LENGTH OF PRG   00200

```
                IDENT     PSA
                INCLUDE   ↑SYSMAC
+001  SYSMAC    COSY/     03        V4.1      08/17/74  0453
*****************************************************************************
*                                                                           *
*          THIS SECTION PROVIDES THE PROGRAM STATUS AREA FOR                *
*     THE IDLE PROGRAM.                                                     *
*                                                                           *
*          WHEN A TELETYPE USER LOGS ON, A BLOCK OF FREE STORAGE            *
*     128 WORDS LONG IS RESERVED FOR THAT USERS PROGRAM STATUS              *
*     AREA.  HIS PSA IS THEN LINKED INTO A LIST WHICH CONTAINS ALL          *
*     PSA≠S.  WORD ZERO OF THE IDLE PSA POINTS TO THE FIRST USER AND        *
*     THE LAST USER POINTS BACK TO THE IDLE PSA.                            *
*                                                                           *
*          IN EVERY PSA, ALL PLACEMENT OF DATA IS DETERMINED BY THE         *
*     VALUES OF THE SYMBOLS WHICH ARE DEFINED IN THE IDLE PSA.              *
*     THESE SYMBOLS HAVE NON-RELOCATABLE VALUES BETWEEN 0 AND 127           *
*     AND ARE DECLARED AS ENTRY POINTS IN THIS SECTION.                     *
*                                                                           *
*          IN ADDITION TO PROVIDING A PSA FOR THE IDLE PROGRAM,             *
*     THE IDLE PSA IS USED AS A PROTOTYPE FOR EVERY NEW PSA                 *
*     GENERATED, AND AS SUCH IS COPIED INTO EACH NEW PSA BY THE             *
*     APPROPRIATE DEVICE DRIVERS, WHICH ALSO SET ALL WORDS NOT              *
*     INITIALIZED BY THIS STRATEGY.                                         *
*                                                                           *
*          ALSO INCLUDED IN THIS SECTION ARE BIT DEFINITIONS                *
*     FOR THE IOBOUND WORD.                                                 *
*                                                                           *
*          ALSO, THIS SECTION INCLUDES THE TABLE OF PSA                     *
*     POINTERS FOR ALL PSA≠S.  THIS TABLE CONTAINS THE PSA                  *
*     POINTERS AND INDICATES IF THE PSA IS IN LOGON OR LOGOFF               *
*     STATUS.                                                               *
*     THE TABLE IS SET WHENEVER A PSA IS CREATED OR DESTROYED,              *
*     OR CHANGES STATUS.                                                    *
*                                                                           *
*          A, Q, I1, I2, I3, PC, IS, AND CR SHOULD BE LEFT ALONE            *
*                                                                           *
*****************************************************************************
```

```
00001    40    ENTRY    A
00162    41    ENTRY    ACCNUM
00142    42    ENTRY    ACCSTUFF
00143    43    ENTRY    BCR
04004    44    ENTRY    CMBITS
00170    45    ENTRY    CMCODE
00020    46    ENTRY    CONWAIT
00010    47    ENTRY    CR
00200    48    ENTRY    CRWAIT
00100    49    ENTRY    DELAY
00011    50    ENTRY    E
00133    51    ENTRY    F1
00134    52    ENTRY    F2
00135    53    ENTRY    F3
00136    54    ENTRY    F4
00137    55    ENTRY    F5
00140    56    ENTRY    F6
00141    57    ENTRY    F7
00002    58    ENTRY    I0
00003    59    ENTRY    I1
00004    60    ENTRY    I2
00005    61    ENTRY    I3
00001    62    ENTRY    INBOUND
00020    63    ENTRY    IOBOUND
00172    64    ENTRY    IOUGLY
00007    65    ENTRY    IS
00167    66    ENTRY    ISFBLKS
10003    67    ENTRY    ITWAIT
04004    68    ENTRY    KBITS
00001    69    ENTRY    LPREC
00013    70    ENTRY    LJA
00015    71    ENTRY    LUNLIST
00014    72    ENTRY    LUNLISTX
00166    73    ENTRY    MFBLKLIM
00153    74    ENTRY    MFBLKS
00141    75    ENTRY    MFBLKSMZ
01000    76    ENTRY    MTWAIT
00016    77    ENTRY    NAMELIST
00004    78    ENTRY    NBITS
77577    79    ENTRY    NCRWAIT
77757    80    ENTRY    NCONWAIT
77667    81    ENTRY    NDELAY
66014    82    ENTRY    NIFWAIT
67764    83    ENTRY    NITWAIT
73773    84    ENTRY    NKBITS
76777    85    ENTRY    NMTWAIT
76277    86    ENTRY    NOPWAIT
77775    87    ENTRY    NOUTBND
73777    88    ENTRY    NQWAIT
77773    89    ENTRY    NMSWAIT
73774    90    ENTRY    NTBITS
67777    91    ENTRY    NTIMWAIT
67727    92    ENTRY    NTVWAIT
00400    93    ENTRY    OPWAIT
00002    94    ENTRY    OUTBOUND
00144    95    ENTRY    PAGEREQ
00006    96    ENTRY    PC
00021    97    ENTRY    PF1
00003    98    ENTRY    PLOTREC
00004    99    ENTRY    PTPREC
00002   100    ENTRY    PUNREC
00002   101    ENTRY    Q
04000   102    ENTRY    QWAIT
00065   103    ENTRY    RF
00105   104    ENTRY    RF60
00124   105    ENTRY    RF77
00014   106    ENTRY    SELECT
00156   107    ENTRY    SFBLKLIM
00154   108    ENTRY    SFBLKMAX
00155   109    ENTRY    SFBLKS
00006   110    ENTRY    MSFTIME
00004   111    ENTRY    MSWAIT
00017   112    ENTRY    SYSCM
00013   113    ENTRY    SYSCODE
