```
UUU         UUU  EEEEEEEEEEEEEE  TTTTTTTTTTTTTT  PPPPPPPPPPPP       SSSSSSSSSSSS  YYY           YYY
UUU         UUU  EEEEEEEEEEEEEE  TTTTTTTTTTTTTT  PPPPPPPPPPPP       SSSSSSSSSSSS  YYY           YYY
UUU         UUU  EEEEEEEEEEEEEE  TTTTTTTTTTTTTT  PPPPPPPPPPPP       SSSSSSSSSSSS  YYY           YYY
UUU         UUU  EEE                   TTT       PPP         PPP    SSS           YYY           YYY
UUU         UUU  EEE                   TTT       PPP         PPP    SSS           YYY          YYY
UUU         UUU  EEE                   TTT       PPP         PPP    SSS            YYY         YYY
UUU         UUU  EEE                   TTT       PPP         PPP    SSS             YYY      YYY
UUU         UUU  EEE                   TTT       PPP         PPP    SSS              YYY    YYY
UUU         UUU  EEE                   TTT       PPP         PPP    SSS               YYY  YYY
UUU         UUU  EEEEEEEEEEEE          TTT       PPPPPPPPPPPP          SSSSSSSSS         YYY
UUU         UUU  EEEEEEEEEEEE          TTT       PPPPPPPPPPPP          SSSSSSSSS         YYY
UUU         UUU  EEEEEEEEEEEE          TTT       PPPPPPPPPPPP          SSSSSSSSS         YYY
UUU         UUU  EEE                   TTT       PPP                         SSS         YYY
UUU         UUU  EEE                   TTT       PPP                         SSS         YYY
UUU         UUU  EEE                   TTT       PPP                         SSS         YYY
UUU         UUU  EEE                   TTT       PPP                         SSS         YYY
UUU         UUU  EEE                   TTT       PPP                         SSS         YYY
UUUUUUUUUUUUUUU  EEEEEEEEEEEEEE        TTT       PPP              SSSSSSSSSSSS          YYY
UUUUUUUUUUUUUUU  EEEEEEEEEEEEEE        TTT       PPP              SSSSSSSSSSSS          YYY
UUUUUUUUUUUUUUU  EEEEEEEEEEEEEE        TTT       PPP              SSSSSSSSSSSS          YYY
```

FILEID**SATSSF07

```
SSSSSSSS    AAAAAA    TTTTTTTTTT    SSSSSSSS    SSSSSSSS    FFFFFFFFFF    000000    77777777
SSSSSSSS    AAAAAA    TTTTTTTTTT    SSSSSSSS    SSSSSSSS    FFFFFFFFFF    000000    77777777
SS          AA    AA      TT        SS          SS          FF          00    00           77
SS          AA    AA      TT        SS          SS          FF          00    00           77
SS          AA    AA      TT        SS          SS          FF          00    0000         77
SS          AA    AA      TT        SS          SS          FF          00    0000         77
  SSSSSS    AA    AA      TT          SSSSSS      SSSSSS    FFFFFFF     00  00  00        77
  SSSSSS    AA    AA      TT          SSSSSS      SSSSSS    FFFFFFF     00  00  00        77
        SS  AAAAAAAAAA    TT                SS          SS  FF          0000    00      77
        SS  AAAAAAAAAA    TT                SS          SS  FF          0000    00      77
        SS  AA    AA      TT                SS          SS  FF          00    00       77
        SS  AA    AA      TT                SS          SS  FF          00    00       77
SSSSSSSS    AA    AA      TT        SSSSSSSS    SSSSSSSS    FF          000000    77         ....
SSSSSSSS    AA    AA      TT        SSSSSSSS    SSSSSSSS    FF          000000    77         ....
                                                                                           ....
```

```
LL          IIIIII      SSSSSSSS
LL          IIIIII      SSSSSSSS
LL            II      SS
LL            II      SS
LL            II      SS
LL            II        SSSSSS
LL            II        SSSSSS
LL            II              SS
LL            II              SS
LL            II              SS
LL            II              SS
LLLLLLLLLL  IIIIII      SSSSSSSS
LLLLLLLLLL  IIIIII      SSSSSSSS
```

SATSSF07
V04-000

N 12
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:36:06 VAX/VMS Macro V04-00   Page 1
                                        5-SEP-1984 04:28:11 [UETPSY.SRC]SATSSF07.MAR;1   (1)

```
0000     1              .TITLE  SATSSF07 - SATS SYSTEM SERVICE TESTS  (FAILING S.C.)
0000     2              .IDENT  'V04-000'
0000     3
0000     4    ;
0000     5    ;*******************************************************************
0000     6    ;*                                                                 *
0000     7    ;*  COPYRIGHT (c) 1978, 1980, 1982, 1984 BY                        *
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0000    23    ;*  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.        *
0000    24    ;*                                                                 *
0000    25    ;*                                                                 *
0000    26    ;*******************************************************************
0000    27    ;
0000    28
0000    29    ;++
0000    30    ; FACILITY:    SATS SYSTEM SERVICE TESTS
0C00    31    ;
0000    32    ; ABSTRACT:      THE SATSSF07 MODULE TESTS THE EXECUTION OF CERTAIN
0000    33    ; VMS SYSTEM SERVICES, INVOKED IN SUCH A WAY AS TO EXPECT FAILING
0000    34    ; STATUS CODES. THE SYSTEM SERVICES TESTED AND THE STATUS CODES
0000    35    ; EXPECTED ARE SUMMARIZED AS ARGUMENTS TO THE TESTSERV MACROS
0000    36    ; WHICH APPEAR NEAR THE END OF THIS LISTING. SUCCESSFUL STATUS
0000    37    ; CODES ARE TESTED IN OTHER MODULES.
0000    38    ;
0000    39    ;
0000    40    ; ENVIRONMENT:  USER MODE IMAGE; NEEDS CMKRNL PRIVILEGE,
0000    41    ;                        DYNAMICALLY ACQUIRES OTHER PRIVILEGES, AS NEEDED.
0000    42    ;
0000    43    ; AUTHOR: THOMAS L. CAFARELLA,          CREATION DATE: MMM, 1978
0000    44    ;         PAUL D. FAY (DISPSERV & TESTSERV MACROS)
0000    45    ;
0000    46    ; MODIFIED BY:
0000    47    ;
0000    48    ;              VERSION 1.50 : 25-MAY-79
0000    49    ;
0000    50    ;      V03-001 LDJ0001        Larry D. Jones,        11-Apr-1983
0000    51    ;              Removed the three 29 and a 34 testcase because of a restriction
0000    52    ;              removal from the exec.
0000    53    ;--
```

```
                0000    55              .SBTTL  DECLARATIONS
                0000    56  ;
                0000    57  ; INCLUDE FILES:
                0000    58  ;
                0000    59          $PRVDEF                         ; SYMBOL DEFS FOR PRIVILEGES
                0000    60          $UETPDEF                        ; UETP MSG CODE DEFINITIONS
                0000    61          $SHR_MESSAGES UETP,116,<<TEXT,INFO>>
                0000    62                                          ; DEFINE UETP$_TEXT
                0000    63          $DIBDEF                         ; DEFINE DEVICE INFO BLOCK OFFSETS
                0000    64          $JPIDEF                         ; DEFINE $GETJPI IDENTIFIERS
                0000    65          $PHDDEF                         ; PROCESS HEADER DEFINITION
                0000    66          $PCBDEF                         ; PROCESS CONTROL BLOCK DEFINITION
                0000    67          $STSDEF                         ; STATUS DEFINITION
                0000    68  ;
                0000    69  ; MACROS:
                0000    70  ;
                0000    71  ;
                0000    72  ; EQUATED SYMBOLS:
                0000    73  ;
00000000        0000    74  WARNING         = 0                     ; WARNING SEVERITY VALUE FOR MSGS
00000001        0000    75  SUCCESS         = 1                     ; SUCCESS SEVERITY VALUE FOR MSGS
00000002        0000    76  ERROR           = 2                     ; ERROR SEVERITY VALUE FOR MSGS
00000003        0000    77  INFO            = 3                     ; INFORMATIONAL SEV VALUE FOR MSGS
00000004        0000    78  SEVERE          = 4                     ; SEVERE (FATAL) SEV VALUE FOR MSGS
00000000        0000    79  TCG_NO          = 0                     ; INITIALIZE TEST CASE GROUP NUMBER
00000000        0000    80  GRP_TOTAL       = 0                     ; INITIALIZE TEST CASE GROUP TOTAL
00007FFF        0000    81  R0_THRU_SP      = ^M<R0,R1,R2,R3,R4,R5,R6,R7,R8,R9,R10,R11,AP,FP,SP>
00000040        0000    82  DETFLAG         = 64                    ; EVENT FLAG NO. FOR DETACHED PROC
00000001        0000    83  PIDADR_CWK10    = 1                     ; PIDADR ARG FOR CANWAK (LOCATION 1)
00000001        0000    84  PIDADR_WAK10    = 1                     ; PIDADR ARG FOR WAKE (LOCATION 1)
00000001        0000    85  PIDADR_DPC10    = 1                     ; PIDADR ARG FOR DELPRC (LOCATION 1)
00000001        0000    86  PIDADR_GJP20    = 1                     ; PIDADR ARG FOR GETJPI (LOCATION 1)
00000000        0000    87  UNKN2_GJP       = 0                     ; UNKN2 ARG FOR GETJPI (MISSING ARG)
                0000    88  ;
                0000    89  ; OWN STORAGE:
                0000    90  ;
```

```
                00000000      92          .PSECT  RODATA,RD,NOWRT,NOEXE,LONG
            BFFC 0000         93 REG_COMP_MASK: .WORD  ^M<R2,R3,R4,R5,R6,R7,R8,R9,R10,R11,AP,FP> ! ^X8000 -
                 0002         94                               ; REG COMPARE MASK (HIGH-ORDER ...
                 0002         95                               ; ... BIT MUST BE ON
                 0002         96 ERR_MSG_FAOCTL: STRING I,<!/!AC!1ZB!1ZB: REGISTER !2UW CONTENTS ALTERED>, -
                 0002         97                    <; BEFORE SERVICE CALL: !8XL    AFTER SERVICE CALL: !8XL>
                 006E         98 TEST_MOD_NAME:  STRING C,<SATSSF07>    ; TEST MODULE NAME
                 0077         99 TEST_MOD_BEG:   STRING C,<begun>       ; DISPOSITION FIELD OF TEST MOD MSG
                 007D        100 TEST_MOD_SUCC:  STRING C,<successful>  ; DISPOSITION FIELD OF TEST MOD MSG
                 0088        101 TEST_MOD_FAIL:  STRING C,<failed>      ; DISPOSITION FIELD OF TEST MOD MSG
                 008F        102 TEST_MOD_NAME_D: STRING I,<SATSSF07>   ; TEST MODULE NAME DESCRIPTOR
                 009F        103 TTNAME:         STRING I,<TT>          ; TERMINAL LOGICAL NAME
 00000000'00000000' 00A9     104 INADR:          .LONG   NOACCESS,NOACCESS ; PAGE ADDRESS OF NOACCESS PSECT
          00000000' 00B1     105 PROT:           .LONG   PRT$C_NA      ; PROTECTION CODE FOR NOACCESS PSECT
 FFFFFFFF FFFFFFFF  00B5     106 ONES:           .LONG   -1,-1         ; A QUADWORD OF 1-BITS
                 00BD        107 DETIMAGE:       STRING I,<SYSTST$RES:SATSUT01.EXE>
                 00DC        108                               ; IMAGE NAME FOR DETACHED PROCESS
                 00DC        109 DETNAME:        STRING I,<SATSSF07_DET> ; PRCNAM & MBOX NAME FOR DET PROC
                 00F0        110 ;PRCNAM_CWK29   = DETNAME      ; PRCNAM ARGUMENT FOR CANWAK
                 00F0        111 ;PRCNAM_WAK29   = DETNAME      ; PRCNAM ARGUMENT FOR WAKE
                 00F0        112 ;PRCNAM_DPC29   = DETNAME      ; PRCNAM ARGUMENT FOR DELPRC
                 00F0        113 ;PRCNAM_GJP34   = DETNAME      ; PRCNAM ARGUMENT FOR GETJPI
                 00F0        114 PRCNAM_CWK:     STRING I,<SATSSF07>   ; PRCNAM ARGUMENT FOR CANWAK
          00000001 0100      115 PRCNAM_CWK24:   .LONG   1            ; PRCNAM ARGUMENT FOR CANWAK
          00000000' 0104     116                 .ADDRESS NOACCESS    ; ......
                 0108        117 PRCNAM_CWK26:   STRING I,<SFCWK26>   ; PRCNAM ARGUMENT FOR CANWAK
          00000000 0117      118 PRCNAM_CWK27:   .LONG   0            ; PRCNAM ARGUMENT FOR CANWAK
                 011B        119 PRCNAM_CWK28:   STRING I,<SIXTEEN CHARS$$$>
                 0133        120                               ; PRCNAM ARGUMENT FOR CANWAK
                 0133        121 PRCNAM_WAK:     STRING I,<SATSSF07>   ; PRCNAM ARGUMENT FOR WAKE
          00000001 0143      122 PRCNAM_WAK24:   .LONG   1            ; PRCNAM ARGUMENT FOR WAKE
          00000000' 0147     123                 .ADDRESS NOACCESS    ; ......
                 014B        124 PRCNAM_WAK26:   STRING I,<SFWAK26>   ; PRCNAM ARGUMENT FOR WAKE
          00000000 015A      125 PRCNAM_WAK27:   .LONG   0            ; PRCNAM ARGUMENT FOR WAKE
                 015E        126 PRCNAM_WAK28:   STRING I,<SIXTEEN CHARS$$$>
                 0176        127                               ; PRCNAM ARGUMENT FOR WAKE
                 0176        128 PRCNAM_DPC:     STRING I,<SATSSF07>   ; PRCNAM ARGUMENT FOR DELPRC
          00000001 0186      129 PRCNAM_DPC24:   .LONG   1            ; PRCNAM ARGUMENT FOR DELPRC
          00000000' 018A     130                 .ADDRESS NOACCESS    ; ......
                 018E        131 PRCNAM_DPC26:   STRING I,<SFDPC26>   ; PRCNAM ARGUMENT FOR DELPRC
          00000000 019D      132 PRCNAM_DPC27:   .LONG   0            ; PRCNAM ARGUMENT FOR DELPRC
                 01A1        133 PRCNAM_DPC28:   STRING I,<SIXTEEN CHARS$$$>
                 01B9        134                               ; PRCNAM ARGUMENT FOR DELPRC
                 01B9        135 PRCNAM_GJP:     STRING I,<SATSSF07>   ; PRCNAM ARGUMENT FOR GETJPI
                 01C9        136 PRCNAM_GJP31:   STRING I,<SFGJP31>   ; PRCNAM ARGUMENT FOR GETJPI
          00000000 01D8      137 PRCNAM_GJP32:   .LONG   0            ; PRCNAM ARGUMENT FOR GETJPI
                 01DC        138 PRCNAM_GJP33:   STRING I,<SIXTEEN CHARS$$$>
                 01F4        139                               ; PRCNAM ARGUMENT FOR GETJPI
          00000000 01F4      140 UNKN1_GJP:      .LONG   0            ; UNKN1 ARGUMENT FOR GETJPI
              0004 01F8      141 ITMLST_GJP:     .WORD   4            ; ITMLST ARGUMENT FOR GETJPI
              0319 01FA      142                 .WORD   JPI$_PID
          000001A0' 01FC     143                 .LONG   JPIPID
 00000000 00000000 0200      144                 .LONG   0,0
              0004 0208      145 ITMLST_GJP41:   .WORD   4            ; ITMLST ARGUMENT FOR GETJPI
              FFFE 020A      146                 .WORD   ^XFFFE
          000001A0' 020C     147                 .LONG   JPIPID
 00000000 00000000 0210      148                 .LONG   0,0
```

```
        00000000   150           .PSECT  RWDATA,RD,WRT,NOEXE
00000004  0000   151  TPID:              .BLKL   1          ; PROCESS ID FOR THIS PROCESS
00000008  0004   152  CURRENT_TC:        .BLKL   1          ; PTR TO CURRENT TEST CASE
00000044  0008   153  REG_SAVE_AREA:     .BLKL   15         ; SAVE AREA FOR ALL REGS (SANS PC)
007480D9  0044   154  MOD_MSG_CODE:      .LONG   UETP$_SATSMS ; TEST MODULE MSG CODE FOR PUTMSG
0000004C  0048   155  CLOB_REG_NO:       .BLKL   1          ; CLOBBERED REG NO (FOR FAO ERR MSG)
00000050  004C   156  REG_BEFORE_SS:     .BLKL   1          ; REG CONTENTS BEFORE S.S.
          0050   157                                        ; ... (FOR FAO ERROR MSG)
00000054  0050   158  REG_AFTER_SS:      .BLKL   1          ; REG CONTENTS AFTER S.S.
          0054   159                                        ; ... (FOR FAO ERROR MSG)
          0054   160  $$TSTN$$:          STRING  C,<  SF  > ; ASCII PORTION OF TEST CASE NAME
0000006E' 005C   161  TMN_ADDR:          .ADDRESS TEST_MOD_NAME ; ADDR OF TEST MOD NAME FOR FAO
00000077' 006C   162  TMD_ADDR:          .ADDRESS TEST_MOD_SEG ; ADDR OF T.M. DISP FIELD FOR FAO
00000068  0064   163  TS_EP:             .BLKL   1          ; ENTRY PNT FOR CURR TESTSERV MACRO
00000070  0068   164  RETADR:            .BLKL   2          ; RETURN LONGWORDS FOR SETPRT
00000071  0070   165  PRVPRT:            .BLKB   1          ; PROT RETURN BYTE FOR SETPRT
00000079  0071   166  PRIVMASK:          .BLKQ   1          ; ADDR OF PRIVILEGE MASK (IN PHD)
0000007D  0079   167  CHM_CONT:          .BLKL   1          ; CHANGE MODE CONTINUE ADDRESS
00000091  007D   168  REGS:              .BLKL   5          ; AREA FOR COND INDEX REGS (R2-R6)
00000095  0091   169  DETUIC:            .BLKL   1          ; UIC FOR DETACHED PROCESS
00000099  0095   170  MBXCHAN:           .BLKL   1          ; CHAN NO. FOR MBOX FOR CREATED PROC
          0099   171  MBXCHANINFO:       STRING  0,75       ; CHANNEL INFO RETURNED BY GETCHN
000000F0  00EC   172  MBXUNIT:           .BLKL   1          ; SAVE AREA FOR MAILBOX UNIT NUMBER
          00F0   173  MBXBUFF:           STRING  0,120      ; MAILBOX BUFFER FOR CREATED PROCESS
00000174  0170   174  PIDADR_CWK:        .BLKL   1          ; PIDADR ARGUMENT FOR CANWAK
00000178  0174   175  PIDADR_CWK13:      .BLKL   1          ; PIDADR ARGUMENT FOR CANWAK
0000017C  0178   176  PIDADR_CWK14:      .BLKL   1          ; PIDADR ARGUMENT FOR CANWAK
00000180  017C   177  PIDADR_WAK:        .BLKL   1          ; PIDADR ARGUMENT FOR WAKE
00000184  0180   178  PIDADR_WAK13:      .BLKL   1          ; PIDADR ARGUMENT FOR WAKE
00000188  0184   179  PIDADR_WAK14:      .BLKL   1          ; PIDADR ARGUMENT FOR WAKE
0000018C  0188   180  PIDADR_DPC:        .BLKL   1          ; PIDADR ARGUMENT FOR DELPRC
00000190  018C   181  PIDADR_DPC13:      .BLKL   1          ; PIDADR ARGUMENT FOR DELPRC
00000194  0190   182  PIDADR_DPC14:      .BLKL   1          ; PIDADR ARGUMENT FOR DELPRC
00000198  0194   183  PIDADR_GJP:        .BLKL   1          ; PIDADR ARGUMENT FOR GETJPI
0000019C  0198   184  PIDADR_GJP21:      .BLKL   1          ; PIDADR ARGUMENT FOR GETJPI
000001A0  019C   185  PIDADR_GJP22:      .BLKL   1          ; PIDADR ARGUMENT FOR GETJPI
000001A4  01A0   186  JPIPID:            .BLKL   1          ; USED BY GETJPI
```

