```
UUU         UUU   EEEEEEEEEEEEEE   TTTTTTTTTTTTTT   PPPPPPPPPPP              SSSSSSSSSSS   YYY            YYY
UUU         UUU   EEEEEEEEEEEEEE   TTTTTTTTTTTTTT   PPPPPPPPPPP              SSSSSSSSSSS   YYY            YYY
UUU         UUU   EEEEEEEEEEEEEE   TTTTTTTTTTTTTT   PPГPPPPPPPP              SSSSSSSSSSS   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          PPPPPPPPPPP        SSSSSSSSS              YYY
UUU         UUU   EEEEEEEEEEEE         TTT          PPPPPPPPPPP        SSSSSSSSS              YYY
UUU         UUU   EEEEEEEEEEEE         TTT          PPPPPPPPPPP        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                SSSSSSSSSSS           YYY
UUUUUUUUUUUUUUU   EEEEEEEEEEEEEE       TTT          PPP                SSSSSSSSSSS           YYY
UUUUUUUUUUUUUUU   EEEEEEEEEEEEEE       TTT          PPP                SSSSSSSSSSS           YYY
```

SATSSF09

LIS

```
0000     1                    .TITLE   SATSSF09 - SATS SYSTEM SERVICE TESTS  (FAILING S.C.)
0000     2                    .IDENT   'V04-000'
0000     3        ;
0000     4        ;
0000     5        ;**********************************************************************
0000     6        ;*                                                                    *
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0000    24        ;*                                                                    *
0000    25        ;*                                                                    *
0000    26        ;**********************************************************************
0000    27        ;
0000    28        ;
0000    29        ;++
0000    30        ; FACILITY:     SATS SYSTEM SERVICE TESTS
0000    31        ;
0000    32        ; ABSTRACT:      THE SATSSF09 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        ;       V03-002 LDJ0001         Larry D. Jones,        19-Apr-1984
0000    49        ;               Enhance to extended device name length from 64 to 256.
0000    50        ;
0000    51        ;       V03-001 RNH0001         Richard N. Holstein,    05-Nov-1982
0000    52        ;               Dollar signs are no longer illegal in device names,
0000    53        ;               substitute some characters which still are.
0000    54        ;--
```

```
                    0000   56            .SBTTL   DECLARATIONS
                    0000   57  ;
                    0000   58  ; INCLUDE FILES:
                    0000   59  ;
                    0000   60            $PHDDEF                              ; PROCESS HEADER OFFSET SYMBOLS
                    0000   61            $PCBDEF                              ; PROCESS CONTROL BLOCK OFFSET SYMBS
                    0000   62            $STSDEF                              ; STATUS MESSAGE SYMBOLS
                    0000   63            $PRVDEF                              ; SYMBOL DEFS FOR PRIVILEGES
                    0000   64            $UETPDEF                             ; UETP MSG CODE DEFINITIONS
                    0000   65            $SHR_MESSAGES UETP,116,<<TEXT,INFO>>
                    0000   66                                                ; DEFINE UETP$ TEXT
                    0000   67            $PSLDEF                              ; ACCESS MODE SYMBOLS
                    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>
00000000            0000   82  MBXNAM_ASN      = 0            ; MBXNAM ARG FOR $ASSIGN (MISSING ARG)
                    0000   83  ;
                    0000   84  ; OWN STORAGE:
                    0000   85  ;
```

```
                    00000000       87              .PSECT  RODATA,RD,NOWRT,NOEXE,LONG
             BFFC   0000           88 REG_COMP_MASK:  .WORD   ^M<R2,R3,R4,R5,R6,R7,R8,R9,R10,R11,AP,FP> ! ^X8000 -
                    0002           89                                       ; REG COMPARE MASK (HIGH-ORDER ...
                    0002           90                                       ; ... BIT MUST BE ON
                    0002           91 ERR_MSG_FAOCTL: STRING  I,<!/!AC!1ZB!1ZB: REGISTER !2UW CONTENTS ALTERED>, -
                    0002           92                                       <;   BEFORE SERVICE CALL: !8XL   AFTER SERVICE CALL: !8XL>
                    006E           93 TEST_MOD_NAME:  STRING  C,<SATSSF09>    ; TEST MODULE NAME
                    0077           94 TEST_MOD_BEG:   STRING  C,<begun>       ; DISPOSITION FIELD OF TEST MOD MSG
                    007D           95 TEST_MOD_SUCC:  STRING  C,<successful>  ; DISPOSITION FIELD OF TEST MOD MSG
                    0088           96 TEST_MOD_FAIL:  STRING  C,<failed>      ; DISPOSITION FIELD OF TEST MOD MSG
                    008F           97 TEST_MOD_NAME_D: STRING I,<SATSSF09>    ; TEST MODULE NAME DESCRIPTOR
                    009F           98 TTNAME:         STRING  I,<TT>          ; TERMINAL LOGICAL NAME
   00000000'00000000' 00A9         99 INADR:          .LONG   NOACCESS,NOACCESS ; PAGE ADDRESS OF NOACCESS PSECT
             00000000' 00B1       100 PROT:           .LONG   PRT$C_NA        ; PROTECTION CODE FOR NOACCESS PSECT
    FFFFFFFF FFFFFFFF 00B5        101 ONES:           .LONG   -1,-1           ; A QUADWORD OF 1-BITS
                    00BD          102 DEVNAM_GDV:                             ; DEVNAM ARGUMENT FOR GETDEV
                    00BD          103 DEVNAM_ASN:                             ; DEVNAM ARGUMENT FOR ASSIGN
                    00BD          104 MBXNAM_ASN42:                           ; MBXNAM ARGUMENT FOR ASSIGN
                    00BD          105                 STRING  I,<SYS$DISK>
                    00CD          106 DEVNAM_GDV10:   STRING  I,<_!a>         ; DEVNAM ARGUMENT FOR GETDEV
                    00D8          107 DEVNAM_GDV11:                           ; DEVNAM ARGUMENT FOR GETDEV
                    00D8          108 DEVNAM_ASN10:                           ; DEVNAM ARGUMENT FOR ASSIGN
             00000000 00D8        109                 .LONG   0
             000000DC' 00DC       110                 .ADDRESS .             ; ...........
                    00E0          111 DEVNAM_GDV12:                           ; DEVNAM ARGUMENT FOR GETDEV
                    00E0          112 MBXNAM_ASN40:                           ; MBXNAM ARGUMENT FOR ASSIGN
             00000100 00E0        113                 .LONG 256
             000000E8' 00E4       114                 .ADDRESS .+4
20 44 45 52 44 4E 55 48 20 4F 57 54 00E8 115         .ASCII /TWO HUNDRED AND FIFTY SIX CHARACTERS/
49 53 20 59 54 46 49 46 20 44 4E 41 00F4
53 52 45 54 43 41 52 41 48 43 20 58 0100
             000001E8 010C       116                 .BLKB 220
                    01E8          117 DEVNAM_GDV13:                           ; DEVNAM ARGUMENT FOR GETDEV
                    01E8          118 DEVNAM_ASN11:                           ; DEVNAM ARGUMENT FOR ASSIGN
                    01E8          119                 STRING  I,<_ZZA0:>
                    01F6          120 PRILEN_GDV20:                           ; PRILEN ARGUMENT FOR GETDEV
                    01F6          121 SECLEN_GDV40:                           ; SECLEN ARGUMENT FOR GETDEV
                    01F6          122 PRILEN_GCH20:                           ; PRILEN ARGUMENT FOR GETCHN
                    01F6          123 SECLEN_GCH40:                           ; SECLEN ARGUMENT FOR GETCHN
             000001F8 01F6        124                 .BLKW   1
                    01F8          125 PRIBUF_GDV31:                           ; PRIBUF ARGUMENT FOR GETDEV
                    01F8          126 SECBUF_GDV51:                           ; SECBUF ARGUMENT FOR GETDEV
                    01F8          127 PRIBUF_GCH31:                           ; PRIBUF ARGUMENT FOR GETCHN
                    01F8          128 SECBUF_GCH51:                           ; SECBUF ARGUMENT FOR GETCHN
                    01F8          129                 STRING  0,100
                    0264          130 MY_DISK:        STRING  I,<SYS$DISK>     ; LOGICAL NAME FOR USER DISK
                    0274          131 CHAN_GCH10:                             ; CHAN ARGUMENT FOR GETCHN
                    0274          132 CHAN_DAS11:                             ; CHAN ARGUMENT FOR DASSGN
                    0274          133 CHAN_DMX12:                             ; CHAN ARGUMENT FOR DELMBX
             00000000 0274        134                 .LONG   0
                    0278          135 CHAN_GCH11:                             ; CHAN ARGUMENT FOR GETCHN
                    0278          136 CHAN_DAS12:                             ; CHAN ARGUMENT FOR DASSGN
                    0278          137 CHAN_DMX13:                             ; CHAN ARGUMENT FOR DELMBX
             3B9ACA00 0278        138                 .LONG   1000000000
             00000280 027C        139 CHAN_ASN20:     .BLKL   1               ; CHAN ARGUMENT FOR ASSIGN
             00000003 0280        140 ACMODE_ASN:     .LONG   PSL$C_USER      ; ACMODE ARGUMENT FOR ASSIGN
                    0284          141 MBXNAM_ASN41:   STRING  I,<_??>         ; MBXNAM ARGUMENT FOR ASSIGN
```

SATSSF09
V04-000

K 5
– SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:38:08 VAX/VMS Macro V04-00   Page 4
DECLARATIONS   5-SEP-1984 04:28:29 [UETPSY.SRC]SATSSF09.MAR;1   (1)