00125   114    ENTRY    T1
00126   115    ENTRY    T2
00127   116    ENTRY    T3
00130   117    ENTRY    T4
00131   118    ENTRY    T5
```

```
                00132                   119                 ENTRY     I6
                00010                   120                 ENTRY     TDELAY
                00021                   121                 ENTRY     TERMINAL
                10043                   122                 ENTRY     TERMWAIT
                00151                   123                 ENTRY     TFBLKMAX
                00152                   124                 ENTRY     TFBLKS
                00147                   125                 ENTRY     TIMELEFT
                00164                   126                 ENTRY     TIMLIM
                10000                   127                 ENTRY     TIMEWAIT
                00146                   128                 ENTRY     TOTALTIM
                00165                   129                 ENTRY     TRUNTIME
                00160                   130                 ENTRY     TTCNT
                00157                   131                 ENTRY     TTFCHR
                00161                   132                 ENTRY     TTLCHR
                00040                   133                 ENTRY     TVWAIT
                00145                   134                 ENTRY     TXTOTAL
                00171                   135                 ENTRY     UDBITS
                00173                   135+001             ENTRY     UDESTLP
                00163                   136                 ENTRY     USRNUM
                00173                   136+001             ENTRY     UTAPEMAX
                00022                   137                 ENTRY     VMM
                00050                   138                 ENTRY     VMMCM
                00062                   139                 ENTRY     VMMSAVE
                00150                   140                 ENTRY     WCTIME
                00000  P                141                 ENTRY     XIDLE
                00011                   142                 ENTRY     ZLIST
                00143                   143                 ENTRY     ZLOC
                                        144
                                        145                 EXT       TTYUNIT
                                        146                 EXT       ZEROTRAK
                                        147
                                        148
                                        149
                00200                   150       BITS      EQU       200B
                00200                   151       PSALNTH   EQU       2**7                LENGTH OF A PSA
                                        152
                00000                   153       IMPURE    EQU       00000B
                                        154
                                        155
                00000  P                156       XIDLE     EQU       *
00000           000000 P                157       IDLE      00        *
                00001                   158       A         EQU       *-IDLE
00001           000000000               159                 OCT       000000000,000000000
                00002                   160       Q         EQU       A+1
                00002                   161       I0        EQU       *-IDLE-1                  REFERENCE POINT FOR INDEXING
00003           000000000               162                 VFD       A24/0,A24/0,A24/0,09/0,A15/IMPURE,A24/0,024/60
                00003                   163       I1        EQU       I0+1
                00004                   164       I2        EQU       I1+1
                00005                   165       I3        EQU       I2+1
                00006                   166       PC        EQU       I3+1
                00007                   167       IS        EQU       PC+1
                                        168       *                                     BIT 11 SEZ BCD FAULT
                                        169       *                                     BIT 10 SEZ DIVIDE FAULT
                                        170       *                                     BIT 9 SEZ ARITHMETIC OVERFLOW
                                        171       *                                     BIT 8 SEZ FLOATING POINT FAULT
                                        172       *                                     BITS 3 - 5 CONTAIN THE ISR
                                        173       *                                     BITS 0 - 2 CONTAIN THE OSR
                                        174
                00010                   175       CR        EQU       IS+1
                                        176       *                                     BIT23 INDICATES MEMORY PROTECTION
                                        177       *                                     BITS 22-15 ARE THE STATUS OF
                                        178       *                                     LOGICAL UNIT 100.
