3312	
CORLEN	00001	0000001C	1473	
CRCHNGS	01040	000003	7730	
CRCHNGSL	00002	000000	7728	
CRCHNGST	00001	000002	7729	
CRNOFIX	00001	000416	7733	
CRNOFIXL	00002	000413	7731	
CRNOFIXT	00001	000415	7732	

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

```
CSB       00001 00000000 3826  3860
CSBAIDGR  00001    000008 3846
CSBCICS   00001 00000051 3835
CSBCONSL  00001 00000021 3834
CSBCTCH   00001    000018 3862
CSBCTCHL  00001    000009 3847
CSBCTYP   00001    000003 3828
CSBCVB    00002    00000E 3854
CSBEND    00004    000018 3859
CSBICOM   00001 00000052 3836
CSBID     00003    000000 3827
CSBILOCK  00004    000010 3856
CSBIPPB   00001    00000A 3849
CSBIPPE   00001    00000B 3850
CSBIRID   00001    000006 3843
CSBLEN    00001 00000018 3860
CSBLF1    00001    000004 3839
CSBLF2    00001    000005 3841
CSBOPPB   00001    00000C 3851
CSBOPPE   00001    00000D 3852
CSB3270N  00001 00000011 3832
CSB3270S  00001 00000012 3833
CSB3600   00001 00000004 3831
CSB3790B  00001 00000002 3830
CSB3790I  00001 00000001 3829
CVB       00001 00000000 3867  3872
CVBCDDWN  00004    00000C 3871
CVBCDIN   00004    000000 3868
CVBCDOUT  00004    000004 3869
CVBCDUP   00004    000008 3870
CVBLEN    00001 00000010 3872
C277IN    00001 00000001 3307
DBLE      00008    000050 3282  3283
DCBACBM   00001 00000008 2513
DCBBFA    00001 00000003 2544
DCBBFAD   00001 00000002 2545
DCBBFAF1  00001 00000001 2546
DCBBFAF2  00001 00000003 2548
DCBBFT    00001 00000070 2523
DCBBFTA   00001 00000060 2524
DCBBFTE   00001 00000010 2535
DCBBFTEK  00001    000020 2521
DCBBFTK   00001 00000008 2537
DCBBFTKD  00001 00000008 2536
DCBBFTKR  00001 00000020 2533
DCBBFTR   00001 00000020 2528
DCBBFTS   00001 00000040 2532
DCBBIT0   00001 00000080 2483  2502 2510 2522 2603 2606 2626 2630 2645 2682 2738 2804
DCBBIT1   00001 00000040 2484  2503 2511 2523 2524 2532 2538 2608 2626 2628 2630 2648 2649 2650 2685 2686 2738 2795 2807
DCBBIT2   00001 00000020 2485  2504 2512 2523 2524 2528 2533 2538 2610 2631 2632 2653 2654 2655 2689 2690 2739 2797 2810
DCBBIT3   00001 00000010 2486  2505 2523 2535 2558 2613 2631 2634 2657 2658 2659 2693 2694 2739 2812
DCBBIT4   00001 00000008 2487  2513 2536 2537 2538 2559 2614 2636 2641 2642 2662 2663 2697 2698 2700 2701 2740 2772 2800
                               2814 2816
DCBBIT5   00001 00000004 2488  2514 2543 2561 2590 2616 2636 2638 2639 2642 2666 2668 2669 2670 2704 2705 2706 2707 2740
                               2782 2814 2818
```

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

```
DCBBIT6  00001 00000002 2489  2506 2544 2545 2548 2562 2591 2617 2673 2674 2675 2676 2710 2711 2712 2713 2741 2784
DCBBIT7  00001 00000001 2490  2507 2544 2546 2548 2563 2592 2621 2678 2679 2716 2717 2719 2720 2785
DCBBSAKO 00002   000040 2831
DCBBSAK1 00002   000042 2832
DCBBSDLE 00001   000047 2836
DCBBSENQ 00001   000044 2833
DCBBSEOT 00001   000048 2837
DCBBSETB 00001   000046 2835
DCBBSETX 00001   00003F 2830
DCBBSNAK 00001   000045 2834
DCBBSONL 00002   00004C 2839
DCBBSRSV 00001   00003A 2820
DCBBSRVI 00002   000050 2841
DCBBSSAK 00002   00004E 2840
DCBBSSTX 00001   00003D 2828
DCBBSSYN 00003   000049 2838
DCBBSTEX 00001   00003E 2829
DCBBSTSX 00001   00003C 2827
DCBBSWBT 00001   00003B 2821
DCBBUFCA 00003   000015 2498
DCBBUFCB 00004   000014 2496
DCBBUFCT 00001   000022 2565
DCBBUFL  00002   000018 2499
DCBBUFND 00001   000014 2497
DCBBUFRQ 00001   000014 2574
DCBBXLRI 00001 00000068 2538
DCBCLPS  00004   000014 2572
DCBCLPSA 00003   000015 2576
DCBCPE   00001 00000002 2591
DCBCPOLA 00003   000039 2773
DCBCPOLL 00004   000038 2770
DCBCPR   00001 00000004 2590
DCBCPRI  00001   000020 2589
DCBCPS   00001 00000001 2592
DCBCPWTT 00001 00000008 2772
DCBDDNAM 00008   000028 2600
DCBDEBA  00003   00002D 2743
DCBDEBAD 00004   00002C 2736
DCBDEV   00004   00000C 2466
DCBDEVTP 00001   00001C 2584
DCBDSGCX 00001 00000010 2505
DCBDSGDA 00001 00000020 2504
DCBDSGGS 00001 00000080 2510
DCBDSGIS 00001 00000080 2502
DCBDSGPO 00001 00000002 2506
DCBDSGPS 00001 00000040 2503
DCBDSGTQ 00001 00000020 2512
DCBDSGTR 00001 00000004 2514
DCBDSGTX 00001 00000040 2511
DCBDSGU  00001 00000001 2507
DCBDSORG 00002   00001A 2500
DCBDSRG1 00001   00001A 2501
DCBDSRG2 00001   00001B 2509
DCBEIOBX 00001   000024 2594
DCBERPC  00001 00000008 2559
```

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

```
DCBERPN  00001 00000001 2563
DCBERPR  00001 00000002 2562
DCBERPT  00001 00000010 2558
DCBERPW  00001 00000004 2561
DCBERROP 00001   000021 2557
DCBEX    00001 00000040 2628
DCBEXLSA 00003   000025 2555
DCBEXLST 00004   000024 2553
DCBGET   00004   000030 2751
DCBGETA  00003   000031 2754
DCBHIARC 00001   000020 2520
DCBHO    00001 00000004 2543
DCBH1    00001 00000080 2522
DCBIBEC  00001 000000C0 2626
DCBIBIOE 00001 0000000C 2636
DCBIBPCT 00001 00000030 2631
DCBIFC12 00001 00000010 2634
DCBIFC9  00001 00000020 2632
DCBIFEC  00001 000000C0 2738
DCBIFER  00001 00000000 2637
DCBIFIOE 00001 0000000C 2740
DCBIFLDT 00001 00000002 2741
DCBIFLG  00001   000031 2623
DCBIFLGS 00001   00002C 2737
DCBIFNEP 00001 00000000 2627
DCBIFNE1 00001 00000004 2638
DCBIFNE2 00001 00000008 2641
DCBIFNE3 00001 0000000C 2642
DCBIFPCT 00001 00000030 2739
DCBIFPEC 00001 000000C0 2630
DCBIFTIM 00001 00000004 2639
DCBINTVL 00001   000018 2577
DCBIOBAA 00003   00001D 2519
DCBIOBAD 00004   00001C 2515
DCBIRRAD 00004   00003C 2822
DCBKSTAT 00004   000034 2760
DCBKSTA1 00001   000034 2761
DCBKSTA2 00001   000035 2763
DCBKSTA3 00001   000036 2764
DCBKSTA4 00001   000037 2766
DCBLCBA  00003   000021 2593
DCBLCBAD 00004   000020 2587
DCBLERB  00004   000034 2780
DCBLNGBX 00001 00000064 2843
DCBLNGCX 00001 0000003C 2775
DCBLNGQX 00001 0000003C 2774
DCBLNGXE 00001 00000034 2724
DCBMACF1 00001   00002A 2734
DCBMACF2 00001   00002B 2735
DCBMACR  00002   000032 2643
DCBMACRF 00002   00002A 2733
DCBMACR1 00001   000032 2644
DCBMACR2 00001   000033 2681
DCBMRABC 00001 00000004 2666
DCBMRAPG 00001 00000020 2653
```

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

DCBMRAWR 00001 00000002 2713
DCBMRCHK 00001 00000002 2675
DCBMRCI 00001 00000010 2657
DCBMRCK 00001 00000001 2679
DCBMRCRL 00001 00000002 2674
DCBMRCTL 00001 00000002 2711
DCBMRDBF 00001 00000004 2670
DCBMRDMD 00001 00000001 2719
DCBMRDMG 00001 00000001 2678
DCBMRECP 00001 00000080 2645
DCBMRFE 00001 00000040 2648
DCBMRGET 00001 00000040 2649
DCBMRGTQ 00001 00000040 2686
DCBMRIDW 00001 00000008 2701
DCBMRLCG 00001 00000008 2662
DCBMRLCP 00001 00000008 2700
DCBMRLDM 00001 00000008 2698
DCBMRMVG 00001 00000010 2658
DCBMRMVP 00001 00000010 2693
DCBMRPTQ 00001 00000040 2650
DCBMRPT1 00001 00000004 2668
DCBMRPT2 00001 00000004 2705
DCBMRPUT 00001 00000040 2685
DCBMRRD 00001 00000020 2654
DCBMRRDI 00001 00000008 2663
DCBMRRDK 00001 00000010 2659
DCBMRRDQ 00001 00000020 2690
DCBMRRDX 00001 00000002 2676
DCBMRSBG 00001 00000004 2669
DCBMRSTI 00001 00000001 2720
DCBMRSTK 00001 00000002 2712
DCBMRSTL 00001 00000080 2682
DCBMRSWA 00001 00000001 2717
DCBMRTMD 00001 00000004 2706
DCBMRUIP 00001 00000004 2707
DCBMRWRK 00001 00000010 2694
DCBMRWRQ 00001 00000020 2655
DCBMRWRT 00001 00000020 2689
DCBMR1WD 00001 00000001 2716
DCBMR3WD 00001 00000002 2710
DCBMR4WD 00001 00000004 2704
DCBMR5WD 00001 00000008 2697
DCBOFEOV 00001 00000020 2610
DCBOFIOD 00001 00000080 2606
DCBOFIOF 00001 00000001 2621
DCBOFLG 00001 000030 2747
DCBOFLGS 00001 000030 2602
DCBOFLG1 00001 000030 2753
DCBOFLRB 00001 00000040 2608
DCBOFLWR 00001 00000080 2603
DCBOFOPN 00001 00000010 2613
DCBOFPPC 00001 00000008 2614
DCBOFTM 00001 00000004 2616
DCBOFUEX 00001 00000002 2617
DCBPGFXA 00001 00000002 2673

SYMBOL	LEN	VALUE	DEFN	REFERENCES
DCBPLBYT	00001	000038	2771	
DCBPUT	00004	000030	2752	
DCBPUTA	00003	000031	2755	
DCBRDYI	00001	000034	2781	
DCBRDYIQ	00001	00000002	2784	
DCBRDYIZ	00001	00000001	2785	
DCBRDYPO	00001	00000004	2782	
DCBRDYQ	00004	000034	2787	
DCBREAD	00004	000030	2745	
DCBREADA	00003	000031	2748	
DCBTIOT	00002	000028	2730	
DCBWRITA	00003	000031	2749	
DCBWRITE	00004	000030	2746	
DCBXCAS1	00001	00000010	2812	
DCBXCAS2	00001	00000004	2818	
DCBXCCSF	00001	00000080	2804	
DCBXCEBC	00001	0000000C	2814	
DCBXCODE	00001	000039	2802	
DCBXCPTP	00001	00000040	2807	
DCBXCTR1	00001	00000020	2810	
DCBXCTR2	00001	00000008	2816	
DCBXMDA1	00001	00000020	2797	
DCBXMDA2	00001	00000008	2800	
DCBXMIBC	00001	00000040	2795	
DCBXMODE	00001	000038	2793	
DDMWK	00001	0000000C	7413	7417
DDQVMI	00001	000000EE	1203	
DDQXLEN	00001	00000072	8478	
DDSAACAT	00001	000000F6	1910	
DDSAACOC	00001	000000F8	1900	
DDSAACO4	00001	000000F6	1898	
DDSAACO8	00001	000000F7	1899	
DDSAAC10	00001	000000F9	1901	
DDSAALOC	00001	000000C1	1867	
DDSAALOC	00001	000000C2	1916	
DDSAALO4	00001	000000F9	1914	
DDSAALO8	00001	000000C1	1915	
DDSAAL10	00001	000000C3	1917	
DDSABCAT	00001	000000F3	1889	
DDSABDVS	00001	000000C5	1895	
DDSABLKS	00002	00003E	1858	
DDSACAT	00001	000000C3	1868	
DDSACINV	00004	00004C	1936	
DDSACLOS	00001	000000C2	1874	
DDSADCAT	00001	000000C3	1922	
DDSADCB	00001	000000F4	1907	
DDSADDNM	00008	00002C	1854	
DDSADSCB	00001	000000F4	1891	
DDSADSN	00044	000000	1853	
DDSADUPL	00001	000000F7	1911	
DDSAFULL	00001	000000F5	1909	
DDSAIOER	00001	000000F8	1912	
DDSALEN	00001	00000058	1939	
DDSALOC	00001	000000D3	1865	
DDSALREC	00002	00003C	1857	

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

```
DDSAMOD  00001 000000D4 1924
DDSAMODC 00001 000000D4 1872
DDSANCAT 00001 000000F2 1887
DDSANCOR 00001 000000C6 1896
DDSANODD 00001 000000F1 1881
DDSANRLS 00001 000000D5 1933
DDSANSPA 00001 000000F3 1906
DDSANTPS 00001 000000F5 1893
DDSAOBTN 00001 000000D6 1866
DDSAOK   00001 000000F0 1880
DDSAOPEN 00001 000000D7 1873
DDSAPRIM 00002   000042 1861
DDSARECF 00002   00003A 1856
DDSARETC 00001   000046 1863
DDSARJFC 00001 000000D9 1869
DDSARSIZ 00002   000040 1860
DDSASEC  00002   000044 1862
DDSASECT 00001 00000000 1848  1939
DDSASHOW 00001 000000E2 1870
DDSASHR  00001 000000E2 1928
DDSASID  00001   000047 1864
DDSASPAC 00006   000040 1859
DDSASTAT 00004   000048 1875
DDSATEST 00001 000000E3 1871
DDSAVOLS 00006   000034 1855
DECADRPT 00004   000020 2934
DECAREA  00004   00000C 2910
DECCMCOD 00001   000014 2918
DECCOUNT 00002   000012 2916
DECCSWST 00002   00001E 2932
DECDCBAD 00004   000008 2908
DECENTRY 00004   000014 2919
DECERRST 00001   00001D 2930
DECFLAGS 00001   000018 2922
DECLNGTH 00002   000006 2905
DECONLTT 00001   000008 2907
DECPOLPT 00004   000024 2936
DECRESPN 00002   00001A 2926
DECRLN   00001   000019 2924
DECSDECB 00004   000000 2901
DECSENSO 00001   000010 2912
DECSENS1 00001   000011 2914
DECTPCOD 00001   00001C 2928
DECTYPE  00002   000004 2903
DECWAREA 00004   00002C 2942
DECWLNG  00002   00002A 2940
DESATRLN 00001   000008 7329
DESATROF 00002   000004 7326
DESATRPR 00001 00000004 7332
DESCMDLN 00001   000006 7327
DESCMDPR 00001 00000001 7334
DESCOMOF 00002   000000 7324
DESCTLLN 00001   000007 7328
DESCTLOF 00002   000002 7325
DESCTLPR 00001 00000002 7333
```

ASM H V 02 15.46 09/01/98

SYMBOL	LEN	VALUE	DEFN	REFERENCES
DESDEFST	00001	00000A	7335	
DESDFPRS	00001	000009	7330	
DESDLMPR	00001	00000008	7331	
DEVAID	00001	00003F	3268	
DEVALTBF	00002	00003A	3234	
DEVBKSP	00001	00000004	3221	
DEVBUFR	00001	00000010	3219	
DEVBUFSZ	00002	000003	7001	
DEVBURR	00001	00000001	3224	
DEVBO	00001	00000080	3216	
DEVCOL	00001	00003F	3266	
DEVCOPYR	00001	00000020	3256	
DEVCPS	00002	00000C	3227	
DEVCPYIP	00001	00000008	3258	
DEVCRBIT	00001	00000040	6993	
DEVCRLF	00001	00000020	3218	
DEVCRT	00001	00000020	6994	
DEVDDSW1	00001	00003A	3235	
DEVDDSW2	00001	00003B	3241	
DEVDDSW3	00001	00003C	3247	
DEVDESC	00001	00000000	7322	
DEVDSECT	00001	00000000	6986	7002
DEVDS40	00001	00000033	3205	
DEVD100	00001	00000021	3195	
DEVENCLN	00002	000010	3230	
DEVEND	00001	000002	6991	
DEVEXTRA	00001	000004	3178	
DEVHDR	00001	000012	3231	
DEVHDRLN	00002	000000	3173	
DEVIDLES	00001	00000008	3220	
DEVINDRP	00001	000009	3214	
DEVLGBUF	00001	00000002	3261	
DEVLNGTH	00001	000001	6990	
DEVMMUDV	00001	0000000F	6988	
DEVMODFY	00001	00000000	6965	6976
DEVMXERR	00001	00000B	3226	
DEVNLBIT	00001	00000080	6992	
DEVNOCHR	00001	00000010	6995	
DEVNOEND	00001	00000004	3260	
DEVNOEOB	00001	00000004	6998	
DEVNOEOT	00001	00000002	6999	
DEVNOFRT	00001	00000008	6996	
DEVNOQOT	00001	00000001	3262	
DEVOPIND	00001	000008	3211	
DEVQEMPT	00001	00000040	3217	
DEVRDOP	00001	00000E	3228	
DEVRDOP2	00001	00000F	3229	
DEVSGMT	00001	00000002	3222	
DEVSIZE	00001	00000005	7002	
DEVSMTTY	00001	00000031	3203	
DEVSTTY	00001	00000001	3223	3224 3225
DEVSWCPU	00001	00000023	3197	
DEVSWTCH	00001	00000A	3215	
DEVSW2	00001	00003D	3252	
DEVSYNIQ	00001	00000010	3257	

ASM H V 02 15.46 09/01/98

SYMBOL	LEN	VALUE	DEFN	REFERENCES
DEVTABLD	00001	00000000	3172	3232 3270
DEVTABLN	00001	00000040	3270	
DEVTPULN	00002	000002	3174	
DEVTTY	00001	00000012	3185	
DEVTTYDL	00001	00000013	3186	
DEVTTYP	00001	00000030	3202	
DEVTYP	00001	000005	3179	
DEVTYPE	00001	000000	6987	
DEVUPINT	00001	00003E	3265	
DEVWROLY	00001	00000040	3255	
DEVWROP1	00001	000006	3209	
DEVWROP2	00001	000007	3210	
DEV1030	00001	00000025	3198	
DEV1050D	00001	0000001D	3193	
DEV1050L	00001	0000001C	3192	
DEV129	00001	00000080	3253	
DEV274DA	00001	00000014	3187	
DEV274DB	00001	00000015	3188	
DEV274DC	00001	00000016	3189	
DEV274DD	00001	00000017	3190	
DEV2740	00001	00000010	3180	
DEV2740Z	00001	00000008	3181	
DEV2741	00001	00000002	3183	
DEV2741D	00001	00000032	3204	
DEV2770	00001	00000011	3184	
DEV2780	00001	00000004	3182	
DEV2780D	00001	00000027	3200	
DEV327L1	00001	000000FE	3206	3208
DEV327L2	00001	000000FF	3207	
DEV3270	00001	0000001E	3194	
DEV3270L	00001	000000FE	3208	
DEV3275	00001	00000001	3225	
DEV360	00001	00000026	3199	
DEV3735S	00001	00000022	3196	
DEV4OBUF	00001	00000040	3238	
DEV4OFAS	00001	00000080	3237	
DEV4OFDX	00001	00000010	3240	
DEV4OMD1	00001	00000001	3249	
DEV4OMD2	00001	00000002	3250	
DEV4OMD3	00001	00000003	3251	
DEV4OMOD	00001	00003C	3248	
DEV4OMS#	00001	00003B	3242	
DEV4OMSO	00001	00000000	3243	
DEV4OMS1	00001	00000001	3244	
DEV4OMS2	00001	00000002	3245	
DEV4OMS3	00001	00000003	3246	
DEV4ONL	00001	00000020	3239	
DEV4OSW	00001	00003A	3236	
DEV7770	00001	00000018	3191	
DEV83B3	00001	0000002F	3201	
DIALTABL	00001	00000000	3016	
DILALTCV	00004	00000C	3023	
DILANSR	00004	000000	3018	
DILANSRS	00001	00000040	3026	
DILBREAK	00001	00000010	3028	

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

```
DILCALL  00001 00000080 3025
DILCONN  00001 00000020 3027
DILCONV  00004    000004 3021
DILFLUSH 00001 00000004 3031
DILID    00001    00000E 3033
DILIDLEN 00001    00000D 3032
DILIDVER 00001 00000008 3029
DILSW    00001    00000C 3024
DILTERM  00004    000008 3022
DILWQE   00004    000004 3020
DIRRBN   00004    000018 6813
DIRRLTME 00004    000030 6820
DIRTIME  00004    00001C 6814
DISKQDDN 00008    000178 1285
DISPADR  00004    00014C 1270
DISPFLG  00001 00000040 1313
DOUBLE   00008    000050 1258
DPLXDSCT 00004    000110 1577
DPLXFHCW 00004    000114 1578
DSCT     00001 00000000 1623  1695 1760 1773 1784
DSCTACB  00004    000008 1630
DSCTADD  00001 00000040 1720
DSCTADDR 00004    000000 1627
DSCTALAD 00004 00000010 1639
DSCTALIA 00001 00000020 1721
DSCTALST 00004    000014 1656
DSCTAMGB 00002    00001E 1681
DSCTAMIG 00001 00000005 1670
DSCTBDAM 00001 00000002 1668
DSCTBDBF 00004 0000002C 1740  1743
DSCTBDHD 00001 0000002E 1742
DSCTBLOK 00008    00001E 1682
DSCTBUFR 00004    000018 1660
DSCTBXC  00001 00000080 1698
DSCTB37  00001 00000002 1715
DSCTCNDX 00001 00000010 1722
DSCTCTRL 00001    00001D 1672
DSCTDALC 00001 00000080 1662
DSCTDCBD 00004    00000C 1634
DSCTDCBQ 00004    000008 1631  1632
DSCTDCBS 00004    00000C 1633
DSCTDDNM 00008    000000 1624
DSCTDEAL 00001 00000004 1714
DSCTDECB 00004    000010 1638  1639
DSCTDLIN 00001 00000004 1735
DSCTDLOT 00001 00000002 1736
DSCTDLTH 00001 00000026 1695
DSCTDOWN 00001 00000001 1726
DSCTDPLX 00001 00000040 1710
DSCTDUMY 00001 00000010 1665
DSCTDUPL 00001    000025 1694
DSCTDYLN 00001 00000210 1784
DSCTDYNM 00001 0000003F 1625
DSCTENQ  00004    000014 1657
DSCTENRQ 00001 00000010 1650
```

SYMBOL	LEN	VALUE	DEFN	REFERENCES
DSCTEODS	00001	00000001	1680	
DSCTERLK	00001	00000002	1725	
DSCTFAB	00004	0000002C	1741	
DSCTFABX	00002	00002A	1738	
DSCTFLGS	00001	00001C	1661	
DSCTFLG2	00001	000028	1718	
DSCTFLG3	00001	000029	1727	
DSCTFLG4	00001	000026	1696	
DSCTFLG5	00001	000027	1708	
DSCTFLG6	00001	000014	1642	
DSCTFMT	00001	000021	1691	
DSCTGETL	00001	00000080	1673	
DSCTIOER	00001	00000002	1679	
DSCTIONO	00001	000020	1688	
DSCTIONX	00004	000020	1687	
DSCTISAM	00001	00000004	1667	1670
DSCTISUP	00001	00000080	1719	
DSCTISXC	00001	00000080	1697	
DSCTJFCB	00001	00004C	1778	
DSCTKEYL	00001	000020	1690	
DSCTKSDS	00001	00000040	1729	
DSCTLINK	00004	000004	1629	
DSCTLIST	00004	00002C	1739	1740 1741
DSCTLNTH	00001	0000004C	1773	1786
DSCTLOCK	00001	00000008	1723	
DSCTMPAL	00001	000030	1757	
DSCTMPEX	00004	000030	1750	
DSCTMPLX	00004	000030	1746	1756
DSCTMPNX	00001	000035	1752	
DSCTMPPR	00001	000034	1751	
DSCTMPXL	00001	00000034	1760	
DSCTMPXN	00001	000030	1749	
DSCTMVPM	00256	000110	1782	
DSCTNBFV	00004	00000040	1767	
DSCTNDPL	00001	00000020	1711	
DSCTNEWM	00001	00000020	1664	
DSCTNQFR	00001	00000020	1704	
DSCTNQFS	00001	00000040	1703	
DSCTNQRD	00001	00000008	1706	
DSCTNQRR	00001	00000010	1705	
DSCTNRF	00001	00000010	1648	
DSCTNSTR	00004	00000048	1770	
DSCTNTRY	00004	00000C	1620	
DSCTOPTC	00001	000024	1693	
DSCTOSGP	00001	00000010	1731	1733
DSCTOSRW	00001	00000008	1732	1733
DSCTPRMR	00001	00000080	1709	
DSCTPROV	00001	000004	1628	
DSCTPSAM	00001	00000008	1666	
DSCTPUTL	00001	00000040	1674	
DSCTQIKE	00004	0000002C	1743	
DSCTQSCE	00001	00000008	1713	
DSCTRDON	00001	00000040	1663	
DSCTREC	00002	00001E	1683	
DSCTRECF	00001	00000020	1730	

SYMBOL	LEN	VALUE	DEFN	REFERENCES
DSCTREDL	00001	00000020	1675	
DSCTRKP	00002	000022	1692	
DSCTRPL	00004	000010	1637	
DSCTRRDS	00001	00000080	1645	
DSCTRVSE	00001	0000001F	1626	
DSCTSETL	00001	00000008	1677	
DSCTSH02	00001	00000040	1646	
DSCTSH04	00001	00000020	1647	
DSCTSTRN	00002	00000E	1636	
DSCTSTRU	00001	00000001	1737	
DSCTSTSE	00001	0000004C	1771	
DSCTSTSG	00004	00003C	1765	
DSCTSTSP	00004	000044	1768	
DSCTSTSR	00004	000040	1766	1767
DSCTSTSU	00004	000038	1764	
DSCTSTSW	00004	000048	1769	1770
DSCTTAPE	00001	00000001	1669	1670
DSCTUREC	00001	00000004	1724	
DSCTVDSN	00004	000018	1659	
DSCTVLSR	00001	00000010	1712	
DSCTVLST	00014	000100	1780	
DSCTVRBA	00004	000020	1684	
DSCTVSAM	00001	00000080	1728	
DSCTVSDS	00001	00000001	1716	
DSCTVSEX	00001	00000004	1653	
DSCTVSIS	00001	00000018	1733	
DSCTVSSH	00001	00000008	1652	
DSCTVTHD	00001	000018	1658	
DSCTWQE	00004	00000008	1632	
DSCTWRTL	00001	00000010	1676	
DSCTXCTL	00001	00000004	1678	
DSCTXCTO	00001	00000001	1707	
DSCTXCTR	00002	00000C	1635	
DSCTXLST	00004	0000FC	1779	
DSEACT	00001	00000080	8371	
DSEBHWM	00004	00003C	8388	
DSEBLKNG	00001	00000002	8377	
DSEBLKSZ	00002	00001E	8367	
DSEBLOKS	00002	000020	8368	
DSEDDNAM	00008	000004	8361	
DSEDEFLT	00001	00000040	8372	
DSEDSECT	00001	00000000	8348	
DSEDSIZE	00004	00000C	8362	
DSEFETAD	00004	000018	8365	
DSEFETSZ	00002	00001C	8366	
DSEFLAGS	00001	000024	8370	
DSEFULL	00004	00004C	8392	
DSENEXT	00004	000000	8352	
DSEPERMS	00001	00000020	8373	
DSEPREFX	00001	00000004	8353	8360
DSEQCFDD	00008	000004	8354	
DSEQCFSZ	00004	000014	8356	
DSEQSBEG	00004	000028	8383	
DSEQSEM	00004	000038	8387	
DSEQSHWM	00004	00002C	8384	