SA
VO

```
      00000000    143            .PSECT  RWDATA,RD,WRT,NOEXE
00000004  0000    144 TPID:           .BLKL    1          ; PROCESS ID FOR THIS PROCESS
00000008  0004    145 CURRENT_TC:     .BLKL    1          ; PTR TO CURRENT TEST CASE
0000004C  0008    146 REG_SAVE_AREA:  .BLKL    15         ; SAVE AREA FOR ALL REGS (SANS PC)
007480D9  0044    147 MOD_MSG_CODE:   .LONG    UETP$_SATSMS ; TEST MODULE MSG CODE FOR PUTMSG
0000004C  0048    148 CLOB_REG_NO:    .BLKL    1          ; CLOBBERED REG NO (FOR FAO ERR MSG)
00000050  004C    149 REG_BEFORE_SS:  .BLKL    1          ; REG CONTENTS BEFORE S.S.
          0050    150                                     ; ... (FOR FAO ERROR MSG)
00000054  0050    151 REG_AFTER_SS:   .BLKL    1          ; REG CONTENTS AFTER S.S.
          0054    152                                     ; ... (FOR FAO ERROR MSG)
          0054    153 SSTSTN$$:       STRING  C,<  SF  >  ; ASCII PORTION OF TEST CASE NAME
0000006E' 005C    154 TMN_ADDR:       .ADDRESS TEST_MOD_NAME ; ADDR OF TEST MOD NAME FOR FAO
00000077' 0060    155 TMD_ADDR:       .ADDRESS TEST_MOD_BEG ; ADDR OF T.M. DISP FIELD FOR FAO
00000068  0064    156 TS_EP:          .BLKL    1          ; ENTRY PNT FOR CURR TESTSERV MACRO
00000070  0068    157 RETADR:         .BLKL    2          ; RETURN LONGWORDS FOR SETPRT
00000071  0070    158 PRVPRT:         .BLKB    1          ; PROT RETURN BYTE FOR SETPRT
00000079  0071    159 PRIVMASK:       .BLKQ    1          ; ADDR OF PRIVILEGE MASK (IN PHD)
0000007D  0079    160 CHM_CONT:       .BLKL    1          ; CHANGE MODE CONTINUE ADDRESS
00000091  007D    161 REGS:           .BLKL    5          ; AREA FOR COND INDEX REGS (R2-R6)
          0091    162 PRILEN_GDV:                         ; PRILEN ARGUMENT FOR GETDEV
          0091    163 SECLEN_GDV:                         ; SECLEN ARGUMENT FOR GETDEV
          0091    164 PRILEN_GCH:                         ; PRILEN ARGUMENT FOR GETCHN
          0091    165 SECLEN_GCH:                         ; SECLEN ARGUMENT FOR GETCHN
00000093  0091    166                 .BLKW    1
          0093    167 PRIBUF_GDV:                         ; PRIBUF ARGUMENT FOR GETDEV
          0093    168 SECBUF_GDV:                         ; SECBUF ARGUMENT FOR GETDEV
          0093    169 PRIBUF_GCH:                         ; PRIBUF ARGUMENT FOR GETCHN
          0093    170 SECBUF_GCH:                         ; SECBUF ARGUMENT FOR GETCHN
          0093    171                 STRING  0,100
          00FF    172 PRIBUF_GDV30:                       ; PRIBUF ARGUMENT FOR GETDEV
          00FF    173 PRIBUF_GCH30:                       ; PRIBUF ARGUMENT FOR GETCHN
          00FF    174                 STRING  0,1
          0108    175 SECBUF_GDV50:                       ; SECBUF ARGUMENT FOR GETDEV
          0108    176 SECBUF_GCH50:                       ; SECBUF ARGUMENT FOR GETCHN
00000000  0108    177                 .LONG    0
0000010C' 010C    178                 .ADDRESS .          ; .............
00000000  0110    179 CHAN_GCH:       .LONG    0          ; CHAN ARGUMENT FOR GETCHN
00000000  0114    180 CHAN_GCH12:     .LONG    0          ; CHAN ARGUMENT FOR GETCHN
0000011A  0118    181 CHAN_ASN:       .BLKW    1          ; CHAN ARGUMENT FOR ASSIGN
00000000  011A    182 CHAN_DAS:       .LONG    0          ; CHAN ARGUMENT FOR DASSGN
00000000  011E    183 CHAN_DAS10:     .LONG    0          ; CHAN ARGUMENT FOR DASSGN
00000000  0122    184 CHAN_DMX:       .LONG    0          ; CHAN ARGUMENT FOR DELMBX
00000000  0126    185 CHAN_DMX10:     .LONG    0          ; CHAN ARGUMENT FOR DELMBX
00000000  012A    186 CHAN_DMX11:     .LONG    0          ; CHAN ARGUMENT FOR DELMBX
00000000  012E    187 CHAN_DMX14:     .LONG    0          ; CHAN ARGUMENT FOR DELMBX
```

```
   00000000      189                    .PSECT  SATS_ACCVIO_1,RD,WRT,NOEXE,PAGE
00000200  0000   190 EMPTY:             .BLKB   512               ; RESERVE A PAGE OF SPACE
          0200   191 ;
          0200   192 ; +
          0200   193 ; **********************************************************************
          0200   194 ; *                                                                    *
          0200   195 ; *       THE ORDER OF STATEMENTS IN THIS PSECT IS CRITICAL.           *
          0200   196 ; *       DO NOT RE-ARRANGE THE VARIABLES. CONSULT SATS                *
          0200   197 ; *       FUNCTIONAL SPECIFICATION FOR A DESCRIPTION OF THE USE         *
          0200   198 ; *       OF THE EMPTY PSECT (AND ITS COMPANION PSECT, NOACCESS).       *
          0200   199 ; *                                                                    *
          0200   200 ; **********************************************************************
          0200   201 ; -
          0200   202 ;
          0200   203 ; TYPE AAAAA_SSSX1 (TYPE AAAAA_SSSX2 IF NOT DESC) GO HERE:
000001F3  0200   204                    . = . - 13               ; ALLOW ROOM FOR STRING DESCRIPTOR
          01F3   205 ; TYPE AAAAA_SSSX5 GO HERE:
00000006  01F3   206                    .LONG   6                ; STRING LENGTH (WILL CROSS PSECT BOUNDARY)
000001FB' 01F7   207                    .ADDRESS .+4             ; STRING ADDRESS
          01FB   208 ; TYPE AAAAA_SSSX3 GO HERE:
000001FC  01FB   209                    .BLKB   1                ; LOW-ORDER BYTE OF STRING LENGTH
          01FC   210 ; TYPE AAAAA_SSSX2 GO HERE:
00000200  01FC   211                    .BLKL   1                ; STRING LENGTH
          0200   212 ;
          0200   213 ;
          0200   214 ;
          0200   215 ;
   00000000      216                    .PSECT  SATS_ACCVIO_2,RD,WRT,NOEXE,PAGE
00000200  0000   217 NOACCESS:          .BLKB   512              ; RESERVE A PAGE OF SPACE
00000000  0200   218                    . = . - 512             ; RETURN LOC CTR TO BEGINNING OF PSECT
00000000' 0000   219                    .ADDRESS EMPTY           ; ADDRESS OF ACCESSIBLE STRING
00000000' 0004   220                    .ADDRESS EMPTY/^X100     ; ADDRESS OF ACCESSIBLE STRING
          0008   221 ; +
          0008   222 ; *** NOTE -- DO NOT CHANGE LOCATION OR SEQUENCE OF ABOVE STATEMENTS!
          0008   223 ; ***        THIS PSECT (NOACCESS) MUST APPEAR IN MEMORY IMMEDIATELY
          0008   224 ; ***        FOLLOWING THE EMPTY PSECT. PSECT NAMES AND OPTIONS WILL BE
          0008   225 ; ***        CHOSEN TO FORCE THE DESIRED PSECT ORDERING.
          0008   226 ; -
          0008   227 ;
          0008   228 DEVNAM_GDV14:      STRING  I,<SYS$DISK>     ; DEVNAM ARGUMENT FOR GETDEV
          0018   229 DEVNAM_ASN12:      STRING  I,<SYS$DISK>     ; DEVNAM ARGUMENT FOR ASSIGN
          0028   230 MBXNAM_ASN43:      STRING  I,<_MB0:>        ; MBXNAM ARGUMENT FOR ASSIGN
          0035   231 ;
          0035   232 ;
          0035   233 ;
   00000000      234                    .PSECT  SATSSF09,RD,WRT,EXE,LONG
```

```
0000    236           .SBTTL  SATSSF09
0000    237  ;++
0000    238  ; FUNCTIONAL DESCRIPTION:
0000    239  ;
0000    240  ;            AFTER PERFORMING SOME INITIAL HOUSEKEEPING, SUCH AS
0000    241  ; PRINTING THE MODULE BEGIN MESSAGE AND ACQUIRING ALL PRIVILEGES,
0000    242  ; THE SATSSF09 ROUTINE EXECUTES THE TEST_SERV_EXEC MACRO TO RUN
0000    243  ; ALL TEST CASES. WHEN THE MACRO COMPLETES ITS EXECUTION, SATSSF09
0000    244  ; PRINTS A TEST MODULE SUCCESS OR FAIL MESSAGE AND EXITS TO THE
0000    245  ; OPERATING SYSTEM. TEST_SERV_EXEC CALLS THE TC_CONTROL/TESTSERV
0000    246  ; CO-ROUTINE PAIR ONCE PER TEST CASE GROUP TO EXECUTE ALL TEST
0000    247  ; CASES IN THAT GROUP. EACH TEST CASE GROUP IS DEFINED BY BOUNDING
0000    248  ; ITS TEST CASES WITH A TC_GROUP MACRO BEFORE THE FIRST TEST CASE
0000    249  ; AND A TCEND MACRO AFTER THE LAST ONE. THE TEST CASES THEMSELVES
0000    250  ; ARE DEFINED WITHIN THESE BOUNDS BY PRECEDING EACH WITH A
0000    251  ; NEXT_TEST_CASE MACRO. TC_CONTROL/TESTSERV EXECUTES THE CODE
0000    252  ; FOLLOWING EACH NEXT_TEST_CASE MACRO IMMEDIATELY BEFORE ISSUING
0000    253  ; THE SYSTEM SERVICE AS REQUESTED IN THE TESTSERV MACRO. TC_CONTROL/
0000    254  ; TESTSERV ALSO CHECKS THE RESULTS OF THE SERVICE WITH RESPECT
0000    255  ; TO ITS EXPECTED STATUS CODE AND PRINTS ANY REQUIRED FAILURE
0000    256  ; MESSAGES FOR THE TEST CASE. THE CODE APPEARING AFTER EACH
0000    257  ; NEXT_TEST_CASE MACRO IS MERELY TO SET UP CONDITIONS REQUIRED
0000    258  ; FOR THE SYSTEM SERVICE AND TO CLEAN UP ANY RESOURCES ACQUIRED
0000    259  ; BY THE PREVIOUS TEST CASE.
0000    260  ;
0000    261  ; CALLING SEQUENCE:
0000    262  ;
0000    263  ;     $ RUN SATSSF09  ...  (DCL COMMAND)
0000    264  ;
0000    265  ; INPUT PARAMETERS:
0000    266  ;
0000    267  ;     NONE
0000    268  ;
0000    269  ; IMPLICIT INPUTS:
0000    270  ;
0000    271  ;     NONE
0000    272  ;
0000    273  ; OUTPUT PARAMETERS:
0000    274  ;
0000    275  ;     NONE
0000    276  ;
0000    277  ; IMPLICIT OUTPUTS:
0000    278  ;
0000    279  ;     MESSAGES TO SYS$OUTPUT ARE THE ONLY OUTPUT FROM SATSSF09.
0000    280  ;     THEY ARE OF THE FORM:
0000    281  ;
0000    282  ;          %UETP-S-SATSMS, TEST MODULE SATSSF09 BEGUN ... (BEGIN MSG)
0000    283  ;          %UETP-S-SATSMS, TEST MODULE SATSSF09 SUCCESSFUL ... (END MSG)
0000    284  ;          %UETP-E-SATSMS, TEST MODULE SATSSF09 FAILED ... (END MSG)
0000    285  ;          %UETP-I-TEXT, ... (VARIABLE INFORMATION ABOUT A TEST MODULE FAILURE)
0000    286  ;
0000    287  ; COMPLETION CODES:
0000    288  ;
0000    289  ;     THE SATSSF09 ROUTINE TERMINATES WITH A $EXIT TO THE
0000    290  ;     OPERATING SYSTEM WITH A STATUS CODE DEFINED BY UETP$_SATSMS.
0000    291  ;
0000    292  ; SIDE EFFECTS:
```

```
                        0000     293 ;
                        0000     294 ;          NONE
                        0000     295 ;
                        0000     296 ;--
                        0000     297
                        0000     298
                        0000     299
                        0000     300     SATSSF09:
                OFFC    0000     301          .WORD    ^M<R2,R3,R4,R5,R6,R7,R8,R9,R10,R11>
                        0002     302                                           ; ENTRY MASK
                        0002     303          $WAKE_S   TPID                    ; GET PID OF THIS PROCESS
                        0011     304          $HIBER_S                          ; UNDO WAKE
                        0018     305          $SETPRN_S TEST_MOD_NAME_D         ; SET PROCESS NAME
                131D 30 0025     306          BSBW     MOD_MSG_PRINT            ; PRINT TEST MODULE BEGIN MSG
 00000060'EF   0000007D'EF DE 0028 307         MOVAL    TEST_MOD_SUCC,TMD_ADDR   ; ASSUME END MSG WILL SHOW SUCCESS
 00000044'EF   03   00   01 F0 0033 308         INSV     #SUCCESS,#0,#3,MOD_MSG_CODE ; ADJUST STATUS CODE FOR SUCCESS
                        003C     309          MODE     TO,10$,KRNL,NOREGS       ; KERNEL MODE TO ACCESS PHD
        59   00000000'9F DO 0059 310          MOVL     @#CTL$GL_PHD,R9          ; GET PROCESS HEADER ADDRESS
        00000071'EF   69 DE 0060 311          MOVAL    PHD$Q_PRIVMSK(R9),PRIVMASK ; GET PRIV MASK ADDRESS
                        0067     312          MODE     FROM,10$                 ; GET BACK TO USER MODE
                        0068     313          PRIV     ADD,ALL                  ; GET ALL PRIVILEGES
                        0088     314          DISPSERV                          ; SET UP DISPLAY INFO FOR TESTSERV
                        021D     315          $SETPRT_S INADR=INADR, RETADR=RETADR, -
                        021D     316                   PROT=PROT, PRVPRT=PRVPRT
                        023E     317                                           ; SET NOACCESS PSECT ...
                        023E     318                                           ; ... FOR NO USER ACCESS
                0F97 31 023E     319          BRW      EXECUTE                  ; GO EXECUTE ALL TEST CASES
                        0241     320 ;
                        0241     321          TC_GROUP         GDV,1,TS1
                        0268     322 ;
                        0268     323          NEXT_TEST_CASE  SFGDV10
```

SATSSF09
V04-000

B 6
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:38:08 VAX/VMS Macro V04-00   Page 8
SFGDV10   5-SEP-1984 04:28:29 [UETPSY.SRC]SATSSF09.MAR;1   (1)

