


```

SSSSSSSS  AAAAAA  TTTTTTTTTT  SSSSSSSS  SSSSSSSS  FFFFFFFFFF  000000  5555555555
SSSSSSSS  AAAAAA  TTTTTTTTTT  SSSSSSSS  SSSSSSSS  FFFFFFFFFF  000000  5555555555
SS        AA      AA      TT      SS        SS        FF        00      00      55
SS        AA      AA      TT      SS        SS        FF        00      00      55
SS        AA      AA      TT      SS        SS        FF        00      0000    555555
SS        AA      AA      TT      SS        SS        FF        00      0000    555555
SSSSSSS   AA      AA      TT      SSSSSS   SSSSSS   FFFFFFFF   00  00  00      55
SSSSSSS   AA      AA      TT      SSSSSS   SSSSSS   FFFFFFFF   00  00  00      55
SS        AAAAAAAAAA  TT      SS        SS        FF        0000  00      55
SS        AAAAAAAAAA  TT      SS        SS        FF        0000  00      55
SS        AA      AA      TT      SS        SS        FF        00      00      55
SS        AA      AA      TT      SS        SS        FF        00      00      55
SS        AA      AA      TT      SS        SS        FF        00      00      55
SSSSSSSS  AA      AA      TT      SSSSSSSS  SSSSSSSS  FFFFFFFF   000000  555555
SSSSSSSS  AA      AA      TT      SSSSSSSS  SSSSSSSS  FFFFFFFF   000000  555555

```

```

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

```

(1)	55	DECLARATIONS
(1)	242	SATSSF05
(1)	342	SFSUS10
(1)	364	SFSUS11
(1)	386	SFSUS12
(1)	409	SFSUS13
(1)	433	SFSUS14
(1)	457	SFSUS20
(1)	481	SFSUS21
(1)	505	SFSUS22
(1)	530	SFSUS23
(1)	555	SFSUS24
(1)	581	SFSUS25
(1)	605	SFSUS26
(1)	628	SFSUS27
(1)	651	SFSUS28
(2)	705	SFRES10
(2)	728	SFRES11
(2)	750	SFRES12
(2)	773	SFRES13
(2)	797	SFRES14
(2)	821	SFRES20
(2)	845	SFRES21
(2)	869	SFRES22
(2)	894	SFRES23
(2)	919	SFRES24
(2)	945	SFRES25
(2)	969	SFRES26
(2)	992	SFRES27
(2)	1015	SFRES28
(2)	1068	SFSWK10
(2)	1091	SFSWK11
(2)	1113	SFSWK12
(2)	1136	SFSWK13
(2)	1160	SFSWK14
(2)	1184	SFSWK20
(2)	1208	SFSWK21
(2)	1232	SFSWK22
(2)	1257	SFSWK23
(2)	1282	SFSWK24
(2)	1305	SFSWK30
(3)	1329	SFSWK31
(3)	1352	SFSWK32
(3)	1376	SFSWK40
(3)	1399	SFSWK41
(3)	1422	SFSWK42
(3)	1446	SFSWK43
(3)	1469	SFSWK44
(3)	1495	SFSWK25
(3)	1519	SFSWK26
(3)	1542	SFSWK27
(3)	1565	SFSWK28
(3)	1741	EXECUTE & CLEANUP
(3)	1757	TC CONTROL
(3)	1838	SUBROUTINES

```
0000 1 .TITLE SATSSF05 - 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 SATSSF05 MODULE TESTS THE EXECUTION OF CERTAIN
0000 33 : VMS SYSTEM SERVICES, INVOKED IN SUCH A WAY AS TO EXPECT FAILING
0000 34 : STATUS CODES. THE SYSTEM SERVICES TESTED AND THE STATUS CODES
0000 35 : EXPECTED ARE SUMMARIZED AS ARGUMENTS TO THE TESTSERV MACROS
0000 36 : WHICH APPEAR NEAR THE END OF THIS LISTING. SUCCESSFUL STATUS
0000 37 : CODES ARE TESTED IN OTHER MODULES.
0000 38 :
0000 39 :
0000 40 : ENVIRONMENT: USER MODE IMAGE; NEEDS CMKRNL PRIVILEGE,
0000 41 : DYNAMICALLY ACQUIRES OTHER PRIVILEGES, AS NEEDED.
0000 42 :
0000 43 : AUTHOR: THOMAS L. CAFARELLA, CREATION DATE: MMM, 1978
0000 44 : PAUL D. FAY (DISPSERV & TESTSERV MACROS)
0000 45 :
0000 46 : MODIFIED BY:
0000 47 :
0000 48 : VERSION 1.50 : 25-MAY-79
0000 49 :
0000 50 : V03-001 LDJ0001 Larry D. Jones, 11-Apr-1983
0000 51 : Removed the three 29 testcases because of a restriction
0000 52 : removal from the exec.
0000 53 :--
```

```
0000 55 .SBTTL DECLARATIONS
0000 56 :
0000 57 : INCLUDE FILES:
0000 58 :
0000 59 $PRVDEF : SYMBOL DEFS FOR PRIVILEGES
0000 60 $UETPDEF : UETP MSG CODE DEFINITIONS
0000 61 $SHR_MESSAGES UETP,116,<<TEXT,INFO>>
0000 62 : DEFINE UETPS TEXT
0000 63 $PHDDEF : PROCESS HEADER DEFINITION
0000 64 $PCBDEF : PROCESS CONTROL BLOCK DEFINITION
0000 65 $STSDEF : STATUS DEFINITION
0000 66 $DIBDEF : DEFINE DEVICE INFO BLOCK OFFSETS
0000 67 :
0000 68 : MACROS:
0000 69 :
0000 70 :
0000 71 : EQUATED SYMBOLS:
0000 72 :
00000000 0000 73 WARNING = 0 : WARNING SEVERITY VALUE FOR MSGS
00000001 0000 74 SUCCESS = 1 : SUCCESS SEVERITY VALUE FOR MSGS
00000002 0000 75 ERROR = 2 : ERROR SEVERITY VALUE FOR MSGS
00000003 0000 76 INFO = 3 : INFORMATIONAL SEV VALUE FOR MSGS
00000004 0000 77 SEVERE = 4 : SEVERE (FATAL) SEV VALUE FOR MSGS
00000000 0000 78 TCG_NO = 0 : INITIALIZE TEST CASE GROUP NUMBER
00000000 0000 79 GRP_TOTAL = 0 : INITIALIZE TEST CASE GROUP TOTAL
00007FFF 0000 80 RO_THRU_SP = ^M<R0,R1,R2,R3,R4,R5,R6,R7,R8,R9,R10,R11,AP,FP,SP>
00000040 0000 81 DETFLAG = 64 : EVENT FLAG NO. FOR DETACHED PROC
00000001 0000 82 PIDADR_SUS10 = 1 : PIDADR ARG FOR SUSPND (LOCATION 1)
00000001 0000 83 PIDADR_RES10 = 1 : PIDADR ARG FOR RESUME (LOCATION 1)
00000001 0000 84 PIDADR_SWK10 = 1 : PIDADR ARG FOR SCHDWK (LOCATION 1)
00000000 0000 85 DAYTIM_SWK30 = 0 : DAYTIM ARG FOR SCHDWK (LOCATION 0)
00000001 0000 86 REPTIM_SWK40 = 1 : REPTIM ARG FOR SCHDWK (LOCATION 1)
0000 87 :
0000 88 : OWN STORAGE:
0000 89 :
```

```

00000000 91 .PSECT RODATA, RD, NOWRT, NOEXE, LONG
BFFC 0000 92 REG_COMP_MASK: .WORD ^M<R2,R3,R4,R5,R6,R7,R8,R9,R10,R11,AP,FP> ! ^X8000 -
0002 93 : REG COMPARE MASK (HIGH-ORDER ...
0002 94 : BIT MUST BE ON
0002 95 ERR_MSG_FAOCTL: STRING I, <!/!AC!1ZB!1ZB: REGISTER !2UW CONTENTS ALTERED>, -
0002 96 <: BEFORE SERVICE CALL: !8XL AFTER SERVICE CALL: !8XL>
006E 97 TEST_MOD_NAME: STRING C, <SATSSF05> : TEST MODULE NAME
0077 98 TEST_MOD_BEG: STRING C, <begun> : DISPOSITION FIELD OF TEST MOD MSG
007D 99 TEST_MOD_SUCC: STRING C, <successful> : DISPOSITION FIELD OF TEST MOD MSG
0088 100 TEST_MOD_FAIL: STRING C, <failed> : DISPOSITION FIELD OF TEST MOD MSG
008F 101 TEST_MOD_NAME_D: STRING I, <SATSSF05> : TEST MODULE NAME DESCRIPTOR
009F 102 TTNAME: STRING I, <TT> : TERMINAL LOGICAL NAME
00000000'00000000' 00A9 103 INADR: .LONG NOACCESS, NOACCESS : PAGE ADDRESS OF NOACCESS PSECT
00000000' 00B1 104 PROT: .LONG PRISC_NA : PROTECTION CODE FOR NOACCESS PSECT
FFFFFFFF FFFFFFFF 00B5 105 ONES: .LONG -1, -1 : A QUADWORD OF 1-BITS
00BD 106 DETIMAGE: STRING I, <SYSTST$RES:SATSUT01.EXE>
00DC 107 : IMAGE NAME FOR DETACHED PROCESS
00DC 108 DETNAME: STRING I, <SATSSF05_DET> : PROC & MBX NAME FOR DET PROCESS
00F0 109 ;PRCNAM_SUS29 = DETNAME : PRCNAM ARGUMENT FOR SUSPND
00F0 110 ;PRCNAM_RES29 = DETNAME : PRCNAM ARGUMENT FOR RESUME
00F0 111 ;PRCNAM_SWK29 = DETNAME : PRCNAM ARGUMENT FOR SCHDWK
00F0 112 PRCNAM_SUS: STRING I, <SATSSF05> : PRCNAM ARGUMENT FOR SUSPND
00000001 0100 113 PRCNAM_SUS24: .LONG 1 : PRCNAM ARGUMENT FOR SUSPND
00000000' 0104 114 .ADDRESS NOACCESS :
0108 115 PRCNAM_SUS26: STRING I, <SFUS26> : PRCNAM ARGUMENT FOR SUSPND
00000000 0117 116 PRCNAM_SUS27: .LONG 0 : PRCNAM ARGUMENT FOR SUSPND
011B 117 PRCNAM_SUS28: STRING I, <SIXTEEN CHAR$$$> :
0133 118 : PRCNAM ARGUMENT FOR SUSPND
0133 119 PRCNAM_RES: STRING I, <SATSSF05> : PRCNAM ARGUMENT FOR RESUME
00000001 0143 120 PRCNAM_RES24: .LONG 1 : PRCNAM ARGUMENT FOR RESUME
00000000' 0147 121 .ADDRESS NOACCESS :
014B 122 PRCNAM_RES26: STRING I, <SFRES26> : PRCNAM ARGUMENT FOR RESUME
00000000 015A 123 PRCNAM_RES27: .LONG 0 : PRCNAM ARGUMENT FOR RESUME
015E 124 PRCNAM_RES28: STRING I, <SIXTEEN CHAR$$$> :
0176 125 : PRCNAM ARGUMENT FOR RESUME
0176 126 PRCNAM_SWK: STRING I, <SATSSF05> : PRCNAM ARGUMENT FOR SCHDWK
00000001 0186 127 PRCNAM_SWK24: .LONG 1 : PRCNAM ARGUMENT FOR SCHDWK
00000000' 018A 128 .ADDRESS NOACCESS :
018E 129 PRCNAM_SWK26: STRING I, <SFWSK26> : PRCNAM ARGUMENT FOR SCHDWK
00000000 019D 130 PRCNAM_SWK27: .LONG 0 : PRCNAM ARGUMENT FOR SCHDWK
01A1 131 PRCNAM_SWK28: STRING I, <SIXTEEN CHAR$$$> :
01B9 132 : PRCNAM ARGUMENT FOR SCHDWK
00000000 00000000 01B9 133 DAYTIM_SWK: .LONG 0,0 : DAYTIM ARGUMENT FOR SCHDWK
00000000 00000000 01C1 134 REPTIM_SWK: .LONG 0,0 : REPTIM ARGUMENT FOR SCHDWK
00000000 00000001 01C9 135 REPTIM_SWK43: .LONG 1,0 : REPTIM ARGUMENT FOR SCHDWK
OFFFFFFFF FFFFFFFF 01D1 136 REPTIM_SWK44: .LONG ^XFFFFFFF, ^XOFFFFF : REPTIM ARGUMENT FOR SCHDWK
01D9 137