SATSSF07
V04-000

E 13
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:36:06 VAX/VMS Macro V04-00   Page 5
DECLARATIONS   5-SEP-1984 04:28:11 [UETPSY.SRC]SATSSF07.MAR;1   (1)

```
        00000000    188                  .PSECT   SATS_ACCVIO_1,RD,WRT,NOEXE,PAGE
00000200  0000    189 EMPTY:              .BLKB    512    ; RESERVE A PAGE OF SPACE
          0200    190 ;
          0200    191 ; +
          0200    192 ; *****************************************************************
          0200    193 ; *                                                               *
          0200    194 ; *       THE ORDER OF STATEMENTS IN THIS PSECT IS CRITICAL.      *
          0200    195 ; *       DO NOT RE-ARRANGE THE VARIABLES. CONSULT SATS           *
          0200    196 ; *       FUNCTIONAL SPECIFICATION FOR A DESCRIPTION OF THE USE    *
          0200    197 ; *       OF THE EMPTY PSECT (AND ITS COMPANION PSECT, NOACCESS).  *
          0200    198 ; *                                                               *
          0200    199 ; *****************************************************************
          0200    200 ; -
          0200    201
          0200    202 ; TYPE AAAAA_SSSX1 (TYPE AAAAA_SSSX2 IF NOT DESC) GO HERE:
000001FF  0200    203 PIDADR_CWK12     = . - 1       ; PIDADR ARGUMENT FOR CANWAK (LAST BYTE IN PAGE)
000001FF  0200    204 PRCNAM_CWK21     = . - 1       ; PRCNAM ARGUMENT FOR CANWAK (LAST BYTE IN PAGE)
000001FF  0200    205 PIDADR_WAK12     = . - 1       ; PIDADR ARGUMENT FOR WAKE (LAST BYTE IN PAGE)
000001FF  0200    206 PRCNAM_WAK21     = . - 1       ; PRCNAM ARGUMENT FOR WAKE (LAST BYTE IN PAGE)
000001FF  0200    207 PIDADR_DPC12     = . - 1       ; PIDADR ARGUMENT FOR DELPRC (LAST BYTE IN PAGE)
000001FF  0200    208 PRCNAM_DPC21     = . - 1       ; PRCNAM ARGUMENT FOR DELPRC (LAST BYTE IN PAGE)
000001F3  0200    209                  = . - 13      ; ALLOW ROOM FOR STRING DESCRIPTOR
          01F3    210 ; TYPE AAAAA_SSSX5 GO HERE:
          01F3    211 PRCNAM_CWK25:                  ; PRCNAM ARGUMENT FOR CANWAK
          01F3    212 PRCNAM_WAK25:                  ; PRCNAM ARGUMENT FOR WAKE
          01F3    213 PRCNAM_DPC25:                  ; PRCNAM ARGUMENT FOR DELPRC
00000006. 01F3    214                  .LONG    6    ; STRING LENGTH (WILL CROSS PSECT BOUNDARY)
000001FB' 01F7    215                  .ADDRESS .+4  ; STRING ADDRESS
          01FB    216 ; TYPE AAAAA_SSSX3 GO HERE:
          01FB    217 PRCNAM_CWK23:                  ; PRCNAM ARGUMENT FOR CANWAK
          01FB    218 PRCNAM_WAK23:                  ; PRCNAM ARGUMENT FOR WAKE
          01FB    219 PRCNAM_DPC23:                  ; PRCNAM ARGUMENT FOR DELPRC
000001FC  01FB    220                  .BLKB    1    ; LOW-ORDER BYTE OF STRING LENGTH
          01FC    221 ; TYPE AAAAA_SSSX2 GO HERE:
          01FC    222 PRCNAM_CWK22:                  ; PRCNAM ARGUMENT FOR CANWAK
          01FC    223 PRCNAM_WAK22:                  ; PRCNAM ARGUMENT FOR WAKE
          01FC    224 PRCNAM_DPC22:                  ; PRCNAM ARGUMENT FOR DELPRC
00000200  01FC    225                  .BLKL    1    ; STRING LENGTH
          0200    226 ;
          0200    227 ;
          0200    228 ;
          0200    229 ;
        00000000    230                  .PSECT   SATS_ACCVIO_2,RD,WRT,NOEXE,PAGE
00000200  0000    231 NOACCESS:           .BLKB    512    ; RESERVE A PAGE OF SPACE
00000000  0200    232                  . = . - 512   ; RETURN LOC CTR TO BEGINNING OF PSECT
00000000' 0000    233                  .ADDRESS EMPTY ; ADDRESS OF ACCESSIBLE STRING
00000000' 0004    234                  .ADDRESS EMPTY/^X100 ; ADDRESS OF ACCESSIBLE STRING
          0008    235 ;+
          0008    236 ; *** NOTE -- DO NOT CHANGE LOCATION OR SEQUENCE OF ABOVE STATEMENTS!
          0008    237 ; ***          THIS PSECT (NOACCESS) MUST APPEAR IN MEMORY IMMEDIATELY
          0008    238 ; ***          FOLLOWING THE EMPTY PSECT. PSECT NAMES AND OPTIONS WILL BE
          0008    239 ; ***          CHOSEN TO FORCE THE DESIRED PSECT ORDERING.
          0008    240 ;-
          0008    241 ;
          0008    242 ;
          0008    243 ;
          0008    244 ;
```

```
      00000000   0008   245 PIDADR_CWK11:   .LONG    0             ; PIDADR ARGUMENT FOR CANWAK
                  000C   246 PRCNAM_CWK20:   STRING   I,<SFCWK20> ; PRCNAM ARGUMENT FOR CANWAK
      00000000   001B   247 PIDADR_WAK11:   .LONG    0             ; PIDADR ARGUMENT FOR WAKE
                  001F   248 PRCNAM_WAK20:   STRING   I,<SFWAK20> ; PRCNAM ARGUMENT FOR WAKE
      00000000   002E   249 PIDADR_DPC11:   .LONG    0             ; PIDADR ARGUMENT FOR DELPRC
                  0032   250 PRCNAM_DPC20:   STRING   I,<SFDPC20> ; PRCNAM ARGUMENT FOR DELPRC
                  0041   251 PRCNAM_GJP30:   STRING   I,<SFGJP30> ; PRCNAM ARGUMENT FOR GETJPI
         0004     0050   252 ITMLST_GJP40:   .WORD    4             ; ITMLST ARGUMENT FOR GETJPI
         0319     0052   253                 .WORD    JPI$_PID
   000001A0'      0054   254                 .LONG    JPIPID
00000000 00000000  0058   255                 .LONG    0,0
      00000000          256             .PSECT  SATSSF07,RD,WRT,EXE,LONG
```

SATSSF07
V04-000

G 13
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:36:06   VAX/VMS Macro V04-00   Page   7
SATSSF07   5-SEP-1984 04:28:11   [UETPSY.SRC]SATSSF07.MAR;1   (1)

```
0000   258          .SBTTL  SATSSF07
0000   259   ;++
0000   260   ; FUNCTIONAL DESCRIPTION:
0000   261   ;
0000   262   ;           AFTER PERFORMING SOME INITIAL HOUSEKEEPING, SUCH AS
0000   263   ; PRINTING THE MODULE BEGIN MESSAGE AND ACQUIRING ALL PRIVILEGES,
0000   264   ; THE SATSSF07 ROUTINE EXECUTES THE TEST_SERV_EXEC MACRO TO RUN
0000   265   ; ALL TEST CASES. WHEN THE MACRO COMPLETES ITS EXECUTION, SATSSF07
0000   266   ; PRINTS A TEST MODULE SUCCESS OR FAIL MESSAGE AND EXITS TO THE
0000   267   ; OPERATING SYSTEM. TEST_SERV_EXEC CALLS THE TC_CONTROL/TESTSERV
0000   268   ; CO-ROUTINE PAIR ONCE PER TEST CASE GROUP TO EXECUTE ALL TEST
0000   269   ; CASES IN THAT GROUP. EACH TEST CASE GROUP IS DEFINED BY BOUNDING
0000   270   ; ITS TEST CASES WITH A TC_GROUP MACRO BEFORE THE FIRST TEST CASE
0000   271   ; AND A TCEND MACRO AFTER THE LAST ONE. THE TEST CASES THEMSELVES
0000   272   ; ARE DEFINED WITHIN THESE BOUNDS BY PRECEDING EACH WITH A
0000   273   ; NEXT_TEST_CASE MACRO. TC_CONTROL/TESTSERV EXECUTES THE CODE
0000   274   ; FOLLOWING EACH NEXT_TEST_CASE MACRO IMMEDIATELY BEFORE ISSUING
0000   275   ; THE SYSTEM SERVICE AS REQUESTED IN THE TESTSERV MACRO. TC_CONTROL/
0000   276   ; TESTSERV ALSO CHECKS THE RESULTS OF THE SERVICE WITH RESPECT
0000   277   ; TO ITS EXPECTED STATUS CODE AND PRINTS ANY REQUIRED FAILURE
0000   278   ; MESSAGES FOR THE TEST CASE. THE CODE APPEARING AFTER EACH
0000   279   ; NEXT_TEST_CASE MACRO IS MERELY TO SET UP CONDITIONS REQUIRED
0000   280   ; FOR THE SYSTEM SERVICE AND TO CLEAN UP ANY RESOURCES ACQUIRED
0000   281   ; BY THE PREVIOUS TEST CASE.
0000   282   ;
0000   283   ; CALLING SEQUENCE:
0000   284   ;
0000   285   ;     $ RUN SATSSF07  ...  (DCL COMMAND)
0000   286   ;
0000   287   ; INPUT PARAMETERS:
0000   288   ;
0000   289   ;     NONE
0000   290   ;
0000   291   ; IMPLICIT INPUTS:
0000   292   ;
0000   293   ;     NONE
0000   294   ;
0000   295   ; OUTPUT PARAMETERS:
0000   296   ;
0000   297   ;     NONE
0000   298   ;
0000   299   ; IMPLICIT OUTPUTS:
0000   300   ;
0000   301   ;     MESSAGES TO SYS$OUTPUT ARE THE ONLY OUTPUT FROM SATSSF07.
0000   302   ;     THEY ARE OF THE FORM:
0000   303   ;
0000   304   ;          %UETP-S-SATSMS, TEST MODULE SATSSF07 BEGUN ... (BEGIN MSG)
0000   305   ;          %UETP-S-SATSMS, TEST MODULE SATSSF07 SUCCESSFUL ... (END MSG)
0000   306   ;          %UETP-E-SATSMS, TEST MODULE SATSSF07 FAILED ... (END MSG)
0000   307   ;          %UETP-I-TEXT, ... (VARIABLE INFORMATION ABOUT A TEST MODULE FAILURE)
0000   308   ;
0000   309   ; COMPLETION CODES:
0000   310   ;
0000   311   ;     THE SATSSF07 ROUTINE TERMINATES WITH A $EXIT TO THE
0000   312   ;     OPERATING SYSTEM WITH A STATUS CODE DEFINED BY UETP$_SATSMS.
0000   313   ;
0000   314   ; SIDE EFFECTS:
```

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- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:36:06 VAX/VMS Macro V04-00 Page 8
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```
                              0000   315 :
                              0000   316 :        NONE
                              0000   317 :
                              0000   318 :--
                              0000   319
                              0000   320
                              0000   321
                              0000   322   SATSSF07:
                      OFFC    0000   323           .WORD    ^M<R2,R3,R4,R5,R6,R7,R8,R9,R10,R11>
                              0002   324                                        ; ENTRY MASK
                              0002   325           $WAKE_S  TPID                 ; GET PID OF THIS PROCESS
                              0011   326           $HIBER_S                      ; UNDO WAKE
                              0018   327           $SETPRN_S TEST_MOD_NAME_D     ; SET PROCESS NAME
                 17E9    30   0025   328           BSBW     MOD_MSG_PRINT        ; PRINT TEST MODULE BEGIN MSG
 00000060'EF    0000007D'EF   DE   0028   329       MOVAL    TEST_MOD_SUCC,TMD_ADDR ; ASSUME END MSG WILL SHOW SUCCESS
 00000044'EF    03   00   01  F0   0033   330       INSV     #SUCCESS,#0,#3,MOD_MSG_CODE ; ADJUST STATUS CODE FOR SUCCESS
                              003C   331           MODE     TO,10$,KRNL,NOREGS   ; KERNEL MODE TO ACCESS PHD
       59    00000000'9F   D0   0059   332         MOVL     @#CTL$GL_PHD,R9      ; GET PROCESS HEADER ADDRESS
          00000071'EF   69   DE   0060   333        MOVAL    PHD$Q_PRIVMSK(R9),PRIVMASK ; GET PRIV MASK ADDRESS
                              0067   334           MODE     FROM,TO$             ; GET BACK TO USER MODE
                              0068   335           PRIV     ADD,ALL              ; GET ALL PRIVILEGES
                              0088   336           $CREMBX_S CHAN=MBXCHAN, LOGNAM=DETNAME, -
                              0088   337                    MAXMSG=#120, PROMSK=#0, BUFQUO=#240
                              00AD   338                                        ; GET MAILBOX FOR PROCESS
                              00AD   339           $GETCHN_S CHAN=MBXCHAN, PRIBUF=MBXCHANINFO
                              00C7   340                                        ; GET CHAN INFO (UNIT NUMBER)
 000000EC'EF    000000AD'EF   3C   00C7   341       MOVZWL   MBXCHANINFO+8+DIB$W_UNIT,MBXUNIT
                              00D2   342                                        ; SAVE MAILBOX UNIT NUMBER
                              00D2   343           MODE     TO,20$,KRNL,NOREGS   ; KERNEL MODE TO ACCESS PCB
       59    00000000'9F   D0   00EF   344         MOVL     @#SCH$GL_CURPCB,R9   ; GET CURRENT PCB ADDRESS
 00000091'EF    00BC   C9   D0   00F6   345        MOVL     PCB$L_UIC(R9),DETUIC ; PICK UP UIC FROM PCB
                              00FF   346           MODE     FROM,20$             ; ... AND GET BACK TO USER MODE
                              0100   347           $CREPRC_S IMAGE=DETIMAGE, PRCNAM=DETNAME, -
                              0100   348                    UIC=DETUIC, MBXUNT=MBXUNIT
                              0132   349                                        ; CREATE DETACHED PROC WITH SAME UIC
                              0132   350           DISPSERV                      ; SET UP DISPLAY INFO FOR TESTSERV
                              02C7   351           $SETPRT_S INADR=INADR, RETADR=RETADR, -
                              02C7   352                    PROT=PROT, PRVPRT=PRVPRT
                              02E8   353                                        ; SET NOACCESS PSECT ...
                              02E8   354                                        ; ... FOR NO USER ACCESS
                 133F    31   02E8   355           BRW      EXECUTE              ; GO EXECUTE ALL TEST CASES
                              02EB   356           TC_GROUP          CWK,1,TS1
                              0312   357 :
                              0312   358           NEXT_TEST_CASE  SFCWK10
```

```
0312    359 ;
0312    360 ;++
0312    361 ;***************************************************************
0312    362 ; *
0312    363 ; *   TEST CASE NAME:            SFCWK10
0312    364 ; *
0312    365 ; *   SYSTEM SERVICE:            CANWAK
0312    366 ; *
0312    367 ; *   ARGUMENT UNDER TEST:       PIDADR_CWK10
0312    368 ; *
0312    369 ; *   INPUT CONDITIONS:
0312    370 ; *       PIDADR FIELD AT LOCATION 1
0312    371 ; *
0312    372 ; *   EXPECTED RESULTS:
0312    373 ; *       1) SYSTEM STATUS CODE:  ACCVIO
0312    374 ; *       2) REGISTERS R2 THROUGH FP UNCHANGED
0312    375 ; *
0312    376 ;***************************************************************
0312    377 ;--
0312    378 ;
0312    379           PRIV    ADD,ALL           ; GET BACK SOME PRIVS REMOVED BY PRIOR T.C.
0332    380 ;
0332    381           NEXT_TEST_CASE  SFCWK11
```

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SFCWK11   5-SEP-1984 04:28:11 [UETPSY.SRC]SATSSF07.MAR;1   (1)

```
033E    382 :
033E    383 :++
033E    384 : ***********************************************************
033E    385 : *
033E    386 : *  TEST CASE NAME:         SFCWK11
033E    387 : *
033E    388 : *  SYSTEM SERVICE:         CANWAK
033E    389 : *
033E    390 : *  ARGUMENT UNDER TEST:    PIDADR_CWK11
033E    391 : *
033E    392 : *  INPUT CONDITIONS:
033E    393 : *     PIDADR FIELD IN NON-ACCESSIBLE PSECT
033E    394 : *
033E    395 : *  EXPECTED RESULTS:
033E    396 : *     1) SYSTEM STATUS CODE:  ACCVIO
033E    397 : *     2) REGISTERS R2 THROUGH FP UNCHANGED
033E    398 : *
033E    399 : ***********************************************************
033E    400 :--
033E    401 :
033E    402 :
033E    403        NEXT_TEST_CASE  SFCWK12
```

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SATSSF07   - SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:36.06 VAX/VMS Macro V04-00   Page 11
V04-000   SFCWK12   5-SEP-1984 04:28:11 [UETPSY.SRC]SATSSF07.MAR;1   (1)