SAT
V04

```
0268   324  ;
0268   325  ;++
0268   326  ; ********************************************************
0268   327  ; *
0268   328  ; *  TEST CASE NAME:          SFGDV10
0268   329  ; *
0268   330  ; *  SYSTEM SERVICE:          GETDEV
0268   331  ; *
0268   332  ; *  ARGUMENT UNDER TEST:     DEVNAM_GDV10
0268   333  ; *
0268   334  ; *  INPUT CONDITIONS:
0268   335  ; *      INVALID CHARACTERS IN DEVICE NAME
0268   336  ; *
0268   337  ; *  EXPECTED RESULTS:
0268   338  ; *      1) SYSTEM STATUS CODE:  IVDEVNAM
0268   339  ; *      2) REGISTERS R2 THROUGH FP UNCHANGED
0268   340  ; *
0268   341  ; ********************************************************
0268   342  ;--
0268   343  ;
0268   344  ;
0268   345            NEXT_TEST_CASE  SFGDV11
```

```
0274   346 :
0274   347 :++
0274   348 : ****************************************************************
0274   349 : *
0274   350 : *   TEST CASE NAME:          SFGDV11
0274   351 : *
0274   352 : *   SYSTEM SERVICE:          GETDEV
0274   353 : *
0274   354 : *   ARGUMENT UNDER TEST:     DEVNAM_GDV11
0274   355 : *
0274   356 : *   INPUT CONDITIONS:
0274   357 : *       ZERO LENGTH DEVICE NAME
0274   358 : *
0274   359 : *   EXPECTED RESULTS:
0274   360 : *       1) SYSTEM STATUS CODE:  IVLOGNAM
0274   361 : *       2) REGISTERS R2 THROUGH FP UNCHANGED
0274   362 : *
0274   363 : ****************************************************************
0274   364 :--
0274   365 :
0274   366 :
0274   367            NEXT_TEST_CASE  SFGDV12
```

```
0280   368 ;
0280   369 ;++
0280   370 ;******************************************************************
0280   371 ; *
0280   372 ; *   TEST CASE NAME:          SFGDV12
0280   373 ; *
0280   374 ; *   SYSTEM SERVICE:          GETDEV
0280   375 ; *
0280   376 ; *   ARGUMENT UNDER TEST:     DEVNAM_GDV12
0280   377 ; *
0280   378 ; *   INPUT CONDITIONS:
0280   379 ; *      DEVICE NAME IS 64 CHARACTERS LONG.
0280   380 ; *
0280   381 ; *   EXPECTED RESULTS:
0280   382 ; *      1) SYSTEM STATUS CODE:  IVLOGNAM
0280   383 ; *      2) REGISTERS R2 THROUGH FP UNCHANGED
0280   384 ; *
0280   385 ;******************************************************************
0280   386 ;--
0280   387 ;
0280   388 ;
0280   389           NEXT_TEST_CASE  SFGDV13
```

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E 6
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:38:08 VAX/VMS Macro V04-00   Page 11
SFGDV13   5-SEP-1984 04:28:29 [UETPSY.SRC]SATSSF09.MAR;1   (1)

```
028C    390  ;++
028C    391  ;*
028C    392  ;********************************************************
028C    393  ;*
028C    394  ;*   TEST CASE NAME:         SFGDV13
028C    395  ;*
028C    396  ;*   SYSTEM SERVICE:         GETDEV
028C    397  ;*
028C    398  ;*   ARGUMENT UNDER TEST:    DEVNAM_GDV13
028C    399  ;*
028C    400  ;*   INPUT CONDITIONS:
028C    401  ;*      VALID, NON-EXISTENT DEVICE
028C    402  ;*
028C    403  ;*   EXPECTED RESULTS:
028C    404  ;*      1) SYSTEM STATUS CODE:  NOSUCHDEV
028C    405  ;*      2) REGISTERS R2 THROUGH FP UNCHANGED
028C    406  ;*
028C    407  ;********************************************************
028C    408  ;--
028C    409  ;
028C    410  ;
028C    411          NEXT_TEST_CASE  SFGDV14
```

```
0298    412  ;
0298    413  ;++
0298    414  ; ********************************************************************
0298    415  ; *
0298    416  ; *   TEST CASE NAME:           SFGDV14
0298    417  ; *
0298    418  ; *   SYSTEM SERVICE:           GETDEV
0298    419  ; *
0298    420  ; *   ARGUMENT UNDER TEST:      DEVNAM_GDV14
0298    421  ; *
0298    422  ; *   INPUT CONDITIONS:
0298    423  ; *      DEVICE NAME IN NON-ACCESSIBLE PSECT.
0298    424  ; *
0298    425  ; *   EXPECTED RESULTS:
0298    426  ; *      1) SYSTEM STATUS CODE:  ACCVIO
0298    427  ; *      2) REGISTERS R2 THROUGH FP UNCHANGED
0298    428  ; *
0298    429  ; ********************************************************************
0298    430  ;--
0298    431  ;
0298    432  ;
0298    433            NEXT_TEST_CASE  SFGDV20
```

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G 6
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:38:08 VAX/VMS Macro V04-00
SFGDV20   5-SEP-1984 04:28:29 [UETPSY.SRC]SATSSF09.MAR;1

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(1)

```
02A4   434 ;++
02A4   435 ;*
02A4   436 ;****************************************************
02A4   437 ;*
02A4   438 ;*  TEST CASE NAME:         SFGDV20
02A4   439 ;*
02A4   440 ;*  SYSTEM SERVICE:         GETDEV
02A4   441 ;*
02A4   442 ;*  ARGUMENT UNDER TEST:    PRILEN_GDV20
02A4   443 ;*
02A4   444 ;*  INPUT CONDITIONS:
02A4   445 ;*     PRIMARY CHARACTERISTICS LENGTH FIELD IN
02A4   446 ;*        READ-ONLY PSECT.
02A4   447 ;*
02A4   448 ;*  EXPECTED RESULTS:
02A4   449 ;*     1) SYSTEM STATUS CODE:  ACCVIO
02A4   450 ;*     2) REGISTERS R2 THROUGH FP UNCHANGED
02A4   451 ;*
02A4   452 ;****************************************************
02A4   453 ;--
02A4   454 ;
02A4   455 ;
02A4   456         NEXT_TEST_CASE  SFGDV30
```

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H 6
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:38:08 VAX/VMS Macro V04-00   Page 14
SFGDV30   5-SEP-1984 04:28:29 [UETPSY.SRC]SATSSF09.MAR;1   (1)

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VO

```
02B0   457 ;
02B0   458 ;++
02B0   459 ;************************************************************
02B0   460 ; *
02B0   461 ; *   TEST CASE NAME:          SFGDV30
02B0   462 ; *
02B0   463 ; *   SYSTEM SERVICE:          GETDEV
02B0   464 ; *
02B0   465 ; *   ARGUMENT UNDER TEST:     PRIBUF_GDV30
02B0   466 ; *
02B0   467 ; *   INPUT CONDITIONS:
02B0   468 ; *       PRIMARY CHARACTERISTICS BUFFER (LENGTH 1) IS
02B0   469 ; *          TOO SHORT FOR INCOMING DATA.
02B0   470 ; *
02B0   471 ; *   EXPECTED RESULTS:
02B0   472 ; *       1) SYSTEM STATUS CODE:  BUFFEROVF
02B0   473 ; *       2) REGISTERS R2 THROUGH FP UNCHANGED
02B0   474 ; *
02B0   475 ;************************************************************
02B0   476 ;--
02B0   477 ;
02B0   478 ;
02B0   479            NEXT_TEST_CASE  SFGDV31
```

I 6

SATSSF09   - SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:38:08 VAX/VMS Macro V04-00   Page 15   SA
V04-000   SFGDV31   5-SEP-1984 04:28.29 [UETPSY.SRC]SATSSF09.MAR;1   (1)   V0

```
02BC    480 ;
02BC    481 ;++
02BC    482 ; ***************************************************************
02BC    483 ; *
02BC    484 ; * TEST CASE NAME:            SFGDV31
02BC    485 ; *
02BC    486 ; * SYSTEM SERVICE:            GETDEV
02BC    487 ; *
02BC    488 ; * ARGUMENT UNDER TEST:       PRIBUF_GDV31
02BC    489 ; *
02BC    490 ; * INPUT CONDITIONS:
02BC    491 ; *    PRIMARY CHARACTERISTICS BUFFER IN READ-ONLY PSECT.
02BC    492 ; *
02BC    493 ; * EXPECTED RESULTS:
02BC    494 ; *    1) SYSTEM STATUS CODE:  ACCVIO
02BC    495 ; *    2) REGISTERS R2 THROUGH FP UNCHANGED
02BC    496 ; *
02BC    497 ; ***************************************************************
02BC    498 ;--
02BC    499 ;
02BC    500 ;
02BC    501           NEXT_TEST_CASE  SFGDV40
```

```
02C8    502  :
02C8    503  ;++
02C8    504  ; ***********************************************************
02C8    505  ; *
02C8    506  ; *   TEST CASE NAME:         SFGDV40
02C8    507  ; *
02C8    508  ; *   SYSTEM SERVICE:         GETDEV
02C8    509  ; *
02C8    510  ; *   ARGUMENT UNDER TEST:    SECLEN_GDV40
02C8    511  ; *
02C8    512  ; *   INPUT CONDITIONS:
02C8    513  ; *       SECONDARY CHARACTERISTICS LENGTH FIELD IN
02C8    514  ; *         READ-ONLY PSECT.
02C8    515  ; *
02C8    516  ; *   EXPECTED RESULTS:
02C8    517  ; *       1) SYSTEM STATUS CODE:  ACCVIO
02C8    518  ; *       2) REGISTERS R2 THROUGH FP UNCHANGED
02C8    519  ; *
02C8    520  ; ***********************************************************
02C8    521  ;--
02C8    522  ;
02C8    523  ;
02C8    524          NEXT_TEST_CASE  SFGDV50
```

```
02D4   525  ;++
02D4   526  ;++
02D4   527  ;  **********************************************************
02D4   528  ;  *
02D4   529  ;  *   TEST CASE NAME:         SFGDV50
02D4   530  ;  *
02D4   531  ;  *   SYSTEM SERVICE:         GETDEV
02D4   532  ;  *
02D4   533  ;  *   ARGUMENT UNDER TEST:    SECBUF_GDV50
02D4   534  ;  *
02D4   535  ;  *   INPUT CONDITIONS:
02D4   536  ;  *      SECONDARY CHARACTERISTICS BUFFER (LENGTH 0) IS
02D4   537  ;  *         TOO SHORT FOR INCOMING DATA.
02D4   538  ;  *
02D4   539  ;  *   EXPECTED RESULTS:
02D4   540  ;  *      1) SYSTEM STATUS CODE:  BUFFEROVF
02D4   541  ;  *      2) REGISTERS R2 THROUGH FP UNCHANGED
02D4   542  ;  *
02D4   543  ;  **********************************************************
02D4   544  ;--
02D4   545  ;
02D4   546  ;
02D4   547          NEXT_TEST_CASE  SFGDV51
```

```
02E0   548  ;++
02E0   549  ;**
02E0   550  ;*********************************************************
02E0   551  ;*
02E0   552  ;*   TEST CASE NAME:        SFGDV51
02E0   553  ;*
02E0   554  ;*   SYSTEM SERVICE:        GETDEV
02E0   555  ;*
02E0   556  ;*   ARGUMENT UNDER TEST:   SECBUF_GDV51
02E0   557  ;*
02E0   558  ;*   INPUT CONDITIONS:
02E0   559  ;*     SECONDARY CHARACTERISTICS BUFFER IN READ-ONLY PSECT.
02E0   560  ;*
02E0   561  ;*   EXPECTED RESULTS:
02E0   562  ;*     1) SYSTEM STATUS CODE:  ACCVIO
02E0   563  ;*     2) REGISTERS R2 THROUGH FP UNCHANGED
02E0   564  ;*
02E0   565  ;*********************************************************
02E0   566  ;--
02E0   567  ;
02E0   568  ;
02E0   569         TCEND
```

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M 6
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:38:08 VAX/VMS Macro V04-00   Page 19
                                         5-SEP-1984 04:28:29 [UETPSY.SRC]SATSSF09.MAR;1   (1)

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VO

```
02E1   570 ;
02E1   571 ;          TC_GROUP        GCH,1,TS2
0308   572 ;
0308   573 ;          NEXT_TEST_CASE  SFGCH10
```

```
0308    574 ;
0308    575 ;++
0308    576 ; ******************************************************************
0308    577 ; *
0308    578 ; *   TEST CASE NAME:          SFGCH10
0308    579 ; *
0308    580 ; *   SYSTEM SERVICE:          GETCHN
0308    581 ; *
0308    582 ; *   ARGUMENT UNDER TEST:     CHAN_GCH10
0308    583 ; *
0308    584 ; *   INPUT CONDITIONS:
0308    585 ; *      INVALID CHANNEL NUMBER (ZERO)
0308    586 ; *
0308    587 ; *   EXPECTED RESULTS:
0308    588 ; *      1) SYSTEM STATUS CODE:  IVCHAN
0308    589 ; *      2) REGISTERS R2 THROUGH FP UNCHANGED
0308    590 ; *
0308    591 ; ******************************************************************
0308    592 ;--
0308    593 ;
0308    594          $ASSIGN_S DEVNAM=MY_DISK, -      ; GET A VALID CHANNEL NUMBER ...
0308    595                    CHAN=CHAN_GCH          ; ... FOR ALL TEST CASES
031D    596 ;
031D    597          NEXT_TEST_CASE  SFGCH11
```