```

00000000	139	.PSECT	RWDATA, RD, WRT, NOEXE	
00000004	0000	140	TPID:	.BLKL 1 ; PROCESS ID FOR THIS PROCESS
00000008	0004	141	CURRENT TC:	.BLKL 1 ; PTR TO CURRENT TEST CASE
00000044	0008	142	REG_SAVE_AREA:	.BLKL 15 ; SAVE AREA FOR ALL REGS (SANS PC)
007480D9	0044	143	MOD_MSG_CODE:	.LONG UETPS_SATSMS ; TEST MODULE MSG CODE FOR PUTMSG
0000004C	0048	144	CLOB_REG_NO:	.BLKL 1 ; CLOBBERED REG NO (FOR FAO ERR MSG)
00000050	004C	145	REG_BEFORE_SS:	.BLKL 1 ; REG CONTENTS BEFORE S.S.
	0050	146		... (FOR FAO ERROR MSG)
00000054	0050	147	REG_AFTER_SS:	.BLKL 1 ; REG CONTENTS AFTER S.S.
	0054	148		... (FOR FAO ERROR MSG)
	0054	149	\$\$STN\$\$:	STRING C, < SF > ; ASCII PORTION OF TEST CASE NAME
0000006E	005C	150	TMN_ADDR:	.ADDRESS TEST_MOD_NAME ; ADDR OF TEST MOD NAME FOR FAO
00000077	0060	151	TMD_ADDR:	.ADDRESS TEST_MOD_BEG ; ADDR OF T.M. DISP FIELD FOR FAO
00000068	0064	152	TS_EP:	.BLKL 1 ; ENTRY PNT FOR CURR TESTSERV MACRO
00000070	0068	153	RETADR:	.BLKL 2 ; RETURN LONGWORDS FOR SETPRT
00000071	0070	154	PRVPRT:	.BLKB 1 ; PROT RETURN BYTE FOR SETPRT
00000079	0071	155	PRIVMASK:	.BLKB 1 ; ADDR OF PRIVILEGE MASK (IN PHD)
0000007D	0079	156	CHM_CONT:	.BLKL 1 ; CHANGE MCDE CONTINUE ADDRESS
00000091	007D	157	REGS:	.BLKL 5 ; AREA FOR COND INDEX REGS (R2-R6)
00000095	0091	158	DETUIC:	.BLKL 1 ; UIC FOR DETACHED PROCESS
00000099	0095	159	MBXCHAN:	.BLKL 1 ; CHAN NO. FOR MBOX FOR CREATED PROC
	0099	160	MBXCHANINFO:	STRING 0,75 ; CHANNEL INFO RETURNED BY GETCHN
000000F0	00EC	161	MBXUNIT:	.BLKL 1 ; SAVE AREA FOR MAILBOX UNIT NUMBER
	00F0	162	MBXBUFF:	STRING 0,120 ; MAILBOX BUFFER FOR CREATED PROCESS
00000174	0170	163	PIDADR_SUS:	.BLKL 1 ; PIDADR ARGUMENT FOR SUSPND
00000178	0174	164	PIDADR_SUS13:	.BLKL 1 ; PIDADR ARGUMENT FOR SUSPND
0000017C	0178	165	PIDADR_SUS14:	.BLKL 1 ; PIDADR ARGUMENT FOR SUSPND
00000180	017C	166	PIDADR_RES:	.BLKL 1 ; PIDADR ARGUMENT FOR RESUME
00000184	0180	167	PIDADR_RES13:	.BLKL 1 ; PIDADR ARGUMENT FOR RESUME
00000188	0184	168	PIDADR_RES14:	.BLKL 1 ; PIDADR ARGUMENT FOR RESUME
0000018C	0188	169	PIDADR_SWK:	.BLKL 1 ; PIDADR ARGUMENT FOR SCHDWK
00000190	018C	170	PIDADR_SWK13:	.BLKL 1 ; PIDADR ARGUMENT FOR SCHDWK
00000194	0190	171	PIDADR_SWK14:	.BLKL 1 ; PIDADR ARGUMENT FOR SCHDWK

```

00000000 173 .PSECT SATS ACCVIO_1,RD,WRT,NOEXE,PAGE
00000200 0000 174 EMPTY: .BLKB 512 ; RESERVE A PAGE OF SPACE
      0200 175 :
      0200 176 : +
      0200 177 : *****
      0200 178 : *
      0200 179 : * THE ORDER OF STATEMENTS IN THIS PSECT IS CRITICAL.
      0200 180 : * DC NOT RE-ARRANGE THE VARIABLES. CONSULT SATS
      0200 181 : * FUNCTIONAL SPECIFICATION FOR A DESCRIPTION OF THE USE
      0200 182 : * OF THE EMPTY PSECT (AND ITS COMPANION PSECT, NOACCESS).
      0200 183 : *
      0200 184 : *****
      0200 185 : -
      0200 186 :
      0200 187 : TYPE AAAAA_SSSX1 (TYPE AAAAA_SSSX2 IF NOT DESC) GO HERE:
000001FF 0200 188 PIDADR_SUS12 = . - 1 ; PIDADR ARGUMENT FOR SUSPND (LAST BYTE IN PAGE)
000001FF 0200 189 PRCNAM_SUS21 = . - 1 ; PRCNAM ARGUMENT FOR SUSPND (LAST BYTE IN PAGE)
000001FF 0200 190 PIDADR_RES12 = . - 1 ; PIDADR ARGUMENT FOR RESUME (LAST BYTE IN PAGE)
000001FF 0200 191 PRCNAM_RES21 = . - 1 ; PRCNAM ARGUMENT FOR RESUME (LAST BYTE IN PAGE)
000001FF 0200 192 PIDADR_SWK12 = . - 1 ; PIDADR ARGUMENT FOR SCHDWK (LAST BYTE IN PAGE)
000001FF 0200 193 PRCNAM_SWK21 = . - 1 ; PRCNAM ARGUMENT FOR SCHDWK (LAST BYTE IN PAGE)
000001FF 0200 194 DAYTIM_SWK32 = . - 1 ; DAYTIM ARGUMENT FOR SCHDWK (LAST BYTE IN PAGE)
000001FF 0200 195 REPTIM_SWK42 = . - 1 ; REPTIM ARGUMENT FOR SCHDWK (LAST BYTE IN PAGE)
000001F3 0200 196 = . - 13 ; ALLOW ROOM FOR STRING DESCRIPTOR
      01F3 197 : TYPE AAAAA_SSSX5 GO HERE:
      01F3 198 PRCNAM_SUS25: ; PRCNAM ARGUMENT FOR SUSPND
      01F3 199 PRCNAM_RES25: ; PRCNAM ARGUMENT FOR RESUME
      01F3 200 PRCNAM_SWK25: ; PRCNAM ARGUMENT FOR SCHDWK
00000006 01F3 201 .LONG 6 ; STRING LENGTH (WILL CROSS PSECT BOUNDARY)
000001FB 01F7 202 .ADDRESS +4 ; STRING ADDRESS
      01FB 203 : TYPE AAAAA_SSSX3 GO HERE:
      01FB 204 PRCNAM_SUS23: ; PRCNAM ARGUMENT FOR SUSPND
      01FB 205 PRCNAM_RES23: ; PRCNAM ARGUMENT FOR RESUME
      01FB 206 PRCNAM_SWK23: ; PRCNAM ARGUMENT FOR SCHDWK
000001FC 01FB 207 .BLKB 1 ; LOW-ORDER BYTE OF STRING LENGTH
      01FC 208 : TYPE AAAAA_SSSX2 GO HERE:
      01FC 209 PRCNAM_SUS22: ; PRCNAM ARGUMENT FOR SUSPND
      01FC 210 PRCNAM_RES22: ; PRCNAM ARGUMENT FOR RESUME
      01FC 211 PRCNAM_SWK22: ; PRCNAM ARGUMENT FOR SCHDWK
00000200 01FC 212 .BLKL 1 ; STRING LENGTH
      0200 213 :
      0200 214 :
      0200 215 :
      0200 216 :
00000000 217 .PSECT SATS ACCVIO_2,RD,WRT,NOEXE,PAGE
00000200 0000 218 NOACCESS: .BLKB 512 ; RESERVE A PAGE OF SPACE
00000000 0200 219 = . - 512 ; RETURN LOC CTR TO BEGINNING OF PSECT
00000000 0000 220 .ADDRESS EMPTY ; ADDRESS OF ACCESSIBLE STRING
00000000 0004 221 .ADDRESS EMPTY/^X100 ; ADDRESS OF ACCESSIBLE STRING
      0008 222 : +
      0008 223 : *** NOTE -- DO NOT CHANGE LOCATION OR SEQUENCE OF ABOVE STATEMENTS!
      0008 224 : *** THIS PSECT (NOACCESS) MUST APPEAR IN MEMORY IMMEDIATELY
      0008 225 : *** FOLLOWING THE EMPTY PSECT. PSECT NAMES AND OPTIONS WILL BE
      0008 226 : *** CHOSEN TO FORCE THE DESIRED PSECT ORDERING.
      0008 227 : -
      0008 228 :
      0008 229 :

```



```
0008 230 :  
0008 231 :  
00000000 0008 232 PIDADR_SUS11: .LONG 0 : PIDADR ARGUMENT FOR SUSPND  
0000 000C 233 PRCNAM_SUS20: STRING 1,<SFSUS20> : PRCNAM ARGUMENT FOR SUSPND  
00000000 001B 234 PIDADR_RES11: .LONG 0 : PIDADR ARGUMENT FOR RESUME  
001F 235 PRCNAM_RES20: STRING 1,<SFRES20> : PRCNAM ARGUMENT FOR RESUME  
00000000 002E 236 PIDADR_SWK11: .LONG 0 : PIDADR ARGUMENT FOR SCHDWK  
0032 237 PRCNAM_SWK20: STRING 1,<SFSWK20> : PRCNAM ARGUMENT FOR SCHDWK  
00000000 00000000 0041 238 DAYTIM_SWK31: .LONG 0,0 : DAYTIM ARGUMENT FOR SCHDWK  
00000000 00000000 0049 239 REPTIM_SWK41: .LONG 0,0 : REPTIM ARGUMENT FOR SCHDWK  
00000000 240 .PSECT SATSSF05,RD,WRT,EXE,LONG
```

```
0000 242 .SBTTL SATSSF05
0000 243 :++
0000 244 : FUNCTIONAL DESCRIPTION:
0000 245 :
0000 246 : AFTER PERFORMING SOME INITIAL HOUSEKEEPING, SUCH AS
0000 247 : PRINTING THE MODULE BEGIN MESSAGE AND ACQUIRING ALL PRIVILEGES,
0000 248 : THE SATSSF05 ROUTINE EXECUTES THE TEST SERV EXEC MACRO TO RUN
0000 249 : ALL TEST CASES. WHEN THE MACRO COMPLETES ITS EXECUTION, SATSSF05
0000 250 : PRINTS A TEST MODULE SUCCESS OR FAIL MESSAGE AND EXITS TO THE
0000 251 : OPERATING SYSTEM. TEST SERV EXEC CALLS THE TC CONTROL/TESTSERV
0000 252 : CO-ROUTINE PAIR ONCE PER TEST CASE GROUP TO EXECUTE ALL TEST
0000 253 : CASES IN THAT GROUP. EACH TEST CASE GROUP IS DEFINED BY BOUNDING
0000 254 : ITS TEST CASES WITH A TC GROUP MACRO BEFORE THE FIRST TEST CASE
0000 255 : AND A TCEND MACRO AFTER THE LAST ONE. THE TEST CASES THEMSELVES
0000 256 : ARE DEFINED WITHIN THESE BOUNDS BY PRECEDING EACH WITH A
0000 257 : NEXT TEST CASE MACRO. TC CONTROL/TESTSERV EXECUTES THE CODE
0000 258 : FOLLOWING EACH NEXT TEST CASE MACRO IMMEDIATELY BEFORE ISSUING
0000 259 : THE SYSTEM SERVICE AS REQUESTED IN THE TESTSERV MACRO. TC CONTROL/
0000 260 : TESTSERV ALSO CHECKS THE RESULTS OF THE SERVICE WITH RESPECT
0000 261 : TO ITS EXPECTED STATUS CODE AND PRINTS ANY REQUIRED FAILURE
0000 262 : MESSAGES FOR THE TEST CASE. THE CODE APPEARING AFTER EACH
0000 263 : NEXT TEST CASE MACRO IS MERELY TO SET UP CONDITIONS REQUIRED
0000 264 : FOR THE SYSTEM SERVICE AND TO CLEAN UP ANY RESOURCES ACQUIRED
0000 265 : BY THE PREVIOUS TEST CASE.
0000 266 :
0000 267 : CALLING SEQUENCE:
0000 268 :
0000 269 : $ RUN SATSSF05 ... (DCL COMMAND)
0000 270 :
0000 271 : INPUT PARAMETERS:
0000 272 :
0000 273 : NONE
0000 274 :
0000 275 : IMPLICIT INPUTS:
0000 276 :
0000 277 : NONE
0000 278 :
0000 279 : OUTPUT PARAMETERS:
0000 280 :
0000 281 : NONE
0000 282 :
0000 283 : IMPLICIT OUTPUTS:
0000 284 :
0000 285 : MESSAGES TO SYS$OUTPUT ARE THE ONLY OUTPUT FROM SATSSF05.
0000 286 : THEY ARE OF THE FORM:
0000 287 :
0000 288 : %UETP-S-SATSMS, TEST MODULE SATSSF05 BEGUN ... (BEGIN MSG)
0000 289 : %UETP-S-SATSMC, TEST MODULE SATSSF05 SUCCESSFUL ... (END MSG)
0000 290 : %UETP-E-SATSMS, TEST MODULE SATSSF05 FAILED ... (END MSG)
0000 291 : %UETP-I-TEXT, ... (VARIABLE INFORMATION ABOUT A TEST MODULE FAILURE)
0000 292 :
0000 293 : COMPLETION CODES:
0000 294 :
0000 295 : THE SATSSF05 ROUTINE TERMINATES WITH A $EXIT TO THE
0000 296 : OPERATING SYSTEM WITH A STATUS CODE DEFINED BY UETP$_SATSMS.
0000 297 :
0000 298 : SIDE EFFECTS:
```

```

0000 299 :
0000 300 : NONE
0000 301 :
0000 302 : --
0000 303 :
0000 304 :
0000 305 :
0000 306 : SATSSF05:
OFFC 0000 307 : .WORD ^M<R2,R3,R4,R5,R6,R7,R8,R9,R10,R11>
0002 308 : $WAKE S TPID : ENTRY MASK
0002 309 : $HIBER S : GET PID OF THIS PROCESS
0011 310 : $SETPRN_S TEST MOD NAME_D : UNDO WAKE
0018 311 : BSBW MOD MSG PRINT : SET PROCESS NAME
0025 312 : MOVAL TEST MOD_SUCC,TMD,ADDR : PRINT TEST MODULE BEGIN MSG
0028 313 : INSV #SUCCESS,#0,#3,MOD_MSG_CODE : ASSUME END MSG WILL SHOW SUCCESS
0033 314 : MODE TO,10$,KRNL,NOREGS : ADJUST STATUS CODE FOR SUCCESS
003C 315 : MOVL @#CTL$GL PHD,R9 : KERNEL MODE TO ACCESS PHD
59 00000000'9F DO 0059 316 : MOVAL PHD$Q PRIVMSK(R9),PRIVMASK : GET PROCESS HEADER ADDRESS
00000071'EF 69 DE 0060 317 : MODE FROM,T0$ : GET PRIV MASK ADDRESS
0067 318 : PRIV ADD,ALL : GET BACK TO USER MODE
0068 319 : $CREMBX_S CHAN=MBXCHAN, LOGNAM=DETNAME, - : GET ALL PRIVILEGES
0088 320 : MAXMSG=#120, PROMSK=#0, BUFQUO=#240
0088 321 : $GETCHN_S CHAN=MBXCHAN, PRIBUF=MBXCHANINFO : GET MAILBOX FOR PROCESS
00AD 322 :
00C7 323 : $MOVZWL MBXCHANINFO+8+DIB$W_UNIT,MBXUNIT : GET CHAN INFO (UNIT NUMBER)
000000EC'EF 000000AD'EF 3C 00C7 324 :
00D2 325 : MODE TO,20$,KRNL,NOREGS : SAVE MAILBOX UNIT NUMBER
00D2 326 : MOVL @#SCH$GL CURPCB,R9 : KERNEL MODE TO ACCESS PCB
59 00000000'9F DO 00EF 327 : MOVL PCB$UIC(R9),DETUIC : GET CURRENT PCB ADDRESS
00000091'EF 00BC C9 DO 00F6 328 : MODE FROM,20$ : PICK UP UIC FROM PCB
00FF 329 : $CREPRC_S IMAGE=DETIMAGE, PRCNAM=DETNAME, - : ... AND GET BACK TO USER MODE
0100 330 : UIC=DETUIC, MBXUNT=MBXUNIT
0100 331 :
0132 332 : DISPSERV : CREATE DETACHED PROC WITH SAME UIC
0132 333 : $SETPRT_S INADR=INADR, RETADR=RETADR, - : SET UP DISPLAY INFO FOR TESTSERV
02C7 334 : PROT=PROT, PRVPRT=PRVPRT
02C7 335 :
02E8 336 : BRW EXECUTE : SET NOACCESS PSECT
02E8 337 : TC_GROUP SUS,1,TS1 : ... FOR NO USER ACCESS
10D9 31 02E8 338 :
02E8 339 : NEXT_TEST_CASE SFSUS10 : GO EXECUTE ALL TEST CASES
0312 340 :
0312 341 :
0312 342 :

```

```
0312 343 :  
0312 344 :  
0312 345 :*****  
0312 346 :*  
0312 347 :* TEST CASE NAME: SFSUS10  
0312 348 :*  
0312 349 :* SYSTEM SERVICE: SUSPND  
0312 350 :*  
0312 351 :* ARGUMENT UNDER TEST: PIDADR_SUS10  
0312 352 :*  
0312 353 :* INPUT CONDITIONS:  
0312 354 :* PIDADR FIELD AT LOCATION 1  
0312 355 :*  
0312 356 :* EXPECTED RESULTS:  
0312 357 :* 1) SYSTEM STATUS CODE: ACCVIO  
0312 358 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
0312 359 :*  
0312 360 :*****  
0312 361 :--  
0312 362 :  
0312 363 :  
0312 364 : NEXT_TEST_CASE SFSUS11
```

```
031E 365 :  
031E 366 :++  
031E 367 :*****  
031E 368 :*  
031E 369 :* TEST CASE NAME: SFSUS11  
031E 370 :*  
031E 371 :* SYSTEM SERVICE: SUSPND  
031E 372 :*  
031E 373 :* ARGUMENT UNDER TEST: PIDADR_SUS11  
031E 374 :*  
031E 375 :* INPUT CONDITIONS:  
031E 376 :* PIDADR FIELD IN NON-ACCESSIBLE PSECT  
031E 377 :*  
031E 378 :* EXPECTED RESULTS:  
031E 379 :* 1) SYSTEM STATUS CODE: ACCVIO  
031E 380 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
031E 381 :*  
031E 382 :*****  
031E 383 :--  
031E 384 :  
031E 385 :  
031E 386 : NEXT_TEST_CASE SFSUS12
```

```
032A 387 :  
032A 388 :  
032A 389 :+  
032A 390 :*****  
032A 391 :* TEST CASE NAME: SFSUS12  
032A 392 :*  
032A 393 :* SYSTEM SERVICE: SUSPND  
032A 394 :*  
032A 395 :* ARGUMENT UNDER TEST: PIDADR_SUS12  
032A 396 :*  
032A 397 :* INPUT CONDITIONS:  
032A 398 :* PIDADR FIELD BEGINS IN ACCESSIBLE PSECT, ENDS  
032A 399 :* IN NON-ACCESSIBLE PSECT.  
032A 400 :*  
032A 401 :* EXPECTED RESULTS:  
032A 402 :* 1) SYSTEM STATUS CODE: ACCVIO  
032A 403 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
032A 404 :*  
032A 405 :*****  
032A 406 :--  
032A 407 :  
032A 408 :  
032A 409 :  
NEXT_TEST_CASE SFSUS13
```

```

0336 410 :
0336 411 :++
0336 412 :*****
0336 413 :*
0336 414 :* TEST CASE NAME:          SFSUS13
0336 415 :*
0336 416 :* SYSTEM SERVICE:         SUSPND
0336 417 :*
0336 418 :* ARGUMENT UNDER TEST:   PIDADR_SUS13
0336 419 :*
0336 420 :* INPUT CONDITIONS:
0336 421 :*   INVALID PROCESS ID
0336 422 :*
0336 423 :* EXPECTED RESULTS:
0336 424 :*   1) SYSTEM STATUS CODE: NONEXPR
0336 425 :*   2) REGISTERS R2 THROUGH FP UNCHANGED
0336 426 :*
0336 427 :*****
0336 428 :--
0336 429 :
0336 430 :   MOVL   TPID,PIDADR_SUS13 ; GET A VALID PID
0341 431 :   CVTBW  #-1,PIDADR_SUS13 ; MAKE IT INVALID
0349 432 :
0349 433 :   NEXT_TEST_CASE  SFSUS14