                                        179       *                                     BIT5 SEZ PROGRAM STATE
                                        180       *                                     BIT4 SEZ INTERRUPT ENABLED
                                        181       *                                     BIT3 SEZ PROGRAM STATE JUMP
                                        182       *                                     BIT2 SEZ ROS SET
                                        183       *                                     BIT1 SEZ DESTRUCTIVE LOAD SET
                                        184       *                                     BIT0 SEZ BOUNDARY JUMP SET
                00011                   185       E         EQU       *-IDLE
00011           000000000               186                 OCT       000000000,000000000       TWO WORDS TO SAVE E
                00013                   187       LJA       EQU       *-IDLE
00013           000000000               188                 VFD       A6/IMPURE,A1/0,A17/IMPURE
                00013                   189       SYSCODE   EQU       LJA
                                        190
                00014                   191       SELECT    EQU       *-IDLE
00014           000000000               192                 OCT       000000000                 POINTER TO THE SELECTED FILE
                                        193       *                                     CONTROL BLOCK
                                        194       *                                     UPPER 6 BITS ARE THE BATCH QUEUE
                                        195       *                                     ORIGIN IF BATCH
```

```
                00015                196       LUNLIST  EQU     *-IDLE
    00015   00077777 X                197                00      TTYUNIT                 POINTER TO THE LOGICAL UNIT LIST
                00014                198       LUNLISTX EQU     LUNLIST-1
                00016                199       NAMELIST EQU     *-IDLE
    00016   00000000                 200                OCT     00000000                POINTER TO NAMED UNIT LIST
                00017                201       SYSCM    EQU     *-IDLE
    00017   40000000                 202                VFD     A1/1,08/0,A15/IMPURE
                                     203       *                                        BIT 23 SEZ IN CONTROL MODE
                                     204       *                                        BIT14-00 POINT TO 16 WORD RFSAVE
                                     205       *                                        IF BIT 23 = 0, BIT 22-00
                                     206       *                                           CONTAINS THE CM RFSAVE (RF44)
```

```
                 00020     IOBOUND   EQU    *-IDLE
                 00001     INBOUND   EQU    00001B                  CTI WAIT
                 00002     OUTBOUND  EQU    00002B                  CTO WAIT
                 00004     MSWAIT    EQU    00004B                  BIT 2 SEZ DISK I/O IN PROGRESS
                 00010     TDELAY    EQU    00010B                  TIME DELAY
                 00020     CONWAIT   EQU    00020B                  CONSOLE TYPEWRITER WAIT
                 00040     TVWAIT    EQU    00040B                  BIT 5 SEZ TV WAIT
                 00100     DELAY     EQU    00100B                  DELAY UNDER HEAVY LOADING
                 00200     CRWAIT    EQU    00200B                  BIT 7 SEZ CARD READER WAIT
                 00400     OPWAIT    EQU    00400B                  BIT 8 SEZ OPERATOR WAIT
                 01000     MTWAIT    EQU    01000B                  BIT 9 SEZ MAG TAPE WAIT
                 04000     QWAIT     EQU    04000B
                 10000     TIMEWAIT  EQU    10000B                  USER TIME DELAY IN SECONDS
                           *                                        BIT 23 SEZ IGNORE ALL BITS EXCEPT
                           *                                        THOSE PRESENT IN NBITS

                 10003     ITWAIT    EQU    INBOUND+OUTBOUND+TIMEWAIT
                 10043     TERMWAIT  EQU    ITWAIT+TVWAIT           THESE BITS ARE NOT TIME CUT
                 00004     NBITS     EQU    MSWAIT                  THESE BITS ARE NOT NEGATED
                 04004     KBITS     EQU    MSWAIT+QWAIT
                 73773     NKBITS    EQU    -KBITS
                 73774     NTBITS    EQU    -QWAIT-INBOUND-OUTBOUND  THESE BITS ARE TIME CUT
                 04004     CMBITS    EQU    MSWAIT+QWAIT