SYMBOL	LEN	VALUE	DEFN	REFERENCES
DSEQSPR	00004	000034	8386	
DSEQSTR	00004	000030	8385	
DSERECOV	00001	00000010	8374	
DSERELNO	00002	000022	8369	
DSESCFDD	00008	00000C	8355	
DSESHARD	00001	00000004	8376	
DSESTATS	00001	00000008	8375	
DSESTIME	00004	000014	8364	
DSETRESH	00004	000010	8363	
DSEWARND	00001	00000001	8378	
DSEXACQ	00004	000044	8390	
DSEXFREE	00004	000040	8389	
DSEXSEC	00004	000048	8391	
DUPLEXIO	00001	00000010	1551	
DVMALTBF	00001	00000040	6974	
DVMBUFSZ	00002	000000	6969	
DVMDVFLG	00001	000005	6972	
DVMENTLN	00001	00000006	6976	
DVMHDCPY	00001	00000080	6973	
DVMLINSZ	00001	000004	6971	
DVMNOLIN	00002	000002	6970	
DWORD	00008	0000A8	7578	
DYNAMLEN	00001	00000190	7417	
DYNBAL	00001	00000080	2047	
DYNBLDL	00001	00000001	2044	
DYNBLDLD	00052	00002C	2068	
DYNCOBOL	00001	00000020	2049	
DYNCOUNT	00002	000006	2034	
DYNDELTM	00002	000004	2033	
DYNDSECT	00001	00000000	2028	2067 2069
DYNDWS	00004	000014	2055	
DYNECB	00004	00001C	2063	
DYNFLAGA	00001	00000C	2036	
DYNFORCE	00001	00000008	2041	
DYNGET	00003	000015	2061	
DYNLDDEL	00001	00000004	2051	
DYNLDLNK	00001	00000008	2050	
DYNLDXA	00001	00000004	2042	
DYNLEN	00001	0000002C	2067	
DYNLENB	00001	00000060	2069	
DYNLKED	00001	00000010	2040	
DYNLMSZ	00004	000020	2065	
DYNLOADA	00004	000000	2032	
DYNLOADS	00004	000018	2062	
DYNNAME	00008	000024	2066	
DYNNOSCH	00001	00000002	2043	
DYNPARM	00001	000014	2056	
DYNPL1	00001	00000040	2048	
DYNPMSG	00001	00000080	2057	
DYNPRC	00001	00000010	2060	
DYNPSCT	00001	00000020	2059	
DYNPSPA	00001	00000040	2058	
DYNREENT	00001	00000020	2039	
DYNRES	00001	00000080	2037	
DYNREUSE	00001	00000040	2038	

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

SYMBOL	LEN	VALUE	DEFN	REFERENCES
DYNTYPE	00001	00000D	2046	
DYNUSAGE	00004	000010	2054	
DYNVCON	00004	00001C	2064	
DYNWQE	00004	000008	2035	
DYNWTCNT	00002	00000E	2053	
EATTRIBN	00001	0000000F	7767	
EATTRIBR	00001	0000000F	7777	
ECHGERRN	00001	0000041B	7724	
ECHGERRR	00001	00000417	7734	
EDITQ	00001	00000001	1299	
EDITRTNS	00001	00000000	0885	
ELAYOUT	00001	00000004	7673	
ELMAXSHR	00001	000040	1511	
ELMCHN	00004	000034	1507	
ELMDSECT	00001	00000000	1503	1520
ELMEXCL	00001	00000040	1517	
ELMFLAG	00001	000044	1515	
ELMLEN	00001	00000048	1520	
ELMLENG	00001	000045	1518	
ELMNEXT	00004	00002C	1505	
ELMPRIOR	00004	000030	1506	
ELMRESOR	00044	000000	1504	
ELMR14	00004	000038	1509	
ELMSHARE	00001	000041	1512	
ELMSHR	00001	00000080	1516	
ELMSYSCT	00001	000042	1513	
ELMWAIT	00001	000043	1514	
ELMWQE	00004	00003C	1510	
EMAPGPN	00001	0000000E	7642	
EMAPGPR	00001	0000000E	7652	
EMAPN	00001	0000000B	7659	
EMAPR	00001	0000000B	7666	
EMOREGPS	00001	00000004	7794	
ENCHNGS	01040	000003	7696	
ENCHNGSL	00002	000000	7694	
ENCHNGST	00001	000002	7695	
ENDREGS	00004	000054	7415	
ENDVALUE	00004	000000	1464	
ENENREV	00001	00041A	7702	
ENENREVL	00002	000417	7700	
ENENREVT	00001	000419	7701	
ENNONED	00001	000416	7699	
ENNONEDL	00002	000413	7697	
ENNONEDT	00001	000415	7698	
ENQAREA	00004	0000009C	1561	1562
ENTLEN	00002	000010	1468	
EOREMAPS	00001	00000008	7787	
EPNAMESN	00001	0000041B	7703	
EPNAMESR	00001	00000413	7711	
ERCHNGS	01040	000003	7710	
ERCHNGSL	00002	000000	7708	
ERCHNGST	00001	000002	7709	
EREVCON	00001	00000004	7808	
EREVSEL	00001	00000004	7801	
ETNAMESN	00001	00000004	7681	

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

```
ETNAMESR 00001 00000000 7686
EUMTYPEN 00001 0000000C 7747
EUMTYPER 00001 00000008 7757
EXQBLKED 00001 00000010 6736
EXQBUILT 00001 00000080 6733
EXQDDNAM 00002   000000 6727
EXQDSECT 00001 00000000 6726  6740
EXQFULL  00001 00000020 6735
EXQIOERR 00001 00000040 6734
EXQLNGTH 00001 00000010 6740
EXQMSGS  00004   000008 6730
EXQQCB   00004   000004 6729
EXQRECSZ 00002   00000C 6731
EXQSPACE 00002   000002 6728
EXQSW    00001   00000E 6732
EXTDSCT  00004   00022C 7617
EXTSAVE  00004   000080 3314  3330 3335
E1290UT  00001 00000080 3319
E129STAT 00001   0000CC 3318
FAB      00001 00000000 1800  1820 1831
FABADD   00004   000008 1619
FABADSCT 00004   000008 1844
FABALCNT 00002   000002 1837
FABALDD  00008   000000 1843
FABALIAS 00001 00000000 1842  1845
FABALLEN 00001 0000000C 1845
FABAL1   00001 00000004 1838  1839
FABCHKIN 00001 00000002 1808
FABCHKOT 00001 00000004 1807
FABCP    00001 00000001 1809
FABCPBKY 00001 00000020 1815
FABCPBLK 00001 00000080 1813
FABCPCNT 00002   000006 1825
FABCPIDS 00001 00000020 1832
FABCPKEY 00001 00000040 1814
FABCPLEN 00001   000003 1823
FABDL    00001 00000008 1806
FABDLCDE 00001   000008 1827
FABDLLEN 00001   000002 1822
FABDLMAX 00001 00000008 1826  1827
FABDLOFF 00002   000004 1824
FABDYNLN 00001 00000020 1831
FABFLGS1 00001   000000 1801
FABFLGS2 00001   000001 1812
FABHEADL 00001 00000004 1839
FABIMM   00001 00000080 1802
FABIMMLN 00001 00000002 1820
FABLGAFT 00001 00000010 1805
FABNCPWT 00001 00000004 1818
FABNOADD 00001 00000010 1816
FABNOAFT 00001 00000008 1817
FABOFFST 00002   000000 1836
FABRCRIT 00001 00000020 1804
FABRYES  00001 00000040 1803
FABTABLE 00001 00000000 1835  1839
```

SYMBOL	LEN	VALUE	DEFN	REFERENCES
FABUB37E	00001	00000001	1819	
FAB37COM	00008	000010	1828	
FAB37ECB	00004	000018	1829	
FAB37SYN	00004	00001C	1830	
FDBIN	00001	00000080	8070	
FDBKLEN	00001	0000003A	8485	
FDBKMLEN	00001	00000050	8484	
FDCHAR	00001	00000020	8072	
FDCHEDIT	00001	00000002	8094	
FDDATE	00001	00000080	8091	
FDDETAIL	00001	00000000	8056	8065
FDDOLLAR	00001	00000040	8092	
FDINHDR	00001	00000002	8076	
FDINKEY	00001	00000008	8074	
FDINSUBK	00001	00000002	8086	
FDIN2REP	00001	00000001	8087	
FDITACC	00001	00000010	8073	
FDITLINE	00001	00000004	8075	
FDNOCHG	00001	00000001	8095	
FDNOVRY	00001	00000004	8093	
FDNUM	00001	00000000	8096	
FDPACK	00001	00000040	8071	
FDPADBL	00001	00000020	8082	
FDPADLFT	00001	00000080	8080	
FDPADRGT	00001	00000040	8081	
FDPADZER	00001	00000010	8083	
FDRDEDIT	00001	000009	8061	
FDRDEND	00001	0000000D	8064	8065
FDRDFORM	00001	000007	8059	
FDRDLEN	00001	0000000D	8065	
FDRDNAME	00005	000000	8057	
FDRDOFFS	00002	000005	8058	
FDRDOUTI	00002	00000B	8063	
FDRDPADK	00001	000008	8060	
FDRDSECT	00001	00000000	8041	
FDRDSIZE	00001	00000A	8062	
FDREPET	00001	00000001	8077	
FDRHDNUM	00002	00000B	8048	
FDRHEADR	00001	00000000	8044	8051 8055
FDRHEND	00001	0000000F	8050	8051
FDRHLEN	00001	0000000F	8051	
FDRHLREP	00002	000009	8047	
FDRHNAME	00008	000000	8045	
FDRHRBNM	00001	000008	8046	
FDRRPTNO	00002	00000D	8049	
FDTRUNKL	00001	00000008	8084	
FDTRUNKR	00001	00000004	8085	
FEBBLOKS	00004	000008	8332	
FEBDSECT	00001	00000000	8317	
FEBDTAIL	00001	00000000	8328	8334
FEBHDLEN	00001	0000000C	8325	
FEBHEADR	00001	00000000	8318	8325 8327
FEBLEN	00001	0000000C	8334	
FEBMAX	00002	000000	8319	
FEBNEXT	00002	000000	8329	

SYMBOL	LEN	VALUE	DEFN	REFERENCES
FEBNOFEB	00002	000002	8320	
FEBPREV	00002	000002	8330	
FEBRBN	00004	000004	8331	
FEBSTART	00002	000004	8321	
FEBUNUSE	00002	000006	8322	
FECMFLAG	00008	000100	8449	8478 8484 8491 8507
FECMLINK	00004	000110	8462	8463
FECMMARK	00001	000000FE	8450	
FECMSW	00001	00010C	8452	
FECMTEXT	00001	00000114	8470	8481 8489 8494
FECMTYPE	00004	000108	8451	
FEDDQDSP	00001	000114	8473	
FEDDQID	00016	000118	8476	
FEFDBDAT	00016	000116	8483	8485
FEFDBRSC	00002	000114	8482	
FELU6APL	00008	000128	8502	
FELU6BTV	00004	000114	8496	
FELU6LBD	00004	000118	8497	
FELU6LBS	00004	00011C	8498	
FELU6LEN	00002	000126	8501	
FELU6MRX	00001	000113	8468	
FELU6MSG	00001	00000138	8508	
FELU6OPT	00001	000112	8467	
FELU6RC	00001	000137	8506	
FELU6RCH	00001	000111	8466	
FELU6RSC	00001	000110	8465	
FELU6SCH	00001	000136	8505	
FELU6SSC	00001	000135	8504	
FELU6TID	00005	000130	8503	
FELU6TOT	00002	000124	8500	
FELU6VRB	00004	000114	8495	
FELU6WQE	00004	000120	8499	
FEQLB	00004	000118	8477	
FEQLR	00002	000116	8474	
FHCW	00004	00025C	7618	
FHREQ	00001	00025D	7620	
FHSTATUS	00001	00025C	7619	
FIELD	00001	00000000	7269	7280
FIELDEND	00004	000120	7599	
FIT	00002	0007C8	7563	
FITFLDLN	00001	00000010	7564	
FITNOT	00001	00000010	1295	
FLDAID	00001	000000FC	7292	
FLDASKIP	00001	00000040	7432	
FLDATTRB	00001	00000A	7278	
FLDATTR1	00001	00000B	7431	
FLDATTR2	00001	00000C	7439	
FLDATTS	00002	00000B	7430	
FLDBINRY	00001	00000003	7300	
FLDBLAN	00001	00000010	7314	
FLDBLFIL	00001	00000002	7444	
FLDBL1	00001	00000010	7451	
FLDBL3	00001	00000030	7453	
FLDCHAR	00001	00000002	7299	
FLDCNTL	00001	00000009	7306	

SYMBOL	LEN	VALUE	DEFN	REFERENCES
FLDCURSR	00001	000000FB	7293	
FLDDOLLR	00001	00000020	7315	
FLDENTRD	00001	00000001	7298	
FLDEXLEN	00001	000004	7272	
FLDFIXED	00001	000000FF	7289	
FLDFULLW	00001	00000005	7302	
FLDFW	00001	00000040	7454	
FLDHALFW	00001	00000004	7301	
FLDHCP	00002	00000E	7458	
FLDHINT	00001	00000008	7435	
FLDHW	00001	00000020	7452	
FLDINIT	00001	00000080	7317	
FLDINIT	00001	00000000	7440	****DUPLICATE****
FLDINITV	00001	00000E	7285	
FLDINLEN	00001	000005	7273	
FLDINTLN	00002	00000C	7284	
FLDJBLNK	00001	00000004	7312	
FLDJLFT	00001	00000001	7310	
FLDJRGT	00001	00000002	7311	
FLDJUST	00001	000009	7277	
FLDJZERO	00001	00000008	7313	
FLDKEYW	00001	000000FD	7291	
FLDKEYWD	00008	00000B	7282	7283
FLDLEN	00002	000002	7427	
FLDLFJUS	00001	00000004	7443	
FLDMDTON	00001	00000004	7436	
FLDNAME	00007	000004	7428	
FLDNDISP	00001	00000020	7433	
FLDNDOLR	00001	00000080	7456	
FLDNMGVN	00001	00000040	7316	
FLDNTYPE	00001	00000D	7447	
FLDNUM	00001	00000002	7437	
FLDOCCUR	00001	000007	7275	
FLDOFFST	00002	000000	7270	
FLDOFS	00002	000000	7426	
FLDPACKD	00001	00000007	7304	
FLDPD	00001	00000050	7455	
FLDPOS	00001	000000FE	7290	
FLDPROT	00001	00000001	7438	
FLDRLPOS	00002	000002	7271	
FLDRTJUS	00001	00000008	7442	
FLDSCALE	00001	000008	7276	
FLDSELPN	00001	00000010	7434	
FLDSTLEN	00001	0000000B	7280	
FLDTYPE	00001	000006	7274	
FLDVERB	00001	000000FA	7294	
FLDYESNO	00001	00000008	7305	
FLDYN	00001	00000010	7441	
FLDZD	00001	00000000	7450	
FLDZONED	00001	00000006	7303	
FLDZRFIL	00001	00000001	7445	
FMH7ERR	00001	00000001	8461	
FNKEY	00001	000027	7491	
FNSA	00001	00000020	8002	
FRDYN	00001	00000001	1537	

SYMBOL	LEN	VALUE	DEFN	REFERENCES
FRHEAD	00004	000064	1535	
FRTEXT	00004	000068	1536	
FSI	01920	000229	7613	7592 7616
FSIPERM	01920	000048	7541	7588 7588 7593
FSTSEG	00001	00000080	8022	
FTAE	00001	00000010	8003	8004
FTASR	00001	00000080	8012	
FTAT	00001	00000040	8013	
FTBD	00001	00000008	8005	
FTBFRBN	00004	000008	6807	
FTBLISTD	00001	00000000	7987	
FTBLRBN	00004	00000C	6808	
FTBS	00001	00000004	8006	
FTDEND	00004	000028	8015	8016
FTEL	00004	00000028	8016	
FTFNAME	00004	000000	7988	8016
FTFP	00002	00000A	7990	
FTHK	00001	000023	8009	
FTIS	00001	00000002	8007	
FTLK	00001	00001C	7996	
FTLNWA	00004	000014	7993	
FTLTNUM	00004	000010	7992	
FTNB	00004	00001C	7995	
FTOK	00002	000020	7998	
FTPTFAS	00004	00000C	7991	
FTPTFASR	00004	000018	7994	
FTRG	00001	00000001	8008	
FTRNFD	00003	000024	8010	
FTSR	00002	000008	7989	
FTSW	00001	000022	7999	
FTSW2	00001	000027	8011	
FTTR	00001	00000020	8014	
FTYA	00001	00000080	8000	8004
FTYB	00001	00000040	8001	
FTYC	00001	00000090	8004	
FUD	00001	000000F9	8034	
FULL	00004	00000048	1257	
FULLWORD	00004	00011C	7597	
F6ROSS	00001	00000040	8455	
F6ROTID	00001	00000080	8454	
F6SSNEW	00001	00000010	8457	
F6TIDNO	00001	00000020	8456	
GETADDR	00004	000048	1478	
GFEABNRM	00001	00000004	3443	
GFEBLINE	00004	000008	3449	
GFEBTERM	00004	00000C	3450	
GFECLOSE	00001	0000000A	3476	
GFECODES	00004	000004	3434	
GFECODE1	00001	000004	3435	
GFECODE2	00001	000005	3439	
GFECODE3	00001	000006	3440	
GFECODE4	00001	000007	3441	
GFEDOWN	00001	00000007	3473	
GFEDSECT	00001	00000000	3456	
GFEFLAG1	00001	000005	3460	

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

SYMBOL	LEN	VALUE	DEFN	REFERENCES
GFEINPUT	00004	000010	3451	
GFELDOWN	00001	00000008	3445	
GFELG	00004	000008	3447	
GFENEGRS	00001	0000000C	3446	
GFENORM	00001	00000000	3442	
GFENTRYS	00004	000008	3464	
GFENXTID	00001	00000000	3436	
GFEONEEP	00001	00000080	3461	
GFEOPEN	00001	00000002	3468	
GFEOUTPT	00004	000010	3452	
GFEPARML	00001	00000014	3453	
GFEPARMS	00001	00000000	3432	3453
GFEQPR	00001	000008	3448	
GFEREAD	00001	00000003	3469	
GFERESET	00001	00000005	3471	
GFESPLN	00001	00000009	3475	
GFESTART	00001	00000001	3467	
GFESTLN	00001	00000008	3474	
GFETCAM	00001	00000001	3459	
GFETDOWN	00001	00000004	3444	
GFETIDUP	00001	00000004	3437	
GFETIDWN	00001	00000008	3438	
GFETYPE	00001	000004	3458	
GFEUP	00001	00000006	3472	
GFEUSER	00004	000000	3457	
GFEUSERV	00004	000000	3433	
GFEVERFY	00001	00000000	3466	
GFEWRITE	00001	00000004	3470	
GOTDSCT	00001	00000040	1549	
HALF	00002	000162	1276	
HALFWORD	00002	000124	7601	
HASHMOD	00004	000034	7523	
HDRLIST	00004	00003C	2948	2949
HD327AID	00001	000073	3367	
HD327CUR	00002	000078	3370	
HD327OWK	00011	000070	3365	
HIT	00002	0007C8	7559	
HITLEN	00002	000038	7524	
HSECAUTO	00001	00000040	6770	
HSECFLAG	00001	000002	6768	
HSECMASK	00001	00000011	6778	
HSECMAXT	00001	000003	6771	
HSECMSKL	00001	00000F	6776	
HSECMSKO	00001	000010	6777	
HSECODE	00004	00000A	6774	
HSECOFFS	00002	000000	6767	
HSECOPER	00004	000014	6779	
HSECOUNT	00001	00000E	6775	
HSECRBN	00002	000008	6773	
HSECTIME	00004	000004	6772	
HSECUNVR	00001	00000080	6769	
IAS	00001	000000F5	8030	
ICATTRB	00001	000002	7357	
ICD	00001	00000000	7355	7362
ICDL	00001	00000003	7362	

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

```
ICFERR   00001 00000080 7361
ICFLAG   00001   000002 7358
ICFOK    00001 00000000 7359
ICFOMIT  00001 000000FF 7360
ICLEN    00002   000000 7356
ICOMNAME 00008   000078 1499
IDAREA   00016   0000A4 3342
IDSENT   00002   000096 3333
IECTDECB 00001 00000000 2850  3013
IFGRPL   00001 00000000 4264  4365 5799
IFN      00001 000000F3 8028
IHADCB   00001 00000000 2473  2495 2556 2571 2586 2599 2724 2729 2744 2750 2759 2774 2775 2779 2792 2843
ILC      00001 000000F6 8031
INAREA   00004 000000C8 3322
INDEXBIT 00001   00006D 3301
INMODE   00001 00000001 7197  7199
INQDSECT 00001 00000000 6716  6720
INQELEMS 00004   000004 6722
INQEMPTY 00002   000002 6718
INQEND   00002   000000 6717
INQFIXLN 00001 00000004 6720
INTSTOW# 00001 0000000A 8180
INTTFCB  00001 00000000 8531
INTTFCBH 00001 00000000 8512
INTTFCBU 00001 00000000 8574
IOC      00001 000000F0 8025
IOERR    00001 00000002 1298
IOMODE   00001 00000003 7199
ISGFIT   00001 00000000 7421
ISGMAPDA 00008   000040 7536  7546
ISGMAPS  00001 00000000 7632  7634 7644 7654 7661 7668 7675 7683 7691 7705 7713 7726 7736 7749 7759 7769 7779 7789 7796
                              7803
ISGMPLEN 00001 00000788 7546
ISGPEND  00001 000007C8 7543  7546 7549
ISGPERM  00001 00000000 7470  7549
ISGPLEN  00001 000007C8 7549
ISGTEMP  00001 00000000 7572  7626
ISGTEND  00001 000009A9 7624  7626
ISGTLEN  00001 000009A9 7626
ISPSECTS 00001 00000000 0002  0905 1991 2024
ISTRPL6X 00001 00000000 5525
ISTUSFBC 00001 00000000 5835
ITCB     00001 00000000 1995  2023
ITCBAQLB 00004   000008 1998
ITCBBMN  00003   000020 2020
ITCBDCNT 00001   00001C 2018
ITCBLEN  00001 00000028 2023
ITCBMMN  00003   000010 2014
ITCBPMSS 00004   000014 2016
ITCBQHWM 00002   00000C 1999
ITCBSCSA 00004   000000 1996
ITCBSCT  00004   000004 1997
ITCBSW1  00001   00000E 2000
ITCBSW2  00001   00000F 2010
ITCBTAB# 00001   000013 2015
```

SYMBOL	LEN	VALUE	DEFN	REFERENCES
ITCBTID	00005	000023	2021	
ITCBTWQE	00004	00001C	2019	
ITCBVECB	00004	000018	2017	
IXFDSCTA	00001	00000000	1596	1527 1785
IYESFLG	00001	00000004	1317	
JFCBDTSV	00004	000000B4	1569	
KIDSENT	00002	000098	3334	
LASTBUFR	00004	0000CC	3320	
LAYOUT	00001	00000000	7669	
LBX	00001	00000000	3654	3693
LBXCNOSC	00001	00000008	3661	
LBXCNOSM	00001	00000001	3664	
LBXCNOSR	00001	00000002	3663	
LBXCNOSS	00001	00000004	3662	
LBXDQDSP	00001	00000040	3659	
LBXEND	00008	000030	3692	
LBXENQD	00001	00000020	3660	
LBXFLAG1	00001	000003	3656	
LBXID	00003	000000	3655	
LBXLEN	00001	00000030	3693	
LBXMODE	00008	000010	3682	
LBXNMAX	00001	000008	3671	
LBXNPLU	00001	000009	3672	
LBXNSLU	00001	00000A	3673	
LBXPECB	00004	00000C	3676	
LBXPLUAF	00004	000020	3688	
LBXPLUAL	00004	000024	3689	
LBXPLUC	00001	000004	3666	
LBXPLUM	00001	000006	3668	
LBXPLUUF	00004	000028	3690	
LBXPLUUL	00004	00002C	3691	
LBXSLUC	00001	000005	3667	
LBXSLUM	00001	000007	3669	
LBXSLUPF	00004	000018	3686	
LBXSLUPL	00004	00001C	3687	
LBXWTPLU	00001	00000080	3658	
LCCANC	00002	000036	6886	
LCCIOE	00002	00003A	6888	
LCCISC	00002	00003C	6889	
LCCNQS	00002	00003E	6890	
LCCP	00001	00000004	8021	
LCGENSW	00001	000040	6891	
LCHDR	00042	000000	6882	
LCINVMG	00002	000038	6887	
LCLTH	00001	00000041	6892	
LCMSNM	00004	000032	6885	
LCTIM	00004	00002A	6883	
LCTNMP	00004	00002E	6884	
LENTH	00002	000164	1277	
LGBISYNC	00001	00000080	2461	
LGDCB	00004	000010	2468	
LGDSECT	00001	00000000	2455	2469
LGFSTLN	00004	000004	2464	
LGGFE	00001	00000040	2462	
LGGRAPH	00001	00000020	2463	

SYMBOL	LEN	VALUE	DEFN	REFERENCES
LGLSTLN	00004	000008	2465	
LGNEXT	00002	000000	2456	
LGPFXLEN	00001	00000014	2469	
LGRVI	00001	00000080	2458	
LGSW1	00001	000002	2457	
LGSW2	00001	000003	2460	
LGUNIT	00004	00000C	2467	
LGUP	00001	00000040	2459	
LIST	00004	000054	1491	
LIST	00001	00000000	3288	****DUPLICATE****
LISTA	00004	00004C	3280	3281
LIST2	00004	00005C	3290	3291
LOATRIB	00001	000003	7672	
LOATRIBL	00002	000000	7670	
LOATRIBT	00001	000002	7671	
LOFVP1	00001	00000003	7863	
LOGCHK	00001	00000000	6881	6892
LOGCHRHD	00001	00000000	7339	
LOGENTLN	00002	000000	7341	7345
LOGENTNM	00002	000002	7342	
LOGREFAD	00003	000001	7348	
LOGREFLG	00001	000000	7347	
LOGREFNC	00004	000000	7346	
LOGSAVE	00004	00000094	1564	
LOGSW	00001	00000001	1556	
LOGTBLST	00002	000004	7343	
LOG3O	00001	00000040	1968	
LOSTFLG	00001	00000010	1315	
LRBN	00001	00000003	8020	
LSB	00001	00000000	3877	3941
LSBASDRS	00001	00000080	3910	
LSBASERS	00001	00000040	3911	
LSBASOPT	00001	000007	3909	
LSBASRS1	00001	00000020	3912	
LSBASRS2	00001	00000010	3913	
LSBBNDAR	00003	00001D	3934	
LSBCICS	00001	00000051	3886	
LSBCONSL	00001	00000021	3885	
LSBDFCSB	00002	000012	3930	
LSBICOM	00001	00000052	3887	
LSBID	00003	000000	3878	
LSBILVB	00002	00000C	3922	
LSBITPUP	00001	00000040	3906	
LSBLEN	00001	00000028	3941	
LSBLMODE	00008	000014	3932	
LSBLTYP	00001	000003	3879	
LSBMOPT	00001	000006	3904	
LSBNOSNA	00001	00000010	3907	
LSBOTSEG	00002	000008	3915	
LSBRACHN	00001	00000080	3899	
LSBRFMHA	00001	00000040	3900	
LSBRFMHM	00001	00000020	3901	
LSBROPT	00001	000005	3898	
LSBSAUTC	00001	00000008	3894	
LSBSDRSP	00001	00000080	3890	