```

```

00000174'EF 00000000'EF D0
00000174'EF FF 8F 99

```

```

0355 434 :
0355 435 :++
0355 436 :*****
0355 437 :*
0355 438 :* TEST CASE NAME: SFSUS14
0355 439 :*
0355 440 :* SYSTEM SERVICE: SUSPND
0355 441 :*
0355 442 :* ARGUMENT UNDER TEST: PIDADR_SUS14
0355 443 :*
0355 444 :* INPUT CONDITIONS:
0355 445 :* VALID, NON-EXISTENT PROCESS ID
0355 446 :*
0355 447 :* EXPECTED RESULTS:
0355 448 :* 1) SYSTEM STATUS CODE: NONEXPR
0355 449 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
0355 450 :*
0355 451 :*****
0355 452 :--
0355 453 :
0355 454 : MOVL TPID,PIDADR_SUS14 ; GET AN EXISTENT PID
0360 455 : MOVW #6000,PIDADR_SUS14+2 ; MAKE IT NON-EXISTENT
0369 456 :
0369 457 : NEXT_TEST_CASE SFSUS20

```

```

00000178'EF 00000000'EF DO
0000017A'EF 1770 8F BO

```



```

0375 458 :
0375 459 :++
0375 460 :*****
0375 461 :*
0375 462 :* TEST CASE NAME:          SFSUS20
0375 463 :*
0375 464 :* SYSTEM SERVICE:         SUSPND
0375 465 :*
0375 466 :* ARGUMENT UNDER TEST:   PRCNAM_SUS20
0375 467 :*
0375 468 :* INPUT CONDITIONS:
0375 469 :*   PRCNAM STRING DESCRIPTOR LENGTH FIELD IN
0375 470 :*   NON-ACCESSIBLE PSECT.
0375 471 :*
0375 472 :* EXPECTED RESULTS:
0375 473 :*   1) SYSTEM STATUS CODE: ACCVIO
0375 474 :*   2) REGISTERS R2 THROUGH FP UNCHANGED
0375 475 :*
0375 476 :*****
0375 477 :--
00000170'EF  D4 0375 478 :
0375 479 :   CLRL  PIDADR_SUS      ; MAKE SURE PRCNAM IS USED BY SUSPND
037B 480 :
037B 481 :   NEXT_TEST_CASE  SFSUS21

```

```

0387 482 :
0387 483 :++
0387 484 :*****
0387 485 :*
0387 486 :* TEST CASE NAME:          SFSUS21
0387 487 :*
0387 488 :* SYSTEM SERVICE:         SUSPND
0387 489 :*
0387 490 :* ARGUMENT UNDER TEST:   PRCNAM_SUS21
0387 491 :*
0387 492 :* INPUT CONDITIONS:
0387 493 :*   PRCNAM STRING DESCRIPTOR LENGTH FIELD BEGINS IN
0387 494 :*   ACCESSIBLE PSECT, ENDS IN NON-ACCESSIBLE PSECT.
0387 495 :*
0387 496 :* EXPECTED RESULTS:
0387 497 :*   1) SYSTEM STATUS CODE: ACCVIO
0387 498 :*   2) REGISTERS R2 THROUGH FP UNCHANGED
0387 499 :*
0387 500 :*****
0387 501 :--
0387 502 :
00000170'EF D4 0387 503 : CLRL  PIDADR_SUS      ; MAKE SURE PRCNAM IS USED BY SUSPND
0387 504 :
0387 505 : NEXT_TEST_CASE  SFSUS22

```

```

0399 506 :
0399 507 :+
0399 508 :*****
0399 509 :*
0399 510 :* TEST CASE NAME: SFSUS22
0399 511 :*
0399 512 :* SYSTEM SERVICE: SUSPND
0399 513 :*
0399 514 :* ARGUMENT UNDER TEST: PRCNAM_SUS22
0399 515 :*
0399 516 :* INPUT CONDITIONS:
0399 517 :* PRCNAM STRING DESCRIPTOR ADDRESS FIELD IN
0399 518 :* NON-ACCESSIBLE PSECT.
0399 519 :*
0399 520 :* EXPECTED RESULTS:
0399 521 :* 1) SYSTEM STATUS CODE: ACCVIO
0399 522 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
0399 523 :*
0399 524 :*****
0399 525 :--
0399 526 :
0399 527 :
039F 528 :
03A6 529 :
03A6 530 :

```

```

00000170'EF D4
000001FC'EF 03 9A

```

```

CLRL PIDADR SUS ; MAKE SURE PRCNAM IS USED BY SUSPND
MOVZBL #3,PRCNAM_SUS22 ; ESTABLISH PRCNAM STRING LENGTH
NEXT_TEST_CASE SFSUS23

```

```

0382 531 :
0382 532 :++
0382 533 :*****
0382 534 :*
0382 535 :* TEST CASE NAME:          SFSUS23
0382 536 :*
0382 537 :* SYSTEM SERVICE:         SUSPND
0382 538 :*
0382 539 :* ARGUMENT UNDER TEST:    PRCNAM_SUS23
0382 540 :*
0382 541 :* INPUT CONDITIONS:
0382 542 :*   PRCNAM STRING DESCRIPTOR ADDRESS FIELD BEGINS IN
0382 543 :*   ACCESSIBLE PSECT, ENDS IN NON-ACCESSIBLE PSECT.
0382 544 :*
0382 545 :* EXPECTED RESULTS:
0382 546 :*   1) SYSTEM STATUS CODE: ACCVIO
0382 547 :*   2) REGISTERS R2 THROUGH FP UNCHANGED
0382 548 :*
0382 549 :*****
0382 550 :--
0382 551 :
0382 552 :
0382 553 :
0382 554 :
0382 555 :

```

```

00000170'EF D4
000001FB'EF 03 9A

```

```

CLRL  PIDADR? SUS      : MAKE SURE PRCNAM IS USED BY SUSPND
MOVZBL #3,PRCNAM_SUS23 : ESTABLISH PRCNAM STRING LENGTH
NEXT_TEST_CASE SFSUS24

```

```
03CB 556 :  
03CB 557 :++  
03CB 558 :*****  
03CB 559 :*  
03CB 560 :* TEST CASE NAME: SFSUS24  
03CB 561 :*  
03CB 562 :* SYSTEM SERVICE: SUSPND  
03CB 563 :*  
03CB 564 :* ARGUMENT UNDER TEST: PRCNAM_SUS24  
03CB 565 :*  
03CB 566 :* INPIJT CONDITIONS:  
03CB 567 :* PRCNAM STRING IN NON-ACCESSIBLE PSECT  
03CB 568 :*  
03CB 569 :* EXPECTED RESULTS:  
03CB 570 :* 1) SYSTEM STATUS CODE: ACCVIO  
03CB 571 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
03CB 572 :*  
03CB 573 :*****  
03CB 574 :--  
03CB 575 :  
00000170'EF D4 03CB 576 : CLRL PIDADR_SUS ; MAKE SURE PRCNAM IS USED BY SUSPND  
03D1 577 :  
03D1 578 : TCEND
```

SATSSF05
V04-000

- SATS SYSTEM SERVICE TESTS (FAILING ^{E 2} S. 16-SEP-1984 00:33:45 VAX/VMS Macro V04-00
5-SEP-1984 04:27:50 [UETPSY.SRC]SATSSF05.MAR;1

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SAT
V04

03D2	579	TC_GROUP	SUS,2,TS2
03F9	580		
03F9	581	NEXT_TEST_CASE	SFSUS25

```
03F9 582 :  
03F9 583 :++  
03F9 584 :*****  
03F9 585 :*  
03F9 586 :* TEST CASE NAME: SFSUS25  
03F9 587 :*  
03F9 588 :* SYSTEM SERVICE: SUSPND  
03F9 589 :*  
03F9 590 :* ARGUMENT UNDER TEST: PRCNAM_SUS25  
03F9 591 :*  
03F9 592 :* INPUT CONDITIONS:  
03F9 593 :* PRCNAM STRING BEGINS IN ACCESSIBLE PSECT,  
03F9 594 :* ENDS IN NON-ACCESSIBLE PSECT.  
03F9 595 :*  
03F9 596 :* EXPECTED RESULTS:  
03F9 597 :* 1) SYSTEM STATUS CODE: ACCVIO  
03F9 598 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
03F9 599 :*  
03F9 600 :*****  
03F9 601 :--  
03F9 602 :  
00000170'EF D4 03F9 603 : CLRL PIDADR_SUS ; MAKE SURE PRCNAM IS USED BY SUSPND  
03FF 604 :  
03FF 605 : NEXT_TEST_CASE SFSUS26
```

```
040B 606 :  
040B 607 :++  
040B 608 :*****  
040B 609 :*  
040B 610 :* TEST CASE NAME: SFSUS26  
040B 611 :*  
040B 612 :* SYSTEM SERVICE: SUSPND  
040B 613 :*  
040B 614 :* ARGUMENT UNDER TEST: PRCNAM_SUS26  
040B 615 :*  
040B 616 :* INPUT CONDITIONS:  
040B 617 :* NON-EXISTENT PROCESS NAME  
040B 618 :*  
040B 619 :* EXPECTED RESULTS:  
040B 620 :* 1) SYSTEM STATUS CODE: NONEXPR  
040B 621 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
040B 622 :*  
040B 623 :*****  
040B 624 :--  
040B 625 :  
00000170'EF D4 040B 626 : CLRL PIDADR_SUS ; MAKE SURE PRCNAM IS USED BY SUSPND  
0411 627 :  
0411 628 : NEXT_TEST_CASE SFSUS27
```



```
041D 629 :  
041D 630 :++  
041D 631 :*****  
041D 632 :*  
041D 633 :* TEST CASE NAME: SFSUS27  
041D 634 :*  
041D 635 :* SYSTEM SERVICE: SUSPND  
041D 636 :*  
041D 637 :* ARGUMENT UNDER TEST: PRCNAM_SUS27  
041D 638 :*  
041D 639 :* INPUT CONDITIONS:  
041D 640 :* INVALID PROCESS NAME (LENGTH 0)  
041D 641 :*  
041D 642 :* EXPECTED RESULTS:  
041D 643 :* 1) SYSTEM STATUS CODE: IVLOGNAM  
041D 644 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
041D 645 :*  
041D 646 :*****  
041D 647 :--  
041D 648 :  
00000170'EF D4 041D 649 : CLRL PIDADR_SUS ; MAKE SURE PRCNAM IS USED BY SUSPND  
0423 650 :  
0423 651 : NEXT_TEST_CASE SFSUS28
```

```
042F 652 :  
042F 653 :++  
042F 654 :*****  
042F 655 :*
```

```

042F 657 : * TEST CASE NAME:          SFSUS28
042F 658 : *
042F 659 : * SYSTEM SERVICE:            SUSPND
042F 660 : *
042F 661 : * ARGUMENT UNDER TEST:      PRCNAM_SUS28
042F 662 : *
042F 663 : * INPUT CONDITIONS:
042F 664 : *   INVALID PROCESS NAME (LENGTH 16)
042F 665 : *
042F 666 : * EXPECTED RESULTS:
042F 667 : *   1) SYSTEM STATUS CODE:  IVLOGNAM
042F 668 : *   2) REGISTERS R2 THROUGH FP UNCHANGED
042F 669 : *
042F 670 : *-----*
042F 671 : *
00000170'EF  D4 042F 672 :
042F 673 :   CLRL  PIDADR_SUS      ; MAKE SURE PRCNAM IS USED BY SUSPND
0435 674 :
0435 675 :   NEXT_TEST_CASE  SFSUS29
0435 676 :
0435 677 : *+-----*
0435 678 : *
0435 679 : *
0435 680 : * TEST CASE NAME:          SFSUS29
0435 681 : *
0435 682 : * SYSTEM SERVICE:            SUSPND
0435 683 : *
0435 684 : * ARGUMENT UNDER TEST:      PRCNAM_SUS29
0435 685 : *
0435 686 : * INPUT CONDITIONS:
0435 687 : *   SUSPND ISSUED FOR EXISTING PROCESS WHICH IS NOT A
0435 688 : *   SUBPROCESS OF THIS PROCESS, AND THIS PROCESS HAS
0435 689 : *   NO GROUP OR WORLD PRIVILEGE.
0435 690 : *
0435 691 : * EXPECTED RESULTS:
0435 692 : *   1) SYSTEM STATUS CODE:  NOPRIV
0435 693 : *   2) REGISTERS R2 THROUGH FP UNCHANGED
0435 694 : *
0435 695 : *-----*
0435 696 : *
0435 697 : *
0435 698 : * PRIV  REM,GROUP      ; REMOVE GROUP PRIVILEGE
0435 699 : * PRIV  REM,WORLD      ; REMOVE WORLD PRIVILEGE
0435 700 : * CLRL  PIDADR_SUS      ; MAKE SURE PRCNAM IS USED BY SUSPND
0435 701 : *
0435 702 : * TCEND
0435 703 : * TC_GROUP      RES,1,TS3
045C 704 :
045C 705 :   NEXT_TEST_CASE  SFRES10