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B 7
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:38:08 VAX/VMS Macro V04-00   Page 21
SFGCH11   5-SEP-1984 04:28:29 [UETPSY.SRC]SATSSF09.MAR;1   (1)

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V04

```
0329   598 :
0329   599 :++
0329   600 : ************************************************************
0329   601 : *
0329   602 : *  TEST CASE NAME:           SFGCH11
0329   603 : *
0329   604 : *  SYSTEM SERVICE:           GETCHN
0329   605 : *
0329   606 : *  ARGUMENT UNDER TEST:      CHAN_GCH11
0329   607 : *
0329   608 : *  INPUT CONDITIONS:
0329   609 : *      INVALID CHANNEL NUMBER (1 BILLION)
0329   610 : *
0329   611 : *  EXPECTED RESULTS:
0329   612 : *      1) SYSTEM STATUS CODE:  IVCHAN
0329   613 : *      2) REGISTERS R2 THROUGH FP UNCHANGED
0329   614 : *
0329   615 : ************************************************************
0329   616 :--
0329   617 :
0329   618 :
0329   619           NEXT_TEST_CASE   SFGCH12
```

SATSSF09
V04-000

C 7
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:38:08 VAX/VMS Macro V04-C0   Page 22
SFGCH12   5-SEP-1984 04:28:29 [UETPSY.SRC]SATSSF09.MAR;1   (1)

SAT
V04

```
0335    620  :
0335    621  :++
0335    622  :***************************************************
0335    623  : *
0335    624  : *   TEST CASE NAME:        SFGCH12
0335    625  : *
0335    626  : *   SYSTEM SERVICE:        GETCHN
0335    627  : *
0335    628  : *   ARGUMENT UNDER TEST:   CHAN_GCH12
0335    629  : *
0335    630  : *   INPUT CONDITIONS:
0335    631  : *      GET CHARACTERISTICS FOR CHANNEL ASSIGNED IN EXEC MODE.
0335    632  : *
0335    633  : *   EXPECTED RESULTS:
0335    634  : *      1) SYSTEM STATUS CODE:  NOPRIV
0335    635  : *      2) REGISTERS R2 THROUGH FP UNCHANGED
0335    636  : *
0335    637  :***************************************************
0335    638  :--
0335    639  :
0335    640          MODE    TO,10$,EXEC,NOREGS      ; TO EXEC MODE FOR $ASSIGN
0352    641          $ASSIGN_S DEVNAM=MY_DISK, -     ; ASSIGN A CHANNEL IN EXEC MODE
0352    642                  CHAN=CHAN_GCH12         ;
0367    643          MODE    FROM,10$                ; BACK TO USER MODE
0368    644  :
0368    645          NEXT_TEST_CASE  SFGCH20
```

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D 7
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:38:08 VAX/VMS Macro V04-00   Page 23
SFGCH20   5-SEP-1984 04:28:29 [UETPSY.SRC]SATSSF09.MAR;1   (1)

```
0374   646 :
0374   647 :++
0374   648 : ****************************************************************
0374   649 : *
0374   650 : *  TEST CASE NAME:          SFGCH20
0374   651 : *
0374   652 : *  SYSTEM SERVICE:          GETCHN
0374   653 : *
0374   654 : *  ARGUMENT UNDER TEST:     PRILEN_GCH20
0374   655 : *
0374   656 : *  INPUT CONDITIONS:
0374   657 : *     PRIMARY CHARACTERISTICS LENGTH FIELD IN
0374   658 : *        READ-ONLY PSECT.
0374   659 : *
0374   660 : *  EXPECTED RESULTS:
0374   661 : *     1) SYSTEM STATUS CODE:  ACCVIO
```

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- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:38:08 VAX/VMS Macro V04-00   Page 24
SFGCH20   5-SEP-1984 04:28:29 [UETPSY.SRC]SATSSF09.MAR;1   (2)

```
0374  663 ; *      2) REGISTERS R2 THROUGH FP UNCHANGED
0374  664 ; *
0374  665 ; ************************************************************
0374  666 ;--
0374  667 ;
0374  668        MODE    TO,20$,EXEC,NOREGS          ; TO EXEC MODE FOR $DASSGN
0391  669        $DASSGN_S CHAN=CHAN_GCH12           ; DE-ASSIGN CHANNEL ASSIGNED IN SFGCH12
039F  670        MODE    FROM,20$                    ; BACK TO USER MODE
03A0  671 ;
03A0  672        NEXT_TEST_CASE  SFGCH30
```

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f 7
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:38:08 VAX/VMS Macro V04-00   Page 25
SFGCH30   5-SEP-1984 04:28:29 [UETPSY.SRC]SATSSF09.MAR;1   (2)

SAT
V04

```
03AC   673 ;
03AC   674 ;++
03AC   675 ; ********************************************************
03AC   676 ; *
03AC   677 ; *  TEST CASE NAME:          SFGCH30
03AC   678 ; *
03AC   679 ; *  SYSTEM SERVICE:          GETCHN
03AC   680 ; *
03AC   681 ; *  ARGUMENT UNDER TEST:     PRIBUF_GCH30
03AC   682 ; *
03AC   683 ; *  INPUT CONDITIONS:
03AC   684 ; *     PRIMARY CHARACTERISTICS BUFFER (LENGTH 1) IS
03AC   685 ; *        TOO SHORT FOR INCOMING DATA.
03AC   686 ; *
03AC   687 ; *  EXPECTED RESULTS:
03AC   688 ; *     1) SYSTEM STATUS CODE:  BUFFEROVF
03AC   689 ; *     2) REGISTERS R2 THROUGH FP UNCHANGED
03AC   690 ; *
03AC   691 ; ********************************************************
03AC   692 ;--
03AC   693 ;
03AC   694 ;
03AC   695         NEXT_TEST_CASE  SFGCH31
```

```
03B8    696  ;++
03B8    697  ;++
03B8    698  ; **********************************************************
03B8    699  ; *
03B8    700  ; *    TEST CASE NAME:          SFGCH31
03B8    701  ; *
03B8    702  ; *    SYSTEM SERVICE:          GETCHN
03B8    703  ; *
03B8    704  ; *    ARGUMENT UNDER TEST:     PRIBUF_GCH31
03B8    705  ; *
03B8    706  ; *    INPUT CONDITIONS:
03B8    707  ; *        PRIMARY CHARACTERISTICS BUFFER IN READ-ONLY PSECT.
03B8    708  ; *
03B8    709  ; *    EXPECTED RESULTS:
03B8    710  ; *        1) SYSTEM STATUS CODE:  ACCVIO
03B8    711  ; *        2) REGISTERS R2 THROUGH FP UNCHANGED
03B8    712  ; *
03B8    713  ; **********************************************************
03B8    714  ;--
03B8    715  ;
03B8    716  ;
03B8    717          NEXT_TEST_CASE  SFGCH40
```

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H 7

- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:38:08 VAX/VMS Macro V04-00   Page 27
SFGCH40   5-SEP-1984 04:28:29 [UETPSY.SRC]SATSSF09.MAR;1   (2)

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V04

```
03C4   718 :++
03C4   719 :++
03C4   720 :*************************************************************
03C4   721 : *
03C4   722 : *  TEST CASE NAME:         SFGCH40
03C4   723 : *
03C4   724 : *  SYSTEM SERVICE:         GETCHN
03C4   725 : *
03C4   726 : *  ARGUMENT UNDER TEST:    SECLEN_GCH40
03C4   727 : *
03C4   728 : *  INPUT CONDITIONS:
03C4   729 : *     SECONDARY CHARACTERISTICS LENGTH FIELD IN
03C4   730 : *        READ-ONLY PSECT.
03C4   731 : *
03C4   732 : *  EXPECTED RESULTS:
03C4   733 : *     1) SYSTEM STATUS CODE:  ACCVIO
03C4   734 : *     2) REGISTERS R2 THROUGH FP UNCHANGED
03C4   735 : *
03C4   736 :*************************************************************
03C4   737 :--
03C4   738 :
03C4   739 :
03C4   740        NEXT_TEST_CASE  SFGCH50
```

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I 7
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:38:08   VAX/VMS Macro V04-00   Page 28
SFGCH50   5-SEP-1984 04:28:29 [UETPSY.SRC]SATSSF09.MAR;1   (2)

SA
V04

```
03D0   741 :
03D0   742 :++
03D0   743 :************************************************************
03D0   744 : *
03D0   745 : *  TEST CASE NAME:          SFGCH50
03D0   746 : *
03D0   747 : *  SYSTEM SERVICE:          GETCHN
03D0   748 : *
03D0   749 : *  ARGUMENT UNDER TEST:     SECBUF_GCH50
03D0   750 : *
03D0   751 : *  INPUT CONDITIONS:
03D0   752 : *     SECONDARY CHARACTERISTICS BUFFER (LENGTH 0) IS
03D0   753 : *        TOO SHORT FOR INCOMING DATA.
03D0   754 : *
03D0   755 : *  EXPECTED RESULTS:
03D0   756 : *     1) SYSTEM STATUS CODE:  BUFFEROVF
03D0   757 : *     2) REGISTERS R2 THROUGH FP UNCHANGED
03D0   758 : *
03D0   759 :************************************************************
03D0   760 :--
03D0   761 :
03D0   762 :
03D0   763        NEXT_TEST_CASE  SFGCH51
```

```
03DC   764 :
03DC   765 :++
03DC   766 : ********************************************************
03DC   767 : *
03DC   768 : *   TEST CASE NAME:          SFGCH51
03DC   769 : *
03DC   770 : *   SYSTEM SERVICE:          GETCHN
03DC   771 : *
03DC   772 : *   ARGUMENT UNDER TEST:     SECBUF_GCH51
03DC   773 : *
03DC   774 : *   INPUT CONDITIONS:
03DC   775 : *      SECONDARY CHARACTERISTICS BUFFER IN READ-ONLY PSECT.
03DC   776 : *
03DC   777 : *   EXPECTED RESULTS:
03DC   778 : *      1) SYSTEM STATUS CODE:  ACCVIO
03DC   779 : *      2) REGISTERS R2 THROUGH FP UNCHANGED
03DC   780 : *
03DC   781 : ********************************************************
03DC   782 :--
03DC   783 :
03DC   784 :
03DC   785         TCEND
```

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K 7
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:38:08 VAX/VMS Macro V04-00   Page 30
                                     5-SEP-1984 04:28:29 [UETPSY.SRC]SATSSF09.MAR;1   (2)

SA
V0

```
03DD    786 ;
03DD    787             TC_GROUP        ASN,1,TS3
0404    788 ;
0404    789             NEXT_TEST_CASE  SFASN10
```

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L 7
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:38:08 VAX/VMS Macro V04-00   Page 31
SFASN10   5-SEP-1984 04:28:29 [UETPSY.SRC]SATSSF09.MAR;1   (2)

```
0404   790 ;
0404   791 ;++
0404   792 ;*****************************************************
0404   793 ; *
0404   794 ; *   TEST CASE NAME:          SFASN10
0404   795 ; *
0404   796 ; *   SYSTEM SERVICE:          ASSIGN
0404   797 ; *
0404   798 ; *   ARGUMENT UNDER TEST:     DEVNAM_ASN10
0404   799 ; *
0404   800 ; *   INPUT CONDITIONS:
0404   801 ; *      ZERO LENGTH DEVICE NAME
0404   802 ; *
0404   803 ; *   EXPECTED RESULTS:
0404   804 ; *      1) SYSTEM STATUS CODE:  IVLOGNAM
0404   805 ; *      2) REGISTERS R2 THROUGH FP UNCHANGED
0404   806 ; *
0404   807 ;*****************************************************
0404   808 ;--
0404   809 ;
0404   810 ;
0404   811           NEXT_TEST_CASE  SFASN11
```

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M 7
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:38:08 VAX/VMS Macro V04-00   Page 32
SFASN11   5-SEP-1984 04:28:29 [UETPSY.SRC]SATSSF09.MAR;1   (2)