```
034A   404 :
034A   405 :++
034A   406 : ********************************************************
034A   407 : *
034A   408 : *   TEST CASE NAME:          SFCWK12
034A   409 : *
034A   410 : *   SYSTEM SERVICE:          CANWAK
034A   411 : *
034A   412 : *   ARGUMENT UNDER TEST:     PIDADR_CWK12
034A   413 : *
034A   414 : *   INPUT CONDITIONS:
034A   415 : *       PIDADR FIELD BEGINS IN ACCESSIBLE PSECT, ENDS
034A   416 : *          IN NON-ACCESSIBLE PSECT.
034A   417 : *
034A   418 : *   EXPECTED RESULTS:
034A   419 : *      1) SYSTEM STATUS CODE:  ACCVIO
034A   420 : *      2) REGISTERS R2 THROUGH FP UNCHANGED
034A   421 : *
034A   422 : ********************************************************
034A   423 :--
034A   424 :
034A   425 :
034A   426          NEXT_TEST_CASE  SFCWK13
```

```
                            0356    427 :
                            0356    428 :++
                            0356    429 : ************************************************************
                            0356    430 : *
                            0356    431 : *   TEST CASE NAME:           SFCWK13
                            0356    432 : *
                            0356    433 : *   SYSTEM SERVICE:           CANWAK
                            0356    434 : *
                            0356    435 : *   ARGUMENT UNDER TEST:      PIDADR_CWK13
                            0356    436 : *
                            0356    437 : *   INPUT CONDITIONS:
                            0356    438 : *       INVALID PROCESS ID
                            0356    439 : *
                            0356    440 : *   EXPECTED RESULTS:
                            0356    441 : *       1) SYSTEM STATUS CODE:  NONEXPR
                            0356    442 : *       2) REGISTERS R2 THROUGH FP UNCHANGED
                            0356    443 : *
                            0356    444 : ************************************************************
                            0356    445 :--
                            0356    446 :
00000174'EF    0000C000'EF   DO   0356    447            MOVL    TPID,PIDADR_CWK13 ; GET A VALID PID
00000174'EF    FF 8F        99   0361    448            CVTBW   #-1,PIDADR_CWK13  ; MAKE IT INVALID
                            0369    449 :
                            0369    450            NEXT_TEST_CASE   SFCWK14
```

```
                          0375    451  :
                          0375    452  :++
                          0375    453  : *****************************************************
                          0375    454  : *
                          0375    455  : *  TEST CASE NAME:          SFCWK14
                          0375    456  : *
                          0375    457  : *  SYSTEM SERVICE:          CANWAK
                          0375    458  : *
                          0375    459  : *  ARGUMENT UNDER TEST:     PIDADR_CWK14
                          0375    460  : *
                          0375    461  : *  INPUT CONDITIONS:
                          0375    462  : *     VALID, NON-EXISTENT PROCESS ID
                          0375    463  : *
                          0375    464  : *  EXPECTED RESULTS:
                          0375    465  : *     1) SYSTEM STATUS CODE:  NONEXPR
                          0375    466  : *     2) REGISTERS R2 THROUGH FP UNCHANGED
                          0375    467  : *
                          0375    468  : *****************************************************
                          0375    469  :--
                          0375    470  :
00000178'EF   00000000'EF  DO  0375  471          MOVL    TPID,PIDADR_CWK14 ; GET AN EXISTENT PID
0000017A'EF      1770 8F   BO  0380  472          MOVW    #6000,PIDADR_CWK14+2 ; MAKE IT NON-EXISTENT
                          0389    473  :
                          0389    474          NEXT_TEST_CASE  SFCWK20
```

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- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:36:06 VAX/VMS Macro V04-00   Page 14
SFCWK20   5-SEP-1984 04:28:11 [UETPSY.SRC]SATSSF07.MAR;1   (1)

```
                    0395   475 :
                    0395   476 :++
                    0395   477 : ******************************************************
                    0395   478 : *
                    0395   479 : *  TEST CASE NAME:          SFCWK20
                    0395   480 : *
                    0395   481 : *  SYSTEM SERVICE:          CANWAK
                    0395   482 : *
                    0395   483 : *  ARGUMENT UNDER TEST:     PRCNAM_CWK20
                    0395   484 : *
                    0395   485 : *  INPUT CONDITIONS:
                    0395   486 : *     PRCNAM STRING DESCRIPTOR LENGTH FIELD IN
                    0395   487 : *        NON-ACCESSIBLE PSECT.
                    0395   488 : *
                    0395   489 : *  EXPECTED RESULTS:
                    0395   490 : *     1) SYSTEM STATUS CODE:  ACCVIO
                    0395   491 : *     2) REGISTERS R2 THROUGH FP UNCHANGED
                    0395   492 : *
                    0395   493 : ******************************************************
                    0395   494 :--
                    0395   495 :
00000170'EF   D4    0395   496         CLRL     PIDADR_CWK      ; MAKE SURE PRCNAM IS USED BY CANWAK
                    039B   497 :
                    039B   498         NEXT_TEST_CASE  SFCWK21
```

```
                        03A7   499 :
                        03A7   500 :++
                        03A7   501 :****************************************************
                        03A7   502 : *
                        03A7   503 : *  TEST CASE NAME:          SFCWK21
                        03A7   504 : *
                        03A7   505 : *  SYSTEM SERVICE:          CANWAK
                        03A7   506 : *
                        03A7   507 : *  ARGUMENT UNDER TEST:     PRCNAM_CWK21
                        03A7   508 : *
                        03A7   509 : *  INPUT CONDITIONS:
                        03A7   510 : *     PRCNAM STRING DESCRIPTOR LENGTH FIELD BEGINS IN
                        03A7   511 : *        ACCESSIBLE PSECT, ENDS IN NON-ACCESSIBLE PSECT.
                        03A7   512 : *
                        03A7   513 : *  EXPECTED RESULTS:
                        03A7   514 : *     1) SYSTEM STATUS CODE:  ACCVIO
                        03A7   515 : *     2) REGISTERS R2 THROUGH FP UNCHANGED
                        03A7   516 : *
                        03A7   517 :****************************************************
                        03A7   518 :--
                        03A7   519 :
      00000170'EF   D4  03A7   520          CLRL    PIDADR_CWK     ; MAKE SURE PRCNAM IS USED BY CANWAK
                        03AD   521 :
                        03AD   522          NEXT_TEST_CASE  SFCWK22
```

```
                          03B9    523  :
                          03B9    524  :++
                          03B9    525  : *****************************************************
                          03B9    526  : *
                          03B9    527  : *  TEST CASE NAME:           SFCWK22
                          03B9    528  : *
                          03B9    529  : *  SYSTEM SERVICE:           CANWAK
                          03B9    530  : *
                          03B9    531  : *  ARGUMENT UNDER TEST:      PRCNAM_CWK22
                          03B9    532  : *
                          03B9    533  : *  INPUT CONDITIONS:
                          03B9    534  : *     PRCNAM STRING DESCRIPTOR ADDRESS FIELD IN
                          03B9    535  : *        NON-ACCESSIBLE PSECT.
                          03B9    536  : *
                          03B9    537  : *  EXPECTED RESULTS:
                          03B9    538  : *     1) SYSTEM STATUS CODE:  ACCVIO
                          03B9    539  : *     2) REGISTERS R2 THROUGH FP UNCHANGED
                          03B9    540  : *
                          03B9    541  : *****************************************************
                          03B9    542  :--
                          03B9    543  :
   00000170'EF   D4       03B9    544          CLRL    PIDADR_CWK      ; MAKE SURE PRCNAM IS USED BY CANWAK
  000001FC'EF    03  9A   03BF    545          MOVZBL  #3,PRCNAM_CWK22 ; ESTABLISH PRCNAM STRING LENGTH
                          03C6    546  :
                          03C6    547          NEXT_TEST_CASE  SFCWK23
```

```
                          03D2   548 ;
                          03D2   549 ;++
                          03D2   550 ; ************************************************************
                          03D2   551 ; *
                          03D2   552 ; *   TEST CASE NAME:            SFCWK23
                          03D2   553 ; *
                          03D2   554 ; *   SYSTEM SERVICE:            CANWAK
                          03D2   555 ; *
                          03D2   556 ; *   ARGUMENT UNDER TEST:       PRCNAM_CWK23
                          03D2   557 ; *
                          03D2   558 ; *   INPUT CONDITIONS:
                          03D2   559 ; *     PRCNAM STRING DESCRIPTOR ADDRESS FIELD BEGINS IN
                          03D2   560 ; *       ACCESSIBLE PSECT, ENDS IN NON-ACCESSIBLE PSECT.
                          03D2   561 ; *
                          03D2   562 ; *   EXPECTED RESULTS:
                          03D2   563 ; *     1) SYSTEM STATUS CODE:  ACCVIO
                          03D2   564 ; *     2) REGISTERS R2 THROUGH FP UNCHANGED
                          03D2   565 ; *
                          03D2   566 ; ************************************************************
                          03D2   567 ;--
                          03D2   568 ;
    00000170'EF    D4     03D2   569        CLRL    PIDADR_CWK      ; MAKE SURE PRCNAM IS USED BY CANWAK
 000001FB'EF    03  9A    03D8   570        MOVZBL  #3,PRCNAM_CWK23 ; ESTABLISH PRCNAM STRING LENGTH
                          03DF   571 ;
                          03DF   572        NEXT_TEST_CASE  SFCWK24
```

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- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:36:06   VAX/VMS Macro V04-00   Page 18
SFCWK24   5-SEP-1984 04:28:11   [UETPSY.SRC]SATSSF07.MAR;1   (1)

```
                        03EB    573 :
                        03EB    574 :++
                        03E9    575 : ***************************************************
                        03EB    576 : *
                        03EB    577 : *  TEST CASE NAME:          SFCWK24
                        03EB    578 : *
                        03EB    579 : *  SYSTEM SERVICE:          CANWAK
                        03EB    580 : *
                        03EB    581 : *  ARGUMENT UNDER TEST:     PRCNAM_CWK24
                        03EB    582 : *
                        03EB    583 : *  INPUT CONDITIONS:
                        03EB    584 : *     PRCNAM STRING IN NON-ACCESSIBLE PSECT
                        03EB    585 : *
                        03EB    586 : *  EXPECTED RESULTS:
                        03EB    587 : *     1) SYSTEM STATUS CODE:  ACCVIO
                        03EB    588 : *     2) REGISTERS R2 THROUGH FP UNCHANGED
                        03EB    589 : *
                        03EB    590 : ***************************************************
                        03EB    591 :--
                        03EB    592 :
00000170'EF    D4       03EB    593 :       CLRL    PIDADR_CWK      ; MAKE SURE PRCNAM IS USED BY CANWAK
                        03F1    594 :
                        03F1    595 :       TCEND
```

```
03F2   596            TC_GROUP       CWK,2,TS2
0419   597  ;
0419   598            NEXT_TEST_CASE  SFCWK25
```

```
                          0419    599 ;
                          0419    600 ;++
                          0419    601 ;**********************************************************
                          0419    602 ; *
                          0419    603 ; *    TEST CASE NAME:          SFCWK25
                          0419    604 ; *
                          0419    605 ; *    SYSTEM SERVICE:          CANWAK
                          0419    606 ; *
                          0419    607 ; *    ARGUMENT UNDER TEST:     PRCNAM_CWK25
                          0419    608 ; *
                          0419    609 ; *    INPUT CONDITIONS:
                          0419    610 ; *       PRCNAM STRING BEGINS IN ACCESSIBLE PSECT,
                          0419    611 ; *          ENDS IN NON-ACCESSIBLE PSECT.
                          0419    612 ; *
                          0419    613 ; *    EXPECTED RESULTS:
                          0419    614 ; *       1) SYSTEM STATUS CODE:  ACCVIO
                          0419    615 ; *       2) REGISTERS R2 THROUGH FP UNCHANGED
                          0419    616 ; *
                          0419    617 ;**********************************************************
                          0419    618 ;--
                          0419    619 ;
00000170'EF   D4          0419    620           CLRL    PIDADR_CWK       ; MAKE SURE PRCNAM IS USED BY CANWAK
                          041F    621 ;
                          041F    622           NEXT_TEST_CASE  SFCWK26
```

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- SATS SYSTEM SERVICE TESTS   (FAILING S. 16-SEP-1984 00:36:06 VAX/VMS Macro V04-00   Page 21
SFCWK26   5-SEP-1984 04:28:11 [UETPSY.SRC]SATSSF07.MAR;1   (1)

```
                    042B   623 :
                    042B   624 :++
                    042B   625 : ***************************************************
                    042B   626 : *
                    042B   627 : * TEST CASE NAME:          SFCWK26
                    042B   628 : *
                    042B   629 : * SYSTEM SERVICE:          CANWAK
                    042B   630 : *
                    042B   631 : * ARGUMENT UNDER TEST:     PRCNAM_CWK26
                    042B   632 : *
                    042B   633 : * INPUT CONDITIONS:
                    042B   634 : *    NON-EXISTENT PROCESS NAME
                    042B   635 : *
                    042B   636 : * EXPECTED RESULTS:
                    042B   637 : *    1) SYSTEM STATUS CODE:  NONEXPR
                    042B   638 : *    2) REGISTERS R2 THROUGH FP UNCHANGED
                    042B   639 : *
                    042B   640 : ***************************************************
                    042B   641 :--
                    042B   642 :
00000170'EF   D4    042B   643        CLRL    PIDADR_CWK      ; MAKE SURE PRCNAM IS USED BY CANWAK
                    0431   644 :
                    0431   645        NEXT_TEST_CASE  SFCWK27
```

```
043D    646 ;
043D    647 ;++
043D    648 ; *****************************************************************
043D    649 ; *
043D    650 ; *  TEST CASE NAME:          SFCWK27
043D    651 ; *
043D    652 ; *  SYSTEM SERVICE:          CANWAK
043D    653 ; *
043D    654 ; *  ARGUMENT UNDER TEST:     PRCNAM_CWK27
043D    655 ; *
```

```
                      043D    657 ; *  INPUT CONDITIONS:
                      043D    658 ; *      INVALID PROCESS NAME (LENGTH 0)
                      043D    659 ; *
                      043D    660 ; *  EXPECTED RESULTS:
                      043D    661 ; *      1) SYSTEM STATUS CODE:  IVLOGNAM
                      043D    662 ; *      2) REGISTERS R2 THROUGH FP UNCHANGED
                      043D    663 ; *
                      043D    664 ; ********************************************************
                      043D    665 ;--
                      043D    666 ;
    00000170'EF  D4   043D    667           CLRL    PIDADR_CWK      ; MAKE SURE PRCNAM IS USED BY CANWAK
                      0443    668 ;
                      0443    669           NEXT_TEST_CASE  SFCWK28
```

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V04-000   SFCWK28   5-SEP-1984 04:28:11 [UETPSY.SPC]SATSSF07.MAR;1   (2)

```
                         044F    670 :
                         044F    671 :++
                         044F    672 : ****************************************************************
                         044F    673 : *
                         044F    674 : *   TEST CASE NAME:              SFCWK28
                         044F    675 : *
                         044F    676 : *   SYSTEM SERVICE:             CANWAK
                         044F    677 : *
                         044F    678 : *   ARGUMENT UNDER TEST:        PRCNAM_CWK28
                         044F    679 : *
                         044F    680 : *   INPUT CONDITIONS:
                         044F    681 : *      INVALID PROCESS NAME (LENGTH 16)
                         044F    682 : *
                         044F    683 : *   EXPECTED RESULTS:
                         044F    684 : *      1) SYSTEM STATUS CODE:   IVLOGNAM
                         044F    685 : *      2) REGISTERS R2 THROUGH FP UNCHANGED
                         044F    686 : *
                         044F    687 : ****************************************************************
                         044F    688 :--
                         044F    689 :
  00000170'EF    D4      044F    690           CLRL    PIDADR_CWK      ; MAKE SURE PRCNAM IS USED BY CANWAK
                         0455    691 :
                         0455    692 :         NEXT_TEST_CASE  SFCWK29
                         0455    693 :
                         0455    694 :++
                         0455    695 : ****************************************************************
                         0455    696 : *
                         0455    697 : *   TEST CASE NAME:              SFCWK29
                         0455    698 : *
                         0455    699 : *   SYSTEM SERVICE:             CANWAK
                         0455    700 : *
                         0455    701 : *   ARGUMENT UNDER TEST:        PRCNAM_CWK29
                         0455    702 : *
                         0455    703 : *   INPUT CONDITIONS:
                         0455    704 : *      CANWAK ISSUED FOR EXISTING PROCESS WHICH IS NOT A
                         0455    705 : *        SUBPROCESS OF THIS PROCESS, AND THIS PROCESS HAS
                         0455    706 : *        NO GROUP OR WORLD PRIVILEGE.
                         0455    707 : *
                         0455    708 : *   EXPECTED RESULTS:
                         0455    709 : *      1) SYSTEM STATUS CODE:   NOPRIV
                         0455    710 : *      2) REGISTERS R2 THROUGH FP UNCHANGED
                         0455    711 : *
                         0455    712 : ****************************************************************
                         0455    713 :--
                         0455    714 :
                         0455    715           PRIV    REM,GROUP       ; REMOVE GROUP PRIVILEGE
                         0475    716           PRIV    REM,WORLD       ; REMOVE WORLD PRIVILEGE
  00000170'EF    D4      0495    717           CLRL    PIDADR_CWK      ; MAKE SURE PRCNAM IS USED BY CANWAK
                         049B    718 :
                         049B    719           TCEND
```

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- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:36:06 VAX/VMS Macro V04-00   Page 25
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```
049C   720              TC_GROUP        WAK,1,TS3
04C3   721 ;
04C3   722 ;            NEXT_TEST_CASE  SFWAK10
```