```

```
045C 706 :  
045C 707 :++  
045C 708 :*****  
045C 709 :*  
045C 710 :* TEST CASE NAME: SFRES10  
045C 711 :*  
045C 712 :* SYSTEM SERVICE: RESUME  
045C 713 :*  
045C 714 :* ARGUMENT UNDER TEST: PIDADR_RES10  
045C 715 :*  
045C 716 :* INPUT CONDITIONS:  
045C 717 :* PIDADR FIELD AT LOCATION 1  
045C 718 :*  
045L 719 :* EXPECTED RESULTS:  
045C 720 :* 1) SYSTEM STATUS CODE: ACCVIO  
045C 721 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
045C 722 :*  
045C 723 :*****  
045C 724 :--  
045C 725 :  
045C 726 : PRIV ADD,ALL ; GET BACK SOME PRIVS REMOVED IN PRIOR T.C.  
047C 727 :  
047C 728 : NEXT_TEST_CASE SFRES11
```

```
0488 729 :  
0488 730 :++  
0488 731 :*****  
0488 732 :*  
0488 733 :* TEST CASE NAME: SFRES11  
0488 734 :*  
0488 735 :* SYSTEM SERVICE: RESUME  
0488 736 :*  
0488 737 :* ARGUMENT UNDER TEST: PIDADR_RES11  
0488 738 :*  
0488 739 :* INPUT CONDITIONS:  
0488 740 :* PIDADR FIELD IN NON-ACCESSIBLE PSECT  
0488 741 :*  
0488 742 :* EXPECTED RESULTS:  
0488 743 :* 1) SYSTEM STATUS CODE: ACCVIO  
0488 744 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
0488 745 :*  
0488 746 :*****  
0488 747 :--  
0488 748 :  
0488 749 :  
0488 750 : NEXT_TEST_CASE SFRES12
```

```
0494 751 :  
0494 752 :++  
0494 753 :*****  
0494 754 :*  
0494 755 :* TEST CASE NAME: SFRES12  
0494 756 :*  
0494 757 :* SYSTEM SERVICE: RESUME  
0494 758 :*  
0494 759 :* ARGUMENT UNDER TEST: PIDADR_RES12  
0494 760 :*  
0494 761 :* INPUT CONDITIONS:  
0494 762 :* PIDADR FIELD BEGINS IN ACCESSIBLE PSECT, ENDS  
0494 763 :* IN NON-ACCESSIBLE PSECT.  
0494 764 :*  
0494 765 :* EXPECTED RESULTS:  
0494 766 :* 1) SYSTEM STATUS CODE: ACCVIO  
0494 767 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
0494 768 :*  
0494 769 :*****  
0494 770 :--  
0494 771 :  
0494 772 :  
0494 773 : NEXT_TEST_CASE SFRES13
```

```
04A0 774 :  
04A0 775 :++  
04A0 776 :*****  
04A0 777 :*  
04A0 778 :* TEST CASE NAME: SFRES13  
04A0 779 :*  
04A0 780 :* SYSTEM SERVICE: RESUME  
04A0 781 :*  
04A0 782 :* ARGUMENT UNDER TEST: PIDADR_RES13  
04A0 783 :*  
04A0 784 :* INPUT CONDITIONS:  
04A0 785 :* INVALID PROCESS ID  
04A0 786 :*  
04A0 787 :* EXPECTED RESULTS:  
04A0 788 :* 1) SYSTEM STATUS CODE: NONEXPR  
04A0 789 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
04A0 790 :*  
04A0 791 :*****  
04A0 792 :--  
04A0 793 :  
04A0 794 : MOVL TPID,PIDADR_RES13 ; GET A VALID PID  
04AB 795 : CVTBW #-1,PIDADR_RES13 ; MAKE IT INVALID  
04B3 796 :  
04B3 797 : NEXT_TEST_CASE SFRES14
```

```
00000180'EF 00000000'EF D0  
00000180'EF FF 8F 99
```

```

04BF 798 :
04BF 799 :++
04BF 800 :*****
04BF 801 :*
04BF 802 :* TEST CASE NAME: SFRES14
04BF 803 :*
04BF 804 :* SYSTEM SERVICE: RESUME
04BF 805 :*
04BF 806 :* ARGUMENT UNDER TEST: PIDADR_RES14
04BF 807 :*
04BF 808 :* INPUT CONDITIONS:
04BF 809 :* VALID, NON-EXISTENT PROCESS ID
04BF 810 :*
04BF 811 :* EXPECTED RESULTS:
04BF 812 :* 1) SYSTEM STATUS CODE: NONEXPR
04BF 813 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
04BF 814 :*
04BF 815 :*****
04BF 816 :--
04BF 817 :
04BF 818 : MOVL TPID,PIDADR_RES14 ; GET AN EXISTENT PID
04CA 819 : MOVW #6000,PIDADR_RES14+2 ; MAKE IT NON-EXISTENT
04D3 820 :
04D3 821 : NEXT_TEST_CASE SFRES20

```

```

00000184'EF 00000000'EF DO
00000186'EF 1770 8F BO

```



```
04DF 822 :  
04DF 823 :++  
04DF 824 :*****  
04DF 825 :*  
04DF 826 :* TEST CASE NAME: SFRES20  
04DF 827 :*  
04DF 828 :* SYSTEM SERVICE: RESUME  
04DF 829 :*  
04DF 830 :* ARGUMENT UNDER TEST: PRCNAM_RES20  
04DF 831 :*  
04DF 832 :* INPUT CONDITIONS:  
04DF 833 :* PRCNAM STRING DESCRIPTOR LENGTH FIELD IN  
04DF 834 :* NON-ACCESSIBLE PSECT.  
04DF 835 :*  
04DF 836 :* EXPECTED RESULTS:  
04DF 837 :* 1) SYSTEM STATUS CODE ACCVIO  
04DF 838 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
04DF 839 :*  
04DF 840 :*****  
04DF 841 :--  
04DF 842 :  
0000017C'EF D4 04DF 843 : CLRL PIDADR_RES ; MAKE SURE PRCNAM IS USED BY RESUME  
04E5 844 :  
04E5 845 : NEXT_TEST_CASE SFRES21
```

```
04F1 846 :
04F1 847 :++
04F1 848 :*****
04F1 849 :*
04F1 850 :* TEST CASE NAME: SFRES21
04F1 851 :*
04F1 852 :* SYSTEM SERVICE: RESUME
04F1 853 :*
04F1 854 :* ARGUMENT UNDER TEST: PRCNAM_RES21
04F1 855 :*
04F1 856 :* INPUT CONDITIONS:
04F1 857 :* PRCNAM STRING DESCRIPTOR LENGTH FIELD BEGINS IN
04F1 858 :* ACCESSIBLE PSECT, ENDS IN NON-ACCESSIBLE PSECT.
04F1 859 :*
04F1 860 :* EXPECTED RESULTS:
04F1 861 :* 1) SYSTEM STATUS CODE: ACCVIO
04F1 862 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
04F1 863 :*
04F1 864 :*****
04F1 865 :--
04F1 866 :
0000017C'EF D4 04F1 867 : CLRL PIDADR_RES ; MAKE SURE PRCNAM IS USED BY RESUME
04F7 868 :
04F7 869 : NEXT_TEST_CASE SFRES22
```

```
0503 870 :  
0503 871 :++  
0503 872 :*****  
0503 873 :*  
0503 874 :* TEST CASE NAME: SFRES22  
0503 875 :*  
0503 876 :* SYSTEM SERVICE: RESUME  
0503 877 :*  
0503 878 :* ARGUMENT UNDER TEST: PRCNAM_RES22  
0503 879 :*  
0503 880 :* INPUT CONDITIONS:  
0503 881 :* PRCNAM STRING DESCRIPTOR ADDRESS FIELD IN  
0503 882 :* NON-ACCESSIBLE PSECT.  
0503 883 :*  
0503 884 :* EXPECTED RESULTS:  
0503 885 :* 1) SYSTEM STATUS CODE: ACCVIO  
0503 886 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
0503 887 :*  
0503 888 :*****  
0503 889 :--  
0503 890 :  
0503 891 : CLRL PIDADR RES ; MAKE SURE PRCNAM IS USED BY RESUME  
0509 892 : MOVZBL #3,PRCNAM_RES22 ; ESTABLISH PRCNAM STRING LENGTH  
0510 893 :  
0510 894 : NEXT_TEST_CASE SFRES23
```

```
0000017C'EF D4  
000001FC'EF 03 9A
```

```
051C 895 :  
051C 896 :++  
051C 897 :*****  
051C 898 :*  
051C 899 :* TEST CASE NAME: SFRES23  
051C 900 :*  
051C 901 :* SYSTEM SERVICE: RESUME  
051C 902 :*  
051C 903 :* ARGUMENT UNDER TEST: PRCNAM_RES23  
051C 904 :*  
051C 905 :* INPUT CONDITIONS:  
051C 906 :* PRCNAM STRING DESCRIPTOR ADDRESS FIELD BEGINS IN  
051C 907 :* ACCESSIBLE PSECT, ENDS IN NON-ACCESSIBLE PSECT.  
051C 908 :*  
051C 909 :* EXPECTED RESULTS:  
051C 910 :* 1) SYSTEM STATUS CODE: ACCVIO  
051C 911 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
051C 912 :*  
051C 913 :*****  
051C 914 :--  
051C 915 :  
0000017C'EF D4 051C 916 : CLRRL PIDADR RES ; MAKE SURE PRCNAM IS USED BY RESUME  
000001FB'EF 03 9A 0522 917 : MOVZBL #3,PRCNAM_RES23 ; ESTABLISH PRCNAM STRING LENGTH  
0529 918 :  
0529 919 : NEXT_TEST_CASE SFRES24
```

```

0535 920 :
0535 921 :++
0535 922 :*****
0535 923 :*
0535 924 :* TEST CASE NAME: SFRES24
0535 925 :*
0535 926 :* SYSTEM SERVICE: RESUME
0535 927 :*
0535 928 :* ARGUMENT UNDER TEST: PRCNAM_RES24
0535 929 :*
0535 930 :* INPUT CONDITIONS:
0535 931 :* PRCNAM STRING IN NON-ACCESSIBLE PSECT
0535 932 :*
0535 933 :* EXPECTED RESULTS:
0535 934 :* 1) SYSTEM STATUS CODE: ACCVIO
0535 935 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
0535 936 :*
0535 937 :*****
0535 938 :--
0535 939 :
0000017C'EF D4 0535 940 : CLRL PIDADR_RES ; MAKE SURE PRCNAM IS USED BY RESUME
053B 941 :
053B 942 : TCEND

```

SATSSF05
V04-000

- SATS SYSTEM SERVICE TESTS (FAILING S. ^{H 3} 16-SEP-1984 00:33:45 VAX/VMS Macro V04-00
5-SEP-1984 04:27:50 [UETPSY.SRC]SATSSF05.MAR;1

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0530	943	TC_GROUP	RES,2,TS4
0563	944 :		
0563	945	NEXT_TEST_CASE	SFRES25

```
0563 946 :  
0563 947 :++  
0563 948 :*****  
0563 949 :*  
0563 950 :* TEST CASE NAME: SFRES25  
0563 951 :*  
0563 952 :* SYSTEM SERVICE: RESUME  
0563 953 :*  
0563 954 :* ARGUMENT UNDER TEST: PRCNAM_RES25  
0563 955 :*  
0563 956 :* INPUT CONDITIONS:  
0563 957 :* PRCNAM STRING BEGINS IN ACCESSIBLE PSECT,  
0563 958 :* ENDS IN NON-ACCESSIBLE PSECT.  
0563 959 :*  
0563 960 :* EXPECTED RESULTS:  
0563 961 :* 1) SYSTEM STATUS CODE: ACCVIO  
0563 962 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
0563 963 :*  
0563 964 :*****  
0563 965 :--  
0563 966 :  
0000017C'EF D4 0563 967 : CLRL PIDADR_RES ; MAKE SURE PRCNAM IS USED BY RESUME  
0569 968 :  
0569 969 : NEXT_TEST_CASE SFRES26
```

```

0575 970 :
0575 971 :++
0575 972 :*****
0575 973 :*
0575 974 :* TEST CASE NAME: SFRES26
0575 975 :*
0575 976 :* SYSTEM SERVICE: RESUME
0575 977 :*
0575 978 :* ARGUMENT UNDER TEST: PRCNAM_RES26
0575 979 :*
0575 980 :* INPUT CONDITIONS:
0575 981 :* NON-EXISTENT PROCESS NAME
0575 982 :*
0575 983 :* EXPECTED RESULTS:
0575 984 :* 1) SYSTEM STATUS CODE: NONEXPR
0575 985 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
0575 986 :*
0575 987 :*****
0575 988 :--
0575 989 :
0000017C'EF D4 0575 990 : CLR   PIDADR_RES ; MAKE SURE PRCNAM IS USED BY RESUME
057B 991 :
057B 992 : NEXT_TEST_CASE SFRES27

```



```
0587 993 :  
0587 994 :++  
0587 995 :*****  
0587 996 :*  
0587 997 :* TEST CASE NAME: SFRES27  
0587 998 :*  
0587 999 :* SYSTEM SERVICE: RESUME  
0587 1000 :*  
0587 1001 :* ARGUMENT UNDER TEST: PRCNAM_RES27  
0587 1002 :*  
0587 1003 :* INPUT CONDITIONS:  
0587 1004 :* INVALID PROCESS NAME (LENGTH 0)  
0587 1005 :*  
0587 1006 :* EXPECTED RESULTS:  
0587 1007 :* 1) SYSTEM STATUS CODE: IVLOGNAM  
0587 1008 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
0587 1009 :*  
0587 1010 :*****  
0587 1011 :--  
0587 1012 :  
0000017C'EF D4 0587 1013 : CLRL PIDADR_RES ; MAKE SURE PRCNAM IS USED BY RESUME  
058D 1014 :  
058D 1015 : NEXT_TEST_CASE SFRES28
```

```
0599 1016 :  
0599 1017 :++  
0599 1018 :*****  
0599 1019 :*  
0599 1020 :* TEST CASE NAME: SFRES28  
0599 1021 :*  
0599 1022 :* SYSTEM SERVICE: RESUME  
0599 1023 :*  
0599 1024 :* ARGUMENT UNDER TEST: PRCNAM_RES28  
0599 1025 :*  
0599 1026 :* INPUT CONDITIONS:  
0599 1027 :* INVALID PROCESS NAME (LENGTH 16)  
0599 1028 :*  
0599 1029 :* EXPECTED RESULTS:  
0599 1030 :* 1) SYSTEM STATUS CODE: IVLOGNAM  
0599 1031 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
0599 1032 :*  
0599 1033 :*****  
0599 1034 :--  
0000017C'EF 04 0599 1035 :  
0599 1036 : CLRL PIDADR_RES ; MAKE SURE PRCNAM IS USED BY RESUME  
059F 1037 :  
059F 1038 : NEXT_TEST_CASE SFRES29  
059F 1039 :  
059F 1040 :++  
059F 1041 :*****  
059F 1042 :*  
059F 1043 :* TEST CASE NAME: SFRES29  
059F 1044 :*  
059F 1045 :* SYSTEM SERVICE: RESUME  
059F 1046 :*  
059F 1047 :* ARGUMENT UNDER TEST: PRCNAM_RES29  
059F 1048 :*  
059F 1049 :* INPUT CONDITIONS:  
059F 1050 :* RESUME ISSUED FOR EXISTING PROCESS WHICH IS NOT A  
059F 1051 :* SUBPROCESS OF THIS PROCESS, AND THIS PROCESS HAS  
059F 1052 :* NO GROUP OR WORLD PRIVILEGE.  
059F 1053 :*  
059F 1054 :* EXPECTED RESULTS:  
059F 1055 :* 1) SYSTEM STATUS CODE: NOPRIV  
059F 1056 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
059F 1057 :*  
059F 1058 :*****  
059F 1059 :--  
059F 1060 :  
059F 1061 : PRIV REM,GROUP ; REMOVE GROUP PRIVILEGE  
059F 1062 : PRIV REM,WORLD ; REMOVE WORLD PRIVILEGE  
059F 1063 : CLRL PIDADR_RES ; MAKE SURE PRCNAM IS USED BY RESUME  
059F 1064 :  
059F 1065 : TCEND  
059F 1066 : TC_GROUP SWK,1,TSS  
05C6 1067 :  
05C6 1068 : NEXT_TEST_CASE SFSWK10
```

```
05C6 1069 :  
05C6 1070 :++  
05C6 1071 :*****  
05C6 1072 :*  
05C6 1073 :* TEST CASE NAME: SFSWK10  
05C6 1074 :*  
05C6 1075 :* SYSTEM SERVICE: SCHDWK  
05C6 1076 :*  
05C6 1077 :* ARGUMENT UNDER TEST: PIDADR_SWK10  
05C6 1078 :*  
05C6 1079 :* INPUT CONDITIONS:  
05C6 1080 :* PIDADR FIELD AT LOCATION 1  
05C6 1081 :*  
05C6 1082 :* EXPECTED RESULTS:  
05C6 1083 :* 1) SYSTEM STATUS CODE: ACCVIO  
05C6 1084 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
05C6 1085 :*  
05C6 1086 :*****  
05C6 1087 :--  
05C6 1088 :  
05C6 1089 : PRIV ADD,ALL ; GET BACK SOME PRIVS REMOVED BY PRIOR T.C.  
05E6 1090 :  
05E6 1091 : NEXT_TEST_CASE SFSWK11
```

```
05F2 1092 :  
05F2 1093 :++  
05F2 1094 :*****  
05F2 1095 :*  
05F2 1096 :* TEST CASE NAME: SFSWK11  
05F2 1097 :*  
05F2 1098 :* SYSTEM SERVICE: SCHDWK  
05F2 1099 :*  
05F2 1100 :* ARGUMENT UNDER TEST: PIDADR_SWK11  
05F2 1101 :*  
05F2 1102 :* INPUT CONDITIONS:  
05F2 1103 :* PIDADR FIELD IN NON-ACCESSIBLE PSECT  
05F2 1104 :*  
05F2 1105 :* EXPECTED RESULTS:  
05F2 1106 :* 1) SYSTEM STATUS CODE: ACCVIO  
05F2 1107 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
05F2 1108 :*  
05F2 1109 :*****  
05F2 1110 :--  
05F2 1111 :  
05F2 1112 :  
05F2 1113 : NEXT_TEST_CASE SFSWK12
```

```
05FE 1114 :  
05FE 1115 :++  
05FE 1116 :*****  
05FE 1117 :*  
05FE 1118 :* TEST CASE NAME: SFSWK12  
05FE 1119 :*  
05FE 1120 :* SYSTEM SERVICE: SCHDWK  
05FE 1121 :*  
05FE 1122 :* ARGUMENT UNDER TEST: PIDADR_SWK12  
05FE 1123 :*  
05FE 1124 :* INPUT CONDITIONS:  
05FE 1125 :* PIDADR FIELD BEGINS IN ACCESSIBLE PSECT, ENDS  
05FE 1126 :* IN NON-ACCESSIBLE PSECT.  
05FE 1127 :*  
05FE 1128 :* EXPECTED RESULTS:  
05FE 1129 :* 1) SYSTEM STATUS CODE: ACCVIO  
05FE 1130 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
05FE 1131 :*  
05FE 1132 :*****  
05FE 1133 :--  
05FE 1134 :  
05FE 1135 :  
05FE 1136 : NEXT_TEST_CASE SFSWK13
```

```
060A 1137 :  
060A 1138 :++  
060A 1139 :*****  
060A 1140 :*  
060A 1141 :* TEST CASE NAME: SFSWK13  
060A 1142 :*  
060A 1143 :* SYSTEM SERVICE: SCHDWK  
060A 1144 :*  
060A 1145 :* ARGUMENT UNDER TEST: PIDADR_SWK13  
060A 1146 :*  
060A 1147 :* INPUT CONDITIONS:  
060A 1148 :* INVALID PROCESS ID  
060A 1149 :*  
060A 1150 :* EXPECTED RESULTS:  
060A 1151 :* 1) SYSTEM STATUS CODE: NONEXPR  
060A 1152 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
060A 1153 :*  
060A 1154 :*****  
060A 1155 :--  
060A 1156 :  
060A 1157 :  
0615 1158 : MOVL TPID,PIDADR_SWK13 ; GET A VALID PID  
061D 1159 : CVTBW #-1,PIDADR_SWK13 ; MAKE IT INVALID  
061D 1160 : NEXT_TEST_CASE SFSWK14
```

```
0000018C'EF 00000000'EF D0  
0000018C'EF FF 8F 99
```

```

0629 1161 :
0629 1162 :++
0629 1163 :*****
0629 1164 :*
0629 1165 :* TEST CASE NAME:          SFSWK14
0629 1166 :*
0629 1167 :* SYSTEM SERVICE:         SCHDWK
0629 1168 :*
0629 1169 :* ARGUMENT UNDER TEST:   PIDADR_SWK14
0629 1170 :*
0629 1171 :* INPUT CONDITIONS:
0629 1172 :*   VALID, NON-EXISTENT PROCESS ID
0629 1173 :*
0629 1174 :* EXPECTED RESULTS:
0629 1175 :*   1) SYSTEM STATUS CODE: NONEXPR
0629 1176 :*   2) REGISTERS R2 THROUGH FP UNCHANGED
0629 1177 :*
0629 1178 :*****
0629 1179 :--
0629 1180 :
0629 1181 :   MOVL   TPID,PIDADR_SWK14 ; GET AN EXISTENT PID
0634 1182 :   MOVW   #6000,PIDADR_SWK14+2 ; MAKE IT NON-EXISTENT
063D 1183 :
063D 1184 :   NEXT_TEST_CASE  SFSWK20