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V0

```
0410    812 :++
0410    813 :++
0410    814 : ******************************************************************
0410    815 : *
0410    816 : *   TEST CASE NAME:          SFASN11
0410    817 : *
0410    818 : *   SYSTEM SERVICE:          ASSIGN
0410    819 : *
0410    820 : *   ARGUMENT UNDER TEST:     DEVNAM_ASN11
0410    821 : *
0410    822 : *   INPUT CONDITIONS:
0410    823 : *      VALID, NON-EXISTENT DEVICE
0410    824 : *
0410    825 : *   EXPECTED RESULTS:
0410    826 : *      1) SYSTEM STATUS CODE:  NOSUCHDEV
0410    827 : *      2) REGISTERS R2 THROUGH FP UNCHANGED
0410    828 : *
0410    829 : ******************************************************************
0410    830 :--
0410    831 :
0410    832 :
0410    833          NEXT_TEST_CASE  SFASN12
```

```
041C    834  ;
041C    835  ;++
041C    836  ; *************************************************************
041C    837  ; *
041C    838  ; *   TEST CASE NAME:          SFASN12
041C    839  ; *
041C    840  ; *   SYSTEM SERVICE:          ASSIGN
041C    841  ; *
041C    842  ; *   ARGUMENT UNDER TEST:     DEVNAM_ASN12
041C    843  ; *
041C    844  ; *   INPUT CONDITIONS:
041C    845  ; *       DEVICE NAME IN NON-ACCESSIBLE PSECT.
041C    846  ; *
041C    847  ; *   EXPECTED RESULTS:
041C    848  ; *       1) SYSTEM STATUS CODE:  ACCVIO
041C    849  ; *       2) REGISTERS R2 THROUGH FP UNCHANGED
041C    850  ; *
041C    851  ; *************************************************************
041C    852  ;--
041C    853  ;
041C    854  ;
041C    855              NEXT_TEST_CASE  SFASN20
```

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- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:38:08 VAX/VMS Macro V04-00   Page 34
SFASN20   5-SEP-1984 04:28:29 [UETPSY.SRC]SATSSF09.MAR;1   (2)

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```
0428   856 ;
0428   857 ;++
0428   858 ; **********************************************************
0428   859 ; *
0428   860 ; *   TEST CASE NAME:           SFASN20
0428   861 ; *
0428   862 ; *   SYSTEM SERVICE:           ASSIGN
0428   863 ; *
0428   864 ; *   ARGUMENT UNDER TEST:      CHAN_ASN20
0428   865 ; *
0428   866 ; *   INPUT CONDITIONS:
0428   867 ; *      CHANNEL BUFFER IN READ-ONLY PSECT.
0428   868 ; *
0428   869 ; *   EXPECTED RESULTS:
0428   870 ; *      1) SYSTEM STATUS CODE:  ACCVIO
0428   871 ; *      2) REGISTERS R2 THROUGH FP UNCHANGED
0428   872 ; *
0428   873 ; **********************************************************
0428   874 ;--
0428   875 ;
0428   876 ;
0428   877            NEXT_TEST_CASE   SFASN40
```

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C 8
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:38:08 VAX/VMS Macro V04-00   Page 35
SFASN40   5-SEP-1984 04:28:29 [UETPSY.SRC]SATSSF09.MAR;1   (2)

```
0434   878  ;
0434   879  ;++
0434   880  ; *****************************************************************
0434   881  ; *
0434   882  ; *   TEST CASE NAME:           SFASN40
0434   883  ; *
0434   884  ; *   SYSTEM SERVICE:           ASSIGN
0434   885  ; *
0434   886  ; *   ARGUMENT UNDER TEST:      MBXNAM_ASN40
0434   887  ; *
0434   888  ; *   INPUT CONDITIONS:
0434   889  ; *       MAILBOX NAME IS LENGTH 64
0434   890  ; *
0434   891  ; *   EXPECTED RESULTS:
0434   892  ; *       1) SYSTEM STATUS CODE:  IVLOGNAM
0434   893  ; *       2) REGISTERS R2 THROUGH FP UNCHANGED
0434   894  ; *
0434   895  ; *****************************************************************
0434   896  ;--
0434   897  ;
0434   898  ;
0434   899          NEXT_TEST_CASE  SFASN41
```

```
0440   900 :
0440   901 :++
0440   902 : ********************************************************
0440   903 : *
0440   904 : *   TEST CASE NAME:            SFASN41
0440   905 : *
0440   906 : *   SYSTEM SERVICE:            ASSIGN
0440   907 : *
0440   908 : *   ARGUMENT UNDER TEST:       MBXNAM_ASN41
0440   909 : *
0440   910 : *   INPUT CONDITIONS:
0440   911 : *      INVALID CHARACTERS IN MAILBOX NAME
0440   912 : *
0440   913 : *   EXPECTED RESULTS:
0440   914 : *      1) SYSTEM STATUS CODE:  IVDEVNAM
0440   915 : *      2) REGISTERS R2 THROUGH FP UNCHANGED
0440   916 : *
0440   917 : ********************************************************
0440   918 :--
0440   919 :
0440   920 :
0440   921         NEXT_TEST_CASE  SFASN42
```

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- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:38:08 VAX/VMS Macro V04-00 Page 37
SFASN42   5-SEP-1984 04:28:29 [UETPSY.SRC]SATSSF09.MAR;1   (2)

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```
044C    922  ;
044C    923  ;++
044C    924  ; *********************************************************
044C    925  ; *
044C    926  ; *   TEST CASE NAME:            SFASN42
044C    927  ; *
044C    928  ; *   SYSTEM SERVICE:            ASSIGN
044C    929  ; *
044C    930  ; *   ARGUMENT UNDER TEST:       MBXNAM_ASN42
044C    931  ; *
044C    932  ; *   INPUT CONDITIONS:
044C    933  ; *      MAILBOX SPECIFIED IS ACTUALLY A DISK.
044C    934  ; *
044C    935  ; *   EXPECTED RESULTS:
044C    936  ; *      1) SYSTEM STATUS CODE:  DEVNOTMBX
044C    937  ; *      2) REGISTERS R2 THROUGH FP UNCHANGED
044C    938  ; *
044C    939  ; *********************************************************
044C    940  ;--
044C    941  ;
044C    942  ;
044C    943          NEXT_TEST_CASE   SFASN43
```

```
0458   944 :
0458   945 :++
0458   946 : ********************************************************
0458   947 : *
0458   948 : *  TEST CASE NAME:           SFASN43
0458   949 : *
0458   950 : *  SYSTEM SERVICE:           ASSIGN
0458   951 : *
0458   952 : *  ARGUMENT UNDER TEST:      MBXNAM_ASN43
0458   953 : *
0458   954 : *  INPUT CONDITIONS:
0458   955 : *     MAILBOX NAME IN NON-ACCESSIBLE PSECT.
0458   956 : *
0458   957 : *  EXPECTED RESULTS:
0458   958 : *     1) SYSTEM STATUS CODE:  ACCVIO
0458   959 : *     2) REGISTERS R2 THROUGH FP UNCHANGED
0458   960 : *
0458   961 : ********************************************************
0458   962 :--
0458   963 :
0458   964 :
0458   965        TCEND
```

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- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:38:08 VAX/VMS Macro V04-00   Page 39
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```
0459   966 ;
0459   967          TC_GROUP        DAS,1,TS4
0480   968 ;
0480   969          NEXT_TEST_CASE  SFDAS10
```

```
0480   970 :
0480   971 :++
0480   972 : *********************************************************
0480   973 : *
0480   974 : *  TEST CASE NAME:          SFDAS10
0480   975 : *
0480   976 : *  SYSTEM SERVICE:          DASSGN
0480   977 : *
0480   978 : *  ARGUMENT UNDER TEST:     CHAN_DAS10
0480   979 : *
0480   980 : *  INPUT CONDITIONS:
0480   981 : *     DE-ASSIGN CHANNEL ASSIGNED BY EXEC MODE.
0480   982 : *
0480   983 : *  EXPECTED RESULTS:
0480   984 : *     1) SYSTEM STATUS CODE:  NOPRIV
0480   985 : *     2) REGISTERS R2 THROUGH FP UNCHANGED
0480   986 : *
0480   987 : *********************************************************
0480   988 :--
0480   989 :
0480   990         MODE    TO,10$,EXEC,NOREGS     ; GET EXEC MODE FOR $ASSIGN
049D   991         $ASSIGN_S DEVNAM=MY_DISK, -    ; ASSIGN A CHANNEL IN EXEC MODE
049D   992                 CHAN=CHAN_DAS10
04B2   993         MODE    FROM,10$               ; BACK TO USER MODE
04B3   994 :
04B3   995         NEXT_TEST_CASE  SFDAS11
```

```
04BF    996 :
04BF    997 :++
04BF    998 : ***************************************************************
04BF    999 : *
04BF   1000 : *  TEST CASE NAME:           SFDAS11
04BF   1001 : *
04BF   1002 : *  SYSTEM SERVICE:           DASSGN
04BF   1003 : *
04BF   1004 : *  ARGUMENT UNDER TEST:      CHAN_DAS11
04BF   1005 : *
04BF   1006 : *  INPUT CONDITIONS:
04BF   1007 : *     INVALID CHANNEL NUMBER (ZERO)
04BF   1008 : *
04BF   1009 : *  EXPECTED RESULTS:
04BF   1010 : *     1) SYSTEM STATUS CODE:  IVCHAN
04BF   1011 : *     2) REGISTERS R2 THROUGH FP UNCHANGED
04BF   1012 : *
04BF   1013 : ***************************************************************
04BF   1014 :--
04BF   1015 :
04BF   1016          MODE     TO,20$,EXEC,NOREGS        ; EXEC MODE FOR $DASSGN
04DC   1017          $DASSGN_S CHAN=CHAN_DAS10          ; DE-ASSIGN CHANNEL ASSIGNED IN SFDAS10
04EA   1018          MODE     FROM,20$                  ; BACK TO USER MODE
04EB   1019 :
04EB   1020          NEXT_TEST_CASE  SFDAS12
```

```
04F7  1021 ;
04F7  1022 ;++
04F7  1023 ; ****************************************************************
04F7  1024 ; *
04F7  1025 ; *   TEST CASE NAME:          SFDAS12
04F7  1026 ; *
04F7  1027 ; *   SYSTEM SERVICE:          DASSGN
04F7  1028 ; *
04F7  1029 ; *   ARGUMENT UNDER TEST:     CHAN_DAS12
04F7  1030 ; *
04F7  1031 ; *   INPUT CONDITIONS:
04F7  1032 ; *      INVALID CHANNEL NUMBER (1 BILLION)
04F7  1033 ; *
04F7  1034 ; *   EXPECTED RESULTS:
04F7  1035 ; *      1) SYSTEM STATUS CODE:  IVCHAN
04F7  1036 ; *      2) REGISTERS R2 THROUGH FP UNCHANGED
04F7  1037 ; *
04F7  1038 ; ****************************************************************
04F7  1039 ;--
04F7  1040 ;
04F7  1041 ;
04F7  1042         TCEND
```

```
04F8   1043 ;
04F8   1044          TC_GROUP        DMX,1,TS5
051F   1045 ;
051F   1046          NEXT_TEST_CASE  SFDMX10
```

```
051F   1047 ;
051F   1048 ;++
051F   1049 ;************************************************************
051F   1050 ;  *
051F   1051 ;  *  TEST CASE NAME:          SFDMX10
051F   1052 ;  *
051F   1053 ;  *  SYSTEM SERVICE:          DELMBX
051F   1054 ;  *
051F   1055 ;  *  ARGUMENT UNDER TEST:     CHAN_DMX10
051F   1056 ;  *
051F   1057 ;  *  INPUT CONDITIONS:
051F   1058 ;  *     DELETE A MAILBOX CREATED BY EXEC MODE.
051F   1059 ;  *
051F   1060 ;  *  EXPECTED RESULTS:
051F   1061 ;  *     1) SYSTEM STATUS CODE:  NOPRIV
051F   1062 ;  *     2) REGISTERS R2 THROUGH FP UNCHANGED
051F   1063 ;  *
051F   1064 ;************************************************************
051F   1065 ;--
051F   1066 ;
051F   1067          MODE    TO,10$,EXEC,NOREGS     ; GET EXEC MODE FOR $CREMBX
053C   1068          $CREMBX_S PRMFLG=#1, -         ; CREATE A PERM MBOX AT EXEC MODE
053C   1069                  CHAN=CHAN_DMX10
0551   1070          MODE    FROM,10$               ; BACK TO USER MODE
0552   1071 ;
0552   1072          NEXT_TEST_CASE  SFDMX11
```