                 77775     NOUTBND   EQU    -OUTBOUND
                 77757     NCONWAIT  EQU    -CONWAIT
                 66014     NIFWAIT   EQU    -(ITWAIT+TVWAIT+DELAY+CRWAIT+OPWAIT+MTWAIT+CONWAIT)
                 77667     NDELAY    EQU    -DELAY-TDELAY
                 67764     NITWAIT   EQU    -ITWAIT-TDELAY
                 77773     NMSWAIT   EQU    -MSWAIT
                 77577     NCRWAIT   EQU    -CRWAIT
                 76277     NOPWAIT   EQU    -OPWAIT-DELAY-MTWAIT
                 76777     NMTWAIT   EQU    -MTWAIT
                 73777     NQWAIT    EQU    -QWAIT
                 67727     NTVWAIT   EQU    -TVWAIT-TDELAY-TIMEWAIT
                 67777     NTIMWAIT  EQU    -TIMEWAIT
00020   00000400                     VFD    A24/OPWAIT              PREVENT IDLE BEING RUN AS A USER

                 00021     PF1       EQU    *-IDLE
00021   00000000                     VFD    A9/000,A15/00000
                 00021     TERMINAL  EQU    PF1                     TERMINAL NUMBER

                 00022     VMM       EQU    *-IDLE                  VIRTUAL MEMORY MAP AREA
00022   20077777           ZROPAGE   VFD    A9/BITS,A15/ZEROTRAK
00023   20000022                     VFD    A9/BITS,A15/ZEROTRAK
00024   20000023                     VFD    A9/BITS,A15/ZEROTRAK
00025   20000024                     VFD    A9/BITS,A15/ZEROTRAK
00026   20000025                     VFD    A9/BITS,A15/ZEROTRAK
00027   20000026                     VFD    A9/BITS,A15/ZEROTRAK
00030   20000027                     VFD    A9/BITS,A15/ZEROTRAK
00031   20000030                     VFD    A9/BITS,A15/ZEROTRAK
00032   20000031                     VFD    A9/BITS,A15/ZEROTRAK
00033   20000032                     VFD    A9/BITS,A15/ZEROTRAK
00034   20000033                     VFD    A9/BITS,A15/ZEROTRAK
00035   20000034                     VFD    A9/BITS,A15/ZEROTRAK
00036   20000035                     VFD    A9/BITS,A15/ZEROTRAK
00037   20000036                     VFD    A9/BITS,A15/ZEROTRAK
00040   20000037                     VFD    A9/BITS,A15/ZEROTRAK
00041   20000040                     VFD    A9/BITS,A15/ZEROTRAK
00042   20000041                     VFD    A9/BITS,A15/ZEROTRAK
00043   20000042                     VFD    A9/BITS,A15/ZEROTRAK
00044   20000043                     VFD    A9/BITS,A15/ZEROTRAK
00045   20000044                     VFD    A9/BITS,A15/ZEROTRAK
00046   20000045                     VFD    A9/BITS,A15/ZEROTRAK
00047   20000046                     VFD    A9/BITS,A15/ZEROTRAK
                 00050     VMMCM     EQU    *-IDLE                  FIRST CONTROL MODE PAGE
00050   20000047                     VFD    A9/BITS,A15/ZEROTRAK
00051   20000050                     VFD    A9/BITS,A15/ZEROTRAK
00052   20000051                     VFD    A9/BITS,A15/ZEROTRAK
00053   20000052                     VFD    A9/BITS,A15/ZEROTRAK
00054   20000053                     VFD    A9/BITS,A15/ZEROTRAK
00055   20000054                     VFD    A9/BITS,A15/ZEROTRAK
00056   20000055                     VFD    A9/BITS,A15/ZEROTRAK
00057   20000056                     VFD    A9/BITS,A15/ZEROTRAK
00060   20000057                     VFD    A9/BITS,A15/ZEROTRAK
00061   20000060                     VFD    A9/BITS,A15/ZEROTRAK
                 00062     VMMSAVE   EQU    *-IDLE                  SAVE AREA FOR 3 USER PAGES
00062   20000061                     VFD    A9/BITS,A15/ZEROTRAK
```

```
00063  200000062                287                VFD       A9/BITS;A15/ZEROTRAK
00064  200000063                288                VFD       A9/BITS;A15/ZEROTRAK
            00043               289     NPU        EQU       *-IDLE-VMM            NUMBER OF PAGES PER USER
            00065               290     RF         EQU       *-IDLE                REGISTER FILE BLOCK
00065                           291                BSS       32
            00105               292     RF60       EQU       RF+20B
            00124               293     RF77       EQU       RF+37B
                                294
            00125               295     T1         EQU       *-IDLE
00125                           296                BSS       6
            00126               297     T2         EQU       T1+1
            00127               298     T3         EQU       T2+1
            00130               299     T4         EQU       T3+1
            00131               300     T5         EQU       T4+1
            00132               301     T6         EQU       T5+1