SYMBOL	LEN	VALUE	DEFN	REFERENCES
LSBSERSP	00001	00000040	3891	
LSBSFMH	00001	00000004	3896	
LSBSHCTO	00001	00000E	3925	
LSBSHUTD	00001	00000080	3905	
LSBSNDBF	00002	000010	3929	
LSBSOPT	00001	000004	3889	
LSBSRSP1	00001	00000020	3892	
LSBSRSP2	00001	00000010	3893	
LSBTMOUT	00002	000024	3937	
LSBTRSTB	00003	000021	3936	
LSBULVB	00002	00000A	3919	
LSBUOPT	00001	00000F	3926	
LSB327ON	00001	00000011	3883	
LSB327OS	00001	00000012	3884	
LSB3600	00001	00000004	3882	
LSB3790B	00001	00000002	3881	
LSB3790I	00001	00000001	3880	
LUB	00001	00000000	3483	3649
LUBACMCH	00001	00000020	3601	
LUBACQ	00001	00000020	3500	
LUBACTIV	00001	00000008	3502	
LUBCBTRM	00001	00000020	3584	
LUBCEBS	00001	00000002	3552	
LUBCID	00004	000008	3490	
LUBCLUC	00001	00002C	3606	
LUBCOMP	00001	000003	3485	
LUBCOMPA	00001	000004	3486	
LUBCONN	00001	00000010	3501	
LUBCPYAB	00001	00000020	3623	
LUBCVIB	00004	00002C	3605	
LUBDEVAD	00001	00003A	3626	
LUBDFCHN	00001	00000001	3527	
LUBDLU	00004	00003C	3629	
LUBDNXT	00004	00003C	3628	
LUBDQCX	00001	000005	3487	
LUBDRNR	00001	00000020	3638	
LUBDTGO	00001	00000020	3513	
LUBDTOK	00001	00000080	3510	
LUBDVTID	00001	00000004	3525	
LUBDYN	00001	00000040	3499	
LUBEND	00004	000040	3648	
LUBERRDN	00001	00000004	3503	
LUBFCMQD	00001	00000008	3550	
LUBFLAG1	00001	000014	3497	
LUBFLAG2	00001	000015	3509	
LUBFLAG3	00001	000016	3519	
LUBFLAG4	00001	000017	3529	
LUBFLAG5	00001	000036	3611	
LUBFSPKR	00001	00000040	3583	
LUBHDFF	00001	00000010	3585	
LUBID	00003	000000	3484	
LUBINB	00001	00000040	3531	3535
LUBLCUNO	00001	000039	3625	
LUBLEN	00001	00000040	3649	
LUBLGONF	00001	000037	3614	

SYMBOL	LEN	VALUE	DEFN	REFERENCES
LUBLSB	00002	000012	3495	
LUBLUCFL	00001	00000008	3524	
LUBLUDF	00001	000038	3620	
LUBLUFLD	00008	000038	3616	3619 3631 3644
LUBNBETB	00001	00000058	3535	
LUBNEXT	00002	000006	3488	
LUBNOSES	00001	00000080	3635	
LUBOPRTY	00001	00002A	3596	
LUBOTSEG	00002	000034	3610	
LUBPDBB	00001	00000008	3534	3535
LUBPDCPY	00001	00000040	3622	
LUBPDEB	00001	00000010	3533	3535
LUBPDRDB	00001	00000080	3621	
LUBPDRTR	00001	00000020	3532	
LUBQCANC	00001	00000010	3574	
LUBQCFSN	00002	000020	3566	
LUBQCHN	00001	000024	3568	
LUBQCLSN	00002	000022	3567	
LUBQCSEG	00001	00000020	3573	
LUBQDRIP	00001	00000004	3516	
LUBQFLSH	00001	00000004	3576	
LUBQF1	00001	000026	3571	
LUBQM	00004	00001C	3563	
LUBQMC	00001	00001C	3564	
LUBQPDR	00001	00000008	3575	
LUBQRSCH	00001	00000002	3577	
LUBQSCH	00001	00000080	3572	
LUBRACT	00001	00000008	3603	
LUBRCEB	00001	00000001	3604	
LUBRCHN	00001	000029	3595	
LUBRCON	00001	00000002	3505	
LUBRCVBK	00001	00000080	3599	
LUBRCVCH	00001	00000040	3600	
LUBRCVEB	00001	00000004	3536	
LUBRCVMD	00001	00000002	3537	
LUBRELPD	00001	00000040	3613	
LUBRF1	00001	00002B	3598	
LUBRSYNC	00001	00000001	3553	
LUBRTCTR	00001	00001B	3561	
LUBSACT	00001	00000080	3545	
LUBSCHOK	00001	00000008	3586	
LUBSDISP	00001	00000040	3546	
LUBSDRSP	00001	00000080	3589	
LUBSDT	00001	00000040	3512	
LUBSEEND	00001	00000040	3636	
LUBSENSE	00004	000008	3489	
LUBSEQIN	00002	00000C	3492	
LUBSEQOF	00002	00000E	3493	
LUBSEQOL	00002	000010	3494	
LUBSERSP	00001	00000040	3590	
LUBSFDR	00001	00000080	3556	
LUBSFER	00001	00000040	3557	
LUBSFLGS	00002	000019	3542	
LUBSFR1	00001	00000020	3558	
LUBSFR2	00001	00000010	3559	

SYMBOL	LEN	VALUE	DEFN	REFERENCES
LUBSF1	00001	000019	3544	
LUBSF2	00001	00001A	3555	
LUBSHCIP	00001	00000008	3515	
LUBSHDIP	00001	00000010	3514	
LUBSHHIP	00001	00000002	3517	
LUBSHTIC	00001	000018	3540	
LUBSIGRS	00001	00000004	3551	
LUBSIMLG	00001	00000080	3498	
LUBSIMPD	00001	00000080	3612	
LUBSLU	00001	00000001	3506	
LUBSNDCH	00001	00000001	3538	
LUBSPRMS	00002	000027	3579	
LUBSPRM1	00001	000027	3581	
LUBSPRM2	00001	000028	3588	
LUBSQC	00001	00000010	3548	
LUBSQEC	00001	00000020	3547	
LUBSRSP1	00001	00000020	3592	
LUBSRSP2	00001	00000010	3593	
LUBSRSYN	00001	00000080	3530	
LUBTRCER	00001	00000040	3522	
LUBTRCHN	00001	00000010	3602	
LUBTRCOK	00001	00000080	3521	
LUBUBRAC	00001	00000080	3582	
LUBUINV	00001	000025	3569	
LUBUSER	00004	000030	3609	
LUB62CUR	00001	00003B	3641	
LUB62EXT	00004	00003C	3643	
LUB62FL1	00001	000038	3634	
LUB62MAX	00001	00003A	3640	
LUB62MST	00004	000038	3633	
LUB62NXT	00004	00003C	3642	
LUC	00001	00000000	3698	3821
LUCACT	00001	00000040	3771	
LUCAIDGR	00001	00001A	3751	
LUCALT	00005	000005	3700	
LUCALTBF	00001	00000080	3793	
LUCASYNC	00001	00000004	3738	
LUCCBMN	00004	000034	3803	
LUCCDF	00001	000034	3792	
LUCCDFLD	00012	000034	3788	3791 3801 3805 3816
LUCCMF1	00001	000016	3746	
LUCCMF2	00001	000017	3747	
LUCCMPNO	00001	00000A	3701	
LUCCNTL	00001	00000002	3708	
LUCCONV	00001	00000020	3735	
LUCCRT	00001	00000040	3734	
LUCCSB	00002	00000E	3716	
LUCDACOL	00001	000038	3798	
LUCDAROW	00001	000037	3797	
LUCDCOL	00001	000036	3796	
LUCDDQ	00001	00000080	3712	
LUCDDQE	00001	00000040	3713	
LUCDDQFA	00003	000029	3776	
LUCDROW	00001	000035	3795	
LUCDSPLY	00001	00000010	3705	

ASM H V 02 15.46 09/01/98

SYMBOL	LEN	VALUE	DEFN	REFERENCES
LUCDSW	00001	00000020	3772	
LUCEND	00004	000040	3820	
LUCFECM	00004	000034	3802	
LUCILOCK	00004	000030	3780	
LUCIND	00001	00000080	3769	
LUCINTLK	00001	00000020	3704	
LUCIPFL	00001	00000004	3707	
LUCIRID	00001	000018	3749	
LUCLEN	00001	00000040	3821	
LUCLF1	00001	00000B	3703	
LUCLF2	00001	00000C	3711	
LUCLF3	00001	000024	3766	
LUCLOCK	00002	00001E	3762	
LUCLOG	00001	00000008	3737	
LUCMF1	00001	000014	3732	
LUCMF2	00001	000015	3742	
LUCNAME	00005	000000	3699	
LUCNOQOT	00001	00000080	3743	
LUCNXTMA	00003	00002D	3778	
LUCODNC	00001	000019	3750	
LUCORGDN	00001	00000080	3754	
LUCQEMPT	00001	00000008	3706	
LUCQFLSH	00001	00000008	3758	
LUCQF1	00001	00001B	3753	
LUCQM	00003	000021	3764	
LUCQRSCH	00001	00000040	3755	
LUCQSKIP	00001	00000020	3756	
LUCQSYSQ	00001	00000010	3757	
LUCRESTA	00001	00000002	3739	
LUCRESTI	00001	00000001	3740	
LUCRID	00001	00000D	3715	
LUCRLRSP	00001	00000080	3733	
LUCSCTOF	00002	00001C	3760	
LUCSEGLK	00001	00000010	3736	
LUCWQE	00004	000010	3718	
LUC6PCNT	00001	000034	3810	
LUC6PHI	00001	000035	3812	
LUC6SCNT	00001	000036	3813	
LUC6SHI	00001	000037	3815	
LUC62IN	00001	00000001	3709	
LU62MLEN	00001	00000062	8507	
LVB	00001	00000000	3946	3961
LVBHLT	00004	00002C	3958	
LVBINQ	00004	000008	3949	
LVBLEN	00001	00000038	3961	
LVBLGN	00004	000024	3956	
LVBLUS	00004	000000	3947	
LVBOTQ	00004	00000C	3950	
LVBOTS	00004	00001C	3954	
LVBREC	00004	000004	3948	
LVBSAB	00004	000010	3951	
LVBSCP	00004	000034	3960	
LVBSER	00004	000014	3952	
LVBSGL	00004	000030	3959	
LVBSHD	00004	000028	3957	

ASM H V 02 15.46 09/01/98

```
SYMBOL    LEN    VALUE  DEFN  REFERENCES
LVBSNR    00004    000018 3953
LVBSQR    00004    000020 3955
L3270HAF  00002    0000C8 3315
MACLISTS  00004    0000A8 1268
MACLWRD1  00004    00016C 1283
MAINADR   00004    000068 3299
MAP       00001 00000000 7218  7242
MAPDSTLN  00001 00000012 7242
MAPDSTSZ  00002    00000E 7230
MAPGMODE  00001    000026 7488
MAPGNAME  00007    00001F 7487
MAPGPCMD  00001    000010 7212
MAPGPCTL  00001    00000B 7200
MAPGPDLN  00001 0000000E 7205
MAPGPELN  00001 00000004 7214
MAPGPEXP  00001 00000040 7204
MAPGPEXT  00001    00000E 7209  7214
MAPGPFLG  00001    00000A 7196
MAPGPLEN  00002    000000 7194
MAPGPN    00001 00000000 7635
MAPGPNAM  00008    000002 7195
MAPGPNML  00001    00000D 7202
MAPGPNTR  00001    00000C 7201
MAPGPPCL  00001    00000F 7211
MAPGPPRW  00001    00000E 7210
MAPGPR    00001 00000000 7645
MAPGPSUF  00001 00000080 7203
MAPGROUP  00001 00000000 7192  7205
MAPJHDR   00001 00000080 7235
MAPJLFT   00001 00000001 7232
MAPJRGT   00001 00000002 7233
MAPJTRL   00001 00000040 7236
MAPJUST   00001    000010 7231
MAPN      00001 00000000 7655
MAPNAME   00008    000002 7221
MAPNAME   00001 00000000 7538  ****DUPLICATE****
MAPNCOLS  00001    00000B 7224
MAPNROWS  00001    00000A 7223
MAPOFFST  00002    000000 7220
MAPR      00001 00000000 7662
MAPSFLEN  00002    00003A 7525
MAPSIZE   00002    00000A 7222
MAPSTART  00002    00000C 7225
MAPSTCOL  00001    00000D 7227
MAPSTROW  00001    00000C 7226
MAPUHEAD  00001 00000002 7239
MAPUNORM  00001 00000001 7238
MAPUSAGE  00001    000011 7237
MAPUTRLR  00001 00000004 7240
MAPZONE   00001 00000020 7234
MARKFLG   00001 00000008 1316
MAXFILES  00001 00000014 1615  1617 1786
MAXFLDS   00002    00003C 7528
MCB       00001 00000000 7065  7125 7127
MCB       00001 00000000 7580  ****DUPLICATE****
```

SYMBOL	LEN	VALUE	DEFN	REFERENCES
MCBAROW	00001	000006	7082	
MCBCMD	00001	000012	7106	
MCBCMDPR	00001	00000040	7085	
MCBCURBK	00003	00000D	7100	
MCBCURBN	00001	00000C	7099	
MCBCURNF	00004	00000C	7098	
MCBCURPG	00004	000008	7096	
MCBCURSR	00002	000014	7108	
MCBDEVT	00001	00002B	7121	
MCBEPAGE	00002	000012	7103	7105
MCBHDCPY	00001	00000001	7094	
MCBINFRW	00001	00000002	7092	
MCBKEYSZ	00001	00000014	7118	
MCBKPAGE	00002	000026	7115	
MCBMAPGP	00008	00001B	7113	
MCBMPDAT	00001	00000008	7089	
MCBMSN	00003	000023	7114	
MCBNCOL	00001	000002	7072	
MCBNFBNM	00002	000028	7116	
MCBNPAGE	00002	000010	7102	
MCBNROW	00001	000000	7070	
MCBNSRC	00004	000000	7069	
MCBOFLGS	00001	000007	7083	
MCBPAGSZ	00002	000004	7079	
MCBPCOL	00001	000005	7081	
MCBPFSER	00001	00000010	7088	
MCBPINFO	00001	00000004	7077	
MCBPOFLW	00001	00000080	7084	
MCBPROW	00001	000004	7080	
MCBSCOL	00001	000003	7073	
MCBSFKEY	00001	00000016	7110	7118
MCBSIZE	00001	00000030	7127	
MCBSROW	00001	000001	7071	
MCBSTRDV	00001	00000004	7090	
MCBTID	00005	000016	7112	
MCBTRADJ	00001	00000020	7086	
MCBVERB	00004	00002C	7123	
MCBWCC	00001	00002A	7120	
MCTCADDR	00004	000000	6591	6596
MCTCB	00004	00000C	6511	
MCTCCHAN	00004	000000	6583	
MCTCHANS	00002	000010	6512	
MCTCHDR	00004	000000	6582	6585
MCTCHDRL	00001	00000004	6585	
MCTCLEN	00002	000004	6592	
MCTCLOSE	00001	00000008	6549	
MCTCLTH	00001	00000008	6596	
MCTCRCB	00004	000014	6514	
MCTCSA	00001	00000000	6578	6590
MCTCT#	00001	000006	6593	
MCTDSECT	00001	00000000	6508	
MCTECBCN	00004	00001C	6519	6557
MCTECBST	00004	000020	6520	
MCTECB1	00004	000024	6525	
MCTECB2	00004	000028	6526	

SYMBOL	LEN	VALUE	DEFN	REFERENCES
MCTECB3	00004	00002C	6531	
MCTECB4	00004	000030	6532	
MCTECB5	00004	000034	6536	
MCTECB6	00004	000038	6537	
MCTECB7	00004	00003C	6541	
MCTECB8	00004	000040	6542	
MCTLGCHN	00002	000012	6513	
MCTMAXCH	00001	00000005	6557	
MCTNEXT	00004	000000	6509	
MCTOOFF	00002	00004E	6567	
MCTQOFF	00002	00004C	6566	
MCTRC04	00001	00000004	6552	
MCTRC08	00001	00000008	6553	
MCTRC12	00001	0000000C	6554	
MCTRC16	00001	00000010	6555	
MCTRETRY	00001	00000004	6550	
MCTRGNID	00008	000004	6510	
MCTRSTRT	00001	00000004	6548	
MCTSTART	00001	00000000	6547	
MDCAEA	00004	000004	7148	
MDCAEAL	00002	000002	7147	
MDCAID	00001	000025	7175	
MDCAREA	00004	000000	7134	7187
MDCAREAD	00001	00000000	7129	
MDCBUFSZ	00002	000030	7185	
MDCCMD	00001	000028	7178	
MDCCREL	00001	00000001	7144	
MDCCURS	00002	000026	7176	
MDCDDMA	00004	00000C	7161	
MDCDESCA	00004	000010	7162	
MDCDEVCA	00004	000018	7164	
MDCDEVT	00001	000024	7172	
MDCLEN	00001	00000034	7187	
MDCMIN	00001	00000001	7136	
MDCMODE	00001	000000	7135	
MDCMOUT	00001	00000002	7137	
MDCMPADR	00004	00001C	7165	
MDCNCOLS	00001	000009	7156	
MDCNFC	00004	000020	7167	
MDCNROWS	00001	000008	7155	
MDCOONLY	00001	00000040	7142	
MDCOPT	00001	000001	7139	
MDCROWNO	00002	00002E	7183	
MDCSEGMT	00001	00000080	7140	
MDCSIZE	00002	000008	7154	
MDCSTAAD	00004	000014	7163	
MDCSTART	00002	00000A	7157	
MDCSTCOL	00001	00000B	7159	
MDCSTDEV	00001	000000E7	7173	
MDCSTROW	00001	00000A	7158	
MDCVERB	00004	00002A	7181	
MDCWCC	00001	000029	7179	
MDCWREL	00001	00000002	7145	
MGNMODE	00001	00000D	7641	
MGNMODEL	00002	00000A	7639	

```
MGNMODET 00001    00000C 7640
MGNNAME  00007    000003 7638
MGNNAMEL 00002    000000 7636
MGNNAMET 00001    000002 7637
MGRMODE  00001    00000D 7651
MGRMODEL 00002    00000A 7649
MGRMODET 00001    00000C 7650
MGRNAME  00007    000003 7648
MGRNAMEL 00002    000000 7646
MGRNAMET 00001    000002 7647
MMENREV  00001    000007 7786
MMENREVL 00002    000004 7784
MMENREVT 00001    000006 7785
MMMRMPS  00001    000003 7783
MMMRMPSL 00002    000000 7781
MMMRMPST 00001    000002 7782
MMUDDBEG 00004    000040 7047
MMUDDMAD 00004    000040 7052
MMUDDQDD 00008    000010 7024
MMUDEFDL 00003    000018 7025
MMUDEFFE 00001    00001A 7028
MMUDEFFS 00001    000019 7027
MMUDEFSP 00001    000018 7026
MMUDESCA 00004    000044 7053
MMUDEVCH 00023    000028 7041
MMUDEVNO 00001 00000017 7039  7041
MMUEDVTB 00004    00001C 7030
MMUEDVTR 00004    000048 7059
MMUFLDTM 00001    00001B 7029
MMUMAXCL 00002    000022 7033
MMUMAXRW 00002    000020 7031
MMUPGDD  00008    000008 7023
MMUSFDD  00008    000000 7022
MMUSTAT  00004    0000E4 7583
MMUTABLE 00001 00000000 7018
MMU256   00256    00009C 7416
MNNAME   00008    000003 7658
MNNAMEL  00002    000000 7656
MNNAMET  00001    000002 7657
MOA      00001 00000002 3054
MOB      00001 00000001 3053
MOREGPS  00001 00000000 7790
MOREMAPS 00001 00000000 7780
MORGPS   00001    000003 7793
MORGPSL  00002    000000 7791
MORGPST  00001    000002 7792
MPWDSECT 00001 00000000 6744  6751 6755 6762
MPWHDLEN 00001 00000002 6751
MPWLNGTH 00001 0000000A 6762
MPWNUM   00001    000000 6748
MPWPASLN 00001 00000008 6761
MPWPASSW 00008    000000 6757  6761
MPWRGNUM 00001    000008 6758  6761
MRNAME   00008    000003 7665
MRNAMEL  00002    000000 7663
```

```
MRNAMET  00001    000002 7664
MRWORD1  00004    00006C 1264
MRWORD2  00004    000070 1265
MSGADDR  00004    000058 3289
MSGADDR  00001 00000000 7581  ****DUPLICATE****
MSGCCALL 00004    000064 1262  1263
MSGCFILE 00004    000078 1267
MSGCSTAT 00004    000148 1269
MSGHADDR 00003    000024 1188
MSGHBKID 00008    000017 1216
MSGHBLK  00001    000028 1200
MSGHBMN  00003    000020 1182
MSGHCFLA 00001 00000020 1168
MSGHCN12 00001 0000000D 1177
MSGHCONV 00001 000000C3 1198
MSGHCP12 00001 00000009 1175
MSGHCP3  00001 0000000A 1178
MSGHDAT  00006    000009 1136
MSGHDAY  00003    00000C 1139
MSGHDD   00008    00001F 1217
MSGHDR   00001 00000000 1120
MSGHEND  00001 0000002A 1224  1225
MSGHFEVR 00001 00000008 1171
MSGHFFVM 00001 00000067 1202
MSGHFLGS 00002    00001C 1148
MSGHFLG1 00001    00001C 1149
MSGHFLG2 00001    00001D 1162
MSGHFMHI 00001 00000010 1169
MSGHFNF3 00001 00000002 1159
MSGHFRLS 00001 00000001 1160
MSGHFRSP 00001 000000C0 1154
MSGHFSDR 00001 00000080 1150  1154
MSGHFSEB 00001 00000008 1157
MSGHFSER 00001 00000040 1151  1154
MSGHFSR1 00001 00000020 1155
MSGHFSR2 00001 00000010 1156
MSGHFTRM 00001 00000080 1163
MSGHKEYL 00001    000008 1212
MSGHLEN  00002    000000 1130  1205 1225
MSGHLNTH 00001 0000002A 1225  8478 8484 8485 8491 8507
MSGHLOG  00001    000027 1189
MSGHLU6C 00001 000000D3 1199
MSGHLU6R 00001 00000002 1173
MSGHMACR 00001    000028 1221
MSGHMMN  00003    000006 1135
MSGHMRDX 00001    000028 1196
MSGHNCON 00001 00000004 1158
MSGHPID  00005    00001E 1180  1181
MSGHPMN  00001 00000023 1184
MSGHQPR  00001    000002 1131
MSGHRBUF 00002    000004 1209
MSGHRETN 00001    000028 1197
MSGHRQND 00001 000000A1 1195
MSGHRQST 00001 000000A0 1194
MSGHRSC  00001    000004 1133
```

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

```
MSGHRSCH 00001    000003 1132
MSGHR129 00001 00000010 1170
MSGHSRST 00001 00000040 1165
MSGHSSC  00001    000005 1134
MSGHSSCH 00001    000023 1185
MSGHSYSQ 00001 00000020 1166
MSGHTHRD 00001    00000B 1138
MSGHTID  00005    000017 1147
MSGHTIM  00008    00000F 1140  1141 1146 1146
MSGHTXTL 00002    000006 1211
MSGHUSR  00001    000024 1186  1187
MSGHVBA  00003    000010 1145
MSGHVFLG 00001    00000F 1143
MSGHVFND 00001 00000080 1144
MSGHVMI  00001    000029 1201
MSGHXFIL 00001 0000008F 1192
MSGHYR   00002    000009 1137
MSGQWRK  00001 00000000 1254  1300
NCA      00001 000000F4 8029
NEWNUDEF 00001    00002C 7506
NEXTBUFR 00004    0000C8 3316  3321
NFBHDL   00001 0000000C 7377
NFDATLNT 00002    00000A 7375
NFDSECT  00001 00000000 7370  7377
NFE      00001 00000000 7381  7402 7406
NFEADDR  00003    000009 7405
NFEATRL  00001 00000010 7390
NFEATTRB 00001    000005 7395
NFECBLAN 00001 00000004 7392
NFED     00001    000009 7404
NFEDTOLY 00001 00000008 7391
NFEFG    00001    000004 7384
NFEHDL   00001 00000009 7402
NFEINDR  00001 00000080 7385
NFEINL   00001 0000000C 7406
NFELGCTL 00001 00000002 7393
NFELN    00002    000000 7382
NFENFBLK 00001    000006 7398
NFENFOFF 00002    000007 7400
NFENFROW 00003    000006 7397
NFENTCNT 00002    000008 7374
NFERINDX 00001 00000040 7386
NFERLPOS 00002    000002 7383
NFESTART 00001    00000C 7379
NFESTRSG 00001 00000020 7387
NFNXTBLK 00004    000000 7371
NFSIZBLK 00002    000004 7372
NFUSEBLK 00002    000006 7373
NNALDEF  00001    000007 7743
NNALDEFL 00002    000004 7741
NNALDEFT 00001    000006 7742
NNENREV  00001    00000B 7746
NNENREVL 00002    000008 7744
NNENREVT 00001    00000A 7745
NNNWDEF  00001    000003 7740
```

ASM H V 02 15.46 09/01/98

SYMBOL	LEN	VALUE	DEFN	REFERENCES
NNNWDEFL	00002	000000	7738	
NNNWDEFT	00001	000002	7739	
NORMKEY	00001	000028	7492	
NOTRAFF	00001	00000020	1294	
NQENQSW	00001	00000080	1496	
NQSW1	00001	00006E	1495	
NQTMEOUT	00001	00000040	1497	
NRALDEF	00001	000007	7756	
NRALDEFL	00002	000004	7754	
NRALDEFT	00001	000006	7755	
NRF	00001	000000F2	8027	
NRNWDEF	00001	000003	7753	
NRNWDEFL	00002	000000	7751	
NRNWDEFT	00001	000002	7752	
NUMDEF	00001	00002C	7507	
NUMTYPEN	00001	00000000	7737	
NUMTYPER	00001	00000000	7750	
OLASTFLD	00002	00003E	7529	
OLUBOK	00001	00000004	8459	
OUTDDNM	00008	000017	7484	
OUTMODE	00001	00000002	7198	7199
OUTQACQ	00001	00000008	3928	
OUTTERM	00004	000074	3329	
PAGCRSP	00002	000006	7820	
PAGDSECT	00001	00000000	7814	
PAGEAREA	00004	0000E0	7582	
PAGFLG	00001	000005	7819	
PAGLEN	00001	00000018	7829	
PAGMCNT	00004	000010	7825	
PAGMMN	00004	00000C	7824	
PAGRCNT	00002	00000A	7822	
PAGRRSP	00002	000008	7821	
PAGTID	00005	000000	7818	7829
PAGXXX	00004	000014	7827	
PARMAREA	00004	00007C	1543	
PARMCANC	00001	00000040	1483	
PARMCHNG	00001	00000010	1485	
PARMCT	00001	00008D	1557	
PARMDDN	00004	00000C	8313	
PARMDDNM	00004	000074	1541	
PARMFDBK	00004	000088	1546	
PARMLEN	00001	00000018	1547	
PARMLIST	00004	000074	1540	1547
PARMNQCH	00001	00000004	1487	
PARMOPT	00001	00004E	1481	
PARMQIO	00004	000008	8311	
PARMQLB	00004	000000	8307	
PARMQSW	00004	000004	8308	
PARMRBLK	00004	000084	1545	
PARMRBN	00004	00000C	8312	
PARMRKEY	00004	000080	1544	
PARMRLEN	00001	00000002	1488	
PARMSECT	00001	00000000	8306	
PARMSHR	00001	00004F	1489	
PARMSHRE	00001	00000008	1486	