SATSSF07
V04-000

M 14
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:36:06 VAX/VMS Macro V04-00   Page 26
SFWAK10   5-SEP-1984 04:28:11 [UETPSY.SRC]SATSSF07.MAR;1   (2)

```
04C3   723  :
04C3   724  ;++
04C3   725  ;********************************************************
04C3   726  ; *
04C3   727  ; *   TEST CASE NAME:          SFWAK10
04C3   728  ; *
04C3   729  ; *   SYSTEM SERVICE:          WAKE
04C3   730  ; *
04C3   731  ; *   ARGUMENT UNDER TEST:     PIDADR_WAK10
04C3   732  ; *
04C3   733  ; *   INPUT CONDITIONS:
04C3   734  ; *      PIDADR FIELD AT LOCATION 1
04C3   735  ; *
04C3   736  ; *   EXPECTED RESULTS:
04C3   737  ; *      1) SYSTEM STATUS CODE:  ACCVIO
04C3   738  ; *      2) REGISTERS R2 THROUGH FP UNCHANGED
04C3   739  ; *
04C3   740  ;********************************************************
04C3   741  ;--
04C3   742  ;
04C3   743           PRIV    ADD,ALL          ; GET BACK SOME PRIVS REMOVED BY PRIOR T.C.
04E3   744  ;
04E3   745           NEXT_TEST_CASE  SFWAK11
```

```
                  04EF    746 ;
                  04EF    747 ;++
                  04EF    748 ;  **********************************************************
                  04EF    749 ;  *
                  04EF    750 ;  *  TEST CASE NAME:          SFWAK11
                  04EF    751 ;  *
                  04EF    752 ;  *  SYSTEM SERVICE:          WAKE
                  04EF    753 ;  *
                  04EF    754 ;  *  ARGUMENT UNDER TEST:     PIDADR_WAK11
                  04EF    755 ;  *
                  04EF    756 ;  *  INPUT CONDITIONS:
                  04EF    757 ;  *     PIDADR FIELD IN NON-ACCESSIBLE PSECT
                  04EF    758 ;  *
                  04EF    759 ;  *  EXPECTED RESULTS:
                  04EF    760 ;  *     1) SYSTEM STATUS CODE:  ACCVIO
                  04EF    761 ;  *     2) REGISTEPS R2 THROUGH FP UNCHANGED
                  04EF    762 ;  *
                  04EF    763 ;  **********************************************************
                  04EF    764 ;--
                  04EF    765 ;
                  04EF    766 ;
                  04EF    767          NEXT_TEST_CASE  SFWAK12
```

B 15

SATSSF07   - SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:36:06   VAX/VMS Macro V04-00   Page 28   SA
V04-000   SFWAK12   5-SEP-1984 04:28:11   [UETPSY.SRC]SATSSF07.MAR;1   (2)   V0

```
04FB    768 ;
04FB    769 ;++
04FB    770 ; ****************************************************************
04FB    771 ; *
04FB    772 ; *   TEST CASE NAME:            SFWAK12
04FB    773 ; *
04FB    774 ; *   SYSTEM SERVICE:            WAKE
04FB    775 ; *
04FB    776 ; *   ARGUMENT UNDER TEST:       PIDADR_WAK12
04FB    777 ; *
04FB    778 ; *   INPUT CONDITIONS:
04FB    779 ; *       PIDADR FIELD BEGINS IN ACCESSIBLE PSECT, ENDS
04FB    780 ; *          IN NON-ACCESSIBLE PSECT.
04FB    781 ; *
04FB    782 ; *   EXPECTED RESULTS:
04FB    783 ; *       1) SYSTEM STATUS CODE:  ACCVIO
04FB    784 ; *       2) REGISTERS R2 THROUGH FP UNCHANGED
04FB    785 ; *
04FB    786 ; ****************************************************************
04FB    787 ;--
04FB    788 ;
04FB    789 ;
04FB    790            NEXT_TEST_CASE  SFWAK13
```

```
                         0507    791 :
                         0507    792 :++
                         0507    793 : ********************************************************
                         0507    794 : *
                         0507    795 : *  TEST CASE NAME:          SFWAK13
                         0507    796 : *
                         0507    797 : *  SYSTEM SERVICE:          WAKE
                         0507    798 : *
                         0507    799 : *  ARGUMENT UNDER TEST:     PIDADR_WAK13
                         0507    800 : *
                         0507    801 : *  INPUT CONDITIONS:
                         0507    802 : *    INVALID PROCESS ID
                         0507    803 : *
                         0507    804 : *  EXPECTED RESULTS:
                         0507    805 : *    1) SYSTEM STATUS CODE: NONEXPR
                         0507    806 : *    2) REGISTERS R2 THROUGH FP UNCHANGED
                         0507    807 : *
                         0507    808 : ********************************************************
                         0507    809 :--
                         0507    810 :
00000180'EF   00000000'EF   DO  0507    811       MOVL    TPID,PIDADR_WAK13 ; GET A VALID PID
00000180'EF     FF 8F   99  0512    812       CVTBW   #-1,PIDADR_WAK13  ; MAKE IT INVALID
                         051A    813 :
                         051A    814       NEXT_TEST_CASE  SFWAK14
```

```
                              0526    815 ;
                              0526    816 ;++
                              0526    817 ; ***************************************************************
                              0526    818 ; *
                              0526    819 ; *   TEST CASE NAME:          SFWAK14
                              0526    820 ; *
                              0526    821 ; *   SYSTEM SERVICE:          WAKE
                              0526    822 ; *
                              0526    823 ; *   ARGUMENT UNDER TEST:     PIDADR_WAK14
                              0526    824 ; *
                              0526    825 ; *   INPUT CONDITIONS:
                              0526    826 ; *      VALID, NON-EXISTENT PROCESS ID
                              0526    827 ; *
                              0526    828 ; *   EXPECTED RESULTS:
                              0526    829 ; *      1) SYSTEM STATUS CODE:  NONEXPR
                              0526    830 ; *      2) REGISTERS R2 THROUGH FP UNCHANGED
                              0526    831 ; *
                              0526    832 ; ***************************************************************
                              0526    833 ;--
                              0526    834 ;
00000184'EF   00000000'EF  DO  0526    835          MOVL    TPID,PIDADR_WAK14 ; GET AN EXISTENT PID
00000186'EF      1770 8F  BO  0531    836          MOVW    #6000,PIDADR_WAK14+2 ; MAKE IT NON-EXISTENT
                              053A    837 ;
                              053A    838          NEXT_TEST_CASE  SFWAK20
```

```
                    0546   839  ;++
                    0546   840  ;
                    0546   841  ; ********************************************************
                    0546   842  ; *
                    0546   843  ; *   TEST CASE NAME:          SFWAK20
                    0546   844  ; *
                    0546   845  ; *   SYSTEM SERVICE:          WAKE
                    0546   846  ; *
                    0546   847  ; *   ARGUMENT UNDER TEST:     PRCNAM_WAK20
                    0546   848  ; *
                    0546   849  ; *   INPUT CONDITIONS:
                    0546   850  ; *     PRCNAM STRING DESCRIPTOR LENGTH FIELD IN
                    0546   851  ; *        NON-ACCESSIBLE PSECT.
                    0546   852  ; *
                    0546   853  ; *   EXPECTED RESULTS:
                    0546   854  ; *     1) SYSTEM STATUS CODE:  ACCVIO
                    0546   855  ; *     2) REGISTERS R2 THROUGH FP UNCHANGED
                    0546   856  ; *
                    0546   857  ; ********************************************************
                    0546   858  ;--
                    0546   859  ;
0000017C'EF  D4     0546   860          CLRL    PIDADR_WAK      ; MAKE SURE PRCNAM IS USED BY WAKE
                    054C   861  ;
                    054C   862          NEXT_TEST_CASE  SFWAK21
```

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F 15
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:36:06   VAX/VMS Macro V04-00   Page 32
SFWAK21   5-SEP-1984 04:28:11   [UETPSY.SRC]SATSSF07.MAR;1   (2)

```
                     0558   863 :
                     0558   864 :++
                     0558   865 : *****************************************************
                     0558   866 : *
                     0558   867 : *   TEST CASE NAME:          SFWAK21
                     0558   868 : *
                     0558   869 : *   SYSTEM SERVICE:          WAKE
                     0558   870 : *
                     0558   871 : *   ARGUMENT UNDER TEST:     PRCNAM_WAK21
                     0558   872 : *
                     0558   873 : *   INPUT CONDITIONS:
                     0558   874 : *      PRCNAM STRING DESCRIPTOR LENGTH FIELD BEGINS IN
                     0558   875 : *         ACCESSIBLE PSECT, ENDS IN NON-ACCESSIBLE PSECT.
                     0558   876 : *
                     0558   877 : *   EXPECTED RESULTS:
                     0558   878 : *      1) SYSTEM STATUS CODE:  ACCVIO
                     0558   879 : *      2) REGISTERS R2 THROUGH FP UNCHANGED
                     0558   880 : *
                     0558   881 : *****************************************************
                     0558   882 :--
                     0558   883 :
    0000017C'EF   D4 0558   884          CLRL    PIDADR_WAK      ; MAKE SURE PRCNAM IS USED BY WAKE
                     055E   885 :
                     055E   886          NEXT_TEST_CASE  SFWAK22
```

```
                          056A  887 :
                          056A  888 :++
                          056A  889 : ************************************************************
                          056A  890 : *
                          056A  891 : *    TEST CASE NAME:            SFWAK22
                          056A  892 : *
                          056A  893 : *    SYSTEM SERVICE:            WAKE
                          056A  894 : *
                          056A  895 : *    ARGUMENT UNDER TEST:       PRCNAM_WAK22
                          056A  896 : *
                          056A  897 : *    INPUT CONDITIONS:
                          056A  898 : *       PRCNAM STRING DESCRIPTOR ADDRESS FIELD IN
                          056A  899 : *          NON-ACCESSIBLE PSECT.
                          056A  900 : *
                          056A  901 : *    EXPECTED RESULTS:
                          056A  902 : *       1) SYSTEM STATUS CODE:  ACCVIO
                          056A  903 : *       2) REGISTERS R2 THROUGH FP UNCHANGED
                          056A  904 : *
                          056A  905 : ************************************************************
                          056A  906 :--
                          056A  907 :
   0000017C'EF   D4       056A  908         CLRL    PIDADR_WAK      ; MAKE SURE PRCNAM IS USED BY WAKE
   000001FC'EF   03   9A  0570  909         MOVZBL  #3,PRCNAM_WAK22 ; ESTABLISH PRCNAM STRING LENGTH
                          0577  910 :
                          0577  911         NEXT_TEST_CASE  SFWAK23
```

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H 15
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:36:06 VAX/VMS Macro V04-00   Page 34
SFWAK23   5-SEP-1984 04:28:11 [UETPSY.SRC]SATSSF07.MAR;1   (2)

```
                          0583   912 ;
                          0583   913 ;++
                          0583   914 ; ****************************************************
                          0583   915 ; *
                          0583   916 ; *   TEST CASE NAME:          SFWAK23
                          0583   917 ; *
                          0583   918 ; *   SYSTEM SERVICE:          WAKE
                          0583   919 ; *
                          0583   920 ; *   ARGUMENT UNDER TEST:     PRCNAM_WAK23
                          0583   921 ; *
                          0583   922 ; *   INPUT CONDITIONS:
                          0583   923 ; *     PRCNAM STRING DESCRIPTOR ADDRESS FIELD BEGINS IN
                          0583   924 ; *        ACCESSIBLE PSECT, ENDS IN NON-ACCESSIBLE PSECT.
                          0583   925 ; *
                          0583   926 ; *   EXPECTED RESULTS:
                          0583   927 ; *     1) SYSTEM STATUS CODE:  ACCVIO
                          0583   928 ; *     2) REGISTERS R2 THROUGH FP UNCHANGED
                          0583   929 ; *
                          0583   930 ; ****************************************************
                          0583   931 ;--
                          0583   932 ;
      0000017C'EF   D4    0583   933         CLRL    PIDADR_WAK       ; MAKE SURE PRCNAM IS USED BY WAKE
      000001FB'EF   03 9A 0589   934         MOVZBL  #3,PRCNAM_WAK23  ; ESTABLISH PRCNAM STRING LENGTH
                          0590   935 ;
                          0590   936         NEXT_TEST_CASE  SFWAK24
```

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I 15
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:36:06 VAX/VMS Macro V04-00   Page 35
SFWAK24   5-SEP-1984 04:28:11 [UETPSY.SRC]SATSSF07.MAR;1   (2)

```
                     059C    937 ;
                     059C    938 ;++
                     059C    939 ; ****************************************************************
                     059C    940 ; *
                     059C    941 ; *   TEST CASE NAME:          SFWAK24
                     059C    942 ; *
                     059C    943 ; *   SYSTEM SERVICE:          WAKE
                     059C    944 ; *
                     059C    945 ; *   ARGUMENT UNDER TEST:     PRCNAM_WAK24
                     059C    946 ; *
                     059C    947 ; *   INPUT CONDITIONS:
                     059C    948 ; *      PRCNAM STRING IN NON-ACCESSIBLE PSECT
                     059C    949 ; *
                     059C    950 ; *   EXPECTED RESULTS:
                     059C    951 ; *      1) SYSTEM STATUS CODE:  ACCVIO
                     059C    952 ; *      2) REGISTERS R2 THROUGH FP UNCHANGED
                     059C    953 ; *
                     059C    954 ; ****************************************************************
                     059C    955 ;--
                     059C    956 ;
0000017C'EF   D4     059C    957          CLRL    PIDADR_WAK    ; MAKE SURE PRCNAM IS USED BY WAKE
                     05A2    958 ;
                     05A2    959          TCEND
```

```
                05A3   960          TC_GROUP        WAK,2,TS4
                05CA   961  ;
                05CA   962          NEXT_TEST_CASE  SFWAK25
```

```
                    05CA     963 :
                    05CA     964 :++
                    05CA     955 : ************************************************************
                    05CA     966 : *
                    05CA     967 : *  TEST CASE NAME:            SFWAK25
                    05CA     968 : *
                    05CA     969 : *  SYSTEM SERVICE:            WAKE
                    05CA     970 : *
                    05CA     971 : *  ARGUMENT UNDER TEST:       PRCNAM_WAK25
                    05CA     97  : *
                    05CA     97  : *  INPUT CONDITIONS:
                    05CA     97  : *     PRCNAM STRING BEGINS IN ACCESSIBLE PSECT,
                    05CA     97_ : *        ENDS IN NON-ACCESSIBLE PSECT.
                    05CA     976 : *
                    05CA     977 : *  EXPECTED RESULTS:
                    05CA     978 : *     1) SYSTEM STATUS CODE:  ACCVIO
                    05CA     979 : *     2) REGISTERS R2 THROUGH FP UNCHANGED
                    05CA     980 : *
                    05CA     981 : ************************************************************
                    05CA     982 :--
                    05CA     983 :
0000017C'EF   D4    05CA     984         CLRL    PIDADR_WAK      ; MAKE SURE PRCNAM IS USED BY WAKE
                    05D0     985 :
                    05D0     986         NEXT_TEST_CASE  SFWAK26
```

```
                              05DC    987 :
                              05DC    988 :++
                              05DC    989 : ****************************************************************
                              05DC    990 : *
                              05DC    991 : *  TEST CASE NAME:           SFWAK26
                              05DC    992 : *
                              05DC    993 : *  SYSTEM SERVICE:           WAKE
                              05DC    994 : *
                              05DC    995 : *  ARGUMENT UNDER TEST:      PRCNAM_WAK26
                              05DC    996 : *
                              05DC    997 : *  INPUT CONDITIONS:
                              05DC    998 : *     NON-EXISTENT PROCESS NAME
                              05DC    999 : *
                              05DC   1000 : *  EXPECTED RESULTS:
                              05DC   1001 : *     1) SYSTEM STATUS CODE:  NONEXPR
                              05DC   1002 : *     2) REGISTERS R2 THROUGH FP UNCHANGED
                              05DC   1003 : *
                              05DC   1004 : ****************************************************************
                              05DC   1005 :--
                              05DC   1006 :
        0000017C'EF    D4     05DC   1007         CLRL    PIDADR_WAK      ; MAKE SURE PRCNAM IS USED BY WAKE
                              05E2   1008 :
                              05E2   1009         NEXT_TEST_CASE  SFWAK27
```

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V04-000

M 15
- SATS SYSTEM SERVICE TESTS   (FAILING S. 16-SEP-1984 00:36:06 VAX/VMS Macro V04-00   Page 39
SFWAK27   5-SEP-1984 04:28:11 [UETPSY.SRC]SATSSF07.MAR;1   (2)

```
                         05EE   1010  :
                         05EE   1011  :++
                         05EE   1012  :  *******************************************************
                         05EE   1013  :  *
                         05EE   1014  :  *  TEST CASE NAME:         SFWAK27
                         05EE   1015  :  *
                         C5EE   1016  :  *  SYSTEM SERVICE:         WAKE
                         05EE   1017  :  *
                         05EE   1018  :  *  ARGUMENT UNDER TEST:    PRCNAM_WAK27
                         05EE   1019  :  *
                         05EE   1020  :  *  INPUT CONDITIONS:
                         C5EE   1021  :  *     INVALID PROCESS NAME (LENGTH 0)
                         05EE   1022  :  *
                         05EE   1023  :  *  EXPECTED RESULTS:
                         05EE   1024  :  *     1) SYSTEM STATUS CODE:  IVLOGNAM
                         05EE   1025  :  *     2) REGISTERS R2 THROUGH FP UNCHANGED
                         05EE   1026  :  *
                         05EE   1027  :  *******************************************************
                         05EE   1028  :--
                         05EE   1029  :
   0000017C'EF   D4      05EE   1030          CLRL     PIDADR_WAK      ; MAKE SURE PRCNAM IS USED BY WAKE
                         05F4   1031  :
                         05F4   1032          NEXT_TEST_CASE  SFWAK28
```

```
                        0600   1033 ;
                        0600   1034 ;++
                        0600   1035 ;*****************************************************
                        0600   1036 ;  *
                        0600   1037 ;  *  TEST CASE NAME:          SFWAK28
                        0600   1038 ;  *
                        0600   1039 ;  *  SYSTEM SERVICE:          WAKE
                        0600   1040 ;  *
                        0600   1041 ;  *  ARGUMENT UNDER TEST:     PRCNAM_WAK28
                        0600   1042 ;  *
                        0600   1043 ;  *  INPUT CONDITIONS:
                        0600   1044 ;  *     INVALID PROCESS NAME (LENGTH 16)
                        0600   1045 ;  *
                        0600   1046 ;  *  EXPECTED RESULTS:
                        0600   1047 ;  *     1) SYSTEM STATUS CODE:  IVLOGNAM
                        0600   1048 ;  *     2) REGISTERS R2 THROUGH FP UNCHANGED
                        0600   1049 ;  *
                        0600   1050 ;*****************************************************
                        0600   1051 ;--
                        0600   1052 ;
0000017C'EF      D4     0600   1053         CLRL    PIDADR_WAK      ; MAKE SURE PRCNAM IS USED BY WAKE
                        0606   1054 ;
                        0606   1055         NEXT_TEST_CASE  SFWAK29
                        0606   1056 ;
                        0606   1057 ;++
                        0606   1058 ;*****************************************************
                        0606   1059 ;  *
                        0606   1060 ;  *  TEST CASE NAME:          SFWAK29
                        0606   1061 ;  *
                        0606   1062 ;  *  SYSTEM SERVICE:          WAKE
                        0606   1063 ;  *
                        0606   1064 ;  *  ARGUMENT UNDER TEST:     PRCNAM_WAK29
                        0606   1065 ;  *
                        0606   1066 ;  *  INPUT CONDITIONS:
                        0606   1067 ;  *     WAKE ISSUED FOR EXISTING PROCESS WHICH IS NOT A
                        0606   1068 ;  *      SUBPROCESS OF THIS PROCESS, AND THIS PROCESS HAS
                        0606   1069 ;  *      NO GROUP OR WORLD PRIVILEGE.
                        0606   1070 ;  *
                        0606   1071 ;  *  EXPECTED RESULTS:
                        0606   1072 ;  *     1) SYSTEM STATUS CODE:  NOPRIV
                        0606   1073 ;  *     2) REGISTERS R2 THROUGH FP UNCHANGED
                        0606   1074 ;  *
                        0606   1075 ;*****************************************************
                        0606   1076 ;--
                        0606   1077 ;
                        0606   1078         PRIV    REM,GROUP       ; REMOVE GROUP PRIVILEGE
                        0626   1079         PRIV    REM,WORLD       ; REMOVE WORLD PRIVILEGE
0000017C'EF      D4     0646   1080         CLRL    PIDADR_WAK      ; MAKE SURE PRCNAM IS USED BY WAKE
                        064C   1081 ;
                        064C   1082         TCEND
```