            00133               302     F1         EQU       *-IDLE
00133                           303                BSS       7
            00134               304     F2         EQU       F1+1
            00135               305     F3         EQU       F2+1
            00136               306     F4         EQU       F3+1
            00137               307     F5         EQU       F4+1                  UPPER NINE BITS MUST BE ZERO
            00140               308     F6         EQU       F5+1
            00141               309     F7         EQU       F6+1
                                310
            00142               311     ACCSTUFF   EQU       *-IDLE                POINTER TO ACCOUNTING INFORMATION
00142                           312                BSS       1
                                313                ACBLKDEF
            00001               226     LPREC      EQU       1                     NORMAL LINE PRINTER RECORDS     *
                                227     .*************************************************************************
                                228     .*                                                                       *
            00002               229     PUNREC     EQU       LPREC+1               PUNCH RECORDS                   *
            00003               230     PLOTREC    EQU       3                     PLOTTER RECORDS                 *
            00004               231     PTPREC     EQU       4                     PAPER TAPE PUNCH RECORDS        *
            00005               232     UTLPREC    EQU       5                     200 UT LP RECORDS               *
            00006               233     MSFTIME    EQU       6                     SECONDS OF USER DISK PACK TIME  *
                                234     .*                                                                       *
                                235     .*************************************************************************
            00143               314     ZLOC       EQU       *-IDLE
                                315
            00143               316     BCR        EQU       *-IDLE                STORAGE FOR THE BCR REGISTER
00143                           317                BSS       1
                                318
            00144               319     PAGEREQ    EQU       *-IDLE                MEMORY SWAPPING ACTIVITY
00144                           320                BSS       1
            00145               321     TXTOTAL    EQU       *-IDLE                TAPE DRIVE TIME
00145                           322                BSS       1
            00146               323     TOTALTIM   EQU       *-IDLE                TOTAL TIME USED IN MILLISECONDS
00146                           324                BSS       2
            00147               325     TIMELEFT   EQU       TOTALTIM+1            AMOUNT OF TIME LEFT IN QUANTUM
                                326
            00150               327     WCTIME     EQU       *-IDLE                TOTAL WALL CLOCK TIME
00150                           328                BSS       1
            00151               329     TFBLKMAX   EQU       *-IDLE                MAXIMUM SCRATCH FILE BLOCKS USED
00151                           330                BSS       6
            00152               331     TFBLKS     EQU       TFBLKMAX+1            TOTAL SCRATCH FILE BLOCKS
            00153               332     MFBLKS     EQU       TFBLKS+1              LIMIT ON SCRATCH FILE BLOCKS
            00154               333     SFBLKMAX   EQU       TFBLKMAX+3            MAXIMUM SAVED FILE BLOCKS USED
            00011               334     ZLIST      EQU       SFBLKMAX-ZLOC
            00141               335     MFBLKSMZ   EQU       MFBLKS-ZLIST-1
            00155               336     SFBLKS     EQU       TFBLKS+3              TOTAL NUMBER OF SAVED FILE BLOCKS
            00156               337     SFBLKLIM   EQU       MFBLKS+3              LIMIT ON SAVED FILE BLOCKS
                                338
            00157               339     TTFCHR     EQU       *-IDLE                POINTER TO FIRST LINK OF CHAIN
00157                           340                BSS       3
            00160               341     TTCNT      EQU       TTFCHR+1              COUNT OF CHARACTERS IN THE CHAIN
            00161               342     TTLCHR     EQU       TTCNT+1               POINTER TO THE END OF THE CHAIN
            00162               343     ACCNUM     EQU       *-IDLE                ACCOUNT NUMBER OF THIS USER