```

```

00000190'EF  00000000'EF  D0
00000192'EF  1770 8F    B0

```

```
0649 1185 :  
0649 1186 : *  
0649 1187 : *  
0649 1188 : *  
0649 1189 : * TEST CASE NAME: SFSWK20  
0649 1190 : *  
0649 1191 : * SYSTEM SERVICE: SCHDWK  
0649 1192 : *  
0649 1193 : * ARGUMENT UNDER TEST: PRCNAM_SWK20  
0649 1194 : *  
0649 1195 : * INPUT CONDITIONS:  
0649 1196 : * PRCNAM STRING DESCRIPTOR LENGTH FIELD IN  
0649 1197 : * NON-ACCESSIBLE PSECT.  
0649 1198 : *  
0649 1199 : * EXPECTED RESULTS:  
0649 1200 : * 1) SYSTEM STATUS CODE: ACCVIO  
0649 1201 : * 2) REGISTERS R2 THROUGH FP UNCHANGED  
0649 1202 : *  
0649 1203 : *  
0649 1204 : *  
00000188'EF D4 0649 1205 :  
0649 1206 : CLRL PIDADR_SWK ; MAKE SURE PRCNAM IS USED BY SCHDWK  
064F 1207 :  
064F 1208 : NEXT_TEST_CASE SFSWK21
```



```

065B 1209 :
065B 1210 :
065B 1211 :
065B 1212 :
065B 1213 : * TEST CASE NAME:          SFSWK21
065B 1214 : *
065B 1215 : * SYSTEM SERVICE:        SCHDWK
065B 1216 : *
065B 1217 : * ARGUMENT UNDER TEST:   PRCNAM_SWK21
065B 1218 : *
065B 1219 : * INPUT CONDITIONS:
065B 1220 : *   PRCNAM STRING DESCRIPTOR LENGTH FIELD BEGINS IN
065B 1221 : *   ACCESSIBLE PSECT, ENDS IN NON-ACCESSIBLE PSECT.
065B 1222 : *
065B 1223 : * EXPECTED RESULTS:
065B 1224 : *   1) SYSTEM STATUS CODE: ACCVIO
065B 1225 : *   2) REGISTERS R2 THROUGH FP UNCHANGED
065B 1226 : *
065B 1227 : *
065B 1228 : *
065B 1229 : *
065B 1230 : *
0661 1231 :
0661 1232 :

```

00000188'EF D4

```

CLRL  PIDADR_SWK      ; MAKE SURE PRCNAM IS USED BY SCHDWK
NEXT_TEST_CASE  SFSWK22

```

00000188'EF D4
000001FC'EF 03 9A

```

066D 1237 :
066D 1238 :++
066D 1239 :*****
066D 1240 :*
066D 1241 :*   TEST CASE NAME:          SFSWK22
066D 1242 :*
066D 1243 :*   SYSTEM SERVICE:         SCHDWK
066D 1244 :*
066D 1245 :*   ARGUMENT UNDER TEST:   PRCNAM_SWK22
066D 1246 :*
066D 1247 :*   INPUT CONDITIONS:
066D 1248 :*     PRCNAM STRING DESCRIPTOR ADDRESS FIELD IN
066D 1249 :*     NON-ACCESSIBLE PSECT.
066D 1250 :*
066D 1251 :*   EXPECTED RESULTS:
066D 1252 :*     1) SYSTEM STATUS CODE: ACCVIO
066D 1253 :*     2) REGISTERS R2 THROUGH FP UNCHANGED
066D 1254 :*****
066D 1255 :--
067A 1256 :
067A 1257 :
          CLRL  PIDADR SWK      ; MAKE SURE PRCNAM IS USED BY SCHDWK
          MOVZBL #3,PRCNAM_SWK22 ; ESTABLISH PRCNAM STRING LENGTH
          NEXT_TEST_CASE SFSWK23

```

```

0686 1258 :
0686 1259 :++
0686 1260 :*****
0686 1261 :*
0686 1262 :* TEST CASE NAME:          SFSWK23
0686 1263 :*
0686 1264 :* SYSTEM SERVICE:         SCHDWK
0686 1265 :*
0686 1266 :* ARGUMENT UNDER TEST:   PRCNAM_SWK23
0686 1267 :*
0686 1268 :* INPUT CONDITIONS:
0686 1269 :*   PRCNAM STRING DESCRIPTOR ADDRESS FIELD BEGINS IN
0686 1270 :*   ACCESSIBLE PSECT, ENDS IN NON-ACCESSIBLE PSECT.
0686 1271 :*
0686 1272 :* EXPECTED RESULTS:
0686 1273 :*   1) SYSTEM STATUS CODE: ACCVIO
0686 1274 :*   2) REGISTERS R2 THROUGH FP UNCHANGED
0686 1275 :*
0686 1276 :*****
0686 1277 :--
0686 1278 :
0686 1279 :
068C 1280 :
0693 1281 :
0693 1282 :

```

```

00000188'EF D4
000001FB'EF 03 9A

```

```

CLRL  PIDADR SWK ; MAKE SURE PRCNAM IS USED BY SCHDWK
MOVZBL #3,PRCNAM_SWK23 ; ESTABLISH PRCNAM STRING LENGTH
NEXT_TEST_CASE SFSWK24

```

```
069F 1283 :  
069F 1284 :++  
069F 1285 :*****  
069F 1286 :*  
069F 1287 :* TEST CASE NAME: SFSWK24  
069F 1288 :*  
069F 1289 :* SYSTEM SERVICE: SCHDWK  
069F 1290 :*  
069F 1291 :* ARGUMENT UNDER TEST: PRCNAM_SWK24  
069F 1292 :*  
069F 1293 :* INPUT CONDITIONS:  
069F 1294 :* PRCNAM STRING IN NON-ACCESSIBLE PSECT  
069F 1295 :*  
069F 1296 :* EXPECTED RESULTS:  
069F 1297 :* 1) SYSTEM STATUS CODE: AC^VIO  
069F 1298 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
069F 1299 :*  
069F 1300 :*****  
069F 1301 :--  
069F 1302 :  
00000188'EF D4 069F 1303 : CLRL PIDADR_SWK ; MAKE SURE PRCNAM IS USED BY SCHDWK  
06A5 1304 :  
06A5 1305 : NEXT_TEST_CASE SFSWK30
```

```
0681 1306 :  
0681 1307 :++  
0681 1308 :*****  
0681 1309 :*  
0681 1310 :* TEST CASE NAME: SFSWK30  
0681 1311 :*
```

```
06B1 1313 : * SYSTEM SERVICE: SCHDWK
06B1 1314 : *
06B1 1315 : * ARGUMENT UNDER TEST: DAYTIM_SWK30
06B1 1316 : *
06B1 1317 : * INPUT CONDITIONS:
06B1 1318 : * EXPIRATION TIME FIELD AT LOCATION 0
06B1 1319 : *
06B1 1320 : * EXPECTED RESULTS:
06B1 1321 : * 1) SYSTEM STATUS CODE: ACCVIO
06B1 1322 : * 2) REGISTERS R2 THROUGH FP UNCHANGED
06B1 1323 : *
06B1 1324 : *-----*
06B1 1325 : *
00000188'EF D4 06B1 1326 :
06B1 1327 : CLRL PIDADR_SWK ; LET SCHDWK USE PRCNAM
06B7 1328 :
06B7 1329 : NEXT_TEST_CASE SFSWK31
```

```
06C3 1330 :
06C3 1331 :++
06C3 1332 :*****
06C3 1333 :*
06C3 1334 :* TEST CASE NAME:          SFSWK31
06C3 1335 :*
06C3 1336 :* SYSTEM SERVICE:          SCHDWK
06C3 1337 :*
06C3 1338 :* ARGUMENT UNDER TEST:     DAYTIM_SWK31
06C3 1339 :*
06C3 1340 :* INPUT CONDITIONS:
06C3 1341 :*   EXPIRATION TIME FIELD IN NON-ACCESSIBLE PSECT
06C3 1342 :*
06C3 1343 :* EXPECTED RESULTS:
06C3 1344 :*   1) SYSTEM STATUS CODE: ACCVIO
06C3 1345 :*   2) REGISTERS R2 THROUGH FP UNCHANGED
06C3 1346 :*
06C3 1347 :*****
06C3 1348 :--
06C3 1349 :
00000188'EF D4 06C3 1350 : CLRL  PIDADR_SWK      ; LET SCHDWK USE PRCNAM
06C9 1351 :
06C9 1352 : NEXT_TEST_CASE  SFSWK32
```

```
06D5 1353 :
06D5 1354 :++
06D5 1355 :*****
06D5 1356 :*
06D5 1357 :* TEST CASE NAME:          SFSWK32
06D5 1358 :*
06D5 1359 :* SYSTEM SERVICE:          SCHDWK
06D5 1360 :*
06D5 1361 :* ARGUMENT UNDER TEST:     DAYTIM_SWK32
06D5 1362 :*
06D5 1363 :* INPUT CONDITIONS:
06D5 1364 :*   EXPIRATION TIME FIELD BEGINS IN ACCESSIBLE PSECT,
06D5 1365 :*   ENDS IN NON-ACCESSIBLE PSECT.
06D5 1366 :*
06D5 1367 :* EXPECTED RESULTS:
06D5 1368 :*   1) SYSTEM STATUS CODE: ACCVIO
06D5 1369 :*   2) REGISTERS R2 THROUGH FP UNCHANGED
06D5 1370 :*
06D5 1371 :*****
06D5 1372 :--
06D5 1373 :
00000188'EF D4 06D5 1374 : CLRL  PIDADR_SWK      ; LET SCHDWK USE PRCNAM
06DB 1375 :
06DB 1376 : NEXT_TEST_CASE  SFSWK40
```



```
06E7 1377 :  
06E7 1378 :++  
06E7 1379 :*****  
06E7 1380 :*  
06E7 1381 :* TEST CASE NAME: SFSWK40  
06E7 1382 :*  
06E7 1383 :* SYSTEM SERVICE: SCHDWK  
06E7 1384 :*  
06E7 1385 :* ARGUMENT UNDER TEST: REPTIM_SWK40  
06E7 1386 :*  
06E7 1387 :* INPUT CONDITIONS:  
06E7 1388 :* REPEAT TIME FIELD AT LOCATION 1  
06E7 1389 :*  
06E7 1390 :* EXPECTED RESULTS:  
06E7 1391 :* 1) SYSTEM STATUS CODE: ACCVIO  
06E7 1392 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
06E7 1393 :*  
06E7 1394 :*****  
06E7 1395 :--  
06E7 1396 :  
00000188'EF D4 06E7 1397 : CLR L PIDADR_SWK ; LET SCHDWK USE PRCNAM  
06ED 1398 :  
06ED 1399 : NEXT_TEST_CASE SFSWK41
```

```
06F9 1400 :  
06F9 1401 :++  
06F9 1402 :*****  
06F9 1403 :*  
06F9 1404 :* TEST CASE NAME: SFSWK41  
06F9 1405 :*  
06F9 1406 :* SYSTEM SERVICE: SCHDWK  
06F9 1407 :*  
06F9 1408 :* ARGUMENT UNDER TEST: REPTIM_SWK41  
06F9 1409 :*  
06F9 1410 :* INPUT CONDITIONS:  
06F9 1411 :* REPEAT TIME FIELD IN NON-ACCESSIBLE PSECT  
06F9 1412 :*  
06F9 1413 :* EXPECTED RESULTS:  
06F9 1414 :* 1) SYSTEM STATUS CODE: ACCVIO  
06F9 1415 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
06F9 1416 :*  
06F9 1417 :*****  
06F9 1418 :--  
00000188'EF D4 06F9 1419 :  
06F9 1420 : CLRL PIDADR_SWK ; LET SCHDWK USE PRCNAM  
06FF 1421 :  
06FF 1422 : NEXT_TEST_CASE SFSWK42
```

```
070B 1423 :  
070B 1424 :++  
070B 1425 :*****  
070B 1426 :*  
070B 1427 :* TEST CASE NAME:          SFSWK42  
070B 1428 :*  
070B 1429 :* SYSTEM SERVICE:          SCHDWK  
070B 1430 :*  
070B 1431 :* ARGUMENT UNDER TEST:     REPTIM_SWK42  
070B 1432 :*  
070B 1433 :* INPUT CONDITIONS:  
070B 1434 :* REPEAT TIME FIELD BEGINS IN ACCESSIBLE PSECT,  
070B 1435 :* ENDS IN NON-ACCESSIBLE PSECT.  
070B 1436 :*  
070B 1437 :* EXPECTED RESULTS:  
070B 1438 :* 1) SYSTEM STATUS CODE: ACCVIO  
070B 1439 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
070B 1440 :*  
070B 1441 :*****  
070B 1442 :--  
070B 1443 :  
00000188'EF D4 070B 1444 : CLRL  PIDADR_SWK      ; LET SCHDWK USE PRCNAM  
0711 1445 :  
0711 1446 : NEXT_TEST_CASE  SFSWK43
```

```
0710 1447 :  
0710 1448 :++  
0710 1449 :*****  
0710 1450 :*  
0710 1451 :* TEST CASE NAME:          SFSWK43  
0710 1452 :*  
0710 1453 :* SYSTEM SERVICE:          SCHDWK  
0710 1454 :*  
0710 1455 :* ARGUMENT UNDER TEST:     REPTIM_SWK43  
0710 1456 :*  
0710 1457 :* INPUT CONDITIONS:  
0710 1458 :*   INVALID (POSITIVE) REPEAT TIME VALUE (= 1)  
0710 1459 :*  
0710 1460 :* EXPECTED RESULTS:  
0710 1461 :*   1) SYSTEM STATUS CODE:  IVTIME  
0710 1462 :*   2) REGISTERS R2 THROUGH FP UNCHANGED  
0710 1463 :*  
0710 1464 :******  
0710 1465 :--  
00000188'EF  D4 0710 1466 :  
0723 1467 :   CLRL  PIDADR_SWK      ; LET SCHDWK USE PRCNAM  
0723 1468 :  
0723 1469 :   NEXT_TEST_CASE  SFSWK44
```

```
072F 1470 :  
072F 1471 :+  
072F 1472 :*****  
072F 1473 :*  
072F 1474 :* TEST CASE NAME:          SFSWK44  
072F 1475 :*  
072F 1476 :* SYSTEM SERVICE:         SCHDWK  
072F 1477 :*  
072F 1478 :* ARGUMENT UNDER TEST:    REPTIM_SWK44  
072F 1479 :*  
072F 1480 :* INPUT CONDITIONS:  
072F 1481 :*   INVALID (LARGE POSITIVE) REPEAT TIME VALUE  
072F 1482 :*  
072F 1483 :* EXPECTED RESULTS:  
072F 1484 :*   1) SYSTEM STATUS CODE:  IVTIME  
072F 1485 :*   2) REGISTERS R2 THROUGH FP UNCHANGED  
072F 1486 :*  
072F 1487 :*****  
072F 1488 :--  
072F 1489 :  
00000188'EF D4 072F 1490 :   CLRL  PIDADR_SWK      ; LET SCHDWK USE PRCNAM  
0735 1491 :  
0735 1492 :   TCEND
```