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B 16

- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:36:06 VAX/VMS Macro V04-00   Page 41
                                           5-SEP-1984 04:28:11 [UETPSY.SRC]SATSSF07.MAR;1   (2)

```
064D  1083          TC_GROUP        DPC,1,TS5
0674  1084  ;
0674  1085          NEXT_TEST_CASE  SFDPC10
```

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C 16
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:36:06   VAX/VMS Macro V04-00   Page 42
SFDPC10   5-SEP-1984 04:28:11   [UETPSY.SRC]SATSSF07.MAR;1   (2)

```
0674  1086 ;
0674  1087 ;++
0674  1088 ; ********************************************************
0674  1089 ; *
0674  1090 ; *  TEST CASE NAME:          SFDPC10
0674  1091 ; *
0674  1092 ; *  SYSTEM SERVICE:          DELPRC
0674  1093 ; *
0674  1094 ; *  ARGUMENT UNDER TEST:     PIDADR_DPC10
0674  1095 ; *
0674  1096 ; *  INPUT CONDITIONS:
0674  1097 ; *      PIDADR FIELD AT LOCATION 1
0674  1098 ; *
0674  1099 ; *  EXPECTED RESULTS:
0674  1100 ; *      1) SYSTEM STATUS CODE:  ACCVIO
0674  1101 ; *      2) REGISTERS R2 THROUGH FP UNCHANGED
0674  1102 ; *
0674  1103 ; ********************************************************
0674  1104 ;--
0674  1105 ;
0674  1106 ;
0674  1107          NEXT_TEST_CASE  SFDPC11
```

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D 16
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:36:06   VAX/VMS Macro V04-00   Page 43
SFDPC11   5-SEP-1984 04:28:11   [UETPSY.SRC]SATSSF07.MAR;1   (2)

```
0680   1108 :
0680   1109 :++
0680   1110 : ***************************************************************
0680   1111 : *
0680   1112 : *   TEST CASE NAME:            SFDPC11
0680   1113 : *
0680   1114 : *   SYSTEM SERVICE:            DELPRC
0680   1115 : *
0680   1116 : *   ARGUMENT UNDER TEST:       PIDADR_DPC11
0680   1117 : *
0680   1118 : *   INPUT CONDITIONS:
0680   1119 : *       PIDADR FIELD IN NON-ACCESSIBLE PSECT
0680   1120 : *
0680   1121 : *   EXPECTED RESULTS:
0680   1122 : *       1) SYSTEM STATUS CODE:  ACCVIO
0680   1123 : *       2) REGISTERS R2 THROUGH FP UNCHANGED
0680   1124 : *
0680   1125 : ***************************************************************
0680   1126 :--
0680   1127 :
0680   1128 :
0680   1129            NEXT_TEST_CASE  SFDPC12
```

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E 16
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:36:06   VAX/VMS Macro V04-00   Page 44
SFDPC12   5-SEP-1984 04:28:11   [UETPSY.SRC]SATSSF07.MAR;1   (2)

```
068C   1130 ;
068C   1131 ;++
068C   1132 ; *********************************************************
068C   1133 ; *
068C   1134 ; *   TEST CASE NAME:          SFDPC12
068C   1135 ; *
068C   1136 ; *   SYSTEM SERVICE:          DELPRC
068C   1137 ; *
068C   1138 ; *   ARGUMENT UNDER TEST:     PIDADR_DPC12
068C   1139 ; *
068C   1140 ; *   INPUT CONDITIONS:
068C   1141 ; *      PIDADR FIELD BEGINS IN ACCESSIBLE PSECT, ENDS
068C   1142 ; *         IN NON-ACCESSIBLE PSECT.
068C   1143 ; *
068C   1144 ; *   EXPECTED RESULTS:
068C   1145 ; *      1) SYSTEM STATUS CODE:  ACCVIO
068C   1146 ; *      2) REGISTERS R2 THROUGH FP UNCHANGED
068C   1147 ; *
068C   1148 ; *********************************************************
068C   1149 ;--
068C   1150 ;
068C   1151 ;
068C   1152           NEXT_TEST_CASE  SFDPC13
```

F 16

SATSSF07   - SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:36:06   VAX/VMS Macro V04-00   Page 45
V04-000   SFDPC13   5-SEP-1984 04:28:11   [UETPSY.SRC]SATSSF07.MAR;1   (2)

```
                        0698    1153 :
                        0698    1154 :++
                        0698    1155 : ***********************************************
                        0698    1156 : *
                        0698    1157 : *   TEST CASE NAME:           SFDPC13
                        0698    1158 : *
                        0698    1159 : *   SYSTEM SERVICE:           DELPRC
                        0698    1160 : *
                        0698    1161 : *   ARGUMENT UNDER TEST:      PIDADR_DPC13
                        0698    1162 : *
                        0698    1163 : *   INPUT CONDITIONS:
                        0698    1164 : *      INVALID PROCESS ID
                        0698    1165 : *
                        0698    1166 : *   EXPECTED RESULTS:
                        0698    1167 : *      1) SYSTEM STATUS CODE:  NONEXPR
                        0698    1168 : *      2) REGISTERS R2 THROUGH FP UNCHANGED
                        0698    1169 : *
                        0698    1170 : ***********************************************
                        0698    1171 :--
                        0698    1172 :
0000018C'EF   00000000'EF   DO  0698    1173         MOVL    TPID,PIDADR_DPC13 ; GET A VALID PID
0000018C'EF      FF 8F   99  06A3    1174         CVTBW   #-1,PIDADR_DPC13  ; MAKE IT INVALID
                            06AB    1175 :
                            06AB    1176         NEXT_TEST_CASE  SFDPC14
```

```
                        06B7  1177 :
                        06B7  1178 :++
                        06B7  1179 : ***********************************************************
                        06B7  1180 : *
                        06B7  1181 : *   TEST CASE NAME:          SFDPC14
                        06B7  1182 : *
                        06B7  1183 : *   SYSTEM SERVICE:          DELPRC
                        06B7  1184 : *
                        06B7  1185 : *   ARGUMENT UNDER TEST:     PIDADR_DPC14
                        06B7  1186 : *
                        06B7  1187 : *   INPUT CONDITIONS:
                        06B7  1188 : *      VALID, NON-EXISTENT PROCESS ID
                        06B7  1189 : *
                        06B7  1190 : *   EXPECTED RESULTS:
                        06B7  1191 : *      1) SYSTEM STATUS CODE:  NONEXPR
                        06B7  1192 : *      2) REGISTERS R2 THROUGH FP UNCHANGED
                        06B7  1193 : *
                        06B7  1194 : ***********************************************************
                        06B7  1195 :--
                        06B7  1196 :
00000190'EF  00000000'EF  D0  06B7  1197        MOVL    TPID,PIDADR_DPC14 ; GET AN EXISTENT PID
00000192'EF     1770 8F  B0  06C2  1198        MOVW    #6000,PIDADR_DPC14+2 ; MAKE IT NON-EXISTENT
                        06CB  1199 :
                        06CB  1200        NEXT_TEST_CASE  SFDPC20
```

SATSSF07
V04-000

H 16
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:36:06 VAX/VMS Macro V04-00   Page 47
SFDPC20   5-SEP-1984 04:28:11 [UETPSY.SRC]SATSSF07.MAR;1   (2)

```
                       06D7   1201 ;
                       06D7   1202 ;++
                       06D7   1203 ; ******************************************************
                       06D7   1204 ; *
                       06D7   1205 ; *   TEST CASE NAME:          SFDPC20
                       06D7   1206 ; *
                       06D7   1207 ; *   SYSTEM SERVICE:          DELPRC
                       06D7   1208 ; *
                       06D7   1209 ; *   ARGUMENT UNDER TEST:     PRCNAM_DPC20
                       06D7   121. ; *
                       06D7   1211 ; *   INPUT CONDITIONS:
                       06D7   1212 ; *      PRCNAM STRING DESCRIPTOR LENGTH FIELD IN
                       06D7   1213 ; *         NON-ACCESSIBLE PSECT.
                       06D7   1214 ; *
                       06D7   1215 ; *   EXPECTED RESULTS:
                       06D7   1216 ; *      1) SYSTEM STATUS CODE:  ACCVIO
                       06D7   1217 ; *      2) REGISTERS R2 THROUGH FP UNCHANGED
                       06D7   1218 ; *
                       06D7   1219 ; ******************************************************
                       06D7   1220 ;--
                       06D7   1221 ;
        00000188'EF D4 06D7   1222          CLRL     PIDADR_DPC        ; MAKE SURE PRCNAM IS USED BY DELPRC
                       06DD   1223 ;
                       06DD   1224          NEXT_TEST_CASE  SFDPC21
```

SATSSF07   - SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:36:06   VAX/VMS Macro V04-00   Page 48
V04-000   SFDPC21   5-SEP-1984 04:28:11   [UETPSY.SRC]SATSSF07.MAR;1   (2)

                                        I 16

```
                        06E9   1225 :
                        06E9   1226 :++
                        06E9   1227 : ************************************************************
                        06E9   1228 : *
                        06E9   1229 : *   TEST CASE NAME:            SFDPC21
                        06E9   1230 : *
                        06E9   1231 : *   SYSTEM SERVICE:            DELPRC
                        06E9   1232 : *
                        06E9   1233 : *   ARGUMENT UNDER TEST:       PRCNAM_DPC21
                        06E9   1234 : *
                        06E9   1235 : *   INPUT CONDITIONS:
                        06E9   1236 : *      PRCNAM STRING DESCRIPTOR LENGTH FIELD BEGINS IN
                        06E9   1237 : *         ACCESSIBLE PSECT, ENDS IN NON-ACCESSIBLE PSECT.
                        06E9   1238 : *
                        06E9   1239 : *   EXPECTED RESULTS:
                        06E9   1240 : *      1) SYSTEM STATUS CODE:  ACCVIO
                        06E9   1241 : *      2) REGISTERS R2 THROUGH FP UNCHANGED
                        06E9   1242 : *
                        06E9   1243 : ************************************************************
                        06E9   1244 :--
                        06E9   1245 :
      00000188'EF   D4  06E9   1246        CLRL     PIDADR_DPC      ; MAKE SURE PRCNAM IS USED BY DELPRC
                        06EF   1247 :
                        06EF   1248        NEXT_TEST_CASE  SFDPC22
```

```
                          06FB  1249 :
                          06FB  1250 :++
                          06FB  1251 : ***************************************************
                          06FB  1252 : *
                          06FB  1253 : *  TEST CASE NAME:           SFDPC22
                          06FB  1254 : *
                          06FB  1255 : *  SYSTEM SERVICE:           DELPRC
                          06FB  1256 : *
                          06FB  1257 : *  ARGUMENT UNDER TEST:      PRCNAM_DPC22
                          06FB  1258 : *
                          06FB  1259 : *  INPUT CONDITIONS:
                          06FB  1260 : *     PRCNAM STRING DESCRIPTOR ADDRESS FIELD IN
                          06FB  1261 : *        NON-ACCESSIBLE PSECT.
                          06FB  1262 : *
                          06FB  1263 : *  EXPECTED RESULTS:
                          06FB  1264 : *     1) SYSTEM STATUS CODE:  ACCVIO
                          06FB  1265 : *     2) REGISTERS R2 THROUGH FP UNCHANGED
                          06FB  1266 : *
                          06FB  1267 : ***************************************************
                          06FB  1268 :--
                          06FB  1269 :
      00000188'EF   D4    06FB  1270        CLRL    PIDADR_DPC      ; MAKE SURE PRCNAM IS USED BY DELPRC
      000001FC'EF   03 9A 0701  1271        MOVZBL  #3,PRCNAM_DPC22 ; ESTABLISH PRCNAM STRING LENGTH
                          0708  1272 :
                          0708  1273        NEXT_TEST_CASE  SFDPC23
```

```
                        0714   1274 :
                        0714   1275 :++
                        0714   1276 : **********************************************************
                        0714   1277 : *
                        0714   1278 : *  TEST CASE NAME:           SFDPC23
                        0714   1279 : *
                        0714   1280 : *  SYSTEM SERVICE:           DELPRC
                        0714   1281 : *
                        0714   1282 : *  ARGUMENT UNDER TEST:      PRCNAM_DPC23
                        0714   1283 : *
                        0714   1284 : *  INPUT CONDITIONS:
                        0714   1285 : *    PRCNAM STRING DESCRIPTOR ADDRESS FIELD BEGINS IN
                        0714   1286 : *      ACCESSIBLE PSECT, ENDS IN NON-ACCESSIBLE PSECT.
                        0714   1287 : *
                        0714   1288 : *  EXPECTED RESULTS:
                        0714   1289 : *    1) SYSTEM STATUS CODE:  ACCVIO
                        0714   1290 : *    2) REGISTERS R2 THROUGH FP UNCHANGED
                        0714   1291 : *
                        0714   1292 : **********************************************************
                        0714   1293 :--
                        0714   1294 :
  00000188'EF    D4     0714   1295          CLRL    ^ADADP_DPC     ; MAKE SURE PRCNAM IS USED BY DELPRC
  000001FB'EF 03 9A     071A   1296          MOVZBL  #3,PRCNAM_DPC23 ; ESTABLISH PRCNAM STRING LENGTH
                        0721   1297 :
                        0721   1298          NEXT_TEST_CASE  SFDPC24
```

SATSSF07
V04-C00

L 16
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:36:06   VAX/VMS Macro V04-00   Page 51
SFDPC24   5-SEP-1984 04:28:11   [UETPSY.SRC]SATSSF07.MAR;1   (2)

```
072D   1299 :
072D   1300 :++
072D   1301 :**********************************************************
072D   1302 : *
072D   1303 : *   TEST CASE NAME:        SFDPC24
072D   1304 : *
072D   1305 : *   SYSTEM SERVICE:        DELPRC
072D   1306 : *
072D   1307 : *   ARGUMENT UNDER TEST:   PRCNAM_DPC24
072D   1308 : *
072D   1309 : *   INPUT CONDITIONS:
072D   1310 : *      PRCNAM STRING IN NON-ACCESSIBLE PSECT
072D   1311 : *
```

SATSSF07
V04-000

M 16
- SATS SYSTEM SERVICE TESTS   (FAILING S. 16-SEP-1984 00:36:06   VAX/VMS Macro V04-00
SFDPC24   5-SEP-1984 04:28:11   [UETPSY.SRC]SATSSF07.MAR;1

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(3)

```
                         072D  1313 : *   EXPECTED RESULTS:
                         072D  1314 : *      1) SYSTEM STATUS CODE:  ACCVIO
                         072D  1315 : *      2) REGISTERS R2 THROUGH FP UNCHANGED
                         072D  1316 : *
                         072D  1317 ; *********************************************************
                         072D  1318 ;--
                         072D  1319 ;
       00000188'EF   D4  072D  1320              CLRL    PICADR_DPC       ; MAKE SURE PRCNAM IS USED BY DELPRC
                         0733  1321 ;
                         0733  1322              TCEND
```

SATSSF07
V04-000

B 1
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:36:06   VAX/VMS Macro V04-00   Page 53
                                             5-SEP-1984 04:28:11   [UETPSY.SRC]SATSSF07.MAR;1   (3)

```
0734  1323           TC_GROUP        DPC,2,TS6
075B  1324 ;
075B  1325 ;         NEXT_TEST_CASE  SFDPC25
```

```
                         075B  1326 :
                         075B  1327 :++
                         075B  1328 : ********************************************************
                         075B  1329 : *
                         075B  1330 : *  TEST CASE NAME:          SFDPC25
                         075B  1331 : *
                         075B  1332 : *  SYSTEM SERVICE·          DELPRC
                         075B  1333 : *
                         075B  1334 : *  ARGUMENT UNDER TEST:     PRCNAM_DPC25
                         075B  1335 : *
                         075B  1336 : *  INPUT CONDITIONS:
                         075B  1337 : *     PRCNAM STRING BEGINS IN ACCESSIBLE PSECT,
                         075B  1338 : *        ENDS IN NON-ACCESSIBLE PSECT.
                         075B  1339 : *
                         075B  1340 : *  EXPECTED RESULTS:
                         075B  1341 : *     1) SYSTEM STATUS CODE:  ACCVIO
                         075B  1342 : *     2) REGISTERS R2 THROUGH FP UNCHANGED
                         075B  1343 : *
                         075B  1344 : ********************************************************
                         075B  1345 :--
                         075B  1346 :
   00000188'EF    D4     075B  1347           CLRL     PIDADR_DPC       ; MAKE SURE PRCNAM IS USED BY DELPRC
                         0761  1348 :
                         0761  1349           NEXT_TEST_CASE  SFDPC26
```