SYMBOL	LEN	VALUE	DEFN	REFERENCES
PARMSIZ	00004	000008	8309	
PARMSSC	00004	000008	8310	
PARMSTAT	00004	000078	1542	
PARMSYS	00001	00000080	1482	
PARMTEST	00001	00000020	1484	
PARMTIME	00002	00004C	1480	
PARMO	00004	00004C	1479	
PERMOLAY	00001	0000002C	7504	7511
PEXALTCL	00001	00000080	3153	
PEXBFMSG	00004	000010	3165	
PEXBKMSG	00001	00000020	3156	
PEXCLIST	00001	000000	3147	
PEXCONV	00001	00000040	3154	
PEXEROR	00001	00000002	3159	
PEXFLUSH	00001	00000001	3160	
PEXFRST	00001	00000008	3157	
PEXID	00001	000001	3149	
PEXIDLEN	00001	000002	3151	
PEXINTVL	00002	000006	3162	
PEXLAST	00001	00000004	3158	
PEXLINE	00004	00000C	3164	
PEXLKIND	00002	000004	3161	
PEXPNUM	00001	000002	3150	
PEXPOFF	00001	000001	3148	
PEXRDPRI	00001	00000020	3155	3156
PEXSW	00001	000003	3152	
PEXTABLE	00001	00000000	3145	
PEXWQEAD	00004	000008	3163	
PHONELEN	00002	000094	3332	
PIOE	00001	000000F1	8026	
PLNACT	00001	00000080	2973	
PLNANLST	00004	000044	3008	
PLNAUTO	00001	00000001	2981	
PLNBSC	00001	00000080	2987	
PLNBSCDL	00001	00000080	2951	
PLNBSCLS	00001	00000040	2953	
PLNBSDSP	00001	00000020	2954	
PLNCARD	00001	00000004	2996	
PLNCNMSG	00004	00000038	3009	
PLNCNTL	00001	00000040	2986	
PLNDATOP	00001	00000080	2952	
PLNDIAL	00001	00000020	2985	
PLNDIALS	00001	000030	3002	
PLNDIAL2	00001	00000004	2957	
PLNDILTB	00004	000038	3005	3009
PLNDT100	00001	00000010	2994	
PLNECB	00004	00004C	2963	
PLNENQ	00001	00000002	2997	
PLNENT	00001	00000010	2983	
PLNERCNT	00004	0000003C	2949	
PLNGFE	00001	00000008	2956	
PLNGFEVT	00004	000044	2960	
PLNGFSEG	00001	00000002	2958	
PLNGTRVI	00001	00000010	2955	
PLNIDX	00004	000034	2945	

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

SYMBOL	LEN	VALUE	DEFN	REFERENCES
PLNLTH	00001	00000058	3013	
PLNMP	00001	00000001	2979	
PLNNFLSH	00001	00000008	2995	
PLNNOETX	00001	00000004	2968	
PLNNUMAC	00001	000054	2988	
PLNPOLL	00004	000030	2944	3001
PLNPOLTM	00004	000040	2959	3006
PLNRD	00001	00000040	2974	
PLNRDADR	00004	000038	2947	3004
PLNRDFRT	00001	00000040	2992	
PLNRDFST	00001	00000080	2991	
PLNRDW	00001	00000004	2977	
PLNRONLY	00001	00000002	2967	
PLNRST	00001	00000020	2975	
PLNRVI	00001	00000001	2998	
PLNSEGMG	00001	00000004	2970	
PLNSTCMD	00001	000057	2999	
PLNSTUP	00001	00000008	2969	
PLNSW	00001	000052	2972	
PLNSW2	00001	000053	2980	
PLNSW3	00001	000056	2990	
PLNSW4	00001	000040	2950	
PLNSW5	00001	000051	2965	
PLNTCINT	00004	000040	3007	
PLNTCNT	00001	000055	2989	
PLNTERM	00004	000030	3003	
PLNTIN4	00004	000048	2962	
PLNTMWR	00004	000044	2961	
PLNTRACE	00001	00000080	2971	
PLNTRTB	00004	000034	2946	
PLNTRUNC	00001	00000002	2982	
PLNVIPIO	00001	00000001	2966	
PLNWRITE	00001	00000004	2984	
PLNWRP	00001	00000002	2978	
PLNWRP1	00001	00000020	2993	
PLNWRT	00001	00000010	2976	
PLN77WRO	00001	00000001	3010	
PNAMESN	00001	00000000	7692	
PNAMESR	00001	00000000	7706	
POOLACC	00001	00000000	1450	1458
POOLACLN	00001	00000018	1458	
POOLALLO	00004	000010	1456	
POOLCHN	00002	000000	1451	
POOLFAIL	00004	00000C	1455	
POOLFREE	00004	000014	1457	
POOLLEN	00002	000002	1452	
POOLNUM	00004	000004	1453	
POOLREQ	00004	000008	1454	
PREVCODE	00001	000029	7493	
PRTY	00004	00000058	1260	
PTRACALL	00001	00000040	3125	
PTRACT	00001	00000040	3099	
PTRADCH	00002	00001E	3094	3122
PTRALERT	00001	00000002	3078	
PTRALT	00005	000005	3041	

ASM H V 02 15.46 09/01/98

SYMBOL	LEN	VALUE	DEFN	REFERENCES
PTRANSR	00001	00000020	3126	
PTRASYNC	00001	00000080	3072	
PTRAUTUP	00001	00000010	3047	
PTRBFALL	00001	00000004	3077	
PTRBFMSG	00004	000010	3068	3120
PTRBKFR	00001	00000010	3056	
PTRBKMSG	00001	00000010	3128	
PTRBSCDL	00001	00001F	3134	
PTRBUFMD	00001	00000010	3127	3128
PTRCNTL	00001	00000080	3098	
PTRCONN	00001	00000008	3129	
PTRCONV	00001	00000001	3105	3106
PTRCRT	00001	00000004	3103	
PTRCTWT	00001	00001D	3093	
PTRDEV	00001	000027	3115	
PTRDIAL	00001	00000040	3136	
PTRDILSW	00001	00001E	3123	
PTRDQFST	00001	00000001	3089	
PTRDROP	00001	00000010	3066	
PTRDSECT	00001	00000000	3039	3142
PTRDSPCH	00001	00000001	3133	
PTRDSPLY	00001	00000002	3104	
PTRECB	00004	000014	3069	3070
PTREOF	00001	00000002	3088	
PTREOT	00001	00000002	3131	
PTREXADR	00004	000010	3121	
PTRFCONV	00001	00000040	3062	
PTRFLALL	00001	00000040	3045	
PTRFLONE	00001	00000020	3046	
PTRGTWAK	00001	00000010	3138	
PTRINTLK	00001	00000040	3082	
PTRINTVL	00001	00000004	3130	
PTRIPFLH	00001	00000008	3086	
PTRLAST	00001	00000010	3055	3066
PTRLKIND	00002	00002A	3117	
PTRLKVRB	00004	00002C	3118	
PTRLOCK	00001	00000008	3057	
PTRLOG	00001	00000004	3049	
PTRLTMSG	00002	00001A	3091	
PTRLUC	00001	00000080	3110	
PTRMLTH	00001	00000030	3142	
PTRMNREQ	00001	00000010	3101	3107
PTRMUX	00001	00000040	3063	
PTRNAME	00005	000000	3040	
PTRNLGF3	00001	00000001	3079	
PTRONEQ	00001	00000080	3044	
PTRORGDN	00001	00000008	3076	
PTRPLCH	00002	000021	3096	
PTRPOLL	00001	00000004	3064	
PTRPRIOR	00001	00000004	3087	
PTRPRMG	00001	00000001	3106	
PTRPRMSG	00004	00000018	3070	
PTRQEMPT	00001	00000020	3074	
PTRQNUM	00002	000028	3116	
PTRQUE	00004	00000C	3052	

SYMBOL	LEN	VALUE	DEFN	REFERENCES
PTRRDFRT	00001	00000080	3061	
PTRRDFST	00001	00000008	3139	
PTRREADF	00001	00000040	3073	
PTRRESTA	00001	00000001	3051	
PTRRESTR	00001	00000002	3050	
PTRRID	00001	00001C	3092	
PTRRVI	00001	00000080	3135	
PTRSEG	00001	00000010	3075	
PTRSEGLK	00001	00000080	3081	
PTRSEL	00001	00000020	3067	
PTRSKIP	00001	00000010	3107	
PTRSPLN	00001	00000008	3102	
PTRSW	00001	000023	3097	
PTRSW2	00001	00000B	3043	
PTRSW3	00001	000018	3071	
PTRSW4	00001	000019	3080	
PTRSW5	00001	000024	3108	
PTRTRY	00001	00000080	3124	
PTRUNV	00001	00000010	3058	
PTRUPDIS	00001	00000008	3048	
PTRWDBLK	00001	00000001	3132	
PTRWRERR	00001	000026	3114	
PTRWRP	00001	00000020	3100	
PTRWTPDE	00001	00000010	3085	
PTR1TURN	00001	00000020	3137	
PTR129WR	00001	00000020	3083	
PTR41CON	00001	00000080	3060	3061
PVBAPPL	00008	00000C	2452	
PVBAPPLX	00001	00000A	2447	
PVBAUTOL	00001	00000001	2442	
PVBDSPL	00001	000007	2443	
PVBDUMY	00001	00000080	2449	
PVBEDBQ	00001	00000020	2437	
PVBEDIT	00001	00000080	2435	
PVBHDR	00001	00000040	2436	
PVBHPRTY	00001	00000010	2438	
PVBLOCKE	00001	00000008	2439	
PVBLTH	00001	0000000C	2450	
PVBNOAID	00001	00000002	2441	
PVBPRTY	00001	000006	2433	
PVBRLSEN	00001	00000004	2440	
PVBSECUR	00001	00000002	2445	
PVBSS	00002	000004	2431	
PVBSWCH	00001	000006	2434	
PVBSWCH2	00001	00000B	2448	
PVBVERB	00004	000000	2430	
PVBWAIT	00002	000008	2446	
PVRBTBLE	00001	00000000	2429	2450
QCBBLKNG	00001	00000080	8236	
QCBBLOKS	00002	00001E	8216	
QCBCFDDQ	00004	000084	8249	
QCBDATA	00001	00000010	8212	
QCBDDNAM	00008	000010	8213	
QCBDDQID	00001	00000004	8241	
QCBDSECT	00001	00000000	8209	8252

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

```
QCBEXTRD 00002   00006A 8223
QCBEXTS  00004   000020 8217
QCBEXTUP 00002   000068 8222
QCBEXTWR 00002   00006C 8224
QCBFEDBK 00001 00000008 8247
QCBHASCH 00001 00000040 8244
QCBHDBSZ 00002   00007A 8231
QCBKEY   00001 00000000 8210
QCBLEN   00001 00000088 8252
QCBMAXEX 00001 00000010 8219
QCBMAXSZ 00002   00007E 8233
QCBNEWEX 00001 00000001 8218
QCBNQDON 00001 00000010 8246
QCBNUMEX 00002   00001C 8215
QCBOPEN  00001 00000080 8243
QCBOPTS  00001   000081 8235
QCBPERM  00001 00000020 8238
QCBQCFRB 00004   000018 8214
QCBQID   00016   000000 8211
QCBQOWND 00001 00000020 8245
QCBRBNHD 00002   000074 8228
QCBRBNRD 00002   000070 8226
QCBRBNUP 00002   00006E 8225
QCBRBNWR 00002   000072 8227
QCBRDBSZ 00002   000078 8230
QCBRDBUF 00004   000060 8220
QCBRDONY 00001 00000004 8248
QCBRELNO 00001   000080 8234
QCBSEMI  00001 00000010 8239
QCBSNGLE 00001 00000040 8237
QCBSW    00001   000082 8242
QCBTRANS 00001 00000008 8240
QCBUPLEN 00002   00007C 8232
QCBWRBSZ 00002   000076 8229
QCBWRBUF 00004   000064 8221
QDSCT    00004   000048 1527
QISOPEN  00001 00000080 8453
QLBDSECT 00001 00000000 8338  8343
QLBLEN   00001 00000030 8343
QLBQCBAD 00004   000010 8340
QLBQID   00016   000000 8339
QSAVE    00004   00004C 1528  1567 1568
QSWBLKNG 00001 000000C2 8297
QSWBLKSZ 00002   000002 8295
QSWBYT2  00001   000001 8283
QSWBYT3  00001   000002 8296
QSWBYT4  00001   000003 8298
QSWCLOST 00001 000000E3 8292
QSWDSECT 00001 00000000 8280  8301
QSWFREE  00001 000000C6 8290
QSWHEAD  00001 000000C8 8289
QSWILOCK 00001 000000E7 8282
QSWLEN   00001 00000004 8301
QSWLREAD 00001 000000D3 8293
QSWMESG  00001 000000D4 8288
```

SYMBOL	LEN	VALUE	DEFN	REFERENCES
QSWPASS	00001	000000D7	8291	
QSWPERM	00001	000000D7	8287	
QSWQID	00001	000000D8	8299	
QSWRDONY	00001	000000D9	8294	
QSWRETCD	00001	000000	8281	
QSWSEMI	00001	000000E2	8286	
QSWSNGLE	00001	000000E5	8285	
QSWTRANS	00001	000000E3	8284	
RBNSAV	00004	00015C	1274	
RBNUSE	00004	000158	1273	
RCB	00001	00000000	1325	1352
RCBADD	00004	00000C	1349	
RCBCONWD	00002	000004	1330	
RCBCORE	00001	00000010	1338	
RCBDDQ	00001	00000040	1334	
RCBDYNL	00001	00000080	1333	
RCBENTL	00001	00000014	1352	
RCBFILE	00001	00000004	1340	
RCBFLGS	00001	000006	1332	
RCBFREE	00002	000002	1394	
RCBIDSCT	00004	00000008	1346	
RCBLEN	00004	000008	1345	1346 1347 1348
RCBLINK	00004	000010	1350	
RCBNQ	00001	00000002	1341	
RCBNQCHN	00004	00000008	1347	
RCBPART	00001	00000020	1335	
RCBPOOL	00001	00000001	1342	
RCBPRED	00002	000002	1328	
RCBPTR	00002	000000	1326	
RCBQLBAD	00004	00000008	1348	
RCBSAVE	00002	00006C	1494	
RCBSP	00001	000007	1343	
RCBSYSNQ	00001	00000008	1339	
RCBTHRED	00001	000007	1344	
RCB1	00001	00000804	1396	
RCD	00001	000185	1287	
RCRSAREA	00004	000120	1583	
RCRSDDNM	00004	000118	1580	
RCRSDSCT	00004	000118	1581	
RCRSFHCW	00004	00011C	1582	
RCRSLSTL	00001	0000000C	1584	
RCRSVLST	00004	000118	1579	1584
RCRVNUM	00001	000003	7807	
RCRVNUML	00002	000000	7805	
RCRVNUMT	00001	000002	7806	
RCSTUP	00001	0000009F	1193	
RCTALTBF	00001	00000020	7918	
RCTBGPOS	00001	00000C	7941	
RCTBITS	00001	000005	7912	
RCTDATA	00001	0000000F	7948	
RCTDSECT	00001	00000000	7905	
RCTDTALN	00001	00000E	7947	
RCTERASE	00001	00000080	7916	
RCTHDSZ	00001	00000008	7920	
RCTICNO	00001	00000B	7940	7945

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

```
RCTICSZ1 00001 00000003 7945
RCTLNNO  00001    000008 7924  7936
RCTLNSZ  00001 00000003 7936
RCTNBDYL 00001 000000F3 7930
RCTNDPOS 00001    00000D 7943
RCTNOIC  00001    00000A 7935
RCTNOLN  00001    000004 7910
RCTOFFST 00002    000002 7909
RCTPRTFF 00001 000000F2 7929
RCTPRTN  00001 000000F6 7933
RCTREPT  00001    000009 7925
RCTREPTV 00001 000000F1 7928
RCTRPMSK 00002    000006 7919
RCTRPRFF 00001 000000F4 7931
RCTRPTNO 00002    000000 7908  7920
RCTRPT8  00001 000000F8 7934
RCTSUPHD 00001 000000F5 7932
RCT3270  00001 00000040 7917
RCZONE   00001 00000090 1191  1193
REPCONUM 00002    000000 7974  7976
REPDETSZ 00001 00000007 7981
REPHDSZ  00001 00000004 7976
REPOFFST 00002    000002 7975
REPRPTNM 00002    000004 7979  7981
REPTABLE 00001 00000000 7970
REPTERM  00005    000006 7980
REQBFBIT 00001 00000008 3306
RESLENG  00001    000050 1490
RESRC    00001 00000000 1984  1988
RESRCCCU 00001    000011 1987
RESRCID  00016    000000 1985
RESRCLEN 00001 00000012 1988
RESRCMCU 00001    000010 1986
RESRCNQ  00001 00000001 1971
RETRY    00001 00000004 1297
RETRYLIM 00001    0000DC 3375
REVCON   00001 00000000 7804
REVSEL   00001 00000000 7797
RGMASK   00001 0000007F 8023
RGNACT   00001 00000080 6629
RGNCSL   00002    000010 6649
RGNDCC   00004    000014 6651
RGNDQACT 00001 00000040 6639
RGNDSECT 00001 00000000 6606  6622 6626 6664
RGNENQD  00001 00000001 6645
RGNEXQ   00001 00000010 6632
RGNEXQCB 00004    00004C 6657
RGNFLUSH 00001 00000080 6638
RGNHDLEN 00001 0000002C 6622
RGNID    00008    000004 6647
RGNIMCD  00001 00000004 6634
RGNINQ   00001 00000020 6631
RGNINQCB 00004    000048 6656
RGNLNGTH 00001 00000060 6664
RGNLOG   00001 00000040 6630
```

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

```
RGNMCT   00004    000044 6655
RGNMNTCB 00004    00000C 6648
RGNMSGS  00004    00005C 6661
RGNMSI   00004    00001C 6653
RGNMSO   00004    000018 6652
RGNNORGN 00001    000024 6617
RGNNOXRG 00001 00000002 6635
RGNNRCD  00001 00000008 6633
RGNNUMSS 00002    000002 6646
RGNPASSW 00004    000028 6619
RGNPOSTD 00001 00000002 6644
RGNQDDNS 00004    000018 6615
RGNQEXQ  00004    000014 6614
RGNQINQ  00004    000010 6613
RGNRDTNM 00008    00001C 6616
RGNRGECB 00004    000054 6659
RGNRGN   00004    000008 6611
RGNRIPUP 00001 00000008 6642
RGNRSTRT 00001 00000004 6643
RGNSBECB 00004    000058 6660
RGNSDQAC 00001 00000010 6641
RGNSTOP  00001 00000001 6636
RGNSUB   00004    00000C 6612
RGNSUBAD 00004    000050 6658
RGNSUBQS 00001 00000020 6640
RGNSW    00001    000000 6628
RGNSW2   00001    000001 6637
RGNTABID 00008    000000 6610
RLRQREL  00001 00000080 3927
RLSEMLEN 00001 0000003E 8491
RPLAAREA 00004    000054 4729
RPLAARLN 00004    000058 4734
RPLACQRA 00001 00000012 4400
RPLACTIV 00001    00004D 4721
RPLACTV  00001 00000004 4689
RPLADD   00001 00000040 4545
RPLADR   00001 00000040 4544
RPLAIXID 00001    000041 4698
RPLAIXPC 00002    000044 4702
RPLALIGN 00001 00000001 4565
RPLAMODE 00001 00000004 4924
RPLAMOD2 00001 00000080 4875
RPLANS   00001 00000004 5220
RPLAOK   00001 00000000 5091
RPLAPPC  00001 00000004 4911
RPLAPPST 00001 00000008 4786
RPLARCLN 00004    00005C 4736
RPLAREA  00004    000028 4518
RPLARG   00004    00002C 4520
RPLASY   00001 00000008 4536
RPLATND  00001 00000020 4486
RPLATSFI 00001 0000002B 5134
RPLAUTUS 00001 00000020 4921
RPLAXPKP 00001 00000080 4699
RPLBB    00001 00000080 4881
```

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

```
RPLBCKUP 00001 00000020 5024
RPLBID   00001 00000080 4973
RPLBIS   00001 00000001 4981
RPLBLK   00001 00000020 4557
RPLBLKER 00001 00000004 4442
RPLBRANC 00001 00000002 4719
RPLBSCID 00001 00000080 4801
RPLBTHEX 00001 00000009 5224
RPLBUFFL 00001 00000002 5017
RPLBUFL  00004   00003C 4591
RPLBUFTE 00001 0000000F 5109
RPLBWD   00001 00000010 4548
RPLCBERR 00001 00000001 5099
RPLCBLKE 00001 00000004 4443
RPLCCCPY 00001 00000016 5116
RPLCCHAR 00004   00001C 4513
RPLCEB   00001 00000001 4889
RPLCHAIN 00004   000034 4588
RPLCHASE 00001 00000008 4967
RPLCHECK 00001 00000002 4390
RPLCHN   00001   00001A 4903
RPLCHNG  00001 00000019 4408
RPLCHREQ 00001 00000010 4885
RPLCIDE  00001 00000002 4793
RPLCIDNG 00001 00000005 5103
RPLCLACB 00001 00000021 4414
RPLCLEAR 00001 00000040 4984
RPLCLOCC 00001 00000006 5221
RPLCLOSE 00001 0000001F 4413
RPLCLSIP 00001 00000003 5102
RPLCMD   00001 00000020 4883
RPLCMDRT 00001 00000018 4458
RPLCMPON 00001   000016 4481
RPLCNALL 00001 00000080 4640
RPLCNANY 00001 00000040 4644
RPLCNCEL 00001 00000040 4961
RPLCNDCD 00002   000016 4480
RPLCNIMM 00001 00000020 4646
RPLCNTDC 00001   00001E 4972
RPLCNTDF 00001   00001D 4958
RPLCNTRL 00003   00001D 4956
RPLCNTRU 00001 00000008 4828
RPLCNTSC 00001   00001F 4982
RPLCNV   00001 00000020 4547
RPLCNVTA 00001 00000010 4397
RPLCOND  00001 00000010 4629
RPLCONTC 00001 00000001 5019
RPLCOUNT 00001 00000010 4782
RPLCPCNT 00001 0000008A 5184
RPLCPMI  00001 00000040 4749
RPLCPMO  00001 00000040 4861
RPLCPYE1 00001 000000B3 5192
RPLCPYE2 00001 000000B1 5190
RPLCRID  00001 000000FF 4380
RPLCRIRT 00001 0000001C 5122
```

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

```
RPLCRNF  00001 000000A7 5187
RPLCRSDC 00001 0000001F 5125
RPLCSI   00001 00000008 4887
RPLCTA   00001 00000010 4575
RPLCTM   00001 00000008 4578
RPLCTN32 00001 00000026 5129
RPLCTO   00001 00000004 4581
RPLCUERR 00001 00000002 4492
RPLCWB   00001 00000015 5115
RPLCWTOO 00001 00000014 5114
RPLDACB  00004    000020 4516
RPLDAF   00002    00002E 4527
RPLDATA  00001 00000080 4959
RPLDDDD  00004    000048 4704
RPLDEVCH 00001 00000040 4775
RPLDEVDC 00001 00000028 4466
RPLDFASY 00001 00000002 4900
RPLDFIBH 00001 000000B6 5193
RPLDFIPO 00001 000000B7 5195
RPLDIDIL 00001 00000090 5243
RPLDIDOL 00001 00000080 5242
RPLDIR   00001 00000040 4533
RPLDISCO 00001 00000008 5223
RPLDLGFL 00001 00000004 4490
RPLDLGIN 00001 00000080 4594
RPLDO    00001 00000013 4403
RPLDSB   00002    000060 4742
RPLDSB1  00001    000060 4744
RPLDSB2  00001    000061 4755
RPLDSPLY 00001 00000040 4805
RPLDVUNS 00001 00000010 4487
RPLEAU   00001 00000008 4611
RPLEB    00001 00000040 4882
RPLECB   00004    000010 4429  4874
RPLECBIN 00001 00000001 4540
RPLECBSW 00001 00000001 4539
RPLEMLEN 00002    00004E 4725
RPLENDRE 00001 00000004 4391
RPLENDTR 00001 00000080 4567
RPLEOB   00001 00000080 4622
RPLEODS  00001 00000080 4554
RPLEOM   00001 00000040 4624
RPLEOT   00001 00000020 4626
RPLERACE 00001 00000004 4613
RPLERASE 00001 00000005 4385
RPLERLK  00001 00000080 4484
RPLERMSA 00004    000050 4727
RPLERRCD 00001    000017 4496
RPLERREG 00001    000015 4478
RPLESR1  00001    000062 4760
RPLESR2  00001    000063 4762
RPLEWAU3 00001 00000013 5113
RPLEWBLK 00001 0000001E 5124
RPLEWNS  00001 00000012 5112
RPLEX    00001 00000004 4941
```

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

```
RPLEXERR 00001 00000002 5100
RPLEXIT  00001 00000020 4713
RPLEXRQ  00001 00000030 4470
RPLEXRS  00001 00000034 4472
RPLEXSCH 00001 00000080 4709
RPLEXTDS 00001    00004C 4706
RPLEXTD1 00001    00004C 4707
RPLFDBK  00003    000015 4439
RPLFDBK2 00004    000060 4738
RPLFDBWD 00004    000014 4436
RPLFDB2  00001    000016 4483
RPLFDB3  00001    000017 4497
RPLFII   00001 00000010 4752
RPLFIO   00001 00000010 4864
RPLFIRST 00001 00000080 4905
RPLFLD   00001 00000008 4561
RPLFMHDR 00001 00000001 4853
RPLFMT   00001 00000002 4563
RPLFORCE 00001 00000001 4832
RPLFRCIO 00001 0000000A 4396
RPLFRMT  00001 00000006 4564
RPLFUNCD 00001 00000014 4438
RPLGEN   00001 00000002 4538
RPLGET   00001 00000000 4382
RPLHOLD  00001 00000010 4826
RPLIACT  00001 00000000 5248
RPLIBSQ  00001    000049 5058
RPLIBSQV 00002    000046 5037
RPLICNDN 00001 0000002D 5136
RPLID    00001    000008 4367
RPLIDA   00001 00000017 5117
RPLIDD   00001 00000000 4368
RPLIDWD  00001 00000008 4366
RPLIICBE 00001 0000002F 5138
RPLIIGN  00001 00000010 5067
RPLIIINA 00001 0000002C 5135
RPLIINA  00001 00000004 5249
RPLIINV  00001 00000002 5075
RPLILDOA 00001 00000018 5118
RPLILDOP 00001 00000006 5104
RPLILRS  00001 000000A1 5185
RPLILSIN 00001 0000002E 5137
RPLIMPRT 00001 00000007 4393
RPLINA   00001 00000008 5250
RPLINEG  00001 00000004 5072
RPLINQIR 00001 0000001A 4409
RPLINQPS 00001 00000020 5004
RPLINQST 00001 00000004 4791
RPLINTNA 00001 00000031 5140
RPLINTPT 00001 0000001B 4410
RPLINVRM 00001 0000002A 5133
RPLIOERR 00001 00000008 4488
RPLIPOS  00001 00000008 5069
RPLIQUIE 00001 00000010 5253
RPLIREST 00001 00000021 5126
```