00162  77777777                 344                VFD       A24/-IMPURE,H24/OS3
            00163               345     USRNUM     EQU       ACCNUM+1              USER CODE FOR THIS USER
            00163 P             346     SYSVAL     EQU       IDLE+USRNUM
            00164               347     TIMLIM     EQU       *-IDLE
00164                           348                BSS       1                     MAXIMUM ALLOWED CPU TIME
                                349     *                                        TAKEN FROM USER DIRECTORY
            00165               350     TRUNTIME   EQU       *-IDLE                UPPER LIMIT FOR TOTALTIM
00165                           351                BSS       1
            00166               352     MFBLKLIM   EQU       *-IDLE
00166                           353                BSS       1                     LIMIT ON FILE BLOCKS
            00167               354     ISFBLKS    EQU       *-IDLE                VALUE OF SFBLKS AT LOGIN TIME
00167                           355                BSS       1
```

```
                00170                   356       CMCODE   EQU       *-IDLE          CONTROL MODE REQUEST NUMBER
    00170                               357                BSS       1
                00171                   358       UDBITS   EQU       *-IDLE
    00171                               359                BSS       1               COPY OF USERS UDFLAGS
                00172                   360       IOUGLY   EQU       *-IDLE          COUNT OF THE NUMBER OF OUTPUT
    00172                               361                BSS       1               FILES THIS USER HAS GENERATED
                00173                   361+001   UDESTLP  EQU       *-IDLE          BITS 23-12 DEFAULT EDST FOR LP
                00173                   361+002   UTAPEMAX EQU       *-IDLE          BITS 11-7  MAXIMUM TAPES ALLOWED
    00173  000000000                    361+003            OCT       000000000
                                        361+004   *        BITS  6-0  TAPES IN USE
                00200 P                 362                ORGR      IDLE+PSALNTH    FILL THE REST OF THE PSA
                                        363                END
```

NO LINES WITH ERRORS

```
    A              E     00001          158       160  00003P       40  00000P
    ACCNUM         E     00162          343       345  00164P       41  00000P
    ACCSTUFF       E     00142          311        42  00000P
    BCR            E     00143          316        43  00000P
    BITS                 00200          150       252  00022P      253  00023P      254  00024P      255  00025P      256  00026P      257  00027P
                                                  258  00030P      259  00031P      260  00032P      261  00033P      262  00034P      263  00035P
                                                  264  00036P      265  00037P      266  00040P      267  00041P      268  00042P      269  00043P
                                                  270  00044P      271  00045P      272  00046P      273  00047P      275  00050P      276  00051P
                                                  277  00052P      278  00053P      279  00054P      280  00055P      281  00056P      282  00057P
                                                  283  00060P      284  00061P      286  00062P      287  00063P      288  00064P
    CMBITS         E     04004          231        44  00000P
    CMCODE         E     00170          356        45  00000P
    CONWAIT        E     00020          214       234  00020P      235  00020P       46  00000P
    CR             E     00010          175        47  00000P
    CRWAIT         E     00200          217       235  00020P      239  00020P       48  00000P
    DELAY          E     00100          216       235  00020P      236  00020P    239+1  00020P       49  00000P
    E              E     00011          185        50  00000P
    F1             E     00133          302       304  00142P       51  00000P
    F2             E     00134          304       305  00142P       52  00000P
    F3             E     00135          305       306  00142P       53  00000P
    F4             E     00136          306       307  00142P       54  00000P
    F5             E     00137          307       308  00142P       55  00000P
    F6             E     00140          308       309  00142P       56  00000P
    F7             E     00141          309        57  00000P
    I0             E     00002          161       163  00011P       58  00000P