SATSSF05
V04-000

- SATS SYSTEM SERVICE TESTS (FAILING S. ^{F 5} 16-SEP-1984 00:33:45 VAX/VMS Macro V04-00 Page 59
5-SEP-1984 04:27:50 [UETPSY.SRC]SATSSF05.MAR;1 (3)

0736	1493	TC_GROUP	SWK,2,TS6
075D	1494		
075D	1495	NEXT_TEST_CASE	SFSWK25

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075D 1496 :  
075D 1497 :++  
075D 1498 :*****  
075D 1499 :*  
075D 1500 :* TEST CASE NAME: SFSWK25  
075D 1501 :*  
075D 1502 :* SYSTEM SERVICE: SCHDWK  
075D 1503 :*  
075D 1504 :* ARGUMENT UNDER TEST: PRCNAM_SWK25  
075D 1505 :*  
075D 1506 :* INPUT CONDITIONS:  
075D 1507 :* PRCNAM STRING BEGINS IN ACCESSIBLE PSECT,  
075D 1508 :* ENDS IN NON-ACCESSIBLE PSECT.  
075D 1509 :*  
075D 1510 :* EXPECTED RESULTS:  
075D 1511 :* 1) SYSTEM STATUS CODE: ACCVIO  
075D 1512 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
075D 1513 :*  
075D 1514 :*****  
075D 1515 :--  
075D 1516 :  
00000188'EF D4 075D 1517 : CLRL PIDADR_SWK ; MAKE SURE PRCNAM IS USED BY SCHDWK  
0763 1518 :  
0763 1519 : NEXT_TEST_CASE SFSWK26
```

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076F 1520 :  
076F 1521 :++  
076F 1522 :*****  
076F 1523 :*  
076F 1524 :* TEST CASE NAME: SFSWK26  
076F 1525 :*  
076F 1526 :* SYSTEM SERVICE: SCHDWK  
076F 1527 :*  
076F 1528 :* ARGUMENT UNDER TEST: PRCNAM_SWK26  
076F 1529 :*  
076F 1530 :* INPUT CONDITIONS:  
076F 1531 :* NON-EXISTENT PROCESS NAME  
076F 1532 :*  
076F 1533 :* EXPECTED RESULTS:  
076F 1534 :* 1) SYSTEM STATUS CODE: NONEXPR  
076F 1535 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
076F 1536 :*  
076F 1537 :*****  
076F 1538 :--  
076F 1539 :  
0000188'EF D4 076F 1540 : CLRL PIDADR_SWK ; MAKE SURE PRCNAM IS USED BY SCHDWK  
0775 1541 :  
0775 1542 : NEXT_TEST_CASE SFSWK27
```



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0781 1543 :  
0781 1544 :++  
0781 1545 :*****  
0781 1546 :*  
0781 1547 :* TEST CASE NAME:          SFSWK27  
0781 1548 :*  
0781 1549 :* SYSTEM SERVICE:         SCHDWK  
0781 1550 :*  
0781 1551 :* ARGUMENT UNDER TEST:    PRCNAM_SWK27  
0781 1552 :*  
0781 1553 :* INPUT CONDITIONS:  
0781 1554 :*   INVALID PROCESS NAME (LENGTH 0)  
0781 1555 :*  
0781 1556 :* EXPECTED RESULTS:  
0781 1557 :*   1) SYSTEM STATUS CGDE:  IVLOGNAM  
0781 1558 :*   2) REGISTERS R2 THROUGH FP UNCHANGED  
0781 1559 :*  
0781 1560 :*****  
0781 1561 :--  
0781 1562 :  
0781 1563 : CLRL  PIDADR_SWK      ; MAKE SURE PRCNAM IS USED BY SCHDWK  
0787 1564 :  
0787 1565 : NEXT_TEST_CASE  SFSWK28
```

00000188'EF D4

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0793 1566 :
0793 1567 :++
0793 1568 :*****
0793 1569 :*
0793 1570 :* TEST CASE NAME:          SFSWK28
0793 1571 :*
0793 1572 :* SYSTEM SERVICE:         SCHDWK
0793 1573 :*
0793 1574 :* ARGUMENT UNDER TEST:   PRCNAM_SWK28
0793 1575 :*
0793 1576 :* INPUT CONDITIONS:
0793 1577 :*   INVALID PROCESS NAME (LENGTH 16)
0793 1578 :*
0793 1579 :* EXPECTED RESULTS:
0793 1580 :*   1) SYSTEM STATUS CODE: IVLOGNAM
0793 1581 :*   2) REGISTERS R2 THROUGH FP UNCHANGED
0793 1582 :*
0793 1583 :*****
0793 1584 :--
00000188'EF D4 0793 1586 :      CLRL  PIDADR_SWK      ; MAKE SURE PRCNAM IS USED BY SCHDWK
0799 1587 :
0799 1588 :      NEXT_TEST_CASE  SFSWK29
0799 1589 :
0799 1590 :++
0799 1591 :*****
0799 1592 :*
0799 1593 :* TEST CASE NAME:          SFSWK29
0799 1594 :*
0799 1595 :* SYSTEM SERVICE:         SCHDWK
0799 1596 :*
0799 1597 :* ARGUMENT UNDER TEST:   PRCNAM_SWK29
0799 1598 :*
0799 1599 :* INPUT CONDITIONS:
0799 1600 :*   SCHDWK ISSUED FOR EXISTING PROCESS WHICH IS NOT A
0799 1601 :*   SUBPROCESS OF THIS PROCESS, AND THIS PROCESS HAS
0799 1602 :*   NO GROUP OR WORLD PRIVILEGE.
0799 1603 :*
0799 1604 :* EXPECTED RESULTS:
0799 1605 :*   1) SYSTEM STATUS CODE: NOPRIV
0799 1606 :*   2) REGISTERS R2 THROUGH FP UNCHANGED
0799 1607 :*
0799 1608 :*****
0799 1609 :--
0799 1610 :
0799 1611 :      PRIV  REM,GROUP      ; REMOVE GROUP PRIVILEGE
0799 1612 :      PRIV  REM,WORLD     ; REMOVE WORLD PRIVILEGE
0799 1613 :      CLRL  PIDADR_SWK    ; MAKE SURE PRCNAM IS USED BY SCHDWK
0799 1614 :
0799 1615 :      TCEND

```

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EX
GR
IN
IN
IO
LI
MB
MB
MB
ME
MO
MO
NA
NC
NS
ON
OU
OU
OU
PC


```
094E 1636 TS2:
094E 1637 TESTSERV SUSPND,ERR,SATS,
094E 1638
094E 1639 <1,PIDADR_SUS,
094E 1640
094E 1641 >,
094E 1642
094E 1643 <1,PRCNAM_SUS,
094E 1644 PRCNAM_SUS25,ACCVIO, - : SFSUS25
094E 1645 PRCNAM_SUS26,NONEXPR, - : SFSUS26
094E 1646 PRCNAM_SUS27,IVLOGNAM, - : SFSUS27
094E 1647 PRCNAM_SUS28,IVLOGNAM, - : SFSUS28
094E 1648 PRCNAM_SUS29,NOPRIV, - : SFSUS29
094E 1649 >,
OAB1 1650 TS_CLEANUP ; CLEAN UP & RETURN TO TEST_SERV_EXEC
```

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PS
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SA
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19
72
Th
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Th
19
72
Th
12
Th
19
72

```
OAD1 1651 TS3:
OAD1 1652 TESTSERV RESUME,ERR,SATS, -
OAD1 1653
OAD1 1654 <1,PIDADR_RES, -
OAD1 1655 PIDADR_RES10,ACCVIO, - : SFRES10
OAD1 1656 PIDADR_RES11,ACCVIO, - : SFRES11
OAD1 1657 PIDADR_RES12,ACCVIO, - : SFRES12
OAD1 1658 PIDADR_RES13,NONEXPR, - : SFRES13
OAD1 1659 PIDADR_RES14,NONEXPR, - : SFRES14
OAD1 1660 >, -
OAD1 1661
OAD1 1662 <1,PRCNAM_RES, -
OAD1 1663 PRCNAM_RES20,ACCVIO, - : SFRES20
OAD1 1664 PRCNAM_RES21,ACCVIO, - : SFRES21
OAD1 1665 PRCNAM_RES22,ACCVIO, - : SFRES22
OAD1 1666 PRCNAM_RES23,ACCVIO, - : SFRES23
OAD1 1667 PRCNAM_RES24,ACCVIO, - : SFRES24
OAD1 1668 >, -
OAD1 1669
OC65 1670 TS_CLEANUP ; CLEAN UP & RETURN TO TEST_SERV_EXEC
```

```
OC85 1671 TS4:
OC85 1672 TESTSERV RESUME,ERR,SATS,
OC85 1673
OC85 1674 <1,PIDADR_RES,
OC85 1675 >,
OC85 1676
OC85 1677 <1,PRCNAM_RES,
OC85 1678 PRCNAM_RES25,ACCVIO, - : SFRES25
OC85 1679 PRCNAM_RES26,NOEXPR, - : SFRES26
OC85 1680 PRCNAM_RES27,IVLOGNAM, - : SFRES27
OC85 1681 PRCNAM_RES28,IVLOGNAM, - : SFRES28
OC85 1682 : PRCNAM_RES29,NOPRIV, - : SFRES29
OC85 1683 >,
OC85 1684
ODEB 1685 TS_CLEANUP ; CLEAN UP & RETURN TO TEST_SERV_EXEC
```

```
OE08 1686 TSS:
OE08 1687 TESTSERV SCHDWK,ERR,SATS,
OE08 1688
OE08 1689 <1,PIDADR_SWK,
OE08 1690 PIDADR_SWK10,ACCVIO, - ; SFSWK10
OE08 1691 PIDADR_SWK11,ACCVIO, - ; SFSWK11
OE08 1692 PIDADR_SWK12,ACCVIO, - ; SFSWK12
OE08 1693 PIDADR_SWK13,NONEXPR, - ; SFSWK13
OE08 1694 PIDADR_SWK14,NONEXPR, - ; SFSWK14
OE08 1695 >,
OE08 1696
OE08 1697 <1,PRCNAM_SWK,
OE08 1698 PRCNAM_SWK20,ACCVIO, - ; SFSWK20
OE08 1699 PRCNAM_SWK21,ACCVIO, - ; SFSWK21
OE08 1700 PRCNAM_SWK22,ACCVIO, - ; SFSWK22
OE08 1701 PRCNAM_SWK23,ACCVIO, - ; SFSWK23
OE08 1702 PRCNAM_SWK24,ACCVIO, - ; SFSWK24
OE08 1703 >,
OE08 1704
OE08 1705 <1,DAYTIM_SWK,
OE08 1706 DAYTIM_SWK30,ACCVIO, - ; SFSWK30
OE08 1707 DAYTIM_SWK31,ACCVIO, - ; SFSWK31
OE08 1708 DAYTIM_SWK32,ACCVIO, - ; SFSWK32
OE08 1709 >,
OE08 1710
OE08 1711 <1,REPTIM_SWK,
OE08 1712 REPTIM_SWK40,ACCVIO, - ; SFSWK40
OE08 1713 REPTIM_SWK41,ACCVIO, - ; SFSWK41
OE08 1714 REPTIM_SWK42,ACCVIO, - ; SFSWK42
OE08 1715 REPTIM_SWK43,IVTIME, - ; SFSWK43
OE08 1716 REPTIM_SWK44,IVTIME, - ; SFSWK44
OE08 1717 >,
OE08 1718
10FE 1719 TS_CLEANUP : CLEAN UP & RETURN TO TEST_SERV_EXEC
```

```
111E 1720 TS6:
111E 1721 TESTSERV SCHDWK,ERR,SATS,
111E 1722
111E 1723 <1,PIDADR_SWK,
111E 1724 >,
111E 1725
111E 1726 <1,PRCNAM_SWK,
111E 1727 PRCNAM_SWK25,ACCVIO, - : SFSWK25
111E 1728 PRCNAM_SWK26,NONEXPR, - : SFSWK26
111E 1729 PRCNAM_SWK27,IVLOGNAM, - : SFSWK27
111E 1730 PRCNAM_SWK28,IVLOGNAM, - : SFSWK28
111E 1731 PRCNAM_SWK29,NOPRIV, - : SFSWK29
111E 1732 :
111E 1733 >,
111E 1734 <1,DAYTIM_SWK,
111E 1735 >,
111E 1736
111E 1737 <1,REPTIM_SWK,
111E 1738 >,
111E 1739
13A4 1740 TS_CLEANUP : CLEAN UP & RETURN TO TEST_SERV_EXEC
```