SYMBOL	LEN	VALUE	DEFN	REFERENCES
RPLIRSET	00001	00000020	5065	
RPLISET	00001	00000080	5060	
RPLITNA	00001	0000000C	5251	
RPLITST	00001	00000040	5062	
RPLJSFMT	00001	00000007	4386	
RPLJTOJ	00001	00000019	5119	
RPLKEEP	00001	00000040	4837	
RPLKEY	00001	00000080	4543	
RPLKEYL	00002	000018	4510	
RPLKEYLE	00002	000018	4509	4879
RPLKGE	00001	00000004	4537	
RPLLAST	00001	00000020	4907	
RPLLEN	00001	00000B	4425	
RPLLEN2	00001	00000B	4426	
RPLLGCNT	00001	00000088	5183	
RPLLGFRC	00001	00000004	4504	
RPLLIMEX	00001	0000002C	4468	
RPLLMPEO	00001	00000001	5025	
RPLLOC	00001	00000080	4531	
RPLLOCK	00001	00000004	4635	
RPLLOGER	00001	00000008	4445	
RPLLOGIC	00001	00000008	4446	
RPLLOGON	00001	00000080	4773	
RPLLRD	00001	00000008	4549	
RPLLUS	00001	00000020	4976	
RPLMIDLE	00001	00000040	4906	
RPLMKFRM	00001	00000040	4569	
RPLMNTAC	00001	00000011	4398	
RPLMTS	00001	00000004	4830	
RPLM255	00001	0000001A	5120	
RPLNCOND	00001	00000008	4632	
RPLNCPAN	00001	00000002	5218	
RPLNERAS	00001	00000010	4608	
RPLNEXIT	00001	00000040	4711	
RPLNFME	00001	00000002	4946	
RPLNFSYN	00001	00000004	4897	
RPLNGRCC	00001	00000010	4451	
RPLNIB	00001	00000004	4716	
RPLNIBTK	00001	00000010	4841	
RPLNOCIR	00001	00000020	4571	
RPLNODE	00001	00000002	4615	
RPLNOERR	00001	00000000	4441	
RPLNOIN	00001	00000038	4474	
RPLNORD	00001	000000AC	5188	
RPLNPERS	00001	00000040	5003	
RPLNSP	00001	00000001	4552	
RPLNXTRP	00004	000034	4587	
RPLOBSQ	00001	000048	5039	
RPLOBSQV	00002	000044	5034	
RPLOCEO1	00001	00000040	5142	
RPLOCEO2	00001	00000041	5143	
RPLOCEO3	00001	00000042	5144	
RPLOCEO5	00001	00000044	5145	
RPLOCEO7	00001	00000046	5146	
RPLOCEO8	00001	00000047	5147	

SYMBOL	LEN	VALUE	DEFN	REFERENCES
RPLOCE09	00001	00000048	5148	
RPLOCE10	00001	00000049	5149	
RPLOCE11	00001	0000004A	5152	
RPLOCE12	00001	0000004B	5153	
RPLOCE13	00001	0000004C	5154	
RPLOCE14	00001	0000004D	5155	
RPLOCE16	00001	0000004F	5156	
RPLOCE19	00001	00000052	5157	
RPLOCE21	00001	00000054	5158	
RPLOCE22	00001	00000055	5159	
RPLOCE25	00001	00000058	5160	
RPLOCE27	00001	0000005A	5161	
RPLOCE28	00001	0000005B	5162	
RPLOCE29	00001	0000005C	5163	
RPLOCE32	00001	0000005F	5164	
RPLOCE33	00001	00000060	5165	
RPLOCE34	00001	00000061	5168	
RPLOCE35	00001	00000062	5169	
RPLOCE36	00001	00000063	5170	
RPLOCE37	00001	00000064	5171	
RPLOCE39	00001	00000066	5172	
RPLOCSO1	00001	00000001	5230	
RPLOCSO2	00001	00000002	5231	
RPLOCSO3	00001	00000003	5232	
RPLOCSO4	00001	00000004	5233	
RPLOCSO5	00001	00000005	5234	
RPLOCSO6	00001	00000006	5235	
RPLOCSO7	00001	00000007	5236	
RPLOCSO8	00001	00000008	5237	
RPLOCSO9	00001	00000009	5238	
RPLODACP	00001	00000040	4673	
RPLODACQ	00001	00000080	4670	
RPLODPRM	00001	00000020	4676	
RPLOIGN	00001	00000010	5048	
RPLOINV	00001	00000002	5056	
RPLOLIPT	00001	00000030	5139	
RPLOLIPX	00001	000000B0	5189	
RPLONEG	00001	00000004	5053	
RPLONLY	00001	00000010	4908	
RPLOPNDS	00001	00000017	4407	
RPLOPOS	00001	00000008	5050	
RPLOPRES	00001	00000010	5005	
RPLOPTCD	00004	000030	4529	
RPLOPTC2	00004	000040	4592	4696
RPLOPTC3	00004	000068	4771	
RPLOPT1	00001	000030	4530	
RPLOPT10	00001	000069	4800	
RPLOPT11	00001	00006A	4814	
RPLOPT12	00001	00006B	4833	
RPLOPT2	00001	000031	4542	
RPLOPT3	00001	000032	4553	
RPLOPT4	00001	000033	4566	4999
RPLOPT5	00001	000040	4593	5009
RPLOPT6	00001	000041	4621	5014
RPLOPT7	00001	000042	4639	5021

ASM H V 02 15.46 09/01/98

SYMBOL	LEN	VALUE	DEFN	REFERENCES
RPLOPT8	00001	000043	4669	5027
RPLOPT9	00001	000068	4772	
RPLORSET	00001	00000020	5046	
RPLOSENS	00004	00006C	4856	
RPLOSET	00001	00000080	5041	
RPLOTST	00001	00000040	5043	
RPLO4	00001	000033	5000	
RPLO5	00001	000040	5010	
RPLO6	00001	000041	5015	
RPLO7	00001	000042	5022	
RPLO8	00001	000043	5028	
RPLPATHI	00001	00000080	4748	
RPLPCF	00001	00000003	5219	
RPLPCIT	00001	00000072	5181	
RPLPEND	00001	00000010	4681	
RPLPERS	00001	00000080	5002	
RPLPFMTD	00001	00000008	4394	
RPLPFMTI	00001	00000009	4395	
RPLPHYER	00001	0000000C	4448	
RPLPHYSC	00001	0000000C	4449	
RPLPLHPT	00004	00000C	4428	
RPLPOINT	00001	00000003	4384	
RPLPOST	00001	00000040	4434	
RPLPSOPT	00001	00000020	4603	
RPLPURGE	00001	0000001C	4461	
RPLPUT	00001	00000001	4383	
RPLQALL	00001	00000002	4850	
RPLQC	00001	00000020	4962	
RPLQEC	00001	00000010	4964	
RPLQI	00001	00000002	4971	
RPLQNOTE	00001	00000004	4847	
RPLQOPT	00001	00000010	4647	
RPLQRI	00001	00000008	4939	
RPLQSESS	00001	00000008	4844	
RPLQUIES	00001	00000080	4815	
RPLQUISE	00001	00000015	4405	
RPLRBAR	00008	000044	4701	5033
RPLRCDPR	00001	00000004	5092	
RPLRCINV	00001	00000029	5132	
RPLRCLCK	00001	00000032	5141	
RPLRCVCD	00001	00000023	4416	
RPLRCWNP	00001	00000000	5202	
RPLRDSOH	00001	00000001	4507	
RPLREAD	00001	0000001D	4411	
RPLRELNP	00001	000000B2	5191	
RPLRELQ	00001	00000004	4970	
RPLREOB	00001	00000020	4500	
RPLREOM	00001	00000010	4501	
RPLREOT	00001	00000008	4502	
RPLREQ	00001	00000A	4381	
RPLRESET	00001	00000012	4401	
RPLRH3	00001	000018	4880	
RPLRILCP	00001	0000001B	5121	
RPLRIOCC	00001	0000001D	5123	
RPLRLEN	00004	000038	4590	

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

```
RPLRLG   00001 00000002 4505
RPLRLSOP 00001 00000004 4656
RPLRMOBN 00001 00000025 5128
RPLRNFT3 00001 00000028 5131
RPLRNNM  00001 00000000 4788
RPLRNOCE 00001 00000071 5179
RPLRNOCL 00001 00000070 5177
RPLRNOEL 00001 0000006C 5173
RPLRNOIA 00001 0000006F 5176
RPLRNONA 00001 0000006D 5166
RPLRNOSE 00001 0000006E 5175
RPLRQR   00001 00000004 4990
RPLRRESP 00001 00000008 4895
RPLRRI   00001 00000008 4754
RPLRRN   00001 00000001 4951
RPLRRO   00001 00000008 4866
RPLRSHUT 00001 00000002 4992
RPLRSPNM 00001 00000002 4928
RPLRSPQD 00001 00000080 4834
RPLRSPQR 00001 00000001 4931
RPLRSRCD 00001 00000024 4417
RPLRSV67 00001 00000002 4637
RPLRSV68 00001 00000001 4638
RPLRSV78 00001 00000001 4668
RPLRSV88 00001 00000001 4695
RPLRTNCD 00001    000015 4440
RPLRTOOD 00001 00000010 5110
RPLRTR   00001 00000040 4975
RPLRVCMD 00001 00000028 4420
RPLRVID  00001 00000040 4485
RPLSAF   00002    00002C 4525
RPLSANDA 00001 0000000D 5107
RPLSANOD 00001 0000000C 5106
RPLSAV13 00004    000070 4870
RPLSBI   00001 00000002 4980
RPLSCHED 00001 00000080 4935
RPLSDCMD 00001 00000027 4419
RPLSDT   00001 00000080 4983
RPLSENOP 00001 00000001 4813
RPLSEQ   00001 00000020 4534
RPLSEQNO 00002    00004A 5077
RPLSESS  00001 00000008 4685
RPLSFORM 00001 00000040 4555
RPLSHUTC 00001 00000008 4989
RPLSHUTD 00001 00000010 4988
RPLSIGDA 00004    000074 4872
RPLSIGNL 00001 00000010 4977
RPLSKP   00001 00000010 4535
RPLSLICT 00001 0000001E 4412
RPLSLTMR 00001 00000008 5006
RPLSMLGO 00001 00000016 4406
RPLSNDCD 00001 00000022 4415
RPLSONCD 00001    000027 4997
RPLSONOP 00001 00000002 4812
RPLSPARM 00001 00000020 4808
```

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

```
RPLSPECC 00001 00000014 4455
RPLSRESP 00001 00000080 4892
RPLSRTYP 00001   000019 4891
RPLSSCCD 00001 00000025 4418
RPLSSEI  00001   000060 4746
RPLSSEO  00001   00006C 4859
RPLSSMI  00001   000061 4757
RPLSSMO  00001   00006D 4867
RPLSSNIN 00001 00000040 4599
RPLSSNSI 00002   000060 4740
RPLSSNSO 00002   00006C 4857
RPLSSTRM 00001 00000080 5213
RPLSTALF 00001 00000001 5208
RPLSTART 00001 00000040 4820
RPLSTAT  00001   000014 4437  4438
RPLSTATI 00001 00000020 4751
RPLSTATO 00001 00000020 4863
RPLSTERM 00001 00000012 4374
RPLSTOOD 00001 0000000E 5108
RPLSTOP  00001 00000020 4823
RPLSTRID 00002   00001A 4512
RPLSTSAV 00001 00000001 4494
RPLSTSN  00001 00000020 4986
RPLSTYP  00001   000009 4369
RPLSVSAM 00001 00000010 4373
RPLSVTAM 00001 00000020 4378
RPLSV32  00001 00000040 4499
RPLSWTCH 00001 00000001 4994
RPLSYERR 00001 00000024 4465
RPLS3540 00001 00000040 4379
RPLTBIND 00001 00000008 4978
RPLTCBPT 00004   000024 4517  4995
RPLTCLSS 00001 0000002B 4423
RPLTCRNO 00001 00000002 4666
RPLTCRYP 00001 00000008 4714
RPLTERM  00001 00000013 4402
RPLTERMQ 00001 00000002 4831
RPLTERMS 00001 00000020 4778
RPLTLGAC 00001 00000008 4923
RPLTNDSP 00001 00000010 4922
RPLTNFY  00001 00000040 5012
RPLTOPL  00001 00000001 4797
RPLTOPNS 00001 0000002A 4422
RPLTPOST 00001 00000008 4654
RPLTREQS 00001 00000029 4421
RPLTRMS  00001 0000002C 4424
RPLTRUNC 00001 00000020 4839
RPLTSKY  00001 00000010 4809
RPLTUNBD 00001 00000004 4979
RPLUINPT 00001 00000080 4498
RPLUNBND 00001 00000004 4811
RPLUNCON 00001 00000002 4692
RPLUNTRM 00001 00000081 5214
RPLUPD   00001 00000002 4551
RPLURH   00003   000024 4996
```

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

```
RPLUSELE 00001 000000A3 5186
RPLUSFLD 00004    000064 4764
RPLUSNSI 00002    000062 4759
RPLUSNSO 00002    00006E 4869
RPLUSRES 00001 00000000 5212
RPLUSRRH 00001 00000001 5030
RPLUSVAR 00001 00000008 4810
RPLVABND 00001 0000003C 4476
RPLVACS  00001 00000008 4909
RPLVERIF 00001 00000006 4392
RPLVERRF 00001 00000014 4404
RPLVFY   00001 00000010 4559
RPLVOFOC 00001 00000007 5222
RPLVTFL1 00001    00001B 4915
RPLVTFL2 00001    00001C 4934
RPLVTMNA 00001 00000020 4463
RPLVTUSE 00001 00000040 4919
RPLWAIT  00001 00000080 4432
RPLWAITX 00001 00000004 4550
RPLWANCR 00001 00000008 5105
RPLWBT32 00001 00000024 5127
RPLWCVDE 00001 00000027 5130
RPLWRITE 00001 00000011 4399
RPLWROPT 00001 00000001 4618
RPLWTOI  00001 00000011 5111
RPLXMEM  00001 00000080 4916
RPLYADIF 00001 00000084 5204
RPLYTCTN 00001 00000080 5203
RPL3CHEK 00001 0000003C 5824
RPL3VCNS 00001 00000032 5820
RPL6ACT  00001 00000012 5669
RPL6ACTV 00001    000045 5595
RPL6ALCD 00001 00000014 5671
RPL6ALL  00001 00000003 5753
RPL6ALLC 00001 00000010 5635
RPL6ANY  00001 00000005 5656
RPL6APPC 00001 00000062 5806
RPL6APRG 00001 00000001 5652
RPL6AREA 00112    000000 5526
RPL6ASRV 00001 00000002 5653
RPL6ATIM 00001 00000003 5654
RPL6AUSR 00001 00000004 5655
RPL6AVFA 00001 00000008 5588
RPL6BFCA 00001 00000004 5739
RPL6BUFF 00001 00000000 5687
RPL6CBID 00004    000000 5527
RPL6CBIT 00001 0000000C 5737
RPL6CCST 00001    000044 5594
RPL6CD   00001 00000040 5546
RPL6CDDE 00001 00000040 5696
RPL6CDIM 00001 00000000 5695
RPL6CFMD 00001 00000008 5659
RPL6CFRM 00001 00000007 5658
RPL6CFT  00001 00000008 5703
RPL6CFTX 00001 00000008 5550
```

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

```
RPL6CHEK 00001 0000006C 5811
RPL6CLSA 00001 00000010 5586
RPL6CMAN 00001 00000003 5798
RPL6CMOD 00001 0000000C 5562
RPL6CNON 00001 00000000 5796
RPL6CNOS 00001 00000006 5657
RPL6CNVD 00004   000008 5531
RPL6CONV 00001 00000018 5675
RPL6CRYP 00001 00000003 5592
RPL6CS   00001 00000008 5740
RPL6CSEL 00001 00000001 5797
RPL6CWIN 00001 00000016 5673
RPL6DACT 00001 00000013 5670
RPL6DATA 00001 00000009 5660
RPL6DCON 00001 0000000A 5661
RPL6DEAL 00001 00000030 5637
RPL6DEB  00004   000058 5608
RPL6DERC 00001 00000060 5560
RPL6DETP 00001   000046 5597
RPL6DFIN 00001 0000000C 5663
RPL6DFLU 00001 0000000B 5662
RPL6DSPY 00001 0000000D 5664
RPL6END  00001 00000070 5613
RPL6ENDC 00001 00000008 5779
RPL6ERR  00001 0000000E 5665
RPL6FILL 00001 00000080 5545
RPL6FLGS 00004   00002C 5542
RPL6FLG1 00001   00002C 5544
RPL6FLG2 00001   00002D 5554
RPL6FLG3 00001   00002E 5558
RPL6FLG4 00001   00002F 5564
RPL6FLSH 00001 0000000F 5666
RPL6ID   00001 C1D7D7C3 5627
RPL6IMED 00001 00000015 5672
RPL6LAST 00001 00000003 5563
RPL6LIAL 00001 00000004 5763
RPL6LINO 00001 00000000 5760
RPL6LINS 00001 00000002 5761
RPL6LIST 00001 00000006 5551
RPL6LL   00001 00000080 5688
RPL6LLCA 00001 00000000 5738
RPL6LMOD 00001 00000001 5749
RPL6LOCK 00001 00000080 5559
RPL6LONG 00001 00000000 5721
RPL6LU   00008   000030 5566
RPL6MH5L 00001   000043 5593
RPL6MID  00002   000048 5600
RPL6MODE 00008   000038 5567
RPL6NCFT 00001 00000000 5704
RPL6NCTL 00001 00000002 5751
RPL6NLST 00001 00000000 5747
RPL6NQUA 00001 00000000 5651
RPL6OPER 00001 00000040 5638
RPL6PECL 00001 00000007 5778
RPL6PNDD 00001 00000006 5777
```

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

```
RPL6PNDS 00001 00000009 5780
RPL6PREC 00001 00000050 5639
RPL6PRGM 00001 00000004 5713
RPL6PRVL 00001 0000000A 5781
RPL6PV   00001 00000004 5590
RPL6QUAL 00001    000005 5529
RPL6RABN 00001 00000040 5729
RPL6RANR 00001 00000060 5730
RPL6RC   00004    000028 5539
RPL6RCPR 00002    000028 5540
RPL6RCSC 00002    00002A 5541
RPL6RCV  00001 00000070 5641
RPL6RCV1 00001    000040 5569
RPL6RCV2 00001    000041 5578
RPL6RECV 00001 00000002 5773
RPL6REQ  00001    000004 5528
RPL6RESM 00001 0000001A 5677
RPL6REST 00001 0000001B 5678
RPL6RFH5 00001 00000060 5640
RPL6RJCT 00001 00000080 5642
RPL6RLOG 00001 00000040 5584
RPL6RMH5 00001 00000080 5583
RPL6RNRM 00001 00000000 5728
RPL6RPL  00004    00004C 5603
RPL6RQSD 00001 00000010 5667
RPL6RSET 00001 00000000 5771
RPL6RSIG 00001 00000020 5585
RPL6RSRV 00001 00000020 5636
RPL6RTUN 00001    000042 5581
RPL6RVCD 00001 00000005 5776
RPL6RVCF 00001 00000003 5774
RPL6RVCS 00001 00000004 5775
RPL6SAME 00001 0000000C 5741
RPL6SEND 00001 00000090 5643
RPL6SESN 00001 00000017 5674
RPL6SETS 00001 000000A0 5644
RPL6SGNL 00004    000018 5535
RPL6SHRT 00001 00000080 5722
RPL6SIDL 00001    00001C 5536
RPL6SIG1 00001 00010001 5620
RPL6SLS  00001 00000010 5548
RPL6SND  00001 00000001 5772
RPL6SNSI 00004    000014 5534
RPL6SNSD 00004    000010 5533
RPL6SPEC 00001 00000011 5668
RPL6SSID 00008    000020 5538
RPL6STBF 00004    000050 5604
RPL6STDS 00004    000054 5606
RPL6SUSP 00001 00000019 5676
RPL6SVC  00001 00000008 5714
RPL6SYNB 00001 0000001C 5679
RPL6SYNE 00001 0000001D 5680
RPL6TBIT 00001 0000000C 5711
RPL6TCLP 00001 0000000F 5788
RPL6TID  00004    000048 5599
```

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

```
RPL6TIX  00002    00004A 5601
RPL6TPVL 00001 000000FE 5789
RPL6TYPE 00001 0000000C 5556
RPL6USER 00001 0000000C 5712
RPL6USR  00004    00000C 5532
RPL6WCFM 00001 00000008 5574
RPL6WDAC 00001 00000040 5571
RPL6WDAI 00001 00000020 5572
RPL6WDAL 00001 00000004 5575
RPL6WDAT 00001 00000080 5570
RPL6WHAT 00002    000040 5568
RPL6WLOG 00001 00000002 5576
RPL6WPSH 00001 00000001 5577
RPL6WPSI 00001 00000080 5579
RPL6WSND 00001 00000010 5573
RSPCNT   00002    000004 7836
RSPDSECT 00001 00000000 7831
RSPFLG   00001    000008 7839
RSPFLG2  00001    000009 7842
RSPLEN   00001 00000010 7846
RSPMLEN  00002    00000A 7843
RSPMMN   00004    000000 7835  7846
RSPNUM   00002    000006 7837
RSPSAVE  00001 00000040 7841
RSPXXX   00004    00000C 7844
RVITERM  00004    000070 3328
RVSCRNO  00001    000003 7800
RVSCRNOL 00002    000000 7798
RVSCRNOT 00001    000002 7799
RVZONE   00001 00000080 1190  1192
SAMBUCTS 00002    000000 6910
SAMCB    00001 00000000 6909
SAMETERM 00001 00000080 3302
SAMMAP   00001    000008 6912
SAMRANGE 00004    000004 6911
SAVEAREA 00004    000000 7574
SAVEITCB 00004    0000FC 1574
SAVEMMN  00004    000174 1284
SAVEPARG 00004    0000A8 1961
SAVEREGS 00004    000070 1955
SAVER14  00004    00006C 1538
SAVER14B 00004    000070 1539
SAVER14C 00004    000124 1585
SAVER2   00004    00007C 3313
SAVE14SA 00004    0000A0 1956
SCHARGM  00004    0000E4 1573
SCHARGUM 00001 000000E4 1572
SCHCATLS 00004 00000094 1565
SCHDCB   00004 00000094 1566
SCHDSECT 00001 00000000 1524
SCHPARM  00004    0000D4 1571
SCHPARML 00001 000000D4 1570
SCHRDJFC 00004 0000004C 1568
SCHSAVE  00004    000000 1525  1570 1572 1586
SCHTIOT  00004 0000004C 1567
```

SYMBOL	LEN	VALUE	DEFN	REFERENCES
SCHWDS	00001	0000004A	1586	
SCNDYADR	00004	0000C4	1976	
SCNDYLEN	00002	0000C0	1973	
SCNEND	00001	000000C8	1979	1980
SCNLIDS	00001	00000000	1947	1980
SCNLNGT	00001	000000C8	1980	
SCNMMN	00003	0000BB	1965	
SCNOTHRD	00001	00000080	1967	
SCNROLTB	00004	0000A4	1957	
SCNSW	00001	0000BE	1966	
SCNTCTV	00004	00006C	1954	
SCNTHRED	00001	0000C2	1974	
SCNTQE	00004	000068	1953	
SCNWARA	00004	00005C	1950	
SCNWARB	00004	000060	1951	
SCNWARC	00004	000064	1952	
SCNWTOCL	00009	0000B2	1964	
SCNWTOL	00004	0000AC	1962	
SCNWTSC	00002	0000B0	1963	
SCT#SSDY	00002	000014	1102	
SCTASYNC	00001	00000001	1040	
SCTATT1	00001	00002E	1110	
SCTATT2	00001	00002F	1111	
SCTATT3	00001	000038	1113	
SCTATT4	00001	000039	1114	
SCTATT5	00001	00003A	1115	
SCTAUXSS	00002	00005E	1012	
SCTBCLP	00004	000000	0920	
SCTBECB	00004	00003C	0977	
SCTBEGIN	00004	000000	0918	0978 1015
SCTBITS	00001	00005C	1010	
SCTBIT1	00001	00005D	1011	
SCTBIT2	00001	000030	0964	
SCTBIT3	00001	000010	1094	
SCTBIT4	00001	000004	0921	
SCTBKOUT	00001	00000040	1064	
SCTBLAD	00004	00002C	0963	
SCTBLDL	00001	00000010	1098	
SCTBLSZ	00002	000032	0966	
SCTBSW1	00001	000034	0967	
SCTCANC	00002	000048	0993	
SCTCLRP	00004	00000C	0932	
SCTCLWP	00004	000008	0930	
SCTCMIN	00001	00000008	1055	
SCTCMUS	00004	000038	0986	
SCTCNMC	00002	000012	0934	
SCTCNMD	00004	00001C	0957	
SCTCOB	00001	00000040	1022	
SCTCONV	00001	00000010	1054	
SCTCONVD	00002	000012	1101	
SCTCONV6	00002	000016	1103	
SCTCVRST	00001	00000001	1082	
SCTDB	00001	00000004	1068	
SCTDBUPD	00001	00000002	1069	
SCTDEDQ	00001	00000080	0968	

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

```
SCTDELTQ 00001 00000040 1096
SCTDFBE  00001 00000000 0943
SCTDFBT  00001 00000040 0944
SCTDFCOR 00001 0000003F 0946
SCTDFLN  00008   000014 0939
SCTDFLNX 00001   000014 0940
SCTDFVT  00001 00000080 0945
SCTDIND  00002   000054 1003
SCTDLCHN 00004   000008 1092
SCTDQACT 00001 00000010 0971
SCTDSPDQ 00001 00000040 0969
SCTDTERM 00004   000034 0975
SCTDWSCK 00001 00000080 1051
SCTECB   00001 00000080 1063
SCTECLP  00004   000004 0928
SCTEXTLT 00001 00000000 1086
SCTEXTND 00002   000052 1002
SCTFLAGS 00001   000015 0948
SCTFLALL 00001 00000008 0926
SCTFLCNT 00002   000016 0955
SCTFLUSH 00001 00000002 1039
SCTFORCD 00001 00000008 1099
SCTFORT  00001 00000020 1023
SCTFRBN  00002   000010 0933
SCTFRBNC 00004   000028 6818
SCTFREE  00002   000046 0991
SCTFSDR  00001 00000080 0949  0951
SCTFSER  00001 00000040 0950  0951
SCTFSRSP 00001 000000C0 0951
SCTFSR1  00001 00000020 0952
SCTFSR2  00001 00000010 0953
SCTFTWQE 00004   000018 0956
SCTGET   00002   00004A 0998
SCTHRBN  00004   000020 0958
SCTHRESH 00001   000057 1005
SCTHUNG  00001 00000010 0925
SCTIMCFL 00001 00000008 1067
SCTINDMP 00001 00000004 1056
SCTINVLD 00001 00000010 1078
SCTLANG  00001   00005B 1009
SCTLDCHN 00004   000004 1091
SCTLDECB 00004   000000 1089
SCTLDXA  00001 00000020 1077
SCTLENTH 00001 00000064 1015
SCTLIST  00001 00000000 0917
SCTLMSZ  00004   00000C 1093
SCTLOAD  00001 00000004 1038
SCTLOADQ 00001 00000080 1095
SCTLOG   00001 00000020 1035
SCTLRBN  00004   00002C 6819
SCTMECB  00004   000038 0976  0979
SCTMNCL  00002   000044 0990
SCTMNMC  00002   000160 1275
SCTMSGC2 00001 00000002 1081
SCTNAME  00008   000018 1104
```