```
055E  1073 :
055E  1074 :++
055E  1075 : ************************************************************
055E  1076 : *
055E  1077 : *  TEST CASE NAME:          SFDMX11
055E  1078 : *
055E  1079 : *  SYSTEM SERVICE:          DELMBX
055E  1080 : *
055E  1081 : *  ARGUMENT UNDER TEST:     CHAN_DMX11
055E  1082 : *
055E  1083 : *  INPUT CONDITIONS:
055E  1084 : *     DELETE A PERMANENT MAILBOX WITHOUT THE PRMMBX PRIVILEGE.
055E  1085 : *
055E  1086 : *  EXPECTED RESULTS:
055E  1087 : *     1) SYSTEM STATUS CODE:  NOPRIV
055E  1088 : *     2) REGISTERS R2 THROUGH FP UNCHANGED
055E  1089 : *
055E  1090 : ************************************************************
055E  1091 :--
055E  1092 :
055E  1093 :         MODE    TO,20$,EXEC,NOREGS        : EXEC MODE FOR $DELMBX
057B  1094           $DELMBX_S CHAN=CHAN_DMX10        : MARK FOR DELETION MBOX ACQUIRED IN SFDMX10
0589  1095           $DASSGN_S CHAN=CHAN_DMX10        : ... AND GET IT DELETED
0597  1096           MODE    FROM,20$                 : BACK TO USER MODE
0598  1097           $CREMBX_S PRMFLG=#1, -           : CREATE A USER MODE MAILBOX
0598  1098                   CHAN=CHAN_DMX11
05AD  1099           PRIV    REM,PRMMBX               : REMOVE PRMMBX PRIVILEGE
05CD  1100 :
05CD  1101           NEXT_TEST_CASE  SFDMX12
```

```
05D9   1102 :
05D9   1103 :++
05D9   1104 : ****************************************************************
05D9   1105 : *
05D9   1106 : *   TEST CASE NAME:          SFDMX12
05D9   1107 : *
05D9   1108 : *   SYSTEM SERVICE:          DELMBX
05D9   1109 : *
05D9   1110 : *   ARGUMENT UNDER TEST:     CHAN_DMX12
05D9   1111 : *
05D9   1112 : *   INPUT CONDITIONS:
05D9   1113 : *      INVALID CHANNEL NUMBER (ZERO).
05D9   1114 : *
05D9   1115 : *   EXPECTED RESULTS:
05D9   1116 : *      1) SYSTEM STATUS CODE:  IVCHAN
05D9   1117 : *      2) REGISTERS R2 THROUGH FP UNCHANGED
05D9   1118 : *
05D9   1119 : ****************************************************************
05D9   1120 :--
05D9   1121 :
05D9   1122         PRIV    ADD,PRMMBX              ; GET BACK PRIVILEGE REMOVED BY SFDMX11
05F9   1123         $DELMBX_S CHAN=CHAN_DMX11       ; MARK FOR DELETION MBOX ACQUIRED IN SFDMX11
0607   1124 :
0607   1125         NEXT_TEST_CASE  SFDMX13
```

```
          0613  1126 :
          0613  1127 :++
          0613  1128 : ********************************************************
          0613  1129 : *
          0613  1130 : *   TEST CASE NAME:           SFDMX13
          0613  1131 : *
          0613  1132 : *   SYSTEM SERVICE:           DELMBX
          0613  1133 : *
          0613  1134 : *   ARGUMENT UNDER TEST:      CHAN_DMX13
          0613  1135 : *
          0613  1136 : *   INPUT CONDITIONS:
          0613  1137 : *      INVALID CHANNEL NUMBER (1 BILLION).
          0613  1138 : *
          0613  1139 : *   EXPECTED RESULTS:
          0613  1140 : *      1) SYSTEM STATUS CODE:  IVCHAN
          0613  1141 : *      2) REGISTERS R2 THROUGH FP UNCHANGED
          0613  1142 : *
          0613  1143 : ********************************************************
          0613  1144 :--
          0613  1145 :
          0613  1146 :
          0613  1147           NEXT_TEST_CASE  SFDMX14
```

```
061F  1148  ;
061F  1149  ;++
061F  1150  ;  ************************************************************
061F  1151  ;  *
061F  1152  ;  *   TEST CASE NAME:            SFDMX14
061F  1153  ;  *
061F  1154  ;  *   SYSTEM SERVICE:            DELMBX
061F  1155  ;  *
061F  1156  ;  *   ARGUMENT UNDER TEST:       CHAN_DMX14
061F  1157  ;  *
061F  1158  ;  *   INPUT CONDITIONS:
061F  1159  ;  *       ISSUE $DELMBX FOR A DEVICE WHICH IS NOT A MAILBOX.
061F  1160  ;  *
061F  1161  ;  *   EXPECTED RESULTS:
061F  1162  ;  *       1) SYSTEM STATUS CODE:  DEVNOTMBX
061F  1163  ;  *       2) REGISTERS R2 THROUGH FP UNCHANGED
061F  1164  ;  *
061F  1165  ;  ************************************************************
061F  1166  ;--
061F  1167  ;
061F  1168          $ASSIGN_S DEVNAM=MY_DISK, CHAN=CHAN_DMX14
0634  1169                                        ; ASSIGN A DEVICE WHICH IS NOT A MAILBOX
0634  1170  ;
0634  1171          TCEND
```

```
0635   1172 TS1:
0635   1173              TESTSERV       GETDEV,ERR,SATS,                           -
0635   1174                                                                        -
0635   1175                 <1,DEVNAM_GDV,                                         -
0635   1176                         DEVNAM_GDV10,IVDEVNAM,   -  ; SFGDV10
0635   1177                         DEVNAM_GDV11,IVLOGNAM,   -  ; SFGDV11
0635   1178                         DEVNAM_GDV12,IVLOGNAM,   -  ; SFGDV12
0635   1179                         DEVNAM_GDV13,NOSUCHDEV,  -  ; SFGDV13
0635   1180                         DEVNAM_GDV14,ACCVIO,     -  ; SFGDV14
0635   1181                                                 >,                     -
0635   1182                                                                        -
0635   1183                 <1,PRILEN_GDV,                                         -
0635   1184                         PRILEN_GDV20,ACCVIO,     -  ; SFGDV20
0635   1185                                                 >,                     -
0635   1186                                                                        -
0635   1187                 <1,PRIBUF_GDV,                                         -
0635   1188                         PRIBUF_GDV30,BUFFEROVF,  -  ; SFGDV30
0635   1189                         PRIBUF_GDV31,ACCVIO,     -  ; SFGDV31
0635   1190                                                 >,                     -
0635   1191                                                                        -
0635   1192                 <1,SECLEN_GDV,                                         -
0635   1193                         SECLEN_GDV40,ACCVIO,     -  ; SFGDV40
0635   1194                                                 >,                     -
0635   1195                                                                        -
0635   1196                 <1,SECBUF_GDV,                                         -
0635   1197                         SECBUF_GDV50,BUFFEROVF,  -  ; SFGDV50
0635   1198                         SECBUF_GDV51,ACCVIO,     -  ; SFGDV51
0635   1199                                                 >,                     -
0635   1200
098D   1201              TS_CLEANUP               ; CLEAN UP & RETURN TO TEST_SERV_EXEC
```

```
          09AD  1202  TS2:
          09AD  1203         TESTSERV        GETCHN,ERR,SATS,                                      -
          09AD  1204
          09AD  1205            <1,CHAN_GCH,                                          -
          09AD  1206                          CHAN_GCH10,IVCHAN,       -  ; SFGCH10
          09AD  1207                          CHAN_GCH11,IVCHAN,       -  ; SFGCH11
          09AD  1208                          CHAN_GCH12,NOPRIV,       -  ; SFGCH12
          09AD  1209                                                  >,                           -
          09AD  1210
          09AD  1211            <1,PRILEN_GCH,                                                     -
          09AD  1212                          PRILEN_GCH20,ACCVIO,     -  ; SFGCH20
          09AD  1213                                                  >,                           -
          09AD  1214
          09AD  1215            <1,PRIBUF_GCH,                                                     -
          09AD  1216                          PRIBUF_GCH30,BUFFEROVF, -  ; SFGCH30
          09AD  1217                          PRIBUF_GCH31,ACCVIO,     -  ; SFGCH31
          09AD  1218                                                  >,                           -
          09AD  1219
          09AD  1220            <1,SECLEN_GCH,                                                     -
          09AD  1221                          SECLEN_GCH40,ACCVIO,     -  ; SFGCH40
          09AD  1222                                                  >,                           -
          09AD  1223                                                                               -
          09AD  1224            <1,SECBUF_GCH,                                                     -
          09AD  1225                          SECBUF_GCH50,BUFFEROVF, -  ; SFGCH50
          09AD  1226                          SECBUF_GCH51,ACCVIO,     -  ; SFGCH51
          09AD  1227                                                  >,                           -
          09AD  1228
          OCFA  1229         TS_CLEANUP              ; CLEAN UP & RETURN TO TEST_SERV_EXEC
```

```
OD1A  1230 TS3:
OD1A  1231         TESTSERV        ASSIGN,ERR,SATS,                                    -
OD1A  1232                                                                             -
OD1A  1233           <1,DEVNAM_ASN,                                                    -
OD1A  1234                         DEVNAM_ASN10,IVLOGNAM,  -  ; SFASN10
OD1A  1235                         DEVNAM_ASN11,NOSUCHDEV, -  ; SFASN11
OD1A  1236                         DEVNAM_ASN12,ACCVIO,    -  ; SFASN12
OD1A  1237                                                 >,                          -
OD1A  1238                                                                             -
OD1A  1239           <1,CHAN_ASN,                                         -
OD1A  1240                         CHAN_ASN20,ACCVIO,      -  ; SFASN20
OD1A  1241                                                 >,                          -
OD1A  1242
OD1A  1243           <1,ACMODE_ASN,                                                    -
OD1A  1244                                                 >,                          -
OD1A  1245                                                                             -
OD1A  1246           <1,MBXNAM_ASN,                                                    -
OD1A  1247                         MBXNAM_ASN40,IVLOGNAM,  -  ; SFASN40
OD1A  1248                         MBXNAM_ASN41,IVDEVNAM,  -  ; SFASN41
OD1A  1249                         MBXNAM_ASN42,DEVNOTMBX, -  ; SFASN42
OD1A  1250                         MBXNAM_ASN43,ACCVIO,    -  ; SFASN43
OD1A  1251                                                 >,                          -
OD1A  1252
OFC0  1253         TS_CLEANUP                ; CLEAN UP & RETURN TO TEST_SERV_EXEC
```

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- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:38:08 VAX/VMS Macro V04-00   Page 52
                                       5-SEP-1984 04:28:29 [UETPSY.SRC]SATSSF09.MAR;1   (2)

```
OFE0  1254 TS4:
OFE0  1255         TESTSERV        DASSGN,ERR,SATS,                              -
OFE0  1256                                                                       -
OFE0  1257              <1,CHAN_DAS,                                        -
OFE0  1258                         CHAN_DAS10,NOPRIV,     - ; SFDAS10
OFE0  1259                         CHAN_DAS11,IVCHAN,     - ; SFDAS11
OFE0  1260                         CHAN_DAS12,IVCHAN,     - ; SFDAS12
OFE0  1261                                                >,                     -
OFE0  1262
10B4  1263         TS_CLEANUP              ; CLEAN UP & RETURN TO TEST_SERV_EXEC
```

```
10D4  1264 TS5:
10D4  1265            TESTSERV        DELMBX,ERR,SATS,                                      -
10D4  1266                                                                                 -
10D4  1267              <1,CHAN_DMX,                                            -
10D4  1268                            CHAN_DMX10,NOPRIV,       -  ; SFDMX10
10D4  1269                            CHAN_DMX11,NOPRIV,       -  ; SFDMX11
10D4  1270                            CHAN_DMX12,IVCHAN,       -  ; SFDMX12
10D4  1271                            CHAN_DMX13,IVCHAN,       -  ; SFDMX13
10D4  1272                            CHAN_DMX14,DEVNOTMBX,    -  ; SFDMX14
10D4  1273                                                        >,                       -
10D4  1274
11B8  1275            TS_CLEANUP                    ; CLEAN UP & RETURN TO TEST_SERV_EXEC
```

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SATSSF09   - SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:38:08 VAX/VMS Macro V04-00   Page 54
V04-000   EXECUTE & CLEANUP   5-SEP-1984 04:28:29 [UETPSY.SRC]SATSSF09.MAR;1   (2)

```
                        11D8  1276              .SBTTL  EXECUTE & CLEANUP
                        11D8  1277  EXECUTE:
                        11D8  1278              TEST_SERV_EXEC                    ; EXECUTE ALL T. CASES IN ALL GROUPS
                        120A  1279  CLEANUP:
                 0138 30 120A  1280      BSBW    MOD_MSG_PRINT                    ; PRINT TEST MODULE END MSG
00000044'EF  01  1C  01  F0   120D  1281      INSV    #1,#STS$V_INHIB_MSG,#1,MOD_MSG_CODE
                        1216  1282                                               ; INHIBIT PRINTING
                        1216  1283              $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 00:38:08 VAX/VMS Macro V04-00 Page 55
TC_CONTROL   5-SEP-1984 04:28:29 [UETPSY.SRC]SATSSF09.MAR;1   (2)