D 1

```
                         076D  1350 ;
                         076D  1351 ;++
                         076D  1352 ; ***************************************************************
                         076D  1353 ; *
                         076D  1354 ; *  TEST CASE NAME:          SFDPC26
                         076D  1355 ; *
                         076D  1356 ; *  SYSTEM SERVICE:          DELPRC
                         076D  1357 ; *
                         076D  1358 ; *  ARGUMENT UNDER TEST:     PRCNAM_DPC26
                         076D  1359 ; *
                         076D  1360 ; *  INPUT CONDITIONS:
                         076D  1361 ; *     NON-EXISTENT PROCESS NAME
                         076D  1362 ; *
                         076D  1363 ; *  EXPECTED RESULTS:
                         076D  1364 ; *     1) SYSTEM STATUS CODE:  NONEXPR
                         076D  1365 ; *     2) REGISTERS R2 THROUGH FP UNCHANGED
                         076D  1366 ; *
                         076D  1367 ; ***************************************************************
                         076D  1368 ;--
                         076D  1369 ;
00000188'EF   D4         076D  1370       CLRL    PIDADR_DPC       ; MAKE SURE PRCNAM IS USED BY DELPRC
                         0773  1371 ;
                         0773  1372       NEXT_TEST_CASE  SFDPC27
```

```
                          077F  1373  :
                          077F  1374  :++
                          077F  1375  : ********************************************************
                          077F  1376  : *
                          077F  1377  : *   TEST CASE NAME:           SFDPC27
                          077F  1378  : *
                          077F  1379  : *   SYSTEM SERVICE:           DELPRC
                          077F  1380  : *
                          077F  1381  : *   ARGUMENT UNDER TEST:      PRCNAM_DPC27
                          077F  1382  : *
                          077F  1383  : *   INPUT CONDITIONS:
                          077F  1384  : *      INVALID PROCESS NAME (LENGTH 0)
                          077F  1385  : *
                          077F  1386  : *   EXPECTED RESULTS:
                          077F  1387  : *      1) SYSTEM STATUS CODE:  IVLOGNAM
                          077F  1388  : *      2) REGISTERS R2 THROUGH FP UNCHANGED
                          077F  1389  : *
                          077F  1390  : ********************************************************
                          077F  1391  :--
                          077F  1392  :
00000188'EF   D4          077F  1393  :        CLRL    PIDADR_DPC      ; MAKE SURE PRCNAM IS USED BY DELPRC
                          0785  1394  :
                          0785  1395         NEXT_TEST_CASE  SFDPC28
```

```
                      0791  1396 ;
                      0791  1397 ;++
                      0791  1398 ; ****************************************************************
                      0791  1399 ; *
                      0791  1400 ; *  TEST CASE NAME:          SFDPC28
                      0791  1401 ; *
                      0791  1402 ; *  SYSTEM SERVICE:          DELPRC
                      0791  1403 ; *
                      0791  1404 ; *  ARGUMENT UNDER TEST:     PRCNAM_DPC28
                      0791  1405 ; *
                      0791  1406 ; *  INPUT CONDITIONS:
                      0791  1407 ; *     INVALID PROCESS NAME (LENGTH 16)
                      0791  1408 ; *
                      0791  1409 ; *  EXPECTED RESULTS:
                      0791  1410 ; *     1) SYSTEM STATUS CODE:  IVLOGNAM
                      0791  1411 ; *     2) REGISTERS R2 THROUGH FP UNCHANGED
                      0791  1412 ; *
                      0791  1413 ; ****************************************************************
                      0791  1414 ;--
                      0791  1415 ;
00000188'EF    D4     0791  1416           CLRL     PIDADR_DPC      ; MAKE SURE PRCNAM IS USED BY DELPRC
                      0797  1417 ;
                      0797  1418 ;         NEXT_TEST_CASE  SFDPC29
                      0797  1419 ;
                      0797  1420 ;++
                      0797  1421 ; ****************************************************************
                      0797  1422 ; *
                      0797  1423 ; *  TEST CASE NAME:          SFDPC29
                      0797  1424 ; *
                      0797  1425 ; *  SYSTEM SERVICE:          DELPRC
                      0797  1426 ; *
                      0797  1427 ; *  ARGUMENT UNDER TEST:     PRCNAM_DPC29
                      0797  1428 ; *
                      0797  1429 ; *  INPUT CONDITIONS:
                      0797  1430 ; *     DELPRC ISSUED FOR EXISTING PROCESS WHICH IS NOT A
                      0797  1431 ; *        SUBPROCESS OF THIS PROCESS, AND THIS PROCESS HAS
                      0797  1432 ; *        NO GROUP OR WORLD PRIVILEGE.
                      0797  1433 ; *
                      0797  1434 ; *  EXPECTED RESULTS:
                      0797  1435 ; *     1) SYSTEM STATUS CODE: NOPRIV
                      0797  1436 ; *     2) REGISTERS R2 THROUGH FP UNCHANGED
                      0797  1437 ; *
                      0797  1438 ; ****************************************************************
                      0797  1439 ;--
                      0797  1440 ;
                      0797  1441           PRIV     REM,GROUP       ; REMOVE GROUP PRIVILEGE
                      07B7  1442           PRIV     REM,WORLD       ; REMOVE WORLD PRIVILEGE
00000188'EF    D4     07D7  1443           CLRL     PIDADR_DPC      ; MAKE SURE PRCNAM IS USED BY DELPRC
                      07DD  1444 ;
                      07DD  1445           TCEND
```

```
07DE  1446          TC_GROUP        GJP,1,TS7
0805  1447 ;
0805  1448 ;        NEXT_TEST_CASE  SFGJP20
```

SATSSF07
V04-000

H 1
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:36:06 VAX/VMS Macro V04-00   Page 59
SFGJP20   5-SEP-1984 04:28:11 [UETPSY.SRC]SATSSF07.MAR;1   (3)

SA
VO

```
0805  1449 :
0805  1450 :++
0805  1451 : ************************************************************
0805  1452 : *
0805  1453 : *   TEST CASE NAME:            SFGJP20
0805  1454 : *
0805  1455 : *   SYSTEM SERVICE:            GETJPI
0805  1456 : *
0805  1457 : *   ARGUMENT UNDER TEST:       PIDADR_GJP20
C805  1458 : *
0805  1459 : *   INPUT CONDITIONS:
0805  1460 : *      PIDADR FIELD AT LOCATION 1
0805  1461 : *
0805  1462 : *   EXPECTED RESULTS:
0805  1463 : *      1) SYSTEM STATUS CODE:  ACCVIO
0805  1464 : *      2) REGISTERS R2 THROUGH FP UNCHANGED
0805  1465 : *
0805  1466 : ************************************************************
0805  1467 :--
0805  1468 :
0805  1469 :
0805  1470           NEXT_TEST_CASE  SFGJP21
```

```
                              0811  1471 :
                              0811  1472 :++
                              0811  1473 : *********************************************************
                              0811  1474 : *
                              0811  1475 : *   TEST CASE NAME:         SFGJP21
                              0811  1476 : *
                              0811  1477 : *   SYSTEM SERVICE:         GETJPI
                              0811  1478 : *
                              0811  1479 : *   ARGUMENT UNDER TEST:    PIDADR_GJP21
                              0811  1480 : *
                              0811  1481 : *   INPUT CONDITIONS:
                              0811  1482 : *     INVALID PROCESS ID
                              0811  1483 : *
                              0811  1484 : *   EXPECTED RESULTS:
                              0811  1485 : *     1) SYSTEM STATUS CODE:  NONEXPR
                              0811  1486 : *     2) REGISTERS R2 THROUGH FP UNCHANGED
                              0811  1487 : *
                              0811  1488 : *********************************************************
                              0811  1489 :--
                              0811  1490 :
00000198'EF   00000000'EF  DO  0811  1491         MOVL    TPID,PIDADR_GJP21 ; GET A VALID PID
00000198'EF    FF 8F       99  081C  1492         CVTBW   #-1,PIDADR_GJP21  ; MAKE IT INVALID
                              0824  1493 :
                              0824  1494         NEXT_TEST_CASE  SFGJP22
```

SATSSF07
V04-000

J 1
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:36:06 VAX/VMS Macro V04-00   Page 61   SA
SFGJP22   5-SEP-1984 04:28:11 [UETPSY.SRC]SATSSF07.MAR;1   (3)   VO

```
                                0830  1495 :
                                0830  1496 :++
                                0830  1497 : ***************************************************************
                                0830  1498 : *
                                0830  1499 : *   TEST CASE NAME:            SFGJP22
                                0830  1500 : *
                                0830  1501 : *   SYSTEM SERVICE:            GETJPI
                                0830  1502 : *
                                0830  1503 : *   ARGUMENT UNDER TEST:       PIDADR_GJP22
                                0830  1504 : *
                                0830  1505 : *   INPUT CONDITIONS:
                                0830  1506 : *      VALID, NON-EXISTENT PROCESS ID
                                0830  1507 : *
                                0830  1508 : *   EXPECTED RESULTS:
                                0830  1509 : *      1) SYSTEM STATUS CODE:  NONEXPR
                                0830  1510 : *      2) REGISTERS R2 THROUGH FP UNCHANGED
                                0830  1511 : *
                                0830  1512 : ***************************************************************
                                0830  1513 :--
                                0830  1514 :
 0000019C'EF   00000000'EF  D0   0830  1515          MOVL    TPID,PIDADR_GJP22 ; GET AN EXISTENT PID
 0000019E'EF    1770 8F      B0   083B  1516          MOVW    #6000,PIDADR_GJP22+2 ; MAKE IT NON-EXISTENT
                                0844  1517 :
                                0844  1518          NEXT_TEST_CASE  SFGJP30
```

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V04-000
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:36:06 VAX/VMS Macro V04-00 Page 62
SFGJP30   5-SEP-1984 04:28:11 [UETPSY.SRC]SATSSF07.MAR;1   (3)

K 1

```
              0850  1519 :
              0850  1520 :++
              0850  1521 : *******************************************************
              0850  1522 : *
              0850  1523 : *   TEST CASE NAME:          SFGJP30
              0850  1524 : *
              0850  1525 : *   SYSTEM SERVICE:          GETJPI
              0850  1526 : *
              0850  1527 : *   ARGUMENT UNDER TEST:     PRCNAM_GJP30
              0850  1528 : *
              0850  1529 : *   INPUT CONDITIONS:
              0850  1530 : *      PRCNAM IN NON-ACCESSIBLE PSECT.
              0850  1531 : *
              0850  1532 : *   EXPECTED RESULTS:
              0850  1533 : *      1) SYSTEM STATUS CODE:  ACCVIO
              0850  1534 : *      2) REGISTERS R2 THROUGH FP UNCHANGED
              0850  1535 : *
              0850  1536 : *******************************************************
              0850  1537 :--
              0850  1538 :
00000194'EF  D4 0850  1539          CLRL    PIDADR_GJP      ; MAKE SURE PRCNAM IS USED BY GETJPI
              0856  1540 :
              0856  1541          NEXT_TEST_CASE  SFGJP31
```

```
                       0862  1542 :
                       0862  1543 :++
                       0862  1544 : *****************************************************
                       0862  1545 : *
                       0862  1546 : *   TEST CASE NAME:          SFGJP31
                       0862  1547 : *
                       0862  1548 : *   SYSTEM SERVICE:          GETJPI
                       0862  1549 : *
                       0862  1550 : *   ARGUMENT UNDER TEST:     PRCNAM_GJP31
                       0862  1551 : *
                       0862  1552 : *   INPUT CONDITIONS:
                       0862  1553 : *      NON-EXISTENT PROCESS NAME
                       0862  1554 : *
                       0862  1555 : *   EXPECTED RESULTS:
                       0862  1556 : *      1) SYSTEM STATUS CODE:  NONEXPR
                       0862  1557 : *      2) REGISTERS R2 THROUGH FP UNCHANGED
                       0862  1558 : *
                       0862  1559 : *****************************************************
                       0862  1560 :--
                       0862  1561 :
   00000194'EF    D4   0862  1562        CLRL    PIDADR_GJP      ; MAKE SURE PRCNAM IS USED BY GETJPI
                       0868  1563 :
                       0868  1564        NEXT_TEST_CASE  SFGJP32
```

```
                      0874  1565 :
                      0874  1566 :++
                      0874  1567 : **********************************************************
                      0874  1568 : *
                      0874  1569 : *    TEST CASE NAME:        SFGJP32
                      0874  1570 : *
                      0874  1571 : *    SYSTEM SERVICE:        GETJPI
                      0874  1572 : *
                      0874  1573 : *    ARGUMENT UNDER TEST:   PRCNAM_GJP32
                      0874  1574 : *
                      0874  1575 : *    INPUT CONDITIONS:
                      0874  1576 : *       INVALID PROCESS NAME (LENGTH 0)
                      0874  1577 : *
                      0874  1578 : *    EXPECTED RESULTS:
                      0874  1579 : *       1) SYSTEM STATUS CODE:  IVLOGNAM
                      0874  1580 : *       2) REGISTERS R2 THROUGH FP UNCHANGED
                      0874  1581 : *
                      0874  1582 : **********************************************************
                      0874  1583 :--
                      0874  1584 :
00000194'EF   D4      0874  1585          CLRL     PIDADR_GJP      ; MAKE SURE PRCNAM IS USED BY GETJPI
                      087A  1586 :
                      087A  1587          NEXT_TEST_CASE  SFGJP33
```

```
                              0886   1588 :
                              0886   1589 :++
                              0886   1590 : ***************************************************
                              0886   1591 : *
                              0886   1592 : *  TEST CASE NAME:          SFGJP33
                              0886   1593 : *
                              0886   1594 : *  SYSTEM SERVICE:          GETJPI
                              0886   1595 : *
                              0886   1596 : *  ARGUMENT UNDER TEST:     PRCNAM_GJP33
                              0886   1597 : *
                              0886   1598 : *  INPUT CONDITIONS:
                              0886   1599 : *     INVALID PROCESS NAME (LENGTH 16)
                              0886   1600 : *
                              0886   1601 : *  EXPECTED RESULTS:
                              0886   1602 : *     1) SYSTEM STATUS CODE:  IVLOGNAM
                              0886   1603 : *     2) REGISTERS R2 THROUGH FP UNCHANGED
                              0886   1604 : *
                              0886   1605 : ***************************************************
                              0886   1606 :--
                              0886   1607 :
00000194'EF    D4             0886   1608          CLRL    PIDADR_GJP       ; MAKE SURE PRCNAM IS USED BY GETJPI
                              088C   1609 :
                              088C   1610 :        NEXT_TEST_CASE  SFGJP34
                              088C   1611 :
                              088C   1612 :++
                              088C   1613 : ***************************************************
                              088C   1614 : *
                              088C   1615 : *  TEST CASE NAME:          SFGJP34
                              088C   1616 : *
                              088C   1617 : *  SYSTEM SERVICE:          GETJPI
                              088C   1618 : *
                              088C   1619 : *  ARGUMENT UNDER TEST:     PRCNAM_GJP34
                              088C   1620 : *
                              088C   1621 : *  INPUT CONDITIONS:
                              088C   1622 : *     GETJPI ISSUED FOR EXISTING PROCESS WHICH IS NOT A
                              088C   1623 : *        SUBPROCESS OF THIS PROCESS, AND THIS PROCESS HAS
                              088C   1624 : *        NO GROUP OR WORLD PRIVILEGE.
                              088C   1625 : *
                              088C   1626 : *  EXPECTED RESULTS:
                              088C   1627 : *     1) SYSTEM STATUS CODE: NOPRIV
                              088C   1628 : *     2) REGISTERS R2 THROUGH FP UNCHANGED
                              088C   1629 : *
                              088C   1630 : ***************************************************
                              088C   1631 :--
                              088C   1632 :
                              088C   1633          PRIV    REM,GROUP        ; REMOVE GROUP PRIVILEGE
               08AC           08AC   1634          PRIV    REM,WORLD        ; REMOVE WORLD PRIVILEGE
00000194'EF    D4             08CC   1635          CLRL    PIDADR_GJP       ; MAKE SURE PRCNAM IS USED BY GETJPI
                              08D2   1636 :
                              08D2   1637          NEXT_TEST_CASE  SFGJP40
```

B 2

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V04-000   SFGJP40   5-SEP-1984 04:28:11 [UETPSY.SRC]SATSSF07.MAR;1   (3)

```
                          08DE   1638 :
                          08DE   1639 :++
                          08DE   1640 : ************************************************************
                          08DE   1641 : *
                          08DE   1642 : *  TEST CASE NAME:          SFGJP40
                          08DE   1643 : *
                          08DE   1644 : *  SYSTEM SERVICE:          GETJPI
                          08DE   1645 : *
                          08DE   1646 : *  ARGUMENT UNDER TEST:     ITMLST_GJP40
                          08DE   1647 : *
                          08DE   1648 : *  INPUT CONDITIONS:
                          08DE   1649 : *     ITEM LIST IN NON-ACCESSIBLE PSECT.
                          08DE   1650 : *
                          08DE   1651 : *  EXPECTED RESULTS:
                          08DE   1652 : *     1) SYSTEM STATUS CODE:  ACCVIO
                          08DE   1653 : *     2) REGISTERS R2 THROUGH FP UNCHANGED
                          08DE   1654 : *
                          08DE   1655 : ************************************************************
                          08DE   1656 :--
                          08DE   1657 :
                          08DE   1658          PRIV    ADD,ALL        ; GET BACK ANY PRIVILEGES LOST BY PREV TEST CASE
       00000194'EF   D4   08FE   1659          CLRL    PIDADR_GJP     ; LET GETJPI USE PRCNAM
                          0904   1660 :
                          0904   1661          NEXT_TEST_CASE  SFGJP41
```

```
                          0910  1662 ;
                          0910  1663 ;++
                          0910  1664 ; *******************************************************
                          0910  1665 ; *
                          0910  1666 ; *   TEST CASE NAME:          SFGJP41
                          0910  1667 ; *
                          0910  1668 ; *   SYSTEM SERVICE:          GETJPI
                          0910  1669 ; *
                          0910  1670 ; *   ARGUMENT UNDER TEST:     ITMLST_GJP41
                          0910  1671 ; *
                          0910  1672 ; *   INPUT CONDITIONS:
                          0910  1673 ; *      ITEM LIST CONTAINS AN INVALID IDENTIFIER.
                          0910  1674 ; *
                          0910  1675 ; *   EXPECTED RESULTS:
                          0910  1676 ; *      1) SYSTEM STATUS CODE:  BADPARAM
                          0910  1677 ; *      2) REGISTERS R2 THROUGH FP UNCHANGED
                          0910  1678 ; *
                          0910  1679 ; *******************************************************
                          0910  1680 ;--
                          0910  1681 ;
  00000194'EF    D4       0910  1682          CLRL    PIDADR_GJP      ; LET GETJPI USE PRCNAM
                          0916  1683 ;
                          0916  1684          TCEND
```