    I1             E     00003          163       164  00011P       59  00000P
    I2             E     00004          164       165  00011P       60  00000P
    I3             E     00005          165       166  00011P       61  00000P
    IDLE                 00000P         157       158  00001P      161  00003P      185  00011P      187  00013P      191  00014P      196  00015P
                                                  199  00016P      201  00017P      209  00020P      247  00021P      251  00022P      274  00050P
                                                  285  00062P      289  00065P      290  00065P      295  00125P      302  00133P      311  00142P
                                                  314  00143P      316  00143P      319  00144P      321  00145P      323  00146P      327  00150P
                                                  329  00151P      339  00157P      343  00162P      346  00164P      347  00165P      350  00165P
                                                  352  00166P      354  00167P      356  00170P      358  00171P      360  00172P   361+1  00173P
                                               361+2  00173P      362  00174P
    IMPURE               00000          153       162  00006P      188  00013P      188  00013P      202  00017P      344  00162P
    INBOUND        E     00001          210       225  00020P      230  00020P       62  00000P
    IOBOUND        E     00020          209        63  00000P
    IOUGLY         E     00172          360        64  00000P
    IS             E     00007          167       175  00011P       65  00000P
    ISFBLKS        E     00167          354        66  00000P
    ITWAIT         E     10003          225       226  00020P      235  00020P      237  00020P       67  00000P
    KBITS          E     04004          228       229  00020P       68  00000P
    LJA            E     00013          187       189  00014P       70  00000P
    LPREC          E     00001          226       229  00143P       69  00000P
    LUNLIST        E     00015          196       198  00016P       71  00000P
    LUNLISTX       E     00014          198        72  00000P
    MFBLKLIM       E     00166          352        73  00000P
    MFBLKS         E     00153          332       335  00157P      337  00157P       74  00000P
    MFBLKSMZ       E     00141          335        75  00000P
    MSFTIME        E     00006          233       110  00000P
    MSWAIT         E     00004          212       227  00020P      228  00020P      231  00020P      238  00020P      111  00000P
    MTWAIT         E     01000          219       235  00020P   239+1   00020P      241  00020P       76  00000P
    NAMELIST       E     00016          199        77  00000P
    NBITS          E     00004          227        78  00000P
    NCONWAIT       E     77757          234        80  00000P
    NCRWAIT        E     77577          239        79  00000P
    NDELAY         E     77667          236        81  00000P
    NIFWAIT        E     66014          235        82  00000P
    NITWAIT        E     67764          237        83  00000P
    NKBITS         E     73773          229        84  00000P
    NMSWAIT        E     77773          238        89  00000P
    NMTWAIT        E     76777          241        85  00000P
    NOPWAIT        E     76277       239+1         86  00000P
    NOUTBND        E     77775          233        87  00000P
*   NPU                  00043          289
    NQWAIT         E     73777          242        88  00000P
    NTBITS         E     73774          230        90  00000P
    NTINWAIT       E     67777          244        91  00000P
    NTVWAIT        E     67727          243        92  00000P
    OPWAIT         E     00400          218       235  00020P   239+1   00020P       93  00000P      245  00020P
    OUTBOUND       E     00002          211       225  00020P      230  00020P      233  00020P       94  00000P
    PAGEREQ        E     00144          319        95  00000P
    PC             E     00006          166       167  00011P       96  00000P
    PF1            E     00021          247       249  00022P       97  00000P
    PLOTREC        E     00003          230        98  00000P
    PSALNTH              00200          151       362  00174P
    PTPREC         E     00004          231        99  00000P
    PUNREC         E     00002          229       100  00000P
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    Q              E     00002          160          101 00000P