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```
1223  1285              .SBTTL  TC_CONTROL
1223  1286  ;++
1223  1287  ; FUNCTIONAL DESCRIPTION:
1223  1288  ;
1223  1289  ;            THE TC_CONTROL SUBROUTINE IS CALLED BY THE TEST_SERV_EXEC
1223  1290  ; MACRO TO EXECUTE A GROUP OF TEST CASES. A GROUP IS DEFINED BY A TC_GROUP
1223  1291  ; MACRO. FOR EACH TC_GROUP MACRO, THERE IS A CORRESPONDING TESTSERV MACRO.
1223  1292  ; TESTSERV CONTAINS CODE TO EXECUTE SYSTEM SERVICES AND CHECK THE RETURNED
1223  1293  ; STATUS CODE VALUES. TESTSERV ARGUMENTS ARE CODED TO SPECIFY ALL THE SYSTEM
1223  1294  ; SERVICE ARGUMENT VALUES AND THE EXPECTED STATUS CODE FOR EACH TEST CASE
1223  1295  ; DEFINED BY A NEXT_TEST_CASE MACRO WITHIN THE GROUP. TC_CONTROL USES A
1223  1296  ; CO-ROUTINE INTERFACE TO ENTER THE CODE OF THE APPROPRIATE TESTSERV MACRO
1223  1297  ; IN VARIOUS PLACES. THE FIRST ENTRY OCCURS ONCE PER GROUP TO ALLOW TESTSERV
1223  1298  ; TO DO SOME INITIALIZATION. THEN TWO ENTRIES ARE MADE FOR EACH TEST CASE IN
1223  1299  ; THE GROUP. THE FIRST ALLOWS TESTSERV TO ISSUE THE SUBJECT SYSTEM SERVICE.
1223  1300  ; THE SECOND ENTRY FOR THE TEST CASE CAUSES TESTSERV TO CHECK THE RETURNED
1223  1301  ; STATUS CODE, PRINTING A FAILURE MESSAGE IF IT IS NOT THE EXPECTED CODE.
1223  1302  ; IF THERE ARE NO MORE TEST CASES IN THE CURRENT GROUP, TESTSERV (NOT TC_CONTROL)
1223  1303  ; RETURNS DIRECTLY TO TEST_SERV_EXEC (RSB ACTUALLY ISSUED IN TS_CLEANUP MACRO)
1223  1304  ; FROM THIS SECOND ENTRY; OTHERWISE, CONTROL RETURNS TO TC_CONTROL WHICH
1223  1305  ; IN TURN ENTERS TESTSERV AGAIN FOR THE NEXT TEST CASE. THE FAILURE OF A
1223  1306  ; TEST CASE DOES NOT CAUSE TERMINATION OF THE TEST MODULE.
1223  1307  ;
1223  1308  ; CALLING SEQUENCE:
1223  1309  ;
1223  1310  ;       BSBW TC_CONTROL (ISSUED WITHIN THE TEST_SERV_EXEC MACRO)
1223  1311  ;                       (RSB IS ISSUED WITHIN THE TS_CLEANUP MACRO)
1223  1312  ;
1223  1313  ; INPUT PARAMETERS:
1223  1314  ;
```

```
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```

```
                                    1223  1316 ;            NONE
                                    1223  1317 ;
                                    1223  1318 ; IMPLICIT INPUTS:
                                    1223  1319 ;
                                    1223  1320 ;      ARGUMENTS SPECIFIED ON EACH TESTSERV MACRO MAY BE VIEWED AS
                                    1223  1321 ;      INPUTS, SINCE TC_CONTROL AND TESTSERV ACT AS CO-ROUTINES.
                                    1223  1322 ;
                                    1223  1323 ; OUTPUT PARAMETERS:
                                    1223  1324 ;
                                    1223  1325 ;      SEVERITY CODE FIELD OF MOD_MSG_CODE (BITS 0,1,2) IS SET TO ERROR
                                    1223  1326 ;      IF ANY TEST CASE IN THE CURRENT GROUP FAILS; OTHERWISE IT REMAINS
                                    1223  1327 ;      SET TO SUCCESSFUL.
                                    1223  1328 ;
                                    1223  1329 ; IMPLICIT OUTPUTS:
                                    1223  1330 ;
                                    1223  1331 ;      %UETP-I-TEXT,    ERROR MESSAGES ARE WRITTEN TO SYS$OUTPUT BY
                                    1223  1332 ;                      THE TESTSERV MACRO (CO-ROUTINE WITH TC_CONTROL)
                                    1223  1333 ;
                                    1223  1334 ; COMPLETION CODES:
                                    1223  1335 ;
                                    1223  1336 ;      NONE
                                    1223  1337 ;
                                    1223  1338 ; SIDE EFFECTS:
                                    1223  1339 ;
                                    1223  1340 ;      NONE
                                    1223  1341 ;
                                    1223  1342 ;--
                                    1223  1343 ;
                                    1223  1344
                                    1223  1345
                                    1223  1346 TC_CONTROL:
        00000064'EF      DD        1223  1347          PUSHL   TS_EP                   ; PUSH TESTSERV ENTRY POINT
                  9E      16        1229  1348          JSB     @(SP)+                  ; ENTER TESTSERV INITIALIZATION
                                    122B  1349 10$:                              ; PROCESS NEXT TEST CASE
        00000056'EF      20   90   122B  1350          MOVB    #^A/ /,.$$TSTN$$+2      ; MAKE SURE T.C. NAME HAS A BLANK
                  002F    30        1232  1351          BSBW    REG_SAVE                ; SAVE REGISTERS
        00000004'FF      16        1235  1352          JSB     @CURRENT_TC             ; JUMP TO CURRENT TEST CASE
                  0037    30        123B  1353          BSBW    REG_REST                ; RESTORE REGS FOR TESTSERV
                  9E      16        123E  1354          JSB     @(SP)+                  ; LET TESTSERV ISSUE SYSTEM SERVICE
                  0042    30        1240  1355          BSBW    REG_COMP                ; COMPARE REGS TO SEE IF ...
                                    1243  1356                                    ; ... SYSTEM SERVICE CHANGED ANY
                  9E      16        1243  1357          JSB     @(SP)+                  ; LET TESTSERV CHEK S.S. STATUS CODE
        00000056'EF      2A   91   1245  1358          CMPB    #^A/*/,.$$TSTN$$+2      ; HAS TESTSERV INDICATED FAILURE ?
                  DD      12        124C  1359          BNEQU   10$                     ; NO -- PROCESS NEXT TEST CASE
00000060'EF  00000088'EF      DE   124E  1360          MOVAL   TEST_MOD_FAIL,TMD_ADDR  ; YES -- INDICATE FAILED IN END MSG
00000044'EF  03   00   02   F0   1259  1361          INSV    #ERROR,#0,#3,MOD_MSG_CODE ; ADJUST STATUS CODE FOR ERROR
                  C7      11        1262  1362          BRB     10$                     ; LOOP BAK TO PROCESS NEXT TEST CASE
                                    1264  1363 ;
                                    1264  1364 ;    TC_CONTROL RETURNS TO TEST_SERV_EXEC VIA TESTSERV (IN TS_CLEANUP MACRO)
                                    1264  1365 ;
```

```
                              1264   1367              .SBTTL   SUBROUTINES
                              1264   1368 REG_SAVE:
                              1264   1369 ;
                              1264   1370 ; ***********************************************************
                              1264   1371 ; *                                                         *
                              1264   1372 ; *   SAVES R0 THRU SP IN REG_SAVE_AREA                      *
                              1264   1373 ; *                                                         *
                              1264   1374 ; ***********************************************************
                              1264   1375 ;
                    7FFF 8F BB 1264   1376              PUSHR    #R0_THRU_SP         ; SAVE ALL REGS ON STACK
 00000008'EF   6E    3C    28 1268   1377              MOVC3    #60,(SP),REG_SAVE_AREA  ; SAVE REGS (BEFORE S.S.)
                    7FFF 8F BA 1270   1378              POPR     #R0_THRU_SP         ; CLEAN UP STACK
                          05 1274   1379              RSB                           ; .... AND RETURN
                              1275   1380 ;
                              1275   1381 ;
                              1275   1382 ;
                              1275   1383 ;
                              1275   1384 REG_REST:
                              1275   1385 ;
                              1275   1386 ;
                              1275   1387 ; ***********************************************************
                              1275   1388 ; *                                                         *
                              1275   1389 ; *   RESTORES R0 THRU SP FROM REG_SAVE_AREA                 *
                              1275   1390 ; *                                                         *
                              1275   1391 ; ***********************************************************
                              1275   1392 ;
              5E    3C    C2 1275   1393              SUBL2    #60,SP             ; MOVE SP TO MAKE ROOM FOR REGS
 6E    00000008'EF   3C    28 1278   1394              MOVC3    #60,REG_SAVE_AREA,(SP)  ; MOVE REGS ONTO STACK FOR POP
                    7FFF 8F BA 1280   1395              POPR     #R0_THRU_SP        ; RESTORE ALL REGS FOR TESTSERV
                          05 1284   1396              RSB                           ; ... AND RETURN
```

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SATSSF09   - SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:38:08   VAX/VMS Macro V04-00   Page 58
V04-000   SUBROUTINES   5-SEP-1984 04:28:29 [UETPSY.SRC]SATSSF09.MAR;1   (3)

```
                                       1285  1398 REG_COMP:
                                       1285  1399 ;
                                       1285  1400 ;   ********************************************************************
                                       1285  1401 ;   *                                                                *
                                       1285  1402 ;   *  1) PUSHES ALL REGS ONTO STACK                                 *
                                       1285  1403 ;   *  2) COMPARES REGISTER IMAGES FROM STACK WITH CORRESPONDING     *
                                       1285  1404 ;   *        IMAGES FROM REG_SAVE_AREA FOR ALL REGISTERS SPECIFIED   *
                                       1285  1405 ;   *        IN REG_COMP_MASK.                                       *
                                       1285  1406 ;   *  3) FOR EACH UNEQUAL COMPARE, AN ERROR MESSAGE IS PRINTED      *
                                       1285  1407 ;   *        (USING $FAO AND $OUTPUT SYSTEM SERVICES).               *
                                       1285  1408 ;   *  4) POPS ALL REGS OFF OF STACK                                 *
                                       1285  1409 ;   *                                                                *
                                       1285  1410 ;   ********************************************************************
                                       1285  1411 ;
                      7FFF 8F    BB    1285  1412          PUSHR    #R0_THRU_SP                ; SAVE ALL REGISTERS ON STACK
            56   00000008'EF    DE    1289  1413          MOVAL    REG_SAVE_AREA,R6           ; POINT R6 TO BEG OF ...
                                       1290  1414                                             ; ... REGS (BEFORE S.S.)
                      54    5E    D0    1290  1415          MOVL     SP,R4                      ; POINT R4 TO BEG OF
                                       1293  1416                                             ; ... REGS (AFTER S.S.)
                 53   FF  8F    98    1293  1417          CVTBL    #-1,R3                     ; INITIALIZE REG_COMP_MASK INDEX
                                       1297  1418 REG_COMP_NEXT:
                      53    D6    1297  1419          INCL     R3                         ; POINT TO NEXT BIT IN MASK
                 53    0F    91    1299  1420          CMPB     #15,R3                     ; END OF THE MASK ?
                      03    1A    129C  1421          BGTRU    REG_COMP_CONT              ; NO -- CONTINUE
                    009F    31    129E  1422          BRW      REG_COMP_RSB              ; YES -- GO TO COMMON RETURN
                                       12A1  1423 REG_COMP_CONT:
                      84    86    D1    12A1  1424          CMPL     (R6)+,(R4)+                ; REG BEFORE = REG AFTER ?
                            F1    13    12A4  1425          BEQLU    REG_COMP_NEXT              ; YES -- LOOK FOR NEXT REG
       E9   00000000'EF    53    E1    12A6  1426          BBC      R3,REG_COMP_MASK,REG_COMP_NEXT
                                       12AE  1427                                             ; NO -- GET NEXT IF BIT NOT SET
            00000048'EF    53    D0    12AE  1428          MOVL     R3,CLOB_REG_NO             ; NO -- GIVE REG NUMBER TO FAO
       0000004C'EF    FC A6    D0    12B5  1429          MOVL     -4(R6),REG_BEFORE_SS       ; GIVE 'BEFORE' CONTENTS TO FAO
       00000050'EF    FC A4    D0    12BD  1430          MOVL     -4(R4),REG_AFTER_SS        ; GIVE 'AFTER' CONTENTS TO FAO
       00000056'EF    2A    90    12C5  1431          MOVB     #^A/*/,$$TSTN$$+2          ; GIVE FAILURE INDIC'N IN ERROR MSG
                                       12CC  1432 ;
                                       12CC  1433          $FAO_S   ERR_MSG_FAOCTL,OUTL,OUTD,$$SNAD$$,  -
                                       12CC  1434                   $$ASEQ$$,$$PSEQ$$,CLOB_REG_NO,REG_BEFORE_SS,REG_AFTER_SS
                                       12FF  1435 ;
       EE0E CF    EDD8 CF    B0    12FF  1436          MOVW     OUTL,OUTD                  ; ACTUAL OUTPUT LEN IN STRING DESC'R
                                       1306  1437          PUTMSG   <#UETP$_TEXT,#1,#OUTD>     ; PRINT THE MSG
       EDF2 CF    0084 8F    B0    131B  1438          MOVW     #OUTE-OUTB,OUTD            ; GET MAX LEN BACK INTO DESCRIPTOR
            00000056'EF    20    90    1322  1439          MOVB     #^A/ /,$$TSTN$$+2          ; REMOVE FAIL INDIC'N FOR NEXT MSG
       00000060'EF    00000088'EF    DE    1329  1440          MOVAL    TEST_MOD_FAIL,TMD_ADDR     ; INDICATE FAILED IN END MSG
       00000044'EF    03   00   02    F0    1334  1441          INSV     #ERROR,#0,#3,MOD_MSG_CODE  ; ADJUST STATUS CODE FOR ERROR
                            FF57    31    133D  1442          BRW      REG_COMP_NEXT             ; GO LOOK FOR NEXT REG TO COMPARE
                                       1340  1443 REG_COMP_RSB:
                      7FFF 8F    BA    1340  1444          POPR     #R0_THRU_SP                ; CLEAN UP STACK
                            05    1344  1445          RSB                                 ; RETURN TO CALLER
```

```
                1345  1447 MOD_MSG_PRINT:
                1345  1448 ;
                1345  1449 ; ****************************************************************
                1345  1450 ; *                                                              *
                1345  1451 ; *  PRINTS THE TEST MODULE BEGUN/SUCCESSFUL/FAILED MESSAGES     *
                1345  1452 ; *      (USING THE PUTMSG MACRO).                               *
                1345  1453 ; *                                                              *
                1345  1454 ; ****************************************************************
                1345  1455 ;
                1345  1456       PUTMSG  <MOD_MSG_CODE,#2,TMN_ADDR,TMD_ADDR> ; PRINT MSG
           05   1360  1457       RSB                                ; ... AND RETURN TO CALLER
                1361  1458 ;
                1361  1459 CHMRTN:
                1361  1460 ; ****************************************************************
                1361  1461 ; *                                                              
                1361  1462 ; *     CHANGE MODE ROUTINE. THIS ROUTINE GETS CONTROL WHENEVER
                1361  1463 ; *     A CMKRNL, CMEXEC, OR CMSUP SYSTEM SERVICE IS ISSUED
                1361  1464 ; *     BY THE MODE MACRO ('TO' OPTION).  IT MERELY DOES
                1361  1465 ; *     A JUMP INDIRECT ON A FIELD SET UP BY MODE. IT HAS
                1361  1466 ; *     THE EFFECT OF RETURNING TO THE END OF THE MODE
                1361  1467 ; *     MACRO EXPANSION.
                1361  1468 ; *
                1361  1469 ; ****************************************************************
                1361  1470 ;
           0000 1361  1471       .WORD   0                        ; ENTRY MASK
00000079'FF   17 1363  1472       JMP     @CHM_CONT                ; RETURN TO MODE MACRO IN NEW MODE
                1369  1473 ;
                1369  1474 ; *   RET INSTR WILL BE ISSUED IN EXPANSION OF 'MODE FROM, ....' MACRO
                1369  1475 ;
                1369  1476       .END    SATSSF09
```