SYMBOL	LEN	VALUE	DEFN	REFERENCES
SCTNBAL	00001	00000008	1025	
SCTNMBL	00001	000031	0965	
SCTNMCP	00002	00003E	0988	
SCTNMST	00002	00003C	0987	
SCTNOSCH	00001	00000010	1066	
SCTNSSET	00001	00000001	1070	
SCTPCEN	00002	000020	0959	
SCTPL1	00001	00000080	1021	
SCTPL1LK	00001	00000040	1034	
SCTPL1OP	00001	00000080	1033	
SCTPONU	00001	00005A	1008	
SCTPPOST	00001	00000040	0923	
SCTPRCNT	00001	00000C	0931	
SCTPRNDX	00001	000008	0929	
SCTQFULL	00001	00000001	0927	
SCTQHELD	00001	00000020	0970	
SCTQLTH	00001	00000040	0978	
SCTRBAL	00001	00000010	1024	
SCTRBNS	00002	000022	0960	
SCTRCOB	00001	00000002	1027	
SCTRECB	00004	000060	1013	
SCTREJCT	00001	00000020	1065	
SCTRESRC	00001	000000	0919	
SCTRESTA	00001	00000008	1037	
SCTRESTR	00001	00000010	1036	
SCTRETR	00001	00000080	1075	
SCTREUSE	00001	00000020	1097	
SCTRPL1	00001	00000004	1026	
SCTRRBN	00004	000024	0961	
SCTSAM	00001	00000020	1053	
SCTSBSP	00004	00004C	1000	
SCTSECSG	00001	00000040	1046	
SCTSECUR	00001	000056	1004	
SCTSECVB	00001	00000080	1045	
SCTSEGDQ	00001	00000080	0922	
SCTSGRST	00001	00000040	1076	
SCTSLIN	00001	00000040	1052	
SCTSNAP	00001	00000001	1058	
SCTSPACE	00002	00004A	0999	
SCTSRCHD	00001	00000004	0973	
SCTSTOP	00001	00000002	1057	
SCTSUBC	00001	000059	1007	
SCTSUBCH	00001	000058	1006	
SCTSW1	00001	000034	0974	
SCTTCTV	00002	000050	1001	
SCTTNMP	00004	000040	0989	
SCTVCOB	00001	00000001	1028	
SCTVTSCT	00001	00000008	0972	
SCTWRBN	00004	000028	0962	
SCT6CON	00001	00000008	1079	
SECTDSCT	00001	00000000	6766	
SEGDSTLN	00001	0000000C	7265	
SEGEXTSN	00002	000006	7257	
SEGFECHR	00001	00000A	7261	
SEGFSCHR	00001	000009	7260	

SYMBOL	LEN	VALUE	DEFN	REFERENCES
SEGLEN	00002	000004	7253	
SEGMENT	00001	00000000	7246	7255 7265
SEGNFLD	00001	000002	7251	
SEGNULL	00001	00000080	7249	
SEGNULLN	00001	00000006	7255	
SEGOCCUR	00001	000003	7252	
SEGOFFST	00002	000000	7248	
SEGRLPOS	00002	000006	7258	
SEGSPCHR	00001	000008	7259	
SEGSTRCT	00001	00000040	7250	
SEQNCE	00001	000166	1278	
SEX#ASYN	00004	0004CC	0808	
SEX#BREC	00004	0004DC	0812	
SEX#BUFS	00004	0004C4	0806	
SEX#BUFW	00004	0004D0	0809	
SEX#CHAR	00004	0004D4	0810	
SEX#DYNL	00004	0004F4	0818	
SEX#FMSG	00004	0004D8	0811	
SEX#FREC	00004	0004E0	0813	
SEX#OLDS	00004	0004EC	0816	
SEX#SATM	00004	0004E4	0814	
SEX#SFLH	00004	0005A0	0874	
SEX#SFRD	00004	0005A8	0876	
SEX#SPST	00004	00059C	0873	
SEX#SSDY	00004	0004F0	0817	
SEX#SSLD	00004	0004E8	0815	
SEX#STRS	00004	000598	0872	
SEX#SYNC	00004	0004C8	0807	
SEXABTRM	00001	00000020	0666	
SEXACCES	00004	000478	0783	
SEXALCTE	00004	000474	0782	
SEXALTRP	00004	0000F8	0514	
SEXAMGAR	00004	000568	0857	
SEXASYNC	00004	000314	0689	
SEXASYNL	00004	000318	0690	
SEXASYNS	00004	00031C	0691	
SEXATCHL	00001	000001BC	0566	
SEXAUTPC	00008	000574	0860	
SEXAUTSF	00008	00056C	0859	
SEXBCLSE	00004	000390	0720	
SEXBGECB	00004	00021C	0599	
SEXBINSH	00004	000124	0525	
SEXBITA	00001	000006	0453	
SEXBITS1	00001	0000F3	0504	
SEXBITY	00001	000582	0864	
SEXBLINE	00004	0003D4	0737	
SEXBMN#	00004	00002C	0468	
SEXBOST	00004	000308	0686	
SEXBRDCS	00004	000114	0521	
SEXBSCTS	00004	0003CC	0735	
SEXBSECT	00004	00045C	0772	
SEXBSRC2	00004	000590	0870	
SEXBSRC3	00004	0003D8	0738	
SEXBTNDX	00004	0002C8	0654	
SEXBTSPA	00004	000374	0713	

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

```
SEXB37PR 00004   000330 0696
SEXCATCH 00004   0001EC 0591
SEXCB2SA 00004   0004F8 0819
SEXCDLIM 00004   000218 0598
SEXCELLA 00004   000520 0836
SEXCELLB 00004   000524 0837
SEXCELLC 00004   000528 0838
SEXCELLD 00004   00052C 0839
SEXCELLE 00004   000530 0840
SEXCELLF 00004   000534 0841
SEXCELLG 00004   000234 0615
SEXCELLH 00004   000238 0616
SEXCELLI 00004   00023C 0617
SEXCELLO 00004   000368 0710
SEXCELLP 00004   000074 0486
SEXCHKPT 00004   000338 0698
SEXCHNGE 00004   000130 0529
SEXCHNGT 00004   00012C 0528
SEXCHNOK 00001 00000002 0612
SEXCKPTS 00004   000364 0709
SEXCKTME 00004   0002B0 0648
SEXCLDWN 00001 00000080 0664
SEXCNCIN 00002   000144 0534
SEXCNCLM 00002   000146 0535
SEXCOBPT 00004   000278 0632
SEXCOBRN 00004   00028C 0637
SEXCOBSF 00004   00027C 0633
SEXCONVR 00004   000280 0634
SEXCORAC 00004   0002AC 0647
SEXCPLIM 00004   000214 0597
SEXCSAFR 00001 00000001 0611
SEXCTIMR 00004   0000D0 0493
SEXCUSH  00002   0001DC 0583
SEXDBCLS 00004   000380 0716
SEXDBINT 00004   000284 0635
SEXDBRST 00004   000360 0708
SEXDDQRS 00004   000354 0705
SEXDELAY 00004   000150 0538
SEXDELTQ 00004   00029C 0641
SEXDEQ   00004   00010C 0519
SEXDLECB 00004   000294 0639
SEXDLOD  00004   00034C 0703
SEXDLTD2 00004   00013C 0532
SEXDMLN  00001   000007 0458
SEXDMP   00001 00000080 0454
SEXDQBLD 00004   000404 0750
SEXDQCLS 00004   00040C 0752
SEXDQCNT 00001   0001E1 0586
SEXDQOFF 00004   0003F8 0747
SEXDQON  00004   0003F4 0746
SEXDQOPN 00004   000408 0751
SEXDQRBN 00004   000120 0524
SEXDQRD  00004   000410 0753
SEXDQRDX 00004   000418 0755
SEXDQREL 00004   000444 0766
```

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

```
SEXDQSTR 00004   000400 0749
SEXDQSUB 00004   000448 0767
SEXDQTBL 00004   0003FC 0748
SEXDQTRA 00004   00044C 0768
SEXDQWR  00004   000414 0754
SEXDQWRX 00004   00041C 0756
SEXDQWTO 00004   000438 0763
SEXDQXGE 00004   00043C 0764
SEXDQXPU 00004   000440 0765
SEXDSABL 00004   0002F8 0682
SEXDSCT  00004   000148 0536
SEXDVASN 00004   0002B4 0649
SEXDVMOD 00004   000500 0822
SEXDWS   00001 00000080 0865
SEXDWSSP 00004   000164 0543
SEXDYNLD 00004   00015C 0541
SEXDYSTR 00004   0001C0 0569
SEXECBRS 00004   00035C 0707
SEXEDIT  00004   000084 0491
SEXENABL 00004   0002F4 0681
SEXENQ   00004   000108 0518
SEXESA   00001 00000001 0512
SEXESEC  00004   00033C 0699
SEXEVENT 00004   0002FC 0683
SEXEXTRM 00004   000514 0833
SEXEXTSC 00004   000538 0842
SEXE3270 00004   0001CC 0572
SEXFECDQ 00004   000250 0622
SEXFEIDX 00004   000540 0844
SEXFEOV  00004   000058 0479
SEXFESND 00004   00024C 0621
SEXFESSC 00004   000548 0847
SEXFIND2 00004   000080 0490
SEXFITCB 00004   000518 0834
SEXFIXED 00004   00005C 0480
SEXFLOG  00004   0002BC 0651
SEXFMCS  00002   0004B8 0802
SEXFNDC  00004   0005C8 0884
SEXFOFF  00004   0001F4 0593
SEXFON   00004   0001F0 0592
SEXFORMA 00004   000134 0530
SEXFPMI  00002   0004BA 0803
SEXFRVRS 00004   00036C 0711
SEXFSNAP 00001 00000010 0508
SEXFWTO  00001 00000004 0669
SEXGET   00004   000048 0475
SEXGETNB 00004   000324 0693
SEXGETSG 00004   0002B8 0650
SEXGETV  00004   000060 0481
SEXGETZ  00004   000328 0694
SEXGNTRM 00005   0005BC 0881
SEXHASPC 00004   0004C0 0805
SEXHASPR 00004   0004BC 0804
SEXHILIM 00004   000378 0714
SEXHMOD  00002   00057E 0862
```

SYMBOL LEN VALUE DEFN REFERENCES

SEXHOLDQ 00001 00000001 0579
SEXICESD 00004 000168 0544
SEXICMCH 00004 000348 0702
SEXICMNX 00004 000334 0697
SEXICMPL 00004 00038C 0719
SEXIDENT 00003 000000 0451
SEXID114 00001 00000008 0455
SEXID118 00001 00000004 0456
SEXID126 00001 00000002 0457
SEXIMCLD 00001 00000010 0667
SEXISNAP 00004 0000D8 0495
SEXKDSP 00004 000020 0465
SEXKDSPX 00004 000024 0466
SEXKEYTA 00004 000128 0527
SEXKOVLY 00004 0001B8 0565
SEXKREFA 00004 000154 0539
SEXKREFB 00004 0000FC 0515
SEXKREFC 00004 000100 0516
SEXKWAIT 00004 000018 0463
SEXKWAIX 00004 00001C 0464
SEXLDECB 00004 000290 0638
SEXLGBLK 00002 0002CE 0656
SEXLGBUF 00004 0002D8 0673
SEXLGCNT 00002 0002D4 0658
SEXLGECB 00004 0002D0 0657
SEXLGEOF 00004 000454 0770
SEXLGMMN 00004 0002DC 0674
SEXLGNUM 00002 0002CC 0655
SEXLGQSE 00001 00000020 0662
SEXLGRSB 00004 000140 0533
SEXLGRSF 00002 0002F2 0680
SEXLGRST 00001 00000040 0661
SEXLGSPR 00001 0002D6 0659
SEXLGSUP 00001 00000080 0660
SEXLINK2 00004 000420 0757
SEXLOADQ 00004 000298 0640
SEXLOCAT 00004 000050 0477
SEXLOCOR 00004 0003A0 0724
SEXLOGF 00004 000304 0685
SEXLOGIN 00002 000460 0773
SEXLOMMN 00004 000028 0467
SEXLOWMM 00004 0003E8 0743
SEXLPINF 00004 0003D0 0736
SEXLU6CC 00004 000320 0692
SEXMAPCL 00004 000560 0854
SEXMAPEN 00004 000558 0852
SEXMAPFR 00004 000564 0855
SEXMAPIN 00004 000550 0850
SEXMAPOT 00004 000554 0851
SEXMAPPU 00004 00055C 0853
SEXMCNT 00004 000424 0758
SEXMCQ 00004 000070 0485
SEXMDNGT 00002 0003E2 0741
SEXMMDSC 00004 000508 0826
SEXMMESC 00004 000504 0824

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

```
SEXMMUST 00004    00050C 0828
SEXMMUVT 00004    00054C 0849
SEXMODEL 00002    0000F0 0502
SEXMONOO 00004    00014C 0537
SEXMONO9 00004    000388 0718
SEXMRATO 00001    000232 0613
SEXMRCSL 00002    000220 0600
SEXMRCTL 00004    000210 0596
SEXMRDCC 00004    000224 0602
SEXMRECB 00004    000014 0462
SEXMRID  00008    0001B0 0564
SEXMRLST 00004    0001FC 0595
SEXMRMCT 00004    000040 0473
SEXMRMSI 00004    000228 0603
SEXMRMSO 00004    00022C 0604
SEXMROT  00001    000230 0606
SEXMROTE 00001 00000004 0607
SEXMROTI 00001 00000001 0609
SEXMROTT 00001 00000002 0608
SEXMRQON 00004    000044 0474
SEXMRRDT 00004    000010 0461
SEXMRSTP 00001 00000008 0668
SEXMRSW  00001    000231 0610
SEXMSQNO 00004    0004FC 0820
SEXMVS   00001 00000008 0509
SEXMVSXA 00001 00000002 0511
SEXMVT   00001 00000020 0507
SEXMXFLD 00002    00057C 0861
SEXMXLDS 00004    000458 0771
SEXNORCB 00001 00000008 0578
SEXNTSKS 00002    0001BE 0568
SEXOTPUT 00004    00011C 0523
SEXOVLYB 00004    0003C4 0733
SEXOVLYC 00004    0003C0 0732
SEXOVLYD 00004    0003BC 0731
SEXPADTB 00004    00007C 0489
SEXPAGE  00004    000288 0636
SEXPAGTB 00004    0002EC 0678
SEXPASBE 00004    00003C 0472
SEXPASS  00004    0001E8 0590
SEXPFCBO 00002    000186 0552
SEXPFMP  00004    00018C 0555
SEXPFMR  00002    00018A 0554
SEXPFMS  00002    000188 0553
SEXPFMSZ 00004    0001A8 0562
SEXPKEY  00001    0000F2 0503
SEXPMPL1 00004    0003DC 0739
SEXPOOLA 00004    000370 0712
SEXPOOLC 00004    0003A8 0726
SEXPOOLN 00004    000358 0706
SEXPOOLR 00004    0003A4 0725
SEXPOST  00004    000244 0619
SEXPOSTX 00004    000248 0620
SEXPPBEG 00004    0002E0 0675
SEXPPEND 00004    0002E4 0676
```

SYMBOL	LEN	VALUE	DEFN	REFERENCES
SEXPRB	00004	0000E0	0498	
SEXPRINT	00004	000158	0540	
SEXPRMLN	00002	000580	0863	
SEXPRNDX	00004	0002C4	0653	
SEXPTRNT	00004	000138	0531	
SEXPURGE	00001	00000002	0580	
SEXPUT	00004	00004C	0476	
SEXPUTV	00004	000064	0482	
SEXPUTZ	00004	00032C	0695	
SEXP31CA	00004	0001C4	0570	
SEXP31CH	00004	00025C	0625	
SEXP31HL	00004	000268	0628	
SEXP31NX	00004	000258	0624	
SEXP31OK	00001	00000020	0577	
SEXP31PA	00004	00026C	0629	
SEXP31PC	00004	000274	0631	
SEXP31PE	00004	000264	0627	
SEXP31PL	00004	000260	0626	
SEXP31PR	00004	000270	0630	
SEXP31SF	00002	0001E2	0587	
SEXQREST	00001	00000002	0670	
SEXRCBLN	00002	0001D8	0581	
SEXRCBUP	00002	0001DA	0582	
SEXRCTAB	00004	0003B4	0729	
SEXRDRQ	00004	0003EC	0744	
SEXRELEX	00004	000054	0478	
SEXRENME	00004	000480	0785	
SEXRETRY	00002	0001DE	0584	
SEXRET35	00004	000118	0522	
SEXRMFLG	00001	0001E0	0585	
SEXRMNQF	00004	000434	0762	
SEXRMNQN	00004	000430	0761	
SEXRPTO1	00004	00030C	0687	
SEXRQTAB	00004	000300	0684	
SEXRSECB	00001	0003F0	0745	
SEXRTRQ	00004	000038	0471	
SEXRTRV	00004	000034	0470	
SEXSAVEX	00004	000088	0492	
SEXSBTSW	00002	0001BC	0567	
SEXSCRCH	00004	00047C	0784	
SEXSCTDD	00004	000254	0623	
SEXSCTEX	00004	000350	0704	
SEXSCTS	00004	0001D4	0574	
SEXSECUS	00004	000160	0542	
SEXSEGTB	00004	0002E8	0677	
SEXSFBSZ	00002	000510	0829	
SEXSFCNT	00004	0004A0	0794	
SEXSFCSZ	00004	000498	0792	
SEXSFCUS	00004	00049C	0793	
SEXSFDAD	00004	000490	0790	
SEXSFECB	00004	000494	0791	
SEXSFFAD	00004	000484	0787	
SEXSFHIC	00004	0005AC	0877	
SEXSFSAD	00004	000488	0788	
SEXSFSUP	00004	00051C	0835	

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

```
SEXSFTAB 00004   0004A4 0795
SEXSFUAD 00004   00048C 0789
SEXSMCS  00002   0004B4 0800
SEXSNAP  00004   00006C 0484
SEXSNAPP 00002   0003E0 0740
SEXSNGL  00001 00000001 0672
SEXSNPTT 00002   0001E4 0588
SEXSPACE 00004   0002A0 0642
SEXSPICA 00001   000464 0775
SEXSPMAX 00004   0002A4 0644
SEXSPMI  00002   0004B6 0801
SEXSRFT2 00004   000078 0488
SEXSTAC  00001 00000080 0575  0585
SEXSTBLK 00004   0005A4 0875
SEXSTIMR 00004   0000D4 0494
SEXSTLEN 00004   000594 0871
SEXSTNDX 00004   00058C 0869
SEXSTORF 00004   000484 0786
SEXSTRUP 00001 00000040 0665
SEXSTSTM 00004   0004A8 0796
SEXSTUP  00001 00000040 0576
SEXSTUPE 00004   0003B0 0728
SEXSVC   00001   000004 0452
SEXSVS   00001 00000004 0510
SEXSWMD  00004   000588 0868
SEXSWTCH 00001   0002D7 0663
SEXSYCTR 00004   0003B8 0730
SEXTABA  00004   00017C 0549
SEXTABI  00004   000178 0548
SEXTABSN 00004   000180 0550
SEXTABSP 00002   000184 0551
SEXTALLY 00004   000384 0717
SEXTASK  00004   0004AC 0797
SEXTASKC 00001   000470 0781
SEXTASKS 00001   0004B0 0798
SEXTASKW 00004   00046C 0780
SEXTCB   00004   0000DC 0497
SEXTDUMP 00004   000310 0688
SEXTFBLD 00004   000190 0556
SEXTFCBA 00004   000174 0547
SEXTFCBI 00004   000170 0546
SEXTFCBP 00004   00016C 0545
SEXTFEND 00004   0001A4 0561
SEXTFGET 00004   00019C 0559
SEXTFOPN 00004   000194 0557
SEXTFPUT 00004   000198 0558
SEXTFSRT 00004   0001A0 0560
SEXTIMER 00004   000068 0483
SEXTLOOP 00004   000344 0701
SEXTLPTM 00002   0001E6 0589
SEXTOECB 00004   000008 0459
SEXTRACE 00004   000450 0769
SEXTRARH 00004   000030 0469
SEXTRINT 00004   0001F8 0594
SEXTSTAT 00004   0003E4 0742
```

SYMBOL	LEN	VALUE	DEFN	REFERENCES
SEXT2ECB	00004	00000C	0460	
SEXUCLSE	00004	000398	0722	
SEXUSREX	00004	000104	0517	
SEXUSROT	00004	000110	0520	
SEXUSRPG	00004	0001AC	0563	
SEXUSRST	00004	0003C8	0734	
SEXVCT	00004	00053C	0843	
SEXVERSN	00004	0000EC	0501	
SEXVMI56	00004	0001C8	0571	
SEXVRPL	00004	00037C	0715	
SEXVS	00001	00000040	0506	
SEXVSIND	00004	0001D0	0573	
SEXVTNDX	00004	0003AC	0727	
SEXWTO	00004	0002A8	0646	
SEXWTOID	00008	0005B4	0880	
SEXWTOPR	00003	0005B0	0878	
SEXXAMAX	00004	0000F4	0513	
SEXXASPA	00004	000340	0700	
SEXXPECB	00004	000240	0618	
SEX327PG	00004	000544	0845	
SEX327SZ	00002	000512	0832	
SEX370	00001	00000080	0505	
SFCBKDPT	00004	000004	8112	
SFCFWDPT	00004	000000	8111	
SFCOREDS	00001	00000000	8110	
SFCW	00004	0000E8	7585	
SFDDNM	00008	00000F	7483	
SFDDNSUF	00001	000052	8136	
SFDSTYPE	00001	000053	8137	
SFHBDW	00002	000048	8125	
SFHCFLAG	00001	00000001	8134	
SFHCHECK	00002	000054	8138	
SFHDLEN	00001	00000018	8144	
SFHEADER	00024	000048	8124	
SFHFFLAG	00001	00000020	8131	
SFHFLAG1	00001	000050	8129	
SFHFLAG2	00001	000051	8135	
SFHKEY	00048	000010	8117	
SFHKEYL	00002	000056	8141	
SFHKSEQ#	00002	000040	8118	
SFHNFLAG	00001	00000010	8132	
SFHRDW	00002	00004A	8126	
SFHTFLAG	00001	00000002	8133	
SFHUFLAG	00001	00000080	8130	
SFIOAREA	00001	00000010	8116	
SFKEY	00010	000000	7474	
SFKEYSEQ	00002	00004E	8128	
SFKEYST	00005	000000	7476	
SFKEYTID	00005	000005	7477	
SFMAPCTR	00002	00000D	7481	
SFMAPKEY	00013	000000	7473	
SFMAPNO	00003	00000A	7479	
SFPMAPNO	00002	000126	7603	
SFRECORD	00001	00000048	8123	8144
SFSEQTOT	00002	00004C	8127	

SYMBOL	LEN	VALUE	DEFN	REFERENCES
SFSTRING	00001	00000060	8145	
SFT#SFLH	00004	000014	8171	
SFT#SFRD	00004	000028	8176	
SFT#SPST	00004	000010	8170	
SFT#STRS	00004	000020	8174	
SFTABLE	00001	00000000	8158	8178
SFTABLEN	00001	00000030	8178	
SFTBLTRK	00002	00000C	8168	
SFTCORPT	00004	000004	8165	
SFTCOUNT	00002	000002	8164	
SFTDDSUF	00001	000000	8160	
SFTFLAGF	00001	00000040	8163	
SFTFLAGD	00001	00000080	8162	
SFTFLAGS	00001	000001	8161	
SFTIME	00004	000008	8113	
SFTLRECL	00002	00000A	8167	
SFTSFCUS	00004	00002C	8177	
SFTSFHIC	00004	000018	8172	
SFTSTBLK	00004	000024	8175	
SFTSTLEN	00004	00001C	8173	
SFTTRKS#	00002	000008	8166	
SIZE	00001	00000186	1300	
SIZEPRMP	00001	00000007	7874	
SIZEVBHD	00003	0000000A	7875	
SNAPLIST	00004	0000EC	7586	
SPAASYN	00001	00000002	0351	
SPABFMOD	00001	00000010	0419	
SPABITM	00004	0000A8	0279	
SPABITS1	00001	000117	0344	
SPABITS2	00001	000131	0361	
SPABITS3	00001	000132	0367	
SPABLDVR	00001	00000008	0366	
SPABROAD	00002	000100	0336	
SPABRRTN	00004	0001E4	0442	
SPABTMN	00002	00018C	0414	
SPACANC	00002	0000B4	0283	
SPACCNID	00005	000150	0384	
SPACESDI	00004	0001A4	0426	
SPACESDL	00004	0001A8	0427	
SPACIOE	00002	0000FA	0333	
SPACISC	00002	0000FC	0334	
SPACKBLK	00002	0001EC	0444	
SPACKECB	00004	00013C	0378	
SPACKON	00001	00000040	0390	
SPACKP1	00001	00000040	0399	
SPACKP2	00001	00000020	0400	
SPACKP3	00001	00000010	0401	
SPACKP4	00001	00000008	0402	
SPACKP5	00001	00000004	0403	
SPACKTME	00004	000164	0389	
SPACKUSL	00002	0001EE	0445	
SPACKUSR	00004	0001F0	0446	
SPACLDMP	00001	00000008	0372	
SPACLDTD	00001	00000010	0371	
SPACMUS	00004	000008	0229	

SYMBOL	LEN	VALUE	DEFN	REFERENCES
SPACNQS	00002	0000FE	0335	
SPACNTDT	00004	00015C	0387	
SPACONVR	00004	0001AC	0428	
SPACONV1	00004	0001B0	0429	
SPACOPSW	00001	000195	0420	
SPACOVN	00002	0000B6	0284	
SPACPRSA	00004	000070	0264	
SPACRNCH	00004	000148	0382	
SPACRQ	00004	0001B8	0431	
SPACTIVE	00004	000034	0249	
SPADATBS	00001	0000C8	0294	
SPADATE	00004	0000D0	0299	
SPADATEC	00001	0000CB	0298	
SPADBECB	00004	000168	0391	
SPADESBL	00002	00017A	0408	
SPADEVTB	00004	000050	0256	
SPADLIUP	00001	000000C4	0295	
SPADLTDB	00004	000064	0261	
SPADSSUP	00001	0000E5	0309	
SPADTIMS	00004	0001A0	0425	
SPADVNOP	00001	00000080	0345	
SPAECBWT	00001	00000004	0350	
SPAEND	00002	0001F4	0449	0422
SPAEVLOG	00001	00000080	0407	
SPAEXT	00001	00000000	0450	
SPAEXTAD	00004	0001E0	0441	
SPAFECFB	00004	000060	0260	
SPAFECRL	00004	000058	0258	
SPAFINDB	00004	00005C	0259	
SPAFMASK	00004	0001BC	0432	
SPAFRBN	00004	000020	6815	
SPAFREE	00004	00019C	0424	
SPAFSOG1	00004	000104	0338	
SPAFULO	00004	00000C	0230	
SPAFUL1	00004	000010	0231	
SPAGENBB	00001	00000001	0404	
SPAGENON	00001	00000080	0398	
SPAGENSW	00001	000178	0397	
SPAGPSEC	00001	000179	0406	
SPAHAFO	00002	0000B8	0285	
SPAHAF1	00002	0000BA	0286	
SPAHOLD	00001	0000C6	0291	
SPAIDCHN	00001	0000E7	0314	
SPAIDCKP	00001	0000EF	0322	
SPAIDCLS	00001	0000E9	0316	
SPAIDCNT	00001	0000ED	0320	
SPAIDCTL	00001	0000E2	0306	
SPAIDEDT	00001	0000F7	0330	
SPAIDENT	00008	000000	0226	0227
SPAIDESS	00001	0000E4	0308	
SPAIDFES	00001	0000F8	0331	
SPAIDMON	00001	0000EC	0319	
SPAIDMRS	00001	0000EA	0317	
SPAIDOUT	00001	0000F3	0326	
SPAIDPGE	00001	000171	0394	