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D 2
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:36:06   VAX/VMS Macro V04-00   Page 68
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```
0917  1685 TS1:
0917  1686          TESTSERV      CANWAK,ERR,SATS,                              -
0917  1687                                                                      -
0917  1688              <1,PIDADR_CWK,                                          -
0917  1689                          PIDADR_CWK10,ACCVIO,    - ; SFCWK10
0917  1690                          PIDADR_CWK11,ACCVIO,    - ; SFCWK11
0917  1691                          PIDADR_CWK12,ACCVIO,    - ; SFCWK12
0917  1692                          PIDADR_CWK13,NONEXPR,   - ; SFCWK13
0917  1693                          PIDADR_CWK14,NONEXPR,   - ; SFCWK14
0917  1694                                                 >,                   -
0917  1695                                                                      -
0917  1696              <1,PRCNAM_CWK,                                          -
0917  1697                          PRCNAM_CWK20,ACCVIO,    - ; SFCWK20
0917  1698                          PRCNAM_CWK21,ACCVIO,    - ; SFCWK21
0917  1699                          PRCNAM_CWK22,ACCVIO,    - ; SFCWK22
0917  1700                          PRCNAM_CWK23,ACCVIO,    - ; SFCWK23
0917  1701                          PRCNAM_CWK24,ACCVIO,    - ; SFCWK24
0917  1702                                                 >,                   -
0917  1703
0AAB  1704          TS_CLEANUP              ; CLEAN UP & RETURN TO TEST_SERV_EXEC
```

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E 2
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:36:06   VAX/VMS Macro V04-00   Page 69
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```
OACB  1705 TS2:
OACB  1706          TESTSERV        CANWAK,ERR,SATS,                              -
OACB  1707                                                                        -
OACB  1708             <1,PIDADR_CWK,                                             -
OACB  1709                                                       >,              -
OACB  1710                                                                        -
OACB  1711             <1,PRCNAM_CWK,                                             -
OACB  1712                           PRCNAM_CWK25,ACCVIO,    -  ; SFCWK25
OACB  1713                           PRCNAM_CWK26,NONEXPR,   -  ; SFCWK26
OACB  1714                           PRCNAM_CWK27,IVLOGNAM,  -  ; SFCWK27
OACB  1715                           PRCNAM_CWK28,IVLOGNAM,  -  ; SFCWK28
OACB  1716 ;                         PRCNAM_CWK29,NOPRIV,       ; SFCWK29
OACB  1717                                                       >,              -
OACB  1718
OC2E  1719          TS_CLEANUP              ; CLEAN UP & RETURN TO TEST_SERV_EXEC
```

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F 2
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:36:06 VAX/VMS Macro V04-00   Page 70
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```
OC4E   1720 TS3:
OC4E   1721        TESTSERV      WAKE,ERR,SATS,                              -
OC4E   1722                                                                              -
OC4E   1723           <1,PIDADR_WAK,                                                     -
OC4E   1724                        PIDADR_WAK10,ACCVIO,    -  ; SFWAK10
OC4E   1725                        PIDADR_WAK11,ACCVIO,    -  ; SFWAK11
OC4E   1726                        PIDADR_WAK12,ACCVIO,    -  ; SFWAK12
OC4E   1727                        PIDADR_WAK13,NONEXPR,   -  ; SFWAK13
OC4E   1728                        PIDADR_WAK14,NONEXPR,   -  ; SFWAK14
OC4E   1729                                              >,                    -
OC4E   1730                                                                              -
OC4E   1731           <1,PRCNAM_WAK,                                                     -
OC4E   1732                        PRCNAM_WAK20,ACCVIO,    -  ; SFWAK20
OC4E   1733                        PRCNAM_WAK21,ACCVIO,    -  ; SFWAK21
OC4E   1734                        PRCNAM_WAK22,ACCVIO,    -  ; SFWAK22
OC4E   1735                        PRCNAM_WAK23,ACCVIO,    -  ; SFWAK23
OC4E   1736                        PRCNAM_WAK24,ACCVIO,    -  ; SFWAK24
OC4E   1737                                              >,                    -
OC4E   1738
ODE0   1739        TS_CLEANUP              ; CLEAN UP & RETURN TO TEST_SERV_EXEC
```

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G 2
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:36:06   VAX/VMS Macro V04-00   Page 71
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```
OE00  1740 TS4:
OE00  1741           TESTSERV       WAKE,ERR,SATS,                              -
OE00  1742                                                                              -
OE00  1743              <1,PIDADR_WAK,                                                   -
OE00  1744                                                       >,                      -
OE00  1745                                                                              -
OE00  1746              <1,PRCNAM_WAK,                                                   -
OE00  1747                        PRCNAM_WAK25,ACCVIO,    -  ; SFWAK25
OE00  1748                        PRCNAM_WAK26,NONEXPR,   -  ; SFWAK26
OE00  1749                        PRCNAM_WAK27,IVLOGNAM,  -  ; SFWAK27
OE00  1750                        PRCNAM_WAK28,IVLOGNAM,  -  ; SFWAK28
OE00  1751 ;                      PRCNAM_WAK29,NOPRIV,       ; SFWAK29
OE00  1752                                                    >,                -
OE00  1753
OF61  1754           TS_CLEANUP              ; CLEAN UP & RETURN TO TEST_SERV_EXEC
```

```
OF81  1755 TS5:
OF81  1756          TESTSERV        DELPRC,ERR,SATS,                                          -
OF81  1757                                                                                    -
OF81  1758             <1,PIDADR_DPC,                                                         -
OF81  1759                          PIDADR_DPC10,ACCVIO,       -  ;  SFDPC10
OF81  1760                          PIDADR_DPC11,ACCVIO,       -  ;  SFDPC11
OF81  1761                          PIDADR_DPC12,ACCVIO,       -  ;  SFDPC12
OF81  1762                          PIDADR_DPC13,NONEXPR,      -  ;  SFDPC13
OF81  1763                          PIDADR_DPC14,NONEXPR,      -  ;  SFDPC14
OF81  1764                                                       >,                           -
OF81  1765                                                                                    -
OF81  1766             <1,PRCNAM_DPC,                                                         -
OF81  1767                          PRCNAM_DPC20,ACCVIO,       -  ;  SFDPC20
OF81  1768                          PRCNAM_DPC21,ACCVIO,       -  ;  SFDPC21
OF81  1769                          PRCNAM_DPC22,ACCVIO,       -  ;  SFDPC22
OF81  1770                          PRCNAM_DPC23,ACCVIO,       -  ;  SFDPC23
OF81  1771                          PRCNAM_DPC24,ACCVIO,       -  ;  SFDPC24
OF81  1772                                                       >,                           -
OF81  1773
1115  1774          TS_CLEANUP               ; CLEAN UP & RETURN TO TEST_SERV_EXEC
```

```
1135  1775 TS6:
1135  1776              TESTSERV        DELPRC,ERR,SATS,                                              -
1135  1777                                                                                           -
1135  1778                 <1,PIDADR_DPC,                                                            -
1135  1779                                                            >,                             -
1135  1780                                                                                           -
1135  1781                 <1,PRCNAM_DPC,                                                            -
1135  1782                              PRCNAM_DPC25,ACCVIO,     -  ; SFDPC25
1135  1783                              PRCNAM_DPC26,NONEXPR,    -  ; SFDPC26
1135  1784                              PRCNAM_DPC27,IVLOGNAM,   -  ; SFDPC27
1135  1785                              PRCNAM_DPC28,IVLOGNAM,   -  ; SFDPC28
1135  1786 ;                            PRCNAM_DPC29,NOPRIV,     -  ; SFDPC29
1135  1787                                                            >,                             -
1135  1788
1298  1789              TS_CLEANUP              ; CLEAN UP & RETURN TO TEST_SERV_EXEC
```

```
12B8  1790 TS7:
12B8  1791          TESTSERV          GETJPI,ERR,SATS,                                    -
12B8  1792                                                                                -
12B8  1793             <1,UNKN1_GJP,                                                      -
12B8  1794                                                   >,                           -
12B8  1795                                                                                -
12B8  1796             <1,PIDADR_GJP,                                                     -
12B8  1797                       PIDADR_GJP20,ACCVIO,        -  ; SFGJP20
12B8  1798                       PIDADR_GJP21,NONEXPR,       -  ; SFGJP21
12B8  1799                       PIDADR_GJP22,NONEXPR,       -  ; SFGJP22
12B8  1800                                                   >,                           -
12B8  1801                                                                                -
12B8  1802             <1,PRCNAM_GJP,                                                     -
12B8  1803                       PRCNAM_GJP30,ACCVIO,        -  ; SFGJP30
12B8  1804                       PRCNAM_GJP31,NONEXPR,       -  ; SFGJP31
12B8  1805                       PRCNAM_GJP32,IVLOGNAM,      -  ; SFGJP32
12B8  1806                       PRCNAM_GJP33,IVLOGNAM,      -  ; SFGJP33
12B8  1807 ;                     PRCNAM_GJP34,NOPRIV,        -  ; SFGJP34
12B8  1808                                                   >,                           -
12B8  1809                                                                                -
12B8  1810             <1,ITMLST_GJP,                                                     -
12B8  1811                       ITMLST_GJP40,ACCVIO,        -  ; SFGJP40
12B8  1812                       ITMLST_GJP41,BADPARAM,      -  ; SFGJP41
12B8  1813                                                   >,                           -
12B8  1814                                                                                -
12B8  1815             <1,UNKN2_GJP,                                                      -
12B8  1816                                                   >,                           -
12B8  1817
160A  1818          TS_CLEANUP               ; CLEAN UP & RETURN TO TEST_SERV_EXEC
```

```
                         162A   1819                .SBTTL  EXECUTE & CLEANUP
                         162A   1820  EXECUTE:
                         162A   1821                TEST_SERV_EXEC                      ; EXECUTE ALL T. CASES IN ALL GROUPS
                         1670   1822  CLEANUP:
                         1670   1823                PRIV    ADD,ALL                     ; ENSURE THAT ALL PRIVS ARE PRESENT
                         1690   1824                $WAKE_S PRCNAM=DETNAME              ; WAKE DETACHED PROCESS ...
                         169F   1825                                                   ; ...TO ALLOW HIS EXIT
                         169F   1826                $QIOW_S CHAN=MBXCHAN, FUNC=#IO$_READVBLK, -
                         169F   1827                        P1=MBXBUFF+8, P2=MBXBUFF
                         16C8   1828                                                   ; ... AND WAIT 4 PROC TO BE DELETED
                         16C8   1829                $DELMBX_S  MBXCHAN                  ; DELETE TERMINATION MAILBOX
                 0138  30 16D6   1830                BSBW    MOD_MSG_PRINT              ; PRINT TEST MODULE END MSG
00000044'EF   01   1C  01  F0 16D9   1831                INSV    #1,#STS$V_INHIB_MSG,#1,MOD_MSG_CODE
                         16E2   1832                                                   ; INHIBIT PRINTING
                         16E2   1833                $EXIT_S MOD_MSG_CODE                ; EXIT TO OP SYS WITH MSG CODE
```

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- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:36:06 VAX/VMS Macro V04-00   Page 76
TC_CONTROL   5-SEP-1984 04:28:11 [UETPSY.SRC]SATSSF07.MAR;1   (3)

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```
16EF  1835            .SBTTL  TC_CONTROL
16EF  1836  ;++
16EF  1837  ; FUNCTIONAL DESCRIPTION:
16EF  1838  ;
16EF  1839  ;           THE TC_CONTROL SUBROUTINE IS CALLED BY THE TEST_SERV_EXEC
16EF  1840  ; MACRO TO EXECUTE A GROUP OF TEST CASES. A GROUP IS DEFINED BY A TC_GROUP
16EF  1841  ; MACRO. FOR EACH TC_GROUP MACRO, THERE IS A CORRESPONDING TESTSERV MACRO.
16EF  1842  ; TESTSERV CONTAINS CODE TO EXECUTE SYSTEM SERVICES AND CHECK THE RETURNED
16EF  1843  ; STATUS CODE VALUES. TESTSERV ARGUMENTS ARE CODED TO SPECIFY ALL THE SYSTEM
16EF  1844  ; SERVICE ARGUMENT VALUES AND THE EXPECTED STATUS CODE FOR EACH TEST CASE
16EF  1845  ; DEFINED BY A NEXT TEST CASE MACRO WITHIN THE GROUP. TC_CONTROL USES A
16EF  1846  ; CO-ROUTINE INTERFACE TO ENTER THE CODE OF THE APPROPRIATE TESTSERV MACRO
16EF  1847  ; IN VARIOUS PLACES. THE FIRST ENTRY OCCURS ONCE PER GROUP TO ALLOW TESTSERV
16EF  1848  ; TO DO SOME INITIALIZATION. THEN TWO ENTRIES  RE MADE FOR EACH TEST CASE IN
16EF  1849  ; THE GROUP. THE FIRST ALLOWS TESTSERV TO ISSUE THE SUBJECT SYSTEM SERVICE.
16EF  1850  ; THE SECOND ENTRY FOR THE TEST CASE CAUSES TESTSERV TO CHECK THE RETURNED
16EF  1851  ; STATUS CODE, PRINTING A FAILURE MESSAGE IF IT IS NOT THE EXPECTED CODE.
16EF  1852  ; IF THERE ARE NO MORE TEST CASES IN THE CURRENT GROUP, TESTSERV (NOT TC_CONTROL)
16EF  1853  ; RETURNS DIRECTLY TO TEST_SERV_EXEC (RSB ACTUALLY ISSUED IN TS_CLEANUP MACRO)
16EF  1854  ; FROM THIS SECOND ENTRY; OTHERWISE, CONTROL RETURNS TO TC_CONTROL WHICH
16EF  1855  ; IN TURN ENTERS TESTSERV AGAIN FOR THE NEXT TEST CASE. THE FAILURE OF A
16EF  1856  ; TEST CASE DOES NOT CAUSE TERMINATION OF THE TEST MODULE.
16EF  1857  ;
16EF  1858  ; CALLING SEQUENCE:
16EF  1859  ;
16EF  1860  ;       BSBW TC_CONTROL (ISSUED WITHIN THE TEST_SERV_EXEC MACRO)
16EF  1861  ;                       (RSB IS ISSUED WITHIN THE TS_CLEANUP MACRO)
16EF  1862  ;
16EF  1863  ; INPUT PARAMETERS:
16EF  1864  ;
16EF  1865  ;       NONE
16EF  1866  ;
16EF  1867  ; IMPLICIT INPUTS:
16EF  1868  ;
16EF  1869  ;       ARGUMENTS SPECIFIED ON EACH TESTSERV MACRO MAY BE VIEWED AS
16EF  1870  ;       INPUTS, SINCE TC_CONTROL AND TESTSERV ACT AS CO-ROUTINES.
16EF  1871  ;
16EF  1872  ; OUTPUT PARAMETERS:
16EF  1873  ;
16EF  1874  ;       SEVERITY CODE FIELD OF MOD_MSG_CODE (BITS 0,1,2) IS SET TO ERROR
16EF  1875  ;       IF ANY TEST CASE IN THE CURRENT GROUP FAILS; OTHERWISE IT REMAINS
16EF  1876  ;       SET TO SUCCESSFUL.
16EF  1877  ;
16EF  1878  ; IMPLICIT OUTPUTS:
16EF  1879  ;
16EF  1880  ;       %UETP-I-TEXT,   ERROR MESSAGES ARE WRITTEN TO SYS$OUTPUT BY
16EF  1881  ;                       THE TESTSERV MACRO (CO-ROUTINE WITH TC_CONTROL)
16EF  1882  ;
16EF  1883  ; COMPLETION CODES:
16EF  1884  ;
16EF  1885  ;       NONE
16EF  1886  ;
16EF  1887  ; SIDE EFFECTS:
16EF  1888  ;
16EF  1889  ;       NONE
16EF  1890  ;
16EF  1891  ;--
```

```
                                16EF    1892
                                16EF    1893
                                16EF    1894
                                16EF    1895    TC_CONTROL:
                  00000064'EF   DD    16EF    1896            PUSHL   TS_EP                   ; PUSH TESTSERV ENTRY POINT
                           9E   16    16F5    1897            JSB     @(SP)+                  ; ENTER TESTSERV INITIALIZATION
                                16F7    1898    10$:                                         ; PROCESS NEXT TEST CASE
                  00000056'EF   20  90 16F7    1899            MOVB    #^A/ /,.$$TSTN$$+2      ; MAKE SURE T.C. NAME HAS A BLANK
                         002F   30    16FE    1900            BSBW    REG_SAVE                ; SAVE REGISTERS
                  00000004'FF   16    1701    1901            JSB     @CURRENT_TC             ; JUMP TO CURRENT TEST CASE
                         0037   30    1707    1902            BSBW    REG_REST                ; RESTORE REGS FOR TESTSERV
                           9E   16    170A    1903            JSB     @(SP)+                  ; LET TESTSERV ISSUE SYSTEM SERVICE
                         0042   30    170C    1904            BSBW    REG_COMP                ; COMPARE REGS TO SEE IF ...
                                170F    1905                                                 ; ... SYSTEM SERVICE CHANGED ANY
                           9E   16    170F    1906            JSB     @(SP)+                  ; LET TESTSERV CHEK S.S. STATUS CODE
                  00000056'EF   2A  91 1711    1907            CMPB    #^A/*/,.$$TSTN$$+2     ; HAS TESTSERV INDICATED FAILURE ?
                           DD   12    1718    1908            BNEQU   10$                     ; NO -- PROCESS NEXT TEST CASE
         00000060'EF  00000088'EF   DE    171A    1909        MOVAL   TEST_MOD_FAIL,TMD_ADDR  ; YES -- INDICATE FAILED IN END MSG
         00000044'EF   03  00  02   F0    1725    1910        INSV    #ERROR,#0,#3,MOD_MSG_CODE ; ADJUST STATUS CODE FOR ERROR
                           C7   11    172E    1911            BRB     10$                     ; LOOP BAK TO PROCESS NEXT TEST CASE
                                1730    1912    ;
                                1730    1913    ;   TC_CONTROL RETURNS TO TEST_SERV_EXEC VIA TESTSERV (IN TS_CLEANUP MACRO)
                                1730    1914    ;
```