				13C4	1741		.SBTTL EXECUTE & CLEANUP	
				13C4	1742	EXECUTE:		
				13C4	1743		TEST_SERV_EXEC	: EXECUTE ALL T. CASES IN ALL GROUPS
				1400	1744	CLEANUP:		
				1400	1745	PRIV	ADD,ALL	: ENSURE THAT ALL PRIVS ARE PRESENT
				1420	1746	\$WAKE_S	PRCNAM=DETNAME	: WAKE DETACHED PROCESS ...
				142F	1747			: ... TO ALLOW HIS EXIT
				142F	1748	\$QIOW_S	CHAN=MBXCHAN, FUNC=#IOS READVBLK, -	
				142F	1749		P1=MBXBUFF+8, P2=MBXBUFF	
				1458	1750			: ... AND WAIT 4 PROC TO BE DELETED
				1458	1751	\$DELMBX_S	MBXCHAN	: DELETE TERMINATION MAILBOX
00000044'EF	01	1C	0138	1466	1752	BSBW	MOD MSG PRINT	: PRINT TEST MODULE END MSG
			01	1469	1753	INSV	#1,#STSSV_INHIB_MSG,#1,MOD	MSG CODE
			30	1472	1754			: INHIBIT PRINTING
			-0	1472	1755	\$EXIT_S	MOD_MSG_CODE	: EXIT TO OP SYS WITH MSG CODE

```
147F 1757 .SBTTL TC_CONTROL
147F 1758 :++
147F 1759 : FUNCTIONAL DESCRIPTION:
147F 1760 :
147F 1761 : THE TC CONTROL SUBROUTINE IS CALLED BY THE TEST_SERV_EXEC
147F 1762 : MACRO TO EXECUTE A GROUP OF TEST CASES. A GROUP IS DEFINED BY A TC_GROUP
147F 1763 : MACRO. FOR EACH TC GROUP MACRO, THERE IS A CORRESPONDING TESTSERV MACRO.
147F 1764 : TESTSERV CONTAINS CODE TO EXECUTE SYSTEM SERVICES AND CHECK THE RETURNED
147F 1765 : STATUS CODE VALUES. TESTSERV ARGUMENTS ARE CODED TO SPECIFY ALL THE SYSTEM
147F 1766 : SERVICE ARGUMENT VALUES AND THE EXPECTED STATUS CODE FOR EACH TEST CASE
147F 1767 : DEFINED BY A NEXT TEST CASE MACRO WITHIN THE GROUP. TC CONTROL USES A
147F 1768 : CO-ROUTINE INTERFACE TO ENTER THE CODE OF THE APPROPRIATE TESTSERV MACRO
147F 1769 : IN VARIOUS PLACES. THE FIRST ENTRY OCCURS ONCE PER GROUP TO ALLOW TESTSERV
147F 1770 : TO DO SOME INITIALIZATION. THEN TWO ENTRIES ARE MADE FOR EACH TEST CASE IN
147F 1771 : THE GROUP. THE FIRST ALLOWS TESTSERV TO ISSUE THE SUBJECT SYSTEM SERVICE.
147F 1772 : THE SECOND ENTRY FOR THE TEST CASE CAUSES TESTSERV TO CHECK THE RETURNED
147F 1773 : STATUS CODE, PRINTING A FAILURE MESSAGE IF IT IS NOT THE EXPECTED CODE.
147F 1774 : IF THERE ARE NO MORE TEST CASES IN THE CURRENT GROUP, TESTSERV (NOT TC CONTROL)
147F 1775 : RETURNS DIRECTLY TO TEST_SERV_EXEC (RSB ACTUALLY ISSUED IN TS_CLEANUP MACRO)
147F 1776 : FROM THIS SECOND ENTRY; OTHERWISE, CONTROL RETURNS TO TC CONTROL WHICH
147F 1777 : IN TURN ENTERS TESTSERV AGAIN FOR THE NEXT TEST CASE. THE FAILURE OF A
147F 1778 : TEST CASE DOES NOT CAUSE TERMINATION OF THE TEST MODULE.
147F 1779 :
147F 1780 : CALLING SEQUENCE:
147F 1781 :
147F 1782 : BSBW TC_CONTROL (ISSUED WITHIN THE TEST_SERV_EXEC MACRO)
147F 1783 : (RSB IS ISSUED WITHIN THE TS_CLEANUP MACRO)
147F 1784 :
147F 1785 : INPUT PARAMETERS:
147F 1786 :
147F 1787 : NONE
147F 1788 :
147F 1789 : IMPLICIT INPUTS:
147F 1790 :
147F 1791 : ARGUMENTS SPECIFIED ON EACH TESTSERV MACRO MAY BE VIEWED AS
147F 1792 : INPUTS, SINCE TC_CONTROL AND TESTSERV ACT AS CO-ROUTINES.
147F 1793 :
147F 1794 : OUTPUT PARAMETERS:
147F 1795 :
147F 1796 : SEVERITY CODE FIELD OF MOD_MSG_CODE (BITS 0,1,2) IS SET TO ERROR
147F 1797 : IF ANY TEST CASE IN THE CURRENT GROUP FAILS; OTHERWISE IT REMAINS
147F 1798 : SET TO SUCCESSFUL.
147F 1799 :
147F 1800 : IMPLICIT OUTPUTS:
147F 1801 :
147F 1802 : %UETP-I-TEXT, ERROR MESSAGES ARE WRITTEN TO SYSSOUTPUT BY
147F 1803 : THE TESTSERV MACRO (CO-ROUTINE WITH TC_CONTROL)
147F 1804 :
147F 1805 : COMPLETION CODES:
147F 1806 :
147F 1807 : NONE
147F 1808 :
147F 1809 : SIDE EFFECTS:
147F 1810 :
147F 1811 : NONE
147F 1812 :
147F 1813 :--
```

			147F	1814				
			147F	1815				
			147F	1816				
			147F	1817	TC_CONTROL:			
00000064'EF	DD		147F	1818	PUSHL	TS_EP	:	PUSH TESTSERV ENTRY POINT
	9E	16	1485	1819	JSB	@(SP)+	:	ENTER TESTSERV INITIALIZATION
			1487	1820	10\$:		:	PROCESS NEXT TEST CASE
00000056'EF	20	90	1487	1821	MOVB	#^A/ /,\$\$TSTN\$\$+2	:	MAKE SURE T.C. NAME HAS A BLANK
	002F	30	148E	1822	BSBW	REG_SAVE	:	SAVE REGISTERS
00000004'FF		16	1491	1823	JSB	@CURRENT_TC	:	JUMP TO CURRENT TEST CASE
	0037	30	1497	1824	BSBW	REG_REST	:	RESTORE REGS FOR TESTSERV
	9E	16	149A	1825	JSB	@(SP)+	:	LET TESTSERV ISSUE SYSTEM SERVICE
	0042	30	149C	1826	BSBW	REG_COMP	:	COMPARE REGS TO SEE IF
			149F	1827			:	... SYSTEM SERVICE CHANGED ANY
	9E	16	149F	1828	JSB	@(SP)+	:	LET TESTSERV CHEK S.S. STATUS CODE
00000056'EF	2A	91	14A1	1829	CMPB	#^A/*/,\$\$TSTN\$\$+2	:	HAS TESTSERV INDICATED FAILURE ?
	DD	12	14A8	1830	BNEQU	10\$:	NO -- PROCESS NEXT TEST CASE
00000000'EF	00000088'EF	DE	14AA	1831	MOVAL	TEST_MOD_FAIL,TMD_ADDR	:	YES -- INDICATE FAILED IN END MSG
00000044'EF	03 00	02	F0	14B5	INSV	#ERROR,#0,#3,MOD_MSG_CODE	:	ADJUST STATUS CODE FOR ERROR
		C7	11	14BE	BRB	10\$:	LOOP BAK TO PROCESS NEXT TEST CASE
				14C0			:	
				14C0			:	
				14C0			:	TC_CONTROL RETURNS TO TEST_SERV_EXEC VIA TESTSERV (IN TS_CLEANUP MACRO)
				1836			:	

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14C0 1838 .SBTTL SUBROUTINES
14C0 1839 REG_SAVE:
14C0 1840 :
14C0 1841 :*****
14C0 1842 :
14C0 1843 : * SAVES R0 THRU SP IN REG_SAVE_AREA
14C0 1844 : *
14C0 1845 :*****
14C0 1846 :
14C0 1847 :         PUSHR #R0_THRU_SP           : SAVE ALL REGS ON STACK
00000008'EF 7FFF 8F BB 14C0 1847 :         MOV C3 #60,(SP),REG_SAVE_AREA : SAVE REGS (BEFORE S.S.)
6E 6E 3C 28 14C4 1848 :         POPR #R0_THRU_SP           : CLEAN UP STACK
7FFF 8F BA 14CC 1849 :         RSB                          : .... AND RETURN
05 14D0 1850 :
14D1 1851 :
14D1 1852 :
14D1 1853 :
14D1 1854 :
14D1 1855 REG_REST:
14D1 1856 :
14D1 1857 :
14D1 1858 :*****
14D1 1859 :
14D1 1860 : * RESTORES R0 THRU SP FROM REG_SAVE_AREA
14D1 1861 : *
14D1 1862 :*****
14D1 1863 :
14D1 1864 :         SUBL2 #60,SP                : MOVE SP TO MAKE ROOM FOR REGS
6E 00000008'EF 5E 3C C2 14D1 1864 :         MOV C3 #60,REG_SAVE_AREA,(SP) : MOVE REGS ONTO STACK FOR POP
7FFF 8F BA 14DC 1866 :         POPR #R0_THRU_SP           : RESTORE ALL REGS FOR TESTSERV
05 14E0 1867 :         RSB                          : ... AND RETURN

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14E1 1869 REG_COMP:
14E1 1870 :
14E1 1871 : *****
14E1 1872 : *
14E1 1873 : * 1) PUSHES ALL REGS ONTO STACK *
14E1 1874 : * 2) COMPARES REGISTER IMAGES FROM STACK WITH CORRESPONDING *
14E1 1875 : * IMAGES FROM REG_SAVE_AREA FOR ALL REGISTERS SPECIFIED *
14E1 1876 : * IN REG_COMP_MASK. *
14E1 1877 : * 3) FOR EACH UNEQUAL COMPARE, AN ERROR MESSAGE IS PRINTED *
14E1 1878 : * (USING $FAO AND $OUTPUT SYSTEM SERVICES). *
14E1 1879 : * 4) POPS ALL REGS OFF OF STACK *
14E1 1880 : *****
14E1 1881 :
14E1 1882 :
56 7FFF 8F BB 14E1 1883 PUSHR #R0_THRU_SP ; SAVE ALL REGISTERS ON STACK
00000008'EF DE 14E5 1884 MOVAL REG_SAVE_AREA,R6 ; POINT R6 TO BEG OF
54 5E DO 14EC 1885 ; ... REGS (BEFORE S.S.)
14EC 1886 MOVL SP,R4 ; POINT R4 TO BEG OF
53 FF 8F 98 14EF 1887 ; ... REGS (AFTER S.S.)
009F 31 14FA 1893 REG_COMP_CVTBL #-1,R3 ; INITIALIZE REG_COMP_MASK INDEX
53 53 D6 14F3 1889 REG_COMP_NEXT:
03 91 14F5 1891 INCL R3 ; POINT TO NEXT BIT IN MASK
009F 31 14FA 1893 CMPB #15,R3 ; END OF THE MASK ?
009F 31 14FA 1893 BGTRU REG_COMP_CONT ; NO -- CONTINUE
009F 31 14FA 1893 BRW REG_CLMP_RSB ; YES -- GO TO COMMON RETURN
84 86 D1 14FD 1894 REG_COMP_CONT:
F1 13 1500 1896 CMPL (R6)+,(R4)+ ; REG BEFORE = REG AFTER ?
E9 00000000'EF 53 E1 1502 1897 BEQLU REG_COMP_NEXT ; YES -- LOOK FOR NEXT REG
00000048'EF 53 DO 150A 1898 BBC R3,REG_COMP_MASK,REG_COMP_NEXT ; NO -- GET NEXT IF BIT NOT SET
0000004C'EF FC A6 DO 1511 1900 MOVL R3,CLOB_REG_NO ; NO -- GIVE REG NUMBER TO FAO
00000050'EF FC A4 DO 1519 1901 MOVL -4(R6),REG_BEFORE_SS ; GIVE 'BEFORE' CONTENTS TO FAO
00000056'EF 2A 90 1521 1902 MOVL -4(R4),REG_AFTER_SS ; GIVE 'AFTER' CONTENTS TO FAO
1528 1903 : MOVVB #^A/^/, $$STNS$$+2 ; GIVE FAILURE INDIC'N IN ERROR MSG
1528 1904 : $FAO_S ERR MSG FAOCTL,OUTL,OUTD,$$SNAD$$, -
1528 1905 : $$ASEQ$$,$$PSEQ$$,CLOB_REG_NO,REG_BEFORE_SS,REG_AFTER_SS
155B 1906 :
EC5C CF EC26 CF B0 155B 1907 MOVW OUTL,OUTD ; ACTUAL OUTPUT LEN IN STRING DESC'R
1562 1908 PUTMSG <#UETPS TEXT,#1,#OUTD> ; PRINT THE MSG
EC40 CF 0084 8F B0 1577 1909 MOVW #OUTE-00TB,OUTD ; GET MAX LEN BACK INTO DESCRIPTOR
00000056'EF 20 90 157E 1910 MOVVB #^A/ /,$$STNS$$+2 ; REMOVE FAIL INDIC'N FOR NEXT MSG
00000060'EF 00000088'EF DE 1585 1911 MOVAL TEST MOD FAIL,TMD_ADDR ; INDICATE FAILED IN END MSG
00000044'EF 03 00 02 FO 1590 1912 INSV #ERROR,#0,#3,MOD_MSG_CODE ; ADJUST STATUS CODE FOR ERROR
FF57 31 1599 1913 BRW REG_COMP_NEXT ; GO LOOK FOR NEXT REG TO COMPARE
159C 1914 REG_COMP_RSB:
7FFF 8F BA 159C 1915 POPR #R0_THRU_SP ; CLEAN UP STACK
05 15A0 1916 RSB ; RETURN TO CALLER