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

```
SPAIDRPT 00001   0000F0 0323
SPAIDSBK 00001   0000F5 0328
SPAIDSGM 00001   0000F4 0327
SPAIDSGN 00001   0000F1 0324
SPAIDSW  00001   0000E1 0305
SPAIDTUN 00001   0000F2 0325
SPAIISVC 00001   0000C4 0289
SPAILU6  00004   000134 0375
SPAILU61 00004   000198 0423
SPAINVMG 00002   0000DE 0303
SPAKCNC  00004   00008C 0272
SPAKCNCX 00004   0000AC 0280
SPAKINT  00004   000090 0273
SPAKINTX 00004   000084 0270
SPAKLAST 00004   000068 0262
SPAKOVLY 00004   0001C0 0433
SPAKRETX 00004   000088 0271
SPALEN   00002   000196 0422
SPALINDO 00001 00000010 0365
SPALIST  00001 00000000 0181
SPALNKXC 00006   000124 0357
SPALOGP  00004   0001C4 0434
SPALRBN  00004   000024 6816
SPALST   00004   000000 0225  0422
SPAMDELY 00004   000160 0388
SPAMGEND 00003   000119 0354
SPAMMNCL 00002   000144 0380
SPAMODE  00001   000110 0341
SPAMONOV 00004   000030 0248
SPAMRBN  00004   000180 0411
SPAMRCAC 00001 00000010 0239
SPAMRCON 00001 00000040 0237
SPAMRINT 00001 00000080 0236
SPAMRIPU 00001 00000008 0240
SPAMRLOG 00001 00000020 0238
SPAMRPKS 00001   000016 0233
SPAMRSVC 00001   000014 0232
SPAMRSW  00001   000017 0234
SPAMSNM  00004   000018 0241
SPAMVT   00001 00000020 0347
SPANCB2S 00001 00000008 0349
SPANMIP  00004   00001C 0242
SPANMOP  00004   000020 0243
SPANMOW  00004   000174 0396
SPANOCPY 00001 00000040 0346
SPANQCHN 00004   0000D4 0300
SPANQTIM 00004   0000D8 0301
SPANRBN  00001   000184 0412
SPANTIMS 00002   000138 0376
SPAOKCB2 00001 00000010 0348
SPAOVCP  00004   000024 0244
SPAPEDT  00004   000028 0246
SPAPFTB  00004   00002C 0247
SPAPIDM  00004   000038 0250
SPAPMCR  00004   00003C 0251
```

SYMBOL	LEN	VALUE	DEFN	REFERENCES
SPAPREPG	00004	0001DC	0440	
SPAPSCX	00004	000040	0252	
SPAPSTB	00004	000048	0254	
SPAPVTB	00004	00004C	0255	
SPAQDMSQ	00004	000094	0274	
SPARBN2	00004	00014C	0383	
SPARCNTB	00004	000054	0257	
SPARCTBL	00002	00017C	0409	
SPAREAD	00004	000080	0268	
SPAREEL#	00001	000118	0353	
SPAREL	00008	00000003	0227	
SPARELES	00004	000078	0266	
SPAREPTP	00004	000188	0413	
SPARMST	00002	0000DC	0302	
SPARPTAB	00004	000120	0356	
SPARSTB	00004	000158	0386	
SPASCELL	00001	00000020	0370	
SPASECFT	00004	000098	0275	
SPASECNF	00001	00000080	0362	
SPASECSC	00001	00000020	0364	
SPASECTM	00004	0000A4	0278	
SPASECUR	00004	0001D8	0439	
SPASECVB	00001	00000040	0363	
SPASELCT	00004	000074	0265	
SPASEX	00004	000090	1559	
SPASFLAG	00001	0000E6	0310	
SPASFREE	00001	00000004	0313	
SPASNFUL	00001	00000040	0312	
SPASORT	00004	0001B4	0430	
SPASORTC	00004	0001D4	0438	
SPASPCHR	00001	000116	0343	
SPASRFT	00004	00006C	0263	
SPASWIN	00004	00009C	0276	
SPASYSOT	00001	00000080	0311	
SPASYTCB	00004	000044	0253	
SPATCHP	00004	000140	0379	
SPATCORE	00001	00000004	0373	
SPATHDCB	00004	0000BC	0287	
SPATHDCC	00004	0000C0	0288	
SPATHDCL	00002	000102	0337	
SPATHRED	00004	00016C	0392	
SPATIMS	00004	0000A0	0277	
SPATIMTB	00004	00012C	0359	
SPATINX	00004	00010C	0340	
SPATNMP	00004	0000B0	0281	
SPATOTRG	00001	00000001	0352	
SPATOTUP	00001	000000E3	0296	
SPATPMOD	00001	000194	0417	
SPATRAK	00004	0001E8	0443	
SPATRID	00005	000111	0342	
SPATSTDP	00001	00000080	0368	
SPATSTNR	00001	00000040	0369	
SPATSTR	00004	00011C	0355	
SPATVIN	00001	0000C7	0293	
SPATXIN	00004	000108	0339	

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

```
SPAUSCNC 00004   0001D0 0437
SPAUSER  00001 000001F4 0448
SPAVBNDX 00004   0001C8 0435
SPAVRBBL 00002   00017E 0410
SPAVRBTB 00004   0001CC 0436
SPAWHOIT 00004   000190 0416
SPAWRITE 00004   00007C 0267
SPAWRNHI 00002   00012A 0358
SPA1COPY 00001 00000000 0421
STAALTRN 00005   00001D 6933
STAASR35 00001 00000005 6947
STACITY  00003   000006 6923
STACMP   00002   000000 6917  6920
STACNTRL 00001 00000004 6960
STADETSZ 00001 0000001E 6935
STADSECT 00001 00000000 6915
STADVMOD 00002   000016 6930
STAFRBN  00004   000000 6804
STAHDSZ  00001 00000006 6920
STAINOUT 00001 00000030 6941
STAIOCDE 00001   00000D 6926
STALRBN  00004   000004 6805
STAMMU   00001 00000003 6942
STAMMUDV 00001   000015 6929
STAMSMSK 00002   00001B 6932
STANMTPU 00002   000004 6919
STAOFFST 00002   000002 6918
STAOVERF 00001 00000002 6961
STARTMSG 00004   000154 1272
STASECNB 00002   00000B 6925
STASECON 00001 00000020 6957
STASECTM 00001 00000010 6958
STASECUP 00001 00000008 6959
STATASK  00004   000000 1401
STATFAIL 00002   00004C 1422
STATFCNT 00004   000034 1415
STATFREE 00004   000038 1416
STATGOT  00004   000008 1403
STATHIGP 00004   000010 1405
STATHIGR 00004   000014 1406
STATLEN  00001 00000074 1436
STATNOPL 00004   000040 1418
STATPBLK 00004   000028 1412
STATPFRE 00004   00003C 1417
STATPOOL 00004   000024 1411
STATPREQ 00004   00002C 1413
STATP31  00004   00005C 1428
STATP31B 00004   000060 1429
STATP31F 00004   00006C 1432
STATP31N 00004   000070 1433
STATP31R 00004   000064 1430
STATP31W 00004   000068 1431
STATQFRE 00004   000044 1420
STATREQ  00004   000004 1402
STATRLOC 00002   00004E 1423
```

ASM H V 02 15.46 09/01/98

SYMBOL	LEN	VALUE	DEFN	REFERENCES
STATRMID	00005	000006	6922	6935
STATSECT	00001	00000000	1400	1436
STATSTEP	00004	000048	1421	
STATUS	00004	000048	3279	
STATWAST	00004	000030	1414	
STATWRKP	00004	00000C	1404	
STAT24D	00004	000018	1408	
STAT24G	00004	00001C	1409	
STAT24H	00004	000020	1410	
STAT31D	00004	000050	1425	
STAT31G	00004	000054	1426	
STAT31H	00004	000058	1427	
STAUNIT	00002	000009	6924	
STAUSCDE	00001	00000E	6927	
STA1050	00001	00000007	6948	
STA1403	00001	00000001	6943	
STA2260	00001	00000004	6946	
STA2740	00001	00000003	6945	
STA2780	00001	00000002	6944	
STA32701	00001	00000008	6949	
STA32702	00001	00000009	6950	
STDVASN	00001	00000040	6955	
STDVCDN	00001	00000080	6954	
STINPUT	00001	00000010	6940	
STNEXT	00001	000000FE	7229	
STORADDR	00004	00000050	1531	
STORLIST	00004	000048	1256	1257
STORSW	00001	0000BF	1972	
STOUTPUT	00001	00000020	6939	
STSAME	00001	000000FF	7228	
STUSWCNT	00002	000008	6875	
STUSWRCD	00001	00000000	6872	
STUSWTIM	00004	00000C	6877	
STUSWTYP	00007	000000	6873	
SUBACT	00001	00000080	6695	
SUBALT	00001	00000004	6700	
SUBALTOF	00002	000016	6707	
SUBARGLN	00004	000014	6679	
SUBARGUM	00004	000000	6674	
SUBCHI	00001	000004	6691	
SUBCLO	00001	000005	6692	
SUBCODES	00002	000004	6690	
SUBDSECT	00001	00000000	6670	6682 6686 6710
SUBEXQCB	00004	000008	6703	
SUBFLING	00001	00000002	6701	
SUBFLUSH	00001	00000008	6699	
SUBHDLEN	00001	00000018	6682	
SUBHOLD	00004	000010	6705	
SUBLNGTH	00001	00000018	6710	
SUBLOG	00001	00000040	6696	
SUBLSYNC	00001	00000020	6697	
SUBMSGS	00004	00000C	6704	
SUBMULTI	00001	00000001	6702	
SUBNEXT	00002	000000	6688	
SUBQSPAC	00002	000014	6706	

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

```
SUBRGN   00002    000002 6689
SUBRGNUM 00001    000006 6693
SUBRSTRT 00001 00000010 6698
SUBSAVE  00004    000060 7577
SUBSUBAD 00004    00000C 6677
SUBSUBLN 00004    000008 6676
SUBSUBNO 00004    000004 6675
SUBSUBOF 00004    000010 6678
SUBSW    00001    000007 6694
SWITCH   00001    000167 1279
SWITCH   00001 00000000 1548  ****DUPLICATE****
SWITCH2  00001    00016A 1281
SWITCH3  00001    00016B 1282
TCABNDIP 00001 00000080 2202
TCABODCB 00004    000108 2316
TCABOFD  00001 00000002 2244
TCABOOPN 00001 00000004 2243
TCABVANC 00004    0001BC 2357
TCABVCUR 00004    0001CC 2364
TCABVEND 00004    0001D4 2366
TCABVINI 00004    0001C0 2358
TCABVLPB 00004    0001D8 2367
TCABVMAX 00004    0001D0 2365
TCABVMIN 00004    0001C4 2360
TCABVNOP 00001 00000001 2181
TCABVRND 00004    0001C8 2362
TCABXFLG 00001    00000F 2201
TCACPFLG 00001    000011 2226
TCAIXBLD 00001 00000020 2188
TCBLANOP 00001 00000002 2180
TCBLOANC 00004    000194 2342
TCBLOCUR 00004    0001A4 2349
TCBLOEND 00004    0001AC 2351
TCBLOINI 00004    000198 2343
TCBLOLPB 00004    0001B0 2352
TCBLOMAX 00004    0001A8 2350
TCBLOMIN 00004    00019C 2345
TCBLORND 00004    0001A0 2347
TCBLO1ST 00004    0001B4 2353
TCCALR13 00004    000090 2279
TCCICSEP 00001 00000008 2177
TCCICTOK 00008    00009C 2282
TCCLAIMD 00001 00000008 2164
TCCNIOPN 00001 00000020 2252
TCCNOOPN 00001 00000010 2254
TCCOBCOM 00004    000018 2269
TCCOBVEC 00004    00001C 2270
TCCOMFLG 00001    00000C 2159
TCCONBUF 00004    0000F0 2309
TCCONDCB 00004    0000EC 2308
TCCONFLG 00001    000013 2249
TCCONNFO 00001 00000004 2251
TCCONOPN 00001 00000080 2250
TCDBGPTR 00004    000120 2323
TCDBIFD  00001 00000008 2242
```

SYMBOL	LEN	VALUE	DEFN	REFERENCES
TCDBOFD	00001	00000004	2239	
TCDBRCHN	00004	000100	2314	
TCDBROPN	00001	00000010	2241	
TCDBWCHN	00004	0000F8	2312	
TCDBWOPN	00001	00000080	2238	
TCDLANG	00002	000128	2328	
TCDMPING	00001	00000010	2209	
TCDOPTS	00003	000125	2326	
TCDSPFLG	00001	000010	2216	
TCDSYS	00001	000124	2324	
TCDUMPED	00001	00000004	2203	
TCEIBAD	00004	000098	2281	
TCEOPTAD	00004	0000A4	2283	
TCETUNAD	00004	0000B8	2293	
TCEXLLN	00002	000114	2319	
TCEXLST	00004	000118	2321	
TCFLOWNN	00002	0000C4	2295	
TCFOSTRD	00001	00000010	2163	
TCGETMED	00001	00000020	2162	
TCGMTHDA	00004	000178	2333	
TCHCEINT	00001	00000008	2231	
TCHCETRM	00001	00000004	2233	
TCIDENT	00008	000000	2155	
TCILBBST	00004	000094	2280	
TCIMCNT	00002	0000C6	2296	
TCINIRRE	00001	00000002	2166	
TCINITED	00001	00000080	2160	
TCINSRTX	00001	00000020	2174	
TCITBLK	00004	00008C	2278	
TCLASTAC	00004	0001E0	2371	
TCLASTCT	00004	000088	2277	
TCLASTRB	00004	000084	2276	
TCLDLR13	00004	0000B0	2289	
TCLENGTH	00004	000008	2156	
TCLEN1ST	00004	0001B8	2355	
TCLIBKP	00001	00000002	2196	
TCLOADED	00001	00000040	2161	
TCMIXRES	00001	00000001	2235	
TCNRIWRK	00080	000034	2275	
TCOPTFLG	00001	00000E	2183	
TCPASSED	00001	00000004	2165	
TCPCHBUF	00004	0000DC	2303	
TCPCHDCB	00004	0000D8	2302	
TCPCHFD	00001	00000002	2223	
TCPCHLEN	00002	0000E0	2304	
TCPCHNFO	00001	00000004	2222	
TCPCHOPN	00001	00000008	2221	
TCPRTBUF	00004	0000D0	2299	
TCPRTDCB	00004	0000CC	2298	
TCPRTFD	00001	00000020	2219	
TCPRTLEN	00002	0000D4	2300	
TCPRTNAD	00001	00000010	2220	
TCPRTNFO	00001	00000004	2218	
TCPRTOPN	00001	00000080	2217	
TCRDRBUF	00004	0000E8	2307	

```
SYMBOL    LEN    VALUE  DEFN  REFERENCES
TCRDRDCB 00004   0000E4 2306
TCRDREOF 00001 00000010 2230
TCRDRFD  00001 00000020 2229
TCRDRNFO 00001 00000004 2228
TCRDROPN 00001 00000080 2227
TCRES    00001 00000001 2167
TCRESTRT 00001 00000001 2261
TCRIDCTR 00004   0000A8 2284
TCRIDID  00004   0000A8 2286
TCRIVSTG 00004   0000AC 2287
TCRTMABN 00001 00000020 2205
TCRTREUS 00001 00000004 2194
TCRUNCOM 00004   000020 2271
TCSIMVRD 00001 00000004 2257
TCSPCE   00001 00000002 2234
TCSPMRSA 00072   00012C 2331
TCSPOUT  00001 00000008 2192
TCSRABEG 00004   000184 2337
TCSRAEND 00004   000188 2338
TCSRANXT 00004   00018C 2339
TCSRASIZ 00004   000180 2335
TCSRLLAD 00004   000024 2272
TCSTAEPT 00004   00010C 2317
TCSUBCOM 00004   000030 2274
TCSUPDBG 00001 00000080 2184
TCSUPDMP 00001 00000008 2211
TCSUPFDP 00001 00000004 2212
TCSUPFLO 00001 00000002 2259
TCSUPMIN 00001 00000002 2213
TCSUPSSR 00001 00000040 2186
TCSUPSTA 00001 00000010 2190
TCSWITCH 00008   00000C 2157
TCTEST   00001 00000080 2170
TCTHDEND 00001 00000010 2175
TCTHDFLG 00001   00000D 2169
TCTHDID  00004   000014 2268
TCTHDIDN 00004   000014 2267
TCTINSTG 00004   0000B4 2290
TCTSUGET 00001 00000040 2172
TCUEXIT  00004   0001DC 2368
TCUPSI   00008   0000BC 2294
TCVARFLG 00001   000012 2237
TCVSINTH 00001 00000004 2178
TCWSCLR  00001 00000001 2198
TCXA     00001 00000001 2245
TC1STPGM 00008   000028 2273
TC1STPRM 00001 00000020 2240
TERMCNT  00004   000064 3298
TERMTYP  00001   00002B 7498
TFCBBLD  00001 00000040 8553
TFCBCLSD 00001 00000080 8552
TFCBCOPY 00001 00000028 8571
TFCBDATA 00004   000018 8538  8571
TFCBDMID 00001 00000080 8561
TFCBDTSZ 00004   00001C 8539
```

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

```
TFCBDUP  00001 00000004 8557
TFCBDWS  00004    000030 8546
TFCBELEN 00002    000024 8541
TFCBENDE 00004    00002C 8545
TFCBENQ  00001 00000010 8564
TFCBENUM 00004    000020 8540
TFCBFLG1 00001    00003A 8551
TFCBFLG2 00001    00003B 8560
TFCBFREE 00001 00000008 8565
TFCBH#TB 00004    00001C 8521
TFCBH#TM 00004    000020 8522
TFCBH#TR 00004    00000C 8517
TFCBHASZ 00004    000010 8518
TFCBHATS 00004    00002C 8525
TFCBHEAD 00004    000000 8514
TFCBHEXT 00004    000030 8526
TFCBHFRE 00004    000004 8515
TFCBHMTS 00004    000028 8524
TFCBHMXE 00004    000024 8523
TFCBHSPC 00004    000014 8519
TFCBHSPM 00004    000018 8520
TFCBHTOT 00004    000034 8527
TFCBHUSE 00004    000008 8516
TFCBH333 00004    000038 8528
TFCBH444 00004    00003C 8529
TFCBKEYD 00001 00000001 8559
TFCBKLEN 00001    000026 8542
TFCBKOFF 00001    000027 8543
TFCBLEN  00001 00000040 8572
TFCBMMN# 00003    000035 8549
TFCBMOD  00001 00000010 8555
TFCBNAME 00016    000000 8533  8572
TFCBNEXT 00004    000014 8536
TFCBOPEN 00001 00000020 8554
TFCBPAGE 00001 00000040 8562
TFCBPFCB 00001 00000020 8563
TFCBPREV 00004    000010 8534
TFCBREAD 00004    000028 8544
TFCBRSRT 00001 00000002 8558
TFCBSORT 00001 00000008 8556
TFCBTHRD 00001    000034 8548
TFCBUKEY 00006    000034 8547
TFCBUSS  00002    000038 8550
TFCBXXX  00004    00003C 8570
TFCB111  00001 00000001 8568
TFCB222  00001 00000002 8567
TFCB444  00001 00000004 8566
TFUBBLD  00001 00000040 8594
TFUBCLSD 00001 00000080 8593
TFUBDATA 00004    000018 8579
TFUBDMID 00001 00000080 8602
TFUBDTSZ 00004    00001C 8580
TFUBDUP  00001 00000004 8598
TFUBELEN 00002    000024 8582
TFUBENDE 00004    00002C 8586
```

SYMBOL	LEN	VALUE	DEFN	REFERENCES
TFUBENQ	00001	00000010	8605	
TFUBENUM	00004	000020	8581	
TFUBFLG1	00001	00003A	8592	
TFUBFLG2	00001	00003B	8601	
TFUBFREE	00001	00000008	8606	
TFUBKEYD	00001	00000001	8600	
TFUBKLEN	00001	000026	8583	
TFUBKOFF	00001	000027	8584	
TFUBLEN	00001	00000040	8612	
TFUBMMN#	00003	000035	8590	
TFUBMOD	00001	00000010	8596	
TFUBNAME	00016	000000	8576	8612
TFUBOPEN	00001	00000020	8595	
TFUBPAGE	00001	00000040	8603	
TFUBPFCB	00001	00000020	8604	
TFUBREAD	00004	000028	8585	
TFUBREC	00004	000014	8578	
TFUBRSRT	00001	00000002	8599	
TFUBSKIP	00001	00000002	8608	
TFUBSORT	00001	00000008	8597	
TFUBTAG	00004	000010	8577	
TFUBTFCB	00004	000030	8587	
TFUBTHRD	00001	000034	8589	
TFUBUKEY	00006	000034	8588	
TFUBUPD	00001	00000001	8609	
TFUBUSS	00002	000038	8591	
TFUBXXX	00004	00003C	8611	
TFUB444	00001	00000004	8607	
THACTIVE	00001	00000001	1367	1371
THBMAX	00001	00000017	1371	
THDCOM	00001	00000000	2154	
THDISABL	00001	00000002	1368	1371
THHUNG	00001	00000004	1369	1371
THPURGE	00001	00000010	1370	1371
THRDCONV	00001	00000008	2005	2009
THRDDBIT	00001	00000020	2003	
THRDFLIO	00001	00000010	2004	
THRDHUNG	00001	00000001	2008	2009
THRDNACT	00001	00000049	2009	
THRDNQWT	00001	00000004	2006	
THRDPURG	00001	00000040	2002	2009
THRDTABB	00001	00000002	2012	
THRDTABM	00001	00000001	2013	
THRDVSCI	00001	00000002	2007	
THRD6CON	00001	00000080	2011	
THREAD	00001	00000000	1356	1363
THREADFL	00002	000006	1362	
THREADLN	00001	00000008	1363	1395
THREADND	00002	000002	1359	
THREADPT	00002	000000	1357	
THREADS	00001	00000000	1392	
THREADSS	00002	000004	1361	
THREADTB	00001	000004	1395	
TID	00005	000005	7478	
TIMEFLG	00001	00000002	1318	

SYMBOL	LEN	VALUE	DEFN	REFERENCES
TIMETB	00001	00000000	2097	2106
TMTFRBN	00004	000010	6810	
TMTLRBN	00004	000014	6811	
TMTPGID	00001	00000A	2104	
TMTPGIH	00001	000009	2103	
TMTPRIN	00001	000008	2102	
TMTPVMI	00001	00000B	2105	
TMTSCHT	00004	000000	2098	
TMTSZ	00001	0000000C	2106	
TMTTCTV	00002	000004	2099	
TMTTMZC	00001	000006	2100	
TMTTRIG	00001	000007	2101	
TMTTRIGO	00001	00000080	2113	
TMTTRIG1	00001	00000040	2114	
TMTTRIG2	00001	00000020	2115	
TMTTRIG3	00001	00000010	2116	
TMTTRIG4	00001	00000008	2117	
TMTTRIG5	00001	00000004	2118	
TMTTRIG6	00001	00000002	2119	
TMTTRIG7	00001	00000001	2120	
TNAMESN	00001	00000000	7676	
TNAMESR	00001	00000000	7684	
TNENREV	00001	000003	7680	
TNENREVL	00002	000000	7678	
TNENREVT	00001	000002	7679	
TNLBYTES	00002	00006E	3308	3326
TOVALUE	00004	000004	1465	
TPUCHK	00001	00000001	2444	
TPUPARMS	00004	000090	3336	
TPUPARM1	00004	000090	3337	
TPUPARM2	00004	000094	3338	
TPUPARM3	00004	000098	3339	
TPUPARM4	00004	00009C	3340	
TPUPARM5	00004	0000A0	3341	
TRKSAVE	00004	0000FC	1575	
TRTTAB	00256	000129	7608	7595
TRVRSEON	00001	00000080	2001	
TRWORK	00004	00000058	1261	
UCB	00001	00000080	1238	
UNPKAREA	00001	00006F	1498	
USFABNDD	00001	0000000E	5976	
USFACINV	00001	00000049	6065	
USFANC	00001	0000000A	5908	
USFANS	00001	00000006	5967	
USFAOK	00001	00000000	5870	
USFAOOK	00001	00000000	5897	
USFAPNAC	00001	00000051	6073	
USFASDAZ	00001	00000084	6134	
USFASIDE	00001	00000024	6028	
USFATNRC	00001	00000001	5924	
USFATSFI	00001	00000005	5903	
USFBHSUN	00001	00000058	6080	
USFBLINV	00001	00000079	6115	
USFBSCSM	00001	00000002	5925	
USFBTEOR	00001	00000004	5943	

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

```
USFBTHEX 00001 00000003 5942
USFCBERR 00001 00000010 6008
USFCCCPY 00001 0000001D 6021
USFCHINV 00001 00000078 6113
USFCIDNG 00001 00000013 6011
USFCLOCC 00001 0000000B 5950
USFCLRED 00001 0000000C 5953
USFCLSIP 00001 00000012 6010
USFCOMR  00001 0000007E 6122
USFCPCNT 00001 00000030 6040
USFCPYE1 00001 00000037 6047
USFCPYE2 00001 00000035 6045
USFCRIRT 00001 00000023 6027
USFCRNF  00001 00000033 6043
USFCRPLN 00001 00000004 6006
USFCRSDC 00001 00000026 6030
USFCTERM 00001 00000010 5979
USFCTN32 00001 0000002A 6034
USFCWB   00001 0000001C 6020
USFCWTOO 00001 0000001B 6019
USFDAMGE 00001 0000000C 5873
USFDFIBH 00001 00000038 6048
USFDFIPO 00001 00000039 6049
USFDIDIL 00001 0000000C 5973
USFDIDOL 00001 0000000B 5972
USFDISCO 00001 00000008 5969
USFDSTIU 00001 00000008 5906
USFDSTNO 00001 0000005D 6085
USFDSTUO 00001 00000054 6076
USFDUPND 00001 0000005C 6084
USFDVUNS 00001 00000001 5940
USFENVER 00001 00000010 5874
USFEWAU3 00001 0000001A 6018
USFEWBLK 00001 00000025 6029
USFEWNS  00001 00000019 6017
USFEXRQ  00001 00000003 5926
USFEXRS  00001 00000004 5927
USFEXTAZ 00001 00000002 6002
USFEXTEZ 00001 00000003 6004
USFHPINV 00001 0000007D 6121
USFIACT  00001 00000000 6144
USFICNDN 00001 0000004A 6066
USFIDA   00001 0000001E 6022
USFIDAEL 00001 00000031 6041
USFIICBE 00001 0000004C 6068
USFIIINA 00001 00000007 5905
USFIINA  00001 00000004 6145
USFILACT 00001 00000080 6152
USFILDOA 00001 0000001F 6023
USFILDOP 00001 00000014 6012
USFILINA 00001 00000084 6153
USFILNBL 00001 0000004E 6070
USFILRS  00001 00000004 5965
USFILSIN 00001 0000004B 6067
USFINA   00001 00000008 6148
```

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

```
USFINBRP 00001 00000075 6107
USFINBSZ 00001 00000076 6109
USFINQPS 00001 0000000D 5913
USFINTNA 00001 0000004D 6069
USFINVAP 00001 00000050 6072
USFINVLA 00001 0000005B 6083
USFINVMD 00001 00000057 6079
USFINVNB 00001 00000052 6074
USFINVOT 00001 0000004F 6071
USFINVRH 00001 0000007B 6117
USFINVRM 00001 0000002E 6038
USFINVRT 00001 00000048 6064
USFINVSD 00001 00000073 6103
USFINVSL 00001 00000061 6089
USFIOEDU 00001 00000000 5939
USFIQUIE 00001 00000010 6151
USFIREST 00001 00000027 6031
USFITNA  00001 0000000C 6149
USFJTOJ  00001 00000020 6024
USFLGCNT 00001 0000002F 6039
USFLIMEX 00001 00000044 6060
USFLIORP 00001 00000006 5945
USFLOGIC 00001 00000014 5875
USFMBHSS 00001 0000005A 6082
USFMCNVD 00001 00000062 6090
USFMDINC 00001 00000056 6078
USFMDNAU 00001 00000059 6081
USFMFF   00001 00000012 5981
USFMT100 00001 00000021 6025
USFNCPAO 00001 00000005 5944
USFNFMDQ 00001 00000077 6111
USFNLGFA 00001 00000009 5907
USFNOCRY 00001 00000017 5989
USFNOIN  00001 00000006 5904
USFNONSW 00001 00000016 5987
USFNONVR 00001 00000000 5999
USFNOPAU 00001 00000055 6077
USFNORD  00001 00000034 6044
USFNOTAS 00001 00000001 6001
USFNPSAU 00001 0000005E 6086
USFNRNBD 00001 00000074 6105
USFOSDTF 00001 00000011 5980
USFPARML 00001 00000082 6130
USFPCF   00001 00000005 5966
USFPCIT  00001 00000072 6101
USFPOQLE 00001 0000000E 5955
USFPREXC 00001 0000000D 5954
USFPRINV 00001 00000080 6125
USFQOPDC 00001 00000009 5948
USFQSCIE 00001 0000003A 6050
USFRCDPR 00001 00000002 5899
USFRCINV 00001 0000002D 6037
USFRCWNP 00001 00000001 5898
USFRECIP 00001 00000007 5946
USFRELNP 00001 00000036 6046
```