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SATSSF09   - SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:38:08   VAX/VMS Macro V04-00   Page 60   SA
Symbol table   5-SEP-1984 04:28:29   [UETPSY.SRC]SATSSF09.MAR;1   (3)   VO

Symbol	Value			Symbol	Value		
$$$CHARS	= 00000048			LIB$SIGNAL	********	X	06
$$$FIRSTTC$$$	= 00000000			MBXNAM_ASN	= 00000000		
$$$STRINGS	= 00000000			MBXNAM_ASN40	000000E0	R	02
$$ACT$$	000000F3	R	06	MBXNAM_ASN41	00000284	R	02
$$ARG$$	000000FB	R	06	MBXNAM_ASN42	000000BD	R	02
$$ASEQ$$	000000EB	R	06	MBXNAM_ASN43	00000028	R	05
$$CALL$$	000000DF	R	06	MEXIT	= 00000000		
$$DISP$$	000001E6	R	06	MOD_MSG_CODE	00000044	R	03
$$ERR$$	000001A0	R	06	MOD_MSG_PRINT	00001345	R	06
$$EXP$$	000000F7	R	06	MY_DISK	00000264	R	02
$$INIT$$	000000E3	R	06	NARGS	= 00000018		
$$MAXP$$	= 00000005			NOACCESS	00000000	R	05
$$PSEQ$$	000000EF	R	06	NSSARGS	= 00000001		
$$SNAD$$	000000E7	R	06	ONES	000000B5	R	02
$$T1	= 00000004			OUTB	0000011C	R	06
$$T2	= 00000009			OUTD	00000114	R	06
$$TSTN$$	00000054	R	03	OUTE	000001A0	R	06
ACMODE_ASN	00000280	R	02	OUTL	000000DB	R	06
CHAN_ASN	00000118	R	03	PHD$Q_PRIVMSK	= 00000000		
CHAN_ASN20	0000027C	R	02	PRIBUF_GCH	00000093	R	03
CHAN_DAS	0000011A	R	03	PRIBUF_GCH30	000000FF	R	03
CHAN_DAS10	0000011E	R	03	PRIBUF_GCH31	000001F8	R	02
CHAN_DAS11	00000274	R	02	PRIBUF_GDV	00000093	R	03
CHAN_DAS12	00000278	R	02	PRIBUF_GDV30	000000FF	R	03
CHAN_DMX	00000122	R	03	PRIBUF_GDV31	000001F8	R	02
CHAN_DMX10	00000126	R	03	PRILEN_GCH	00000091	R	03
CHAN_DMX11	0000012A	R	03	PRILEN_GCH20	000001F6	R	02
CHAN_DMX12	00000274	R	02	PRILEN_GDV	00000091	R	03
CHAN_DMX13	00000278	R	02	PRILEN_GDV20	000001F6	R	02
CHAN_DMX14	0000012E	R	03	PRIVMASK	00000071	R	03
CHAN_GCH	00000110	R	03	PRIV_ARGS	= 00000002		
CHAN_GCH10	00000274	R	02	PROT	000000B1	R	02
CHAN_GCH11	00000278	R	02	PRT$C_NA	********	X	02
CHAN_GCH12	00000114	R	03	PRVSV_PRMMBX	= 0000000B		
CHMRTN	00001361	R	06	PRVPRT	00000070	R	03
CHM_CONT	00000079	R	03	PSL$C_USER	= 00000003		
CLEANUP	0000120A	R	06	R0_THRU_SP	= 00007FFF		
CLOB_REG_NO	00000048	R	03	REGS	0000007D	R	03
CTL$GL_PHD	********	X	06	REG_AFTER_SS	00000050	R	03
CURRENT_TC	00000004	R	03	REG_BEFORE_SS	0000004C	R	03
DEVNAM_ASN	000000BD	R	02	REG_COMP	00001285	R	06
DEVNAM_ASN10	000000D8	R	02	REG_COMP_CONT	000012A1	R	06
DEVNAM_ASN11	000001E8	R	02	REG_COMP_MASK	00000000	R	02
DEVNAM_ASN12	00000018	R	05	REG_COMP_NEXT	00001297	R	06
DEVNAM_GDV	000000BD	R	02	REG_COMP_RSB	00001340	R	06
DEVNAM_GDV10	000000CD	R	02	REG_REST	00001275	R	06
DEVNAM_GDV11	000000D8	R	02	REG_SAVE	00001264	R	06
DEVNAM_GDV12	000000E0	R	02	REG_SAVE_AREA	00000008	R	03
DEVNAM_GDV13	000001E8	R	02	RETADR	00000068	R	03
DEVNAM_GDV14	00000008	R	05	SATSSF09	0C000000	R	06
EMPTY	00000000	R	04	SECBUF_GCH	00000093	R	03
ERROR	= 00000002			SECBUF_GCH50	00000108	R	03
ERR_MSG_FAOCTL	00000002	R	02	SECBUF_GCH51	000001F8	R	02
EXECUTE	000011D8	R	06	SECBUF_GDV	00000093	R	03
GRP_TOTAL	= 00000005			SECBUF_GDV50	00000108	R	03
INADR	000000A9	R	02	SECBUF_GDV51	000001F8	R	02
INFO	= 00000003			SECLEN_GCH	00000091	R	03

SATSSF09
Symbol table

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- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:38:08 VAX/VMS Macro V04-00   Page 61
                                        5-SEP-1984 04:28:29 [UETPSY.SRC]SATSSF09.MAR;1   (3)

Symbol	Value		Mod
SECLEN_GCH40	000001F6	R	02
SECLEN_GDV	00000091	R	03
SECLEN_GDV40	000001F6	R	02
SEVERE	= 00000004		
SHR$K_SHRDEF	= 00000001		
SHR$_TEXT	= 00001130		
SS$_ACCVIO	********	X	06
SS$_BUFFEROVF	********	X	06
SS$_DEVNOTMBX	********	X	06
SS$_IVCHAN	********	X	06
SS$_IVDEVNAM	********	X	06
SS$_IVLOGNAM	********	X	06
SS$_NOPRIV	********	X	06
SS$_NOSUCHDEV	********	X	06
STS$V_INHIB_MSG	= 0000001C		
SUCCESS	= 00000001		
SYS$ASSIGN	********	GX	06
SYS$CMEXEC	********	GX	06
SYS$CMKRNL	********	GX	06
SYS$CREMBX	********	GX	06
SYS$DASSGN	********	GX	06
SYS$DELMBX	********	GX	06
SYS$EXIT	********	GX	06
SYS$FAO	********	X	06
SYS$FAOL	********	GX	06
SYS$GETCHN	********	GX	06
SYS$GETDEV	********	GX	06
SYS$HIBER	********	GX	06
SYS$SETPRN	********	GX	06
SYS$SETPRT	********	GX	06
SYS$SETPRV	********	GX	06
SYS$WAKE	********	GX	06
TC1	00000241	R	06
TC2	000002E1	R	06
TC3	000003DD	R	06
TC4	00000459	R	06
TC5	000004F8	R	06
TCG_NO	= 00000005		
TC_CONTROL	00001223	R	06
TEST_MOD_BEG	00000077	R	02
TEST_MOD_FAIL	00000088	R	02
TEST_MOD_NAME	0000006E	R	02
TEST_MOD_NAME_D	0000008F	R	02
TEST_MOD_SUCC	0000007D	R	02
TMD_ADDR	00000060	R	03
TMN_ADDR	0000005C	R	03
TPID	00000000	R	03
TS1	00000635	R	06
TS2	000009AD	R	06
TS3	00000D1A	R	06
TS4	00000FE0	R	06
TS5	000010D4	R	06
TS_EP	00000064	R	03
TTNAME	0000009F	R	02
UETP$_SATSMS	= 007480D9		
UETP$_TEXT	= 00741133		
WARNING	= 00000000		

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```
                                            +------------------+
                                            ! 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                      0000028F (  655.)    02 (  2.)   NOPIC   USR   CON   REL   LCL NOSHR NOEXE RD   NOWRT   NOVEC LONG
RWDATA                      00000132 (  306.)    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
SATSSF09                    00001369 ( 4969.)    06 (  6.)   NOPIC   USR   CON   REL   LCL NOSHR  EXE  RD     WRT   NOVEC LONG

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

Phase                    Page faults     CPU Time         Elapsed Time
-----                    -----------     --------         ------------
Initialization                   29      00:00:00.08      00:00:00.43
Command processing              107      00:00:00.60      00:00:02.42
Pass 1                          474      00:00:21.25      00:00:41.87
Symbol table sort                11      00:00:01.38      00:00:02.83
Pass 2                          407      00:00:05.61      00:00:13.29
Symbol table output              23      00:00:00.16      00:00:00.31
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           1059      00:00:29.12      00:01:01.19
```

The working set limit was 900 pages.
116701 bytes (228 pages) of virtual memory were used to buffer the intermediate code.
There were 50 pages of symbol table space allocated to hold 689 non-local and 209 local symbols.
1476 source lines were read in Pass 1, producing 34 object records in Pass 2.
69 pages of virtual memory were used to define 53 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              26
TOTALS (all libraries)                         47
```

1319 GETS were required to define 47 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS$:SATSSF09/OBJ=OBJ$:SATSSF09 MSRC$:SATSSF09/UPDATE=(ENH$:SATSSF09)+EXECML$/LIB+SHRLIB$:UETP/LIB