    QWAIT          E     04000          220          228 00020P          230 00020P          231 00020P          242 00020P          102 00000P
    RF             E     00065          290          292 00125P          293 00125P          103 00000P
    RF60           E     00105          292          104 00000P
    RF77           E     00124          293          105 00000P
    SELECT         E     00014          191          106 00000P
    SFBLKLIM       E     00156          337          107 00000P
    SFBLKMAX       E     00154          333          334 00157P          108 00000P
    SFBLKS         E     00155          336          109 00000P
    SYSCM          E     00017          201          112 00000P
    SYSCODE        E     00013          189          113 00000P
*   SYSVAL               00163P         346
    T1             E     00125          295          297 00133P          114 00000P
    T2             E     00126          297          298 00133P          115 00000P
    T3             E     00127          298          299 00133P          116 00000P
    T4             E     00130          299          300 00133P          117 00000P
    T5             E     00131          300          301 00133P          118 00000P
    T6             E     00132          301          119 00000P
    TDELAY         E     00010          213          236 00020P          237 00020P          243 00020P          120 00000P
    TERMINAL       E     00021          249          121 00000P
    TERMWAIT       E     10043          226          122 00000P
    TFBLKMAX       E     00151          329          331 00157P          333 00157P          123 00000P
    TFBLKS         E     00152          331          332 00157P          336 00157P          124 00000P
    TIMELEFT       E     00147          325          125 00000P
    TIMEWAIT       E     10000          221          225 00020P          243 00020P          244 00020P          127 00000P
    TIMLIM         E     00164          347          126 00000P
    TOTALTIM       E     00146          323          325 00150P          128 00000P
    TRUNTIME       E     00165          350          129 00000P
    TTCNT          E     00160          341          342 00162P          130 00000P
    TTFCHR         E     00157          339          341 00162P          131 00000P
    TTLCHR         E     00161          342          132 00000P
    TTYUNIT        X                    145          197 00015P
    TVWAIT         E     00040          215          226 00020P          235 00020P          243 00020P          133 00000P
    TXTOTAL        E     00145          321          134 00000P
    UDBITS         E     00171          358          135 00000P
    UDESTLP        E     00173        361+1        135+1 00000P
    USRNUM         E     00163          345          346 00164P          136 00000P
    UTAPEMAX       E     00173        361+2        136+1 00000P
*   UTLPREC              00805          232
    VMM            E     00022          251          289 00065P          137 00000P
    VMMCM          E     00050          274          138 00000P
    VMMSAVE        E     00062          285          139 00000P
    WCTIME         E     00150          327          140 00000P
    XIDLE          E     00000P         156          141 00000P
    ZEROTRAK       X                    146          252 00022P          253 00023P          254 00024P          255 00025P          256 00026P          257 00027P
                                                     258 00030P          259 00031P          260 00032P          261 00033P          262 00034P          263 00035P
                                                     264 00036P          265 00037P          266 00040P          267 00041P          268 00042P          269 00043P
                                                     270 00044P          271 00045P          272 00046P          273 00047P          275 00050P          276 00051P
                                                     277 00052P          278 00053P          279 00054P          280 00055P          281 00056P          282 00057P
                                                     283 00060P          284 00061P          286 00062P          287 00063P          288 00064P
    ZLIST          E     00011          334          335 00157P          142 00000P
    ZLOC           E     00143          314          334 00157P          143 00000P
*   ZROPAGE              00022P         252
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