SYMBOL	LEN	VALUE	DEFN	REFERENCES
USFRESSU	00001	00000008	5872	
USFREXAL	00001	0000003B	6051	
USFRILCP	00001	00000022	6026	
USFRLGIC	00001	00000018	5876	
USFRMD32	00001	00000029	6033	
USFRNFT3	00001	0000002C	6036	
USFRNOCE	00001	00000071	6099	
USFRNOCL	00001	00000070	6097	
USFRNOEL	00001	0000006C	6091	
USFRNOIA	00001	0000006F	6096	
USFRNONA	00001	0000006D	6093	
USFRNORT	00001	00000011	6009	
USFRNOSE	00001	0000006E	6094	
USFRSCNC	00001	00000060	6088	
USFRSCNO	00001	0000005F	6087	
USFRTOOD	00001	00000017	6015	
USFRTRAF	00001	00000008	5947	
USFRVIRC	00001	00000000	5923	
USFSBFAL	00001	00000001	5962	
USFSCEF	00001	0000003E	6054	
USFSCEM	00001	0000003D	6053	
USFSCINV	00001	0000007C	6119	
USFSDFR	00001	00000041	6057	
USFSDNP	00001	0000003C	6052	
USFSFERR	00001	00000083	6131	
USFSINVC	00001	00000040	6056	
USFSINVR	00001	00000047	6063	
USFSINVS	00001	00000046	6062	
USFSMBRS	00001	00000085	6135	
USFSNOS	00001	00000042	6058	
USFSNOUT	00001	00000043	6059	
USFSNQC	00001	0000003F	6055	
USFSSEQ	00001	00000045	6061	
USFSTALF	00001	00000000	5933	
USFSTOOD	00001	00000016	6014	
USFSYERR	00001	0000000A	5971	
USFSYMNU	00001	00000053	6075	
USFTANAV	00001	00000000	5961	
USFTAPUA	00001	00000002	5963	
USFTSPND	00001	00000081	6128	
USFUNTRM	00001	00000002	5941	
USFUSELE	00001	00000032	6042	
USFUSRES	00001	0000000A	5949	
USFUTSCR	00001	00000009	5970	
USFVOFOC	00001	00000007	5968	
USFVTBFO	00001	0000000F	5978	
USFVTHAL	00001	00000003	5964	
USFVTMNA	00001	0000000D	5975	
USFWANCR	00001	00000015	6013	
USFWBT32	00001	00000028	6032	
USFWCNVR	00001	0000002B	6035	
USFWTOI	00001	00000018	6016	
USFXMEMR	00001	0000001B	5993	
USFXMEMS	00001	0000001A	5991	
USFXORDC	00001	00000004	5871	

SYMBOL	LEN	VALUE	DEFN	REFERENCES
USFYTCTL	00001	00000004	5902	
USFYTCTN	00001	00000003	5901	
USF3CDI	00001	00000002	6388	
USF3CENI	00001	00000000	6386	
USF3CERR	00001	00000004	6354	
USF3CESL	00001	00000001	6387	
USF3CHEK	00001	00000028	5882	
USF3ENVE	00001	0000002C	6364	
USF3HALT	00001	00000024	6362	
USF3IRAL	00001	0000000B	6467	
USF3IRCE	00001	00000000	6455	
USF3IRCN	00001	00000001	6456	
USF3IRDE	00001	00000009	6464	
USF3IRDI	00001	00000007	6462	
USF3IRDN	00001	00000008	6463	
USF3IRDP	00001	00000006	6461	
USF3IRDR	00001	00000014	6477	
USF3IREQ	00001	00000010	6357	
USF3IRFM	00001	0000000A	6465	
USF3IRLP	00001	0000000C	6469	
USF3IRRD	00001	00000011	6474	
USF3IRRE	00001	00000005	6460	
USF3IRRI	00001	00000003	6458	
USF3IRRN	00001	00000004	6459	
USF3IRRP	00001	00000002	6457	
USF3IRSE	00001	0000000D	6470	
USF3IRSP	00001	00000012	6475	
USF3IRSV	00001	00000013	6476	
USF3IROE	00001	0000000E	6471	
USF3IROF	00001	0000000F	6472	
USF3IR10	00001	00000010	6473	
USF3LPAS	00001	0000000A	6496	
USF3LPNA	00001	00000000	6494	
USF3LPRD	00001	00000028	6363	
USF3LPRS	00001	00000009	6495	
USF3NVC	00001	00000020	6361	
USF3OK	00001	00000000	6353	
USF3OKAI	00001	0000000A	6379	
USF3OKC	00001	00000001	6370	
USF3OKCI	00001	00000002	6371	
USF3OKDE	00001	00000007	6376	
USF3OKDI	00001	00000006	6375	
USF3OKNI	00001	00000000	6369	
USF3OKRE	00001	00000005	6374	
USF3OKRI	00001	00000004	6373	
USF3OKRP	00001	00000003	6372	
USF3OKSI	00001	00000009	6378	
USF3OKTI	00001	0000000B	6380	
USF3OKXI	00001	0000000C	6381	
USF3OKYI	00001	00000008	6377	
USF3PEAN	00001	0000001F	6422	
USF3PEAR	00001	00000020	6424	
USF3PEAS	00001	0000000B	6404	
USF3PEBL	00001	0000000F	6410	
USF3PEBY	00001	00000006	6399	

SYMBOL	LEN	VALUE	DEFN	REFERENCES
USF3PECL	00001	00000022	6427	
USF3PEIA	00001	00000000	6393	
USF3PEIC	00001	00000002	6395	
USF3PEIF	00001	00000011	6412	
USF3PEIL	00001	0000001D	6419	
USF3PEIM	00001	0000002B	6438	
USF3PEIR	00001	00000001	6394	
USF3PEIS	00001	0000001A	6415	
USF3PEIV	00001	00000012	6413	
USF3PELT	00001	0000002C	6439	
USF3PEMC	00001	00000009	6402	
USF3PEMX	00001	00000021	6425	
USF3PENM	00001	0000001E	6420	
USF3PENS	00001	00000003	6396	
USF3PENV	00001	0000000C	6406	
USF3PEPC	00001	00000007	6400	
USF3PEPL	00001	00000008	6401	
USF3PEPS	00001	00000010	6411	
USF3PEPV	00001	0000000A	6403	
USF3PERI	00001	0000001B	6416	
USF3PERR	00001	00000008	6355	
USF3PESI	00001	0000002D	6442	
USF3PESL	00001	0000000E	6409	
USF3PESM	00001	0000001C	6418	
USF3PEST	00001	0000002A	6437	
USF3PESV	00001	00000018	6414	
USF3PETM	00001	00000028	6435	
USF3PETN	00001	00000024	6430	
USF3PETR	00001	00000025	6432	
USF3PETS	00001	00000027	6434	
USF3PETU	00001	00000029	6436	
USF3PETV	00001	00000026	6433	
USF3PETZ	00001	00000023	6428	
USF3PEOD	00001	0000000D	6408	
USF3PEOE	00001	00000005	6398	
USF3PEOX	00001	00000004	6397	
USF3RAB	00001	0000001C	6360	
USF3RCAN	00001	00000014	6358	
USF3RCDE	00001	00000005	6487	
USF3RCDI	00001	00000004	6486	
USF3RCDR	00001	00000003	6485	
USF3RCLP	00001	00000007	6489	
USF3RCRE	00001	00000002	6484	
USF3RCRI	00001	00000001	6483	
USF3RCRR	00001	00000000	6482	
USF3RCRS	00001	00000006	6488	
USF3RUNA	00001	0000000C	6356	
USF3RUNF	00001	00000003	6450	
USF3RURN	00001	00000001	6448	
USF3RUSU	00001	00000002	6449	
USF3RUOO	00001	00000000	6447	
USF3VCNS	00001	0000000C	5912	
USF3VINA	00001	00000018	6359	
USF3WRCK	00001	0000002C	5884	
USF3XMER	00001	00000002	6502	

SYMBOL	LEN	VALUE	DEFN	REFERENCES
USF3XMES	00001	00000001	6501	
USF6ACFL	00001	00000064	6185	
USF6ALCM	00001	00000002	6227	
USF6ALLC	00001	00000004	6160	
USF6ALLS	00001	0000001A	6309	
USF6ALNR	00001	00000000	6225	
USF6ALNS	00001	0000000D	6243	
USF6ALPI	00001	00000003	6228	
USF6ALPP	00001	00000004	6229	
USF6ALR	00001	00000001	6226	
USF6ALRN	00001	0000000B	6239	
USF6ALRR	00001	0000000C	6241	
USF6ALSC	00001	00000005	6230	
USF6ALSL	00001	00000007	6232	
USF6ALSY	00001	00000006	6231	
USF6ALTN	00001	00000009	6235	
USF6ALTP	00001	00000008	6234	
USF6ALTR	00001	0000000A	6237	
USF6APIS	00001	00000015	5986	
USF6APNA	00001	0000001F	6316	
USF6APPC	00001	0000000B	5909	
USF6APRJ	00001	00000013	5982	
USF6APST	00001	00000014	5984	
USF6ASNG	00001	00000002	6211	
USF6ASSP	00001	00000001	6210	
USF6BLIV	00001	00000012	6298	
USF6CACM	00001	00000004	6257	
USF6CANR	00001	00000000	6251	
USF6CAR	00001	00000001	6252	
USF6CASC	00001	00000005	6258	
USF6CATN	00001	00000003	6255	
USF6CATR	00001	00000002	6253	
USF6CBIN	00001	0000000F	6294	
USF6CHEK	00001	00000020	5878	
USF6CIDI	00001	0000001E	6315	
USF6CNSA	00001	00000008	6161	
USF6CNSN	00001	0000000C	6162	
USF6CNSR	00001	00000020	6167	
USF6CREJ	00001	00000088	6194	
USF6CRLR	00001	00000001	6265	
USF6CRPR	00001	00000000	6264	
USF6CRRJ	00001	00000010	6163	
USF6DABP	00001	00000014	6164	
USF6DABS	00001	00000018	6165	
USF6DABT	00001	0000001C	6166	
USF6DARJ	00001	00000021	6319	
USF6DARQ	00001	0000000F	6246	
USF6DLNR	00001	00000080	6192	
USF6ENVE	00001	000000A8	6204	
USF6FNGR	00001	00000000	6334	
USF6HALT	00001	00000074	6189	
USF6IDET	00001	00000027	6326	
USF6ILSP	00001	00000018	6306	
USF6IMDF	00001	00000017	6305	
USF6INDL	00001	00000010	6295	

SYMBOL	LEN	VALUE	DEFN	REFERENCES
USF6INER	00001	00000005	6215	
USF6INFM	00001	0000000A	6287	
USF6INGD	00001	0000000B	6288	
USF6INLI	00001	00000029	6328	
USF6INSI	00001	00000023	6321	
USF6INSL	00001	00000009	6285	
USF6IVBP	00001	00000014	6301	
USF6IVCI	00001	00000002	6276	
USF6IVCQ	00001	00000022	6320	
USF6IVDL	00001	00000005	6279	
USF6IVLL	00001	00000003	6277	
USF6IVLU	00001	00000000	6274	
USF6IVMD	00001	00000001	6275	
USF6IVR6	00001	0000001C	5877	
USF6IVSV	00001	00000004	6278	
USF6IVTP	00001	00000015	6302	
USF6LNIN	00001	00000008	6284	
USF6LPSS	00001	00000003	6268	
USF6LRBE	00001	00000024	6168	
USF6MMEX	00001	00000007	6282	
USF6NCRY	00001	00000028	6327	
USF6NMSC	00001	00000026	6324	
USF6NOFM	00001	00000060	6184	
USF6NOLU	00001	00000016	6303	
USF6NOMD	00001	00000013	6299	
USF6NOTA	00001	00000090	6198	
USF6OK	00001	00000000	6159	
USF6OKSC	00001	00000000	6209	
USF6PARM	00001	0000002C	6170	
USF6PCIP	00001	00000002	6267	
USF6PENA	00001	0000007F	6124	
USF6PENT	00001	00000030	6171	
USF6PEPU	00001	00000034	6172	
USF6PETR	00001	00000038	6173	
USF6PLSS	00001	00000004	6269	
USF6PROE	00001	0000008C	6196	
USF6PRRO	00001	00000020	6317	
USF6PRVO	00001	00000011	6296	
USF6PSHI	00001	00000024	6322	
USF6PSLI	00001	00000025	6323	
USF6RCVR	00001	00000003	6212	
USF6RFNR	00001	00000048	6177	
USF6RFRE	00001	0000004C	6178	
USF6RIAS	00001	0000000E	6292	
USF6RQAB	00001	0000007C	6191	
USF6RSIN	00001	00000007	6218	
USF6RSTF	00001	0000009C	6202	
USF6RSUN	00001	00000006	6216	
USF6SACT	00001	0000006C	6187	
USF6SDRJ	00001	00000094	6199	
USF6SENT	00001	0000003C	6174	
USF6SEPU	00001	00000040	6175	
USF6SETR	00001	00000044	6176	
USF6SLCL	00001	00000028	6169	
USF6SLEX	00001	00000068	6186	

SYMBOL	LEN	VALUE	DEFN	REFERENCES
USF6SLSR	00001	00000001	6341	
USF6SMAI	00001	00000019	6307	
USF6SMSS	00001	0000001B	6311	
USF6SNAR	00001	00000006	6280	
USF6SNGL	00001	00000004	6213	
USF6SPMA	00001	0000000E	6245	
USF6SPMC	00001	00000006	6259	
USF6SPMD	00001	000000A4	6203	
USF6SSMI	00001	0000001C	6313	
USF6STER	00001	00000050	6179	
USF6STGS	00001	00000098	6200	
USF6STOR	00001	00000070	6188	
USF6STSH	00001	00000084	6193	
USF6UECR	00001	0000005C	6183	
USF6UNSC	00001	00000058	6181	
USF6URMD	00001	00000054	6180	
USF6VIYA	00001	00000078	6190	
USF6WNGR	00001	00000001	6335	
USF6WRCK	00001	00000024	5880	
USF6XMER	00001	00000002	6348	
USF6XMES	00001	00000001	6347	
USF6OECB	00001	0000000D	6291	
USF6OEXT	00001	0000000C	6290	
USRSPA	00004	000060	1534	
VBADDR	00004	0000D0	3347	
VBCNCLD	00001	00000002	3359	
VBFND	00001	000000C0	3354	
VBFNDLOK	00001	00000080	3352	3354
VBFNDTXT	00001	00000040	3353	3354
VBHOLD	00005	0000D6	3349	
VBLEN	00002	0000D4	3348	
VBLOZ	00001	00000008	3357	
VBNVBINS	00001	00000004	3358	
VBSCAND4	00001	00000020	3355	
VBSCAND5	00001	00000010	3356	
VBSW	00001	0000DB	3350	
VCHANGE	00001	00000020	7879	
VCOBOL	00001	00000080	7890	
VCT	00001	00000000	4021	4146
VCTACB	00001	00000000	4215	4171
VCTACBAD	00004	000024	4034	
VCTACBOP	00001	00000004	4091	
VCTAPOOL	00004	000018	4031	
VCTAPPLN	00001	0000BE	4141	
VCTAPPLT	00004	000048	4043	
VCTAPPNM	00008	0000BF	4142	
VCTASK	00001	00000004	4081	
VCTAUDSP	00001	00000002	4099	
VCTBTAM	00001	00000040	4078	
VCTCELLA	00004	00008C	4115	
VCTCELLB	00004	000090	4116	
VCTCELLC	00004	000094	4117	
VCTCELLD	00004	000098	4118	
VCTCPACE	00002	00007E	4071	
VCTCTFLG	00001	00009C	4126	

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

```
VCTCTLUB 00004   00009C 4123  4125
VCTCTLUC 00004   0000A0 4124
VCTCTPRI 00001 00000020 4129
VCTCTVTM 00001 00000080 4127
VCTCUDYN 00002   0000BA 4139
VCTDTOK  00001 00000020 4088
VCTDVTID 00001 00000040 4098
VCTDYNFF 00004   000010 4029
VCTDYNFL 00004   000014 4030
VCTDYNLU 00004   00000C 4028
VCTELOG  00001 00000020 4079
VCTEND   00004   000194 4218  4146
VCTEXDSA 00004   0000D4 4151
VCTEXECB 00004   00004C 4045
VCTEXLAD 00004   000028 4035
VCTFEXQ  00008   000050 4046
VCTFEXQH 00004   000050 4047
VCTFEXQT 00004   000054 4048
VCTFLAG1 00001   000086 4076
VCTFLAG2 00001   000087 4085
VCTFLAG3 00001   000088 4095
VCTGTVRE 00004   000030 4037
VCTHLTIP 00001 00000008 4090
VCTHWAIT 00001 00000001 4100
VCTICINX 00004   0000AC 4133
VCTID    00004   000000 4024
VCTIDTAB 00004   0000A8 4132
VCTIPPB  00001   00006E 4060
VCTIPPE  00001   00006F 4061
VCTLENTH 00002   0000D0 4146
VCTLGONF 00001   0000D2 4148
VCTLUCMD 00004   00002C 4036
VCTLUT   00004   000004 4026
VCTMDMN  00001 00000002 4082
VCTMXDYN 00002   0000BC 4140
VCTMXSHT 00002   00006A 4056
VCTNCNCL 00001 00000001 4093
VCTNMDYN 00002   0000B8 4138
VCTNMSHT 00002   00006C 4057
VCTNOS63 00001 00000002 4112
VCTOPPB  00001   000070 4062
VCTOPPE  00001   000071 4063
VCTPEXQ  00008   000058 4049
VCTPEXQH 00004   000058 4050
VCTPEXQT 00004   00005C 4051
VCTPSSLN 00001   0000C7 4143
VCTPSSNM 00008   0000C8 4144
VCTPSS62 00004   000040 4041
VCTRCVAL 00002   00007C 4070
VCTRCVNO 00001   000084 4073
VCTRCVRS 00001   000085 4074
VCTRESP  00001 00000080 4077
VCTRPL   00004   00011C 4153
VCTSCT   00004   00001C 4032
VCTSDWQE 00004   000060 4053
```

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

```
VCTSEP   00001   000089 4102
VCTSESM  00001 00000080 4096
VCTSHDIP 00001 00000010 4089
VCTSHDTO 00002   000068 4055
VCTSHECB 00004   000064 4054
VCTSNCUR 00002   000078 4068
VCTSNHWM 00002   00007A 4069
VCTSNMAX 00002   000076 4067
VCTSNPSH 00001 00000008 4110
VCTSPA   00004   000020 4033
VCTSPEC  00004   000008 4027
VCTSTACQ 00001 00000002 4092
VCTSTART 00001 00000001 4083
VCTSTPIP 00001 00000040 4087
VCTTEST  00001 00000008 4080
VCTTKTKA 00001 00000080 4086
VCTTRACV 00004   00003C 4040
VCTTRCER 00001 00000040 4107
VCTTRCOK 00001 00000020 4108
VCTTRCSH 00001 00000010 4109
VCTTRF   00001   00008A 4105
VCTULVB  00002   000074 4066
VCTUPINV 00001   00008B 4113
VCTVRCKE 00004   000038 4039
VCTVREST 00002   0000B4 4136
VCTVRRQE 00004   000034 4038
VCTVRT   00004   000044 4042
VCTVTINX 00004   0000B0 4134
VCTVXQGM 00002   0000B6 4137
VCTWTOER 00001 00000080 4106
VCTWTOSH 00001 00000004 4111
VCTXPACE 00002   000072 4065
VCTO1MOD 00001 00000040 4128
VDELETE  00001 00000010 7880
VERBCODE 00001   000006 7859
VERBINBY 00002   000007 7860
VERBNAME 00004   000000 7857
VERBPRMS 00001   000009 7861
VERBP1   00003   00000A 7862  7863 7874 7875
VERBP1BT 00001   000010 7867
VERBP1IC 00001   00000D 7864
VERBP1LN 00001   00000F 7866
VERBP1RT 00001   00000E 7865
VERBSIZE 00002   000004 7858
VFXDLN   00001 00000004 7882
VISBTVB  00001 00000008 8458
VLINE    00001 00000020 7894
VNIM     00001 000000F0 7898
VNIM2    00001 00000080 7902
VNOPIDS  00001 00000040 7892
VPREONLY 00001 00000080 7900
VRE      00008   000000 4277  4281 5832
VREABORT 00001 00000020 4292
VREACTCD 00001   000004 4289
VREALLOC 00001   000007 4303
```

SYMBOL	LEN	VALUE	DEFN	REFERENCES
VRECHAIN	00004	000000	4278	
VRECLDST	00001	00000008	4294	
VREFLCHN	00001	00000002	4296	
VRELEN	00001	00000078	5832	
VRELOGIC	00001	00000080	4290	
VRELUB	00004	000000	4282	
VRENPOOL	00001	000000FF	4304	
VREPTTVE	00001	00000008	7881	
VREQRD	00001	00000080	7877	
VRERESCH	00001	00000001	4297	
VRERPL	00004	000008	4306	5830
VRERPLEN	00001	00000070	5830	
VRERSYNC	00001	00000010	4293	
VRES	00001	00000010	7896	
VRESNEXR	00001	00000004	4295	
VREVTINA	00001	00000040	4291	
VRPDSECT	00001	00000000	1789	
VRPFLAGS	00001	000000	1790	
VRPLSR31	00001	00000008	1791	
VRPPARMS	00001	00000020	1795	
VRPRETCD	00001	000001	1792	
VRPSZTBL	00001	000002	1793	
VRQUNCH	00001	00000040	7878	
VRT	00008	000000	4270	4274 4276
VRTFREE	00004	000000	4271	
VRTLEN	00001	00000008	4274	
VRTNUM	00002	000004	4272	
VSAMREQ	00001	000000E5	1526	
VSAMSTOR	00001	00000008	1533	
VSDS	00001	00000080	1532	
VSMVEMOD	00001	00000002	1554	
VSQISAM	00001	00000020	1550	
VTBL	00001	00000000	7856	7875
VTDACQ	00001	00000020	4234	
VTDACTIV	00001	00000008	4236	
VTDCONN	00001	00000010	4235	
VTDCSB	00002	000010	4229	
VTDDFCHN	00001	00000001	4252	
VTDDLUAD	00004	00001C	4255	
VTDDLUID	00005	000017	4254	
VTDDVTID	00001	00000004	4249	
VTDDYN	00001	00000040	4233	
VTDERRDN	00001	00000004	4237	
VTDFLAG	00001	00000D	4224	
VTDFLAG1	00001	000014	4231	
VTDFLAG3	00001	000016	4243	
VTDICMID	00005	000008	4223	
VTDLGCNT	00002	00000E	4225	
VTDLGONF	00001	000015	4242	
VTDLSB	00002	000012	4230	
VTDLUCFL	00001	00000008	4248	
VTDRCON	00001	00000002	4239	
VTDSIMLG	00001	00000080	4232	
VTDSLU	00001	00000001	4240	
VTDSYLEN	00001	00000010	4226	

SYMBOL	LEN	VALUE	DEFN	REFERENCES
VTDTRCER	00001	00000040	4246	
VTDTRCOK	00001	00000080	4245	
VTDVTID	00008	000000	4222	
VTDYLEN	00001	00000020	4256	
VTIDTABD	00001	00000000	4221	4226 4256
VTRUNC	00001	00000003	7883	
VTRUNCL	00001	00000001	7884	
VXBIND	00004	000010	3999	
VXCID	00004	00000C	3994	
VXCNTDC	00001	000011	4008	
VXCNTDF	00001	000010	4007	
VXCNTRL	00003	000010	4006	
VXCNTSC	00001	000012	4009	
VXD	00004	00000C	3990	3993 4000 4002 4004
VXFILL	00002	00000A	3988	
VXFLAG	00001	000009	3984	
VXLINK	00004	000000	3970	
VXLTC	00001	00000C	4001	
VXLUB	00004	000004	3973	
VXNAME	00008	000010	3996	3998
VXNPOOL	00001	00000080	3985	
VXQCB	00001	00000000	3964	4012
VXQCBL	00001	00000020	4012	
VXSIGDA	00004	00000C	4005	
VXSVTID	00001	00000040	3986	
VXTDFASY	00001	00000004	3977	
VXTLOGON	00001	00000000	3976	
VXTLOSTM	00001	00000008	3978	
VXTNSXIT	00001	0000001C	3983	
VXTPC	00001	00000C	4003	
VXTRECVE	00001	00000018	3982	
VXTRELRQ	00001	0000000C	3979	
VXTSCIP	00001	00000010	3980	
VXTTPEND	00001	00000014	3981	
VXTYPE	00001	000008	3975	
VXUSER	00008	000018	3997	
VXVRE	00004	000004	3972	
WAITFLG	00001	00000001	1319	
WANTEOF	00001	00000020	3059	3067
WBLOKS	00002	0000DC	8407	
WCALLSW	00001	0000E7	8414	
WCHAIN	00001	00000080	8424	
WCHBUFF	00004	0000D8	8406	
WCHLEN	00002	0000E0	8409	
WDECAREA	00004	00005C	3292	
WDECLEN	00002	000060	3293	
WDECTYPE	00001	000051	3284	
WDIDENQ	00001	00000020	8434	
WDSCT	00004	0000A4	8404	
WEIDPAD	00004	0000FC	8440	
WENQID	00008	0000F0	8437	
WEXPARM	00001	00000040	8425	
WEXT	00004	00009C	8402	
WFLAGS	00001	000063	3295	
WFMTINPT	00001	00000080	3377	

SYMBOL LEN VALUE DEFN REFERENCES ASM H V 02 15.46 09/01/98

```
WFREE    00001 00000020 8426
WHALF    00002   0000E2 8410
WHDBUFF  00004   0000D4 8405
WHEAD    00001 00000008 8428
WINTLOCK 00001 00000002 8430
WLIST    00004   000084 8400
WLSTLN   00002   0000DE 8408
WNDEXBIT 00001   000062 3294
WOFFEXT  00002   0000E4 8411
WORKAREA 00001 00000000 3277  3379
WORKFLG  00001 00000020 1314
WORKLEN  00001 00000080 1501
WORKLEN  00001 00000000 8442  ****DUPLICATE****
WORKSECT 00001 00000000 1476  1501
WORKSIZE 00001 000000E0 3379
WORKSW   00001   0000E8 8423
WORKSW2  00001   0000E9 8431
WORKTID  00005   000180 1286
WPASS    00001 00000010 8427
WPOST    00001   0000E6 8413
WPOST2   00001 00000040 8433
WPURGE   00001 00000004 8429
WQBUILD  00001 00000004 8420
WQCLOSE  00001 00000002 8421
WQE      00001 00000000 1303  1311
WQEADR   00004   000008 1309
WQECBT   00004   000004 1307
WQEFLG   00001   000000 1304
WQELEN   00001 00000010 1311
WQELNK   00004   000000 1305
WQEPRI   00001   000004 1306
WQEPRM   00004   00000C 1310
WQETHRED 00001   000008 1308
WQOPEN   00001 00000008 8419
WQREAD   00001 00000080 8415
WQREADX  00001 00000040 8416
WQWRITE  00001 00000020 8417
WQWRITEX 00001 00000010 8418
WRBN     00004   000098 8401
WRBNSCF  00004   0000F8 8439
WRELBNO  00001   0000E6 8412
WRITERBN 00004   000150 1271
WRKDSECT 00001 00000000 8397  8442
WRMPURGE 00001 00000001 8422
WRRNREAD 00001 00000010 8435
WSAVAREA 00004   000048 8399
WSCFNAME 00008   0000F0 8438
WSENTEXT 00001 00000080 3296
WSTATUS  00004   0000A0 8403
WSWCH1   00001   0000DD 3376
WTRSAV2  00004   000054 3286
WTYPET   00001 00000080 8432
XSAVE    00004   000050 1529  1530 1531
XSAVE2   00004   00010C 1576
```