```
                          1730  1916            .SBTTL   SUBROUTINES
                          1730  1917  REG_SAVE:
                          1730  1918  ;
                          1730  1919  ; **********************************************************
                          1730  1920  ; *                                                        *
                          1730  1921  ; *   SAVES R0 THRU SP IN REG_SAVE_AREA                     *
                          1730  1922  ; *                                                        *
                          1730  1923  ; **********************************************************
                          1730  1924  ;
                 7FFF 8F BB  1730  1925            PUSHR   #R0_THRU_SP          ; SAVE ALL REGS ON STACK
  00000008'EF   6E   3C 28  1734  1926            MOVC3   #60,(SP),REG_SAVE_AREA  ; SAVE REGS (BEFORE S.S.)
                 7FFF 8F BA  173C  1927            POPR    #R0_THRU_SP          ; CLEAN UP STACK
                       05  1740  1928            RSB                          ; .... AND RETURN
                          1741  1929  ;
                          1741  1930  ;
                          1741  1931  ;
                          1741  1932  ;
                          1741  1933  REG_REST:
                          1741  1934  ;
                          1741  1935  ;
                          1741  1936  ; **********************************************************
                          1741  1937  ; *                                                        *
                          1741  1938  ; *   RESTORES R0 THRU SP FROM REG_SAVE_AREA               *
                          1741  1939  ; *                                                        *
                          1741  1940  ; **********************************************************
                          1741  1941  ;
              5E   3C C2  1741  1942            SUBL2   #60,SP               ; MOVE SP TO MAKE ROOM FOR REGS
  6E  00000008'EF   3C 28  1744  1943            MOVC3   #60,REG_SAVE_AREA,(SP)  ; MOVE REGS ONTO STACK FOR POP
                 7FFF 8F BA  174C  1944            POPR    #R0_THRU_SP          ; RESTORE ALL REGS FOR TESTSERV
                       05  1750  1945            RSB                          ; ... AND RETURN
```

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```
                        1751  1947 REG_COMP:
                        1751  1948 ;
                        1751  1949 ; ************************************************************************
                        1751  1950 ; *                                                                      *
                        1751  1951 ; *  1) PUSHES ALL REGS ONTO STACK                                        *
                        1751  1952 ; *  2) COMPARES REGISTER IMAGES FROM STACK WITH CORRESPONDING            *
                        1751  1953 ; *        IMAGES FROM REG_SAVE_AREA FOR ALL REGISTERS SPECIFIED          *
                        1751  1954 ; *        IN REG_COMP_MASK.                                              *
                        1751  1955 ; *  3) FOR EACH UNEQUAL COMPARE, AN ERROR MESSAGE IS PRINTED             *
                        1751  1956 ; *        (USING $FAO AND $OUTPUT SYSTEM SERVICES).                      *
                        1751  1957 ; *  4) POPS ALL REGS OFF OF STACK                                        *
                        1751  1958 ; *                                                                      *
                        1751  1959 ; ************************************************************************
                        1751  1960 ;
           7FFF 8F  BB  1751  1961          PUSHR    #R0_THRU_SP              ; SAVE ALL REGISTERS ON STACK
    56  00000008'EF  DE  1755  1962          MOVAL    REG_SAVE_AREA,R6        ; POINT R6 TO BEG OF ...
                        175C  1963                                           ; ... REGS (BEFORE S.S.)
        54     5E  DO  175C  1964          MOVL     SP,R4                   ; POINT R4 TO BEG OF
```

```
                          175F  1966                                          : ... REGS (AFTER S.S.)
          53   FF 8F   98 175F  1967          CVTBL    #-1,R3                 ; INITIALIZE REG_COMP_MASK INDEX
                          1763  1968 REG_COMP_NEXT:
                  53   D6 1763  1969          INCL     R3                     ; POINT TO NEXT BIT IN MASK
          53     0F   91 1765  1970          CMPB     #15,R3                  ; END OF THE MASK ?
                  03   1A 1768  1971          BGTRU    REG_COMP_CONT          ; NO -- CONTINUE
               009F   31 176A  1972          BRW      REG_COMP_RSB           ; YES -- GO TO COMMON RETURN
                          176D  1973 REG_COMP_CONT:
          84     86   D1 176D  1974          CMPL     (R6)+,(R4)+            ; REG BEFORE = REG AFTER ?
                 F1   13 1770  1975          BEQLU    REG_COMP_NEXT          ; YES -- LOOK FOR NEXT REG
  E9 00000000'EF  53   E1 1772  1976          BBC      R3,REG_COMP_MASK,REG_COMP_NEXT
                          177A  1977                                          ; NO -- GET NEXT IF BIT NOT SET
  00000048'EF    53   D0 177A  1978          MOVL     R3,CLOB_REG_NO         ; NO -- GIVE REG NUMBER TO FAO
0000004C'EF   FC A6   D0 1781  1979          MOVL     -4(R6),REG_BEFORE_SS   ; GIVE 'BEFORE' CONTENTS TO FAO
00000050'EF   FC A4   D0 1789  1980          MOVL     -4(R4),REG_AFTER_SS    ; GIVE ''AFTER'' CONTENTS TO FAO
00000056'EF    2A   90 1791  1981          MOVB     #^A/*/,$$TSTN$$+2       ; GIVE FAILURE INDIC'N IN ERROR MSG
                          1798  1982 :
                          1798  1983          $FAO_S   ERR_MSG_FAOCTL,OUTL,OUTD,$$SNAD$$,  -
                          1798  1984                   $$ASEQ$$,$$PSEQ$$,CLOB_REG_NO,REG_BEFORE_SS,REG_AFTER_SS
                          17CB  1985 :
  E9EC CF   E9B6 CF   B0 17CB  1986          MOVW     OUTL,OUTD              ; ACTUAL OUTPUT LEN IN STRING DESC'R
                          17D2  1987          PUTMSG   <#UETP$_TEXT,#1,#OUTD> ; PRINT THE MSG
  E9D0 CF   0084 8F   B0 17E7  1988          MOVW     #OUTE-OUTB,OUTD        ; GET MAX LEN BACK INTO DESCRIPTOR
  00000056'EF    20   90 17EE  1989          MOVB     #^A/ /,$$TSTN$$+2      ; REMOVE FAIL INDIC'N FOR NEXT MSG
00000060'EF  00000088'EF DE 17F5 1990          MOVAL    TEST_MOD_FAIL,TMD_ADDR ; INDICATE FAILED IN END MSG
00000044'EF  03  00  02 F0 1800 1991          INSV     #ERROR,#0,#3,MOD_MSG_CODE ; ADJUST STATUS CODE FOR ERROR
               FF57   31 1809  1992          BRW      REG_COMP_NEXT          ; GO LOOK FOR NEXT REG TO COMPARE
                          180C  1993 REG_COMP_RSB:
          7FFF 8F   BA 180C  1994          POPR     #R0_THRU_SP            ; CLEAN UP STACK
                 05   1810  1995          RSB                             ; RETURN TO CALLER
```

SATSSF07
V04-000

D 3
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:36:06   VAX/VMS Macro V04-00   Page 81
SUBROUTINES   5-SEP-1984 04:28:11 [UETPSY.SRC]SATSSF07.MAR;1   (4)

```
                   1811   1997 MOD_MSG_PRINT:
                   1811   1998 ;
                   1811   1999 ; **********************************************************
                   1811   2000 ; *                                                        *
                   1811   2001 ; *   PRINTS THE TEST MODULE BEGUN/SUCCESSFUL/FAILED MESSAGES *
                   1811   2002 ; *       (USING THE PUTMSG MACRO).                          *
                   1811   2003 ; *                                                        *
                   1811   2004 ; **********************************************************
                   1811   2005 ;
                   1811   2006          PUTMSG  <MOD_MSG_CODE,#2,TMN_ADDR,TMD_ADDR> ; PRINT MSG
              05   182C   2007          RSB                                  ; ... AND RETURN TO CALLER
                   182D   2008 ;
                   182D   2009 CHMRTN:
                   182D   2010 ; **********************************************************
                   182D   2011 ; *
                   182D   2012 ; *     CHANGE MODE ROUTINE. THIS ROUTINE GETS CONTROL WHENEVER
                   182D   2013 ; *     A CMKRNL, CMEXEC, OR CMSUP SYSTEM SERVICE IS ISSUED
                   182D   2014 ; *     BY THE MODE MACRO ('TO' OPTION).  IT MERELY DOES
                   182D   2015 ; *     A JUMP INDIRECT ON A FIELD SET UP BY MODE. IT HAS
                   182D   2016 ; *     THE EFFECT OF RETURNING TO THE END OF THE MODE
                   182D   2017 ; *     MACRO EXPANSION.
                   182D   2018 ; *
                   182D   2019 ; **********************************************************
                   182D   2020 ;
            0000   182D   2021          .WORD   0                      ; ENTRY MASK
00000079'FF   17   182F   2022          JMP     @CHM_CONT              ; RETURN TO MODE MACRO IN NEW MODE
                   1835   2023 ;
                   1835   2024 ; *     RET INSTR WILL BE ISSUED IN EXPANSION OF 'MODE FROM, ....' MACRO
                   1835   2025 ;
                   1835   2026          .END    SATSSF07
```

Symbol	Value			Symbol	Value		
$$$CHARS	= 00000048			PCB$L_UIC	= 0000008C		
$$$FIRSTTC$$$	= 00000000			PHD$Q_PRIVMSK	= 00000000		
$$$STRINGS	= 00000000			PIDADR_CWK	00000170	R	03
$$ACT$$	0000019D	R	06	PIDADR_CWK10	= 00000001		
$$ARG$$	000001A5	R	06	PIDADR_CWK11	00000008	R	05
$$ASEQ$$	00000195	R	06	PIDADR_CWK12	= 000001FF	R	04
$$CALL$$	00000189	R	06	PIDADR_CWK13	00000174	R	03
$$DISP$$	00000290	R	06	PIDADR_CWK14	00000178	R	03
$$ERR$$	0000024A	R	06	PIDADR_DPC	00000188	R	03
$$EXP$$	000001A1	R	06	PIDADR_DPC10	= 00000001		
$$INIT$$	0000018D	R	06	PIDADR_DPC11	0000002E	R	05
$$MAXP$$	= 00000005			PIDADR_DPC12	= 000001FF	R	04
$$PSEQ$$	00000199	R	06	PIDADR_DPC13	0000018C	R	03
$$SNAD$$	00000191	R	06	PIDADR_DPC14	00000190	R	03
$ST1	= 00000004			PIDADR_GJP	00000194	R	03
$ST2	= 00000009			PIDADR_GJP20	= 00000001		
$$TSTN$$	00000054	R	03	PIDADR_GJP21	00000198	R	03
CHMRTN	0000182D	R	06	PIDADR_GJP22	0000019C	R	03
CHM_CONT	00000079	R	03	PIDADR_WAK	0000017C	R	03
CLEANUP	00001670	R	06	PIDADR_WAK10	= 00000001		
CLOB_REG_NO	00000048	R	03	PIDADR_WAK11	0000001B	R	05
CTL$GL_PRD	********	X	06	PIDADR_WAK12	= 000001FF	R	04
CURRENT_TC	00000004	R	03	PIDADR_WAK13	00000180	R	03
DETFLAG	= 00000040			PIDADR_WAK14	00000184	R	03
DETIMAGE	000000BD	R	02	PRCNAM_CWK	000000F0	R	02
DETNAME	000000DC	R	02	PRCNAM_CWK20	0000000C	R	05
DETUIC	00000091	R	03	PRCNAM_CWK21	= 000001FF	R	04
DIB$W_UNIT	= 0000000C			PRCNAM_CWK22	000001FC	R	04
EMPTY	00000000	R	04	PRCNAM_CWK23	000001FB	R	04
ERROR	= 00000002			PRCNAM_CWK24	00000100	R	02
ERR_MSG_FAOCTL	00000002	R	02	PRCNAM_CWK25	000001F3	R	04
EXECUTE	0000162A	R	06	PRCNAM_CWK26	00000108	R	02
GRP_TOTAL	= 00000007			PRCNAM_CWK27	00000117	R	02
INADR	000000A9	R	02	PRCNAM_CWK28	0000011B	R	02
INFO	= 00000003			PRCNAM_DPC	00000176	R	02
IO$_READVBLK	********	X	06	PRCNAM_DPC20	00000032	R	05
ITMLST_GJP	000001F8	R	02	PRCNAM_DPC21	= 000001FF	R	04
ITMLST_GJP40	00000050	R	05	PRCNAM_DPC22	000001FC	R	04
ITMLST_GJP41	00000208	R	02	PRCNAM_DPC23	000001FB	R	04
JPI$_PID	= 00000319			PRCNAM_DPC24	00000186	R	02
JPIPID	000001A0	R	03	PRCNAM_DPC25	000001F3	R	04
LIB$SIGNAL	********	X	06	PRCNAM_DPC26	0000018E	R	02
MBXBUFF	000000F0	R	03	PRCNAM_DPC27	0000019D	R	02
MBXCHAN	00000095	R	03	PRCNAM_DPC28	000001A1	R	02
MBXCHANINFO	00000099	R	03	PRCNAM_GJP	000001B9	R	02
MBXUNIT	000000EC	R	03	PRCNAM_GJP30	00000041	R	05
MEXIT	= 00000000			PRCNAM_GJP31	000001C9	R	02
MOD_MSG_CODE	00000044	R	03	PRCNAM_GJP32	000001D8	R	02
MOD_MSG_PRINT	00001811	R	06	PRCNAM_GJP33	000001DC	R	02
NARGS	= 0000000E			PRCNAM_WAK	00000133	R	02
NOACCESS	00000000	R	05	PRCNAM_WAK20	0000001F	R	05
NSSARGS	= 00000005			PRCNAM_WAK21	= 000001FF	R	04
ONES	000000B5	R	02	PRCNAM_WAK22	000001FC	R	04
OUTB	000001C6	R	06	PRCNAM_WAK23	000001FB	R	04
OUID	000001BE	R	06	PRCNAM_WAK24	00000143	R	02
OUTE	0000024A	R	06	PRCNAM_WAK25	000001F3	R	04
OUTL	00000185	R	06	PRCNAM_WAK26	0000014B	R	02

PRCNAM_WAK27	0000015A	R	02	TCG_NO	= 00000007		
PRCNAM_WAK28	0000015E	R	02	TC_CONTROL	000016EF	R	06
PRIVMASK	00000071	R	03	TEST_MOD_BEG	00000077	R	02
PRIV_ARGS	= 00000002			TEST_MOD_FAIL	00000088	R	02
PROT	000000B1	R	02	TEST_MOD_NAME	0000006E	R	02
PRT$C_NA	********	X	02	TEST_MOD_NAME_D	0000008F	R	02
PRV$V_GROUP	= 00000008			TEST_MOD_SUCC	0000007D	R	02
PRV$V_WORLD	= 00000010			TMD_ADDR	00000060	R	03
PRVPRT	00000070	R	03	TMN_ADDR	0000005C	R	03
RO_THRU_SP	= 00007FFF			TPID	00000000	R	03
REGS	0000007D	R	03	TS1	00000917	R	06
REG_AFTER_SS	00000050	R	03	TS2	00000ACB	R	06
REG_BEFORE_SS	0000004C	R	03	TS3	00000C4E	R	06
REG_COMP	00001751	R	06	TS4	00000E00	R	06
REG_COMP_CONT	0000176D	R	06	TS5	00000F81	R	06
REG_COMP_MASK	00000000	R	02	TS6	00001135	R	06
REG_COMP_NEXT	00001763	R	06	TS7	000012B8	R	06
REG_COMP_RSB	0000180C	R	06	TS_EP	00000064	R	03
REG_REST	00001741	R	06	TTNAME	0000009F	R	02
REG_SAVE	00001730	R	06	UETP$_SATSMS	= 007480D9		
REG_SAVE_AREA	00000008	R	03	UETP$_TEXT	= 00741133		
RETADR	00000068	R	03	UNKN1_GJP	000001F4	R	02
SATSSF07	00000000	R	06	UNKN2_GJP	= 00000000		
SCH$GL_CURPCB	********	X	06	WARNING	= 00000000		
SEVERE	= 00000004						
SHR$K_SHRDEF	= 00000001						
SHR$_TEXT	= 00001130						
SS$_ACCVIO	********	X	06				
SS$_BADPARAM	********	X	06				
SS$_IVLOGNAM	********	X	06				
SS$_NONEXPR	********	X	06				
STS$V_INHIB_MSG	= 0000001C						
SUCCESS	= 00000001						
SYS$CANWAK	********	GX	06				
SYS$CMKRNL	********	GX	06				
SYS$CREMBX	********	GX	06				
SYS$CREPRC	********	GX	06				
SYS$DELMBX	********	GX	06				
SYS$DELPRC	********	GX	06				
SYS$EXIT	********	GX	06				
SYS$FAO	********	X	06				
SYS$FAOL	********	GX	06				
SYS$GETCHN	********	GX	06				
SYS$GETJPI	********	GX	06				
SYS$HIBER	********	GX	06				
SYS$QIOW	********	GX	06				
SYS$SETPRN	********	GX	06				
SYS$SETPRT	********	GX	06				
SYS$SETPRV	********	GX	06				
SYS$WAKE	********	GX	06				
TC1	000002EB	R	06				
TC2	000003F2	R	06				
TC3	0000049C	R	06				
TC4	000005A3	R	06				
TC5	0000064D	R	06				
TC6	00000734	R	06				
TC7	000007DE	R	06				

G 3

```
                        +-----------------+
                        ! Psect synopsis !
                        +-----------------+

PSECT name              Allocation          PSECT No.  Attributes
----------              ----------          ---------  ----------
.  ABS  .               00000000  (      0.)  00 (  0.)  NOPIC  USR  CON  ABS  LCL NOSHR NOEXE NORD   NOWRT NOVEC BYTE
$ABS$                   00000000  (      0.)  01 (  1.)  NOPIC  USR  CON  ABS  LCL NOSHR  EXE   RD    WRT   NOVEC BYTE
RODATA                  00000218  (    536.)  02 (  2.)  NOPIC  USR  CON  RFL  LCL NOSHR NOEXE  RD    NOWRT NOVEC LONG
RWDATA                  000001A4  (    420.)  03 (  3.)  NOPIC  USR  CON  REL  LCL NOSHR NOEXE  RD    WRT   NOVEC BYTE
SATS_ACCVIO_1           00000200  (    512.)  04 (  4.)  NOPIC  USR  CON  REL  LCL NOSHR NOEXE  RD    WRT   NOVEC PAGE
SATS_ACCVIO_2           00000200  (    512.)  05 (  5.)  NOPIC  USR  CON  REL  LCL NOSHR NOEXE  RD    WRT   NOVEC PAGE
SATSSF07                00001835  (   6197.)  06 (  6.)  NOPIC  USR  CON  REL  LCL NOSHR  EXE   RD    WRT   NOVEC LONG

                        +----------------------------+
                        . Performance indicators !
                        +----------------------------+


Phase                   Page faults    CPU Time       Elapsed Time
-----                   -----------    --------       ------------
Initialization              39         00:00:00.08    00:00:00.49
Command processing         140         00:00:00.61    00:00:02.69
Pass 1                     539         00:00:25.04    00:00:53.00
Symbol table sort            0         00:00:01.57    00:00:03.18
Pass 2                     643         00:00:07.11    00:00:16.01
Symbol table output         27         00:00:00.17    00:00:00.38
Psect synopsis output        6         00:00:00.04    00:00:00.04
Cross-reference output       0         00:00:00.00    00:00:00.00
Assembler run totals      1396         00:00:34.63    00:01:15.80
```

The working set limit was 900 pages.
141185 bytes (276 pages) of virtual memory were used to buffer the intermediate code.
There were 50 pages of symbol table space allocated to hold 803 non-local and 232 local symbols.
2026 source lines were read in Pass 1, producing 39 object records in Pass 2.
73 pages of virtual memory were used to define 56 macros.

```
                        +-------------------------------+
                        ! Macro library statistics !
                        +-------------------------------+


Macro library name                      Macros defined
------------------                      --------------
_$255$DUA28:[SHRLIB]UETP.MLB;1                19
_$255$DUA28:[SYS.OBJ]LIB.MLB;1                 2
_$255$DUA28:[SYSLIB]STARLET.MLB;2             29
TOTALS (all libraries)                        50
```

1458 GETS were required to define 50 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS$:SATSSF07/OBJ=OBJ$:SATSSF07 MSRC$:SATSSF07/UPDATE=(ENH$:SAT_SF07)+EXECML$/LIB+SHRLIB$:UETP/LIB

SATSSF07
LIS

SATSSF06
LIS