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15A1 1918 MOD_MSG_PRINT:
15A1 1919 :
15A1 1920 : *****
15A1 1921 : *
15A1 1922 : * PRINTS THE TEST MODULE BEGUN/SUCCESSFUL/FAILED MESSAGES
15A1 1923 : * (USING THE PUTMSG MACRO).
15A1 1924 : *
15A1 1925 : *****
15A1 1926 :
05 15A1 1927 PUTMSG <MOD_MSG_CODE,#2,TMN_ADDR,TMD_ADDR> ; PRINT MSG
15BC 1928 RSB ; ... AND RETURN TO CALLER
15BD 1929 :
15BD 1930 CHMRTN:
15BD 1931 : *****
15BD 1932 : *
15BD 1933 : * CHANGE MODE ROUTINE. THIS ROUTINE GETS CONTROL WHENEVER
15BD 1934 : * A CMKRNL, CMEXEC, OR CMSUP SYSTEM SERVICE IS ISSUED
15BD 1935 : * BY THE MODE MACRO ('TO' OPTION). IT MERELY DOES
15BD 1936 : * A JUMP INDIRECT ON A FIELD SET UP BY MODE. IT HAS
15BD 1937 : * THE EFFECT OF RETURNING TO THE END OF THE MODE
15BD 1938 : * MACRO EXPANSION.
15BD 1939 : *
15BD 1940 : *****
15BD 1941 :
00000079'FF 0000 15BD 1942 .WORD 0 ; ENTRY MASK
17 15BF 1943 JMP @CHM_CONT ; RETURN TO MODE MACRO IN NEW MODE
15C5 1944 :
15C5 1945 : * RET INSTR WILL BE ISSUED IN EXPANSION OF 'MODE FROM, ....' MACRO
15C5 1946 :
15C5 1947 .END SATSSF05
```

SATSSF05
Symbol table

\$\$\$CHARS	= 00000048			PHDSQ PRIVMSK	= 00000000		
\$\$\$FIRSTC\$\$\$	= 00000000			PIDADR_RES	= 0000017C	R	03
\$\$\$STRINGS	= 00000000			PIDADR_RES10	= 00000001		
\$\$ACT\$\$	0000019D	R	06	PIDADR_RES11	0000001B	R	05
\$\$ARG\$\$	000001A5	R	06	PIDADR_RES12	= 000001FF	R	04
\$\$ASEQ\$\$	00000195	R	06	PIDADR_RES13	00000180	R	03
\$\$CALL\$\$	00000189	R	06	PIDADR_RES14	00000184	R	03
\$\$DISP\$\$	00000290	R	06	PIDADR_SUS	00000170	R	03
\$\$ERR\$\$	0000024A	R	06	PIDADR_SUS10	= 00000001		
\$\$EXP\$\$	000001A1	R	06	PIDADR_SUS11	00000008	R	05
\$\$INIT\$\$	0000018D	R	06	PIDADR_SUS12	= 000001FF	R	04
\$\$MAXP\$\$	= 00000005			PIDADR_SUS13	00000174	R	03
\$\$PSEQ\$\$	00000199	R	06	PIDADR_SUS14	00000178	R	03
\$\$SNAD\$\$	00000191	R	06	PIDADR_SWK	00000188	R	03
\$\$T1	= 00000004			PIDADR_SWK10	= 00000001		
\$\$T2	= 00000009			PIDADR_SWK11	0000002E	R	05
\$\$TSTN\$\$	00000054	R	03	PIDADR_SWK12	= 000001FF	R	04
CHMRTN	000015BD	R	06	PIDADR_SWK13	0000018C	R	03
CHM CONT	00000079	R	03	PIDADR_SWK14	00000190	R	03
CLEANUP	00001400	R	06	PRCNAM_RES	00000133	R	02
CLOB REG NO	00000048	R	03	PRCNAM_RES20	0000001F	R	05
CTL\$GL PRD	*****	X	06	PRCNAM_RES21	= 000001FF	R	04
CURRENT TC	00000004	R	03	PRCNAM_RES22	000001FC	R	04
DAYTIM_SWK	000001B9	R	02	PRCNAM_RES23	000001FB	R	04
DAYTIM_SWK30	= 00000000			PRCNAM_RES24	00000143	R	02
DAYTIM_SWK31	00000041	R	05	PRCNAM_RES25	000001F3	R	04
DAYTIM_SWK32	= 000001FF	R	04	PRCNAM_RES26	0000014B	R	02
DETFLAG	= 00000040			PRCNAM_RES27	0000015A	R	02
DEIMAGE	000000BD	R	02	PRCNAM_RES28	0000015E	R	02
DETNAME	000000DC	R	02	PRCNAM_SUS	000000F0	R	02
DEIUC	00000091	R	03	PRCNAM_SUS20	0000000C	R	05
DIB\$W_UNIT	= 0000000C			PRCNAM_SUS21	= 000001FF	R	04
EMPTY	00000000	R	04	PRCNAM_SUS22	000001FC	R	04
ERROR	= 00000002			PRCNAM_SUS23	000001FB	R	04
ERR_MSG_FAOCTL	00000002	R	02	PRCNAM_SUS24	00000100	R	02
EXECUTE	000013C4	R	06	PRCNAM_SUS25	000001F3	R	04
GRP TOTAL	= 00000006			PRCNAM_SUS26	00000108	R	02
INADR	000000A9	R	02	PRCNAM_SUS27	00000117	R	02
INFO	= 00000003			PRCNAM_SUS28	0000011B	R	02
IOS_READVBLK	*****	X	06	PRCNAM_SWK	00000176	R	02
LIB\$SIGNAL	*****	X	06	PRCNAM_SWK20	00000032	R	05
MBX\$BUFF	000000F0	R	03	PRCNAM_SWK21	= 000001FF	R	04
MBX\$CHAN	00000095	R	03	PRCNAM_SWK22	000001FC	R	04
MBX\$CHANINFO	00000099	R	03	PRCNAM_SWK23	000001FB	R	04
MBX\$UNIT	000000EC	R	03	PRCNAM_SWK24	00000186	R	02
MEXIT	= 00000000			PRCNAM_SWK25	000001F3	R	04
MOD_MSG_CODE	00000044	R	03	PRCNAM_SWK26	0000018E	R	02
MOD_MSG_PRINT	000015A1	R	06	PRCNAM_SWK27	0000019D	R	02
NARGS	= 0000000E			PRCNAM_SWK28	000001A1	R	02
NOACCESS	00000000	R	05	PRIVMSK	00000071	R	03
NSSARGS	= 00000004			PRIV_ARGS	= 00000002		
ONES	000000B5	R	02	PROT	000000B1	R	02
OUTB	000001C6	R	06	PRT\$C NA	*****	X	02
OUTD	000001BE	R	06	PRVPR	00000070	R	03
OUTE	0000024A	R	06	RO_THRU_SP	= 00007FFF		
OUTL	00000185	R	06	REGS	0000007D	R	03
PCB\$L_UIC	= 000000BC			REG_AFTER_SS	00000050	R	03

SATSSF05
Symbol table

REG_BEFORE_SS	0000004C	R	03
REG_COMP	000014E1	R	06
REG_COMP_CONT	000014FD	R	06
REG_COMP_MASK	000000U0	R	02
REG_COMP_NEXT	000014F3	R	06
REG_COMP_RSB	0000159C	R	06
REG_REST	000014D1	R	06
REG_SAVE	000014C0	R	06
REG_SAVE_AREA	00000008	R	03
REPTIM_SWK	000001C1	R	02
REPTIM_SWK40	= 00000001		
REPTIM_SWK41	00000049	R	05
REPTIM_SWK42	= 000001FF	R	04
REPTIM_SWK43	000001C9	R	02
REPTIM_SWK44	000001D1	R	02
RETADR	00000068	R	03
SATSSF05	00000000	R	06
SCH\$GL_CURPCB	*****	X	06
SEVERE	= 00000004		
SHR\$K_SHRDEF	= 00000001		
SHR\$ T_XT	= 00001130		
SS\$ ACCVIO	*****	X	06
SS\$ IVLOGNAM	*****	X	06
SS\$ IVTIME	*****	X	06
SS\$ NONEXPR	*****	X	06
ST\$V INHIB_MSG	= 0000001C		
SUCCESS	= 00000001		
SYSS\$CMKRNL	*****	GX	06
SYSS\$CREMBX	*****	GX	06
SYSS\$CREPRC	*****	GX	06
SYSS\$DELMBX	*****	GX	06
SYSS\$EXIT	*****	GX	06
SYSS\$FAO	*****	X	06
SYSS\$FAOL	*****	GX	06
SYSS\$GETCHN	*****	GX	06
SYSS\$HIBER	*****	GX	06
SYSS\$QIOW	*****	GX	06
SYSS\$RESUME	*****	GX	06
SYSS\$SCHDWK	*****	GX	06
SYSS\$GETPRN	*****	GX	06
SYSS\$SETPRT	*****	GX	06
SYSS\$SETPRV	*****	GX	06
SYSS\$SUSPND	*****	GX	06
SYSS\$WAKE	*****	GX	06
TC1	000002EB	R	06
TC2	000003D2	R	06
TC3	00000435	R	06
TC4	0000053C	R	06
TC5	0000059F	R	06
TC6	00000736	R	06
TCG_NO	= 00000006		
TC CONTROL	0000147F	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	0000079A	R	06
TS2	0000094E	R	06
TS3	00000AD1	R	06
TS4	00000C85	R	06
TS5	00000E08	R	06
TS6	0000111E	R	06
TS_EP	00000064	R	03
TTRNAME	0000009F	R	C2
UETPS_SATSMS	= 007480D9		
UETPS_TEXT	= 00741133		
WARNING	= 00000000		

! Psect synopsis !

PSECT name	Allocation	PSECT No.	Attributes
. ABS .	00000000 (0.)	00 (0.)	NOPIC USR CON ABS LCL NOSHR NOEXE NORD NOWRT NOVEC BYTE
\$ABSS	00000000 (0.)	01 (1.)	NOPIC USR CON ABS LCL NOSHR EXE RD WRT NOVEC BYTE
RODATA	000001D9 (473.)	02 (2.)	NOPIC USR CON REL LCL NOSHR NOEXE RD NOWRT NOVEC LONG
RWDATA	00000194 (404.)	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
SATSSF05	000015C5 (5573.)	06 (6.)	NOPIC USR CON REL LCL NOSHR EXE RD WRT NOVEC LONG

! Performance indicators !

Phase	Page faults	CPU Time	Elapsed Time
Initialization	31	00:00:00.08	00:00:00.44
Command processing	107	00:00:00.68	00:00:01.98
Pass 1	494	00:00:22.44	00:00:45.97
Symbol table sort	0	00:00:01.39	00:00:03.20
Pass 2	450	00:00:06.44	00:00:13.87
Symbol table output	26	00:00:00.17	00:00:00.38
Psect synopsis output	6	00:00:00.04	00:00:00.04
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	1116	00:00:31.24	00:01:05.88

The working set limit was 900 pages.
124543 bytes (244 pages) of virtual memory were used to buffer the intermediate code.
There were 50 pages of symbol table space allocated to hold 687 non-local and 218 local symbols.
1947 source lines were read in Pass 1, producing 37 object records in Pass 2.
72 pages of virtual memory were used to define 55 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	28
TOTALS (all libraries)	49

1342 GETS were required to define 49 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS\$:SATSSF05/OBJ=OBJ\$:SATSSF05 MSRC\$:SATSSF05/UPDATE=(ENH\$:SATSSF05)+EXECML\$/LIB+SHRLIB\$:UETP/LIB

0417 AH-BT13A-SE
VAX/VMS V4.0

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A large grid of 15 columns and 10 rows of small, illegible text fragments, likely representing a data dump or a series of small documents. The fragments are arranged in a regular pattern across the page.

SATSSF02
LTS

SATSSF03
LTS

SATSSF04
LTS

SATSSF05
LTS

0418 AH-BT13A-SE
VAX/VMS V4.0

DIGITAL EQUIPMENT CORPORATION
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0001	0002	0003	0004	0005	0006	0007	0008	0009	0010	0011	0012	0013	0014	0015
0016	0017	0018	0019	0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	0030
0031	0032	0033	0034	0035	0036	0037	0038	0039	0040	0041	0042	0043	0044	0045
0046	0047	0048	0049	0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	0060
0061	0062	0063	0064	0065	0066	0067	0068	0069	0070	0071	0072	0073	0074	0075
0076	0077	0078	0079	0080	0081	0082	0083	0084	0085	0086	0087	0088	0089	0090
0091	0092	0093	0094	0095	0096	0097	0098	0099	0100	0101	0102	0103	0104	0105
0106	0107	0108	0109	0110	0111	0112	0113	0114	0115	0116	0117	0118	0119	0120
0121	0122	0123	0124	0125	0126	0127	0128	0129	0130	0131	0132	0133	0134	0135
0136	0137	0138	0139	0140	0141	0142	0143	0144	0145	0146	0147	0148	0149	0150
0151	0152	0153	0154	0155	0156	0157	0158	0159	0160	0161	0162	0163	0164	0165
0166	0167	0168	0169	0170	0171	0172	0173	0174	0175	0176	0177	0178	0179	0180
0181	0182	0183	0184	0185	0186	0187	0188	0189	0190	0191	0192	0193	0194	0195
0196	0197	0198	0199	0200	0201	0202	0203	0204	0205	0206	0207	0208	0209	0210
0211	0212	0213	0214	0215	0216	0217	0218	0219	0220	0221	0222	0223	0224	0225
0226	0227	0228	0229	0230	0231	0232	0233	0234	0235	0236	0237	0238	0239	0240
0241	0242	0243	0244	0245	0246	0247	0248	0249	0250	0251	0252	0253	0254	0255
0256	0257	0258	0259	0260	0261	0262	0263	0264	0265	0266	0267	0268	0269	0270
0271	0272	0273	0274	0275	0276	0277	0278	0279	0280	0281	0282	0283	0284	0285
0286	0287	0288	0289	0290	0291	0292	0293	0294	0295	0296	0297	0298	0299	0300
0301	0302	0303	0304	0305	0306	0307	0308	0309	0310	0311	0312	0313	0314	0315
0316	0317	0318	0319	0320	0321	0322	0323	0324	0325	0326	0327	0328	0329	0330
0331	0332	0333	0334	0335	0336	0337	0338	0339	0340	0341	0342	0343	0344	0345
0346	0347	0348	0349	0350	0351	0352	0353	0354	0355	0356	0357	0358	0359	0360
0361	0362	0363	0364	0365	0366	0367	0368	0369	0370	0371	0372	0373	0374	0375
0376	0377	0378	0379	0380	0381	0382	0383	0384	0385	0386	0387	0388	0389	0390
0391	0392	0393	0394	0395	0396	0397	0398	0399	0400	0401	0402	0403	0404	0405
0406	0407	0408	0409	0410	0411	0412	0413	0414	0415	0416	0417	0418	0419	0420
0421	0422	0423	0424	0425	0426	0427	0428	0429	0430	0431	0432	0433	0434	0435
0436	0437	0438	0439	0440	0441	0442	0443	0444	0445	0446	0447	0448	0449	0450
0451	0452	0453	0454	0455	0456	0457	0458	0459	0460	0461	0462	0463	0464	0465
0466	0467	0468	0469	0470	0471	0472	0473	0474	0475	0476	0477	0478	0479	0480
0481	0482	0483	0484	0485	0486	0487	0488	0489	0490	0491	0492	0493	0494	0495
0496	0497	0498	0499	0500	0501	0502	0503	0504	0505	0506	0507	0508	0509	0510
0511	0512	0513	0514	0515	0516	0517	0518	0519	0520	0521	0522	0523	0524	0525
0526	0527	0528	0529	0530	0531	0532	0533	0534	0535	0536	0537	0538	0539	0540
0541	0542	0543	0544	0545	0546	0547	0548	0549	0550	0551	0552	0553	0554	0555
0556	0557	0558	0559	0560	0561	0562	0563	0564	0565	0566	0567	0568	0569	0570
0571	0572	0573	0574	0575	0576	0577	0578	0579	0580	0581	0582	0583	0584	0585
0586	0587	0588	0589	0590	0591	0592	0593	0594	0595	0596	0597	0598	0599	0600
0601	0602	0603	0604	0605	0606	0607	0608	0609	0610	0611	0612	0613	0614	0615
0616	0617	0618	0619	0620	0621	0622	0623	0624	0625	0626	0627	0628	0629	0630
0631	0632	0633	0634	0635	0636	0637	0638	0639	0640	0641	0642	0643	0644	0645
0646	0647	0648	0649	0650	0651	0652	0653	0654	0655	0656	0657	0658	0659	0660
0661	0662	0663	0664	0665	0666	0667	0668	0669	0670	0671	0672	0673	0674	0675
0676	0677	0678	0679	0680	0681	0682	0683	0684	0685	0686	0687	0688	0689	0690
0691	0692	0693	0694	0695	0696	0697	0698	0699	0700	0701	0702	0703	0704	0705
0706	0707	0708	0709	0710	0711	0712	0713	0714	0715	0716	0717	0718	0719	0720
0721	0722	0723	0724	0725	0726	0727	0728	0729	0730	0731	0732	0733	0734	0735
0736	0737	0738	0739	0740	0741	0742	0743	0744	0745	0746	0747	0748	0749	0750
0751	0752	0753	0754	0755	0756	0757	0758	0759	0760	0761	0762	0763	0764	0765
0766	0767	0768	0769	0770	0771	0772	0773	0774	0775	0776	0777	0778	0779	0780
0781	0782	0783	0784	0785	0786	0787	0788	0789	0790	0791	0792	0793	0794	0795
0796	0797	0798	0799	0800	0801	0802	0803	0804	0805	0806	0807	0808	0809	0810
0811	0812	0813	0814	0815	0816	0817	0818	0819	0820	0821	0822	0823	0824	0825
0826	0827	0828	0829	0830	0831	0832	0833	0834	0835	0836	0837	0838	0839	0840
0841	0842	0843	0844	0845	0846	0847	0848	0849	0850	0851	0852	0853	0854	0855
0856	0857	0858	0859	0860	0861	0862	0863	0864	0865	0866	0867	0868	0869	0870
0871	0872	0873	0874	0875	0876	0877	0878	0879	0880	0881	0882	0883	0884	0885
0886	0887	0888	0889	0890	0891	0892	0893	0894	0895	0896	0897	0898	0899	0900
0901	0902	0903	0904	0905	0906	0907	0908	0909	0910	0911	0912	0913	0914	0915
0916	0917	0918	0919	0920	0921	0922	0923	0924	0925	0926	0927	0928	0929	0930
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0946	0947	0948	0949	0950	0951	0952	0953	0954	0955	0956	0957	0958	0959	0960
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0976	0977	0978	0979	0980	0981	0982	0983	0984	0985	0986	0987	0988	0989	0990
0991	0992	0993	0994	0995	0996	0997	0998	0999	1000	1001	1002	1003	1004	1005
1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020
1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035
1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050
1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065
1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080
1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095
1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110
1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125
1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140
1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155
1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170
1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185
1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200
1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215
1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230
1231	1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245
1246	1247	1248	1249	1250	1251	1252	1253	1254	1255	1256	1257	1258	1259	1260
1261	1262	1263	1264	1265	1266	1267	1268	1269	1270	1271	1272	1273	1274	1275
1276	1277	1278	1279	1280	1281	1282	1283	1284	1285	1286	1287	1288	1289	1290
1291	1292	1293	1294	1295	1296	1297	1298	1299	1300	1301	1302	1303	1304	1305
1306	1307	1308	1309	1310	1311	1312	1313	1314	1315	1316	1317	1318	1319	1320
1321	1322													