


```

SSSSSSSS  AAAAAA  TTTTTTTTTT  SSSSSSSS  UU  UU  TTTTTTTTTT  11  44  44
SSSSSSSS  AAAAAA  TTTTTTTTTT  SSSSSSSS  UU  UU  TTTTTTTTTT  11  44  44
SS        AA    AA  TT        SS        UU  UU  TT        1111  44  44
SS        AA    AA  TT        SS        UU  UU  TT        1111  44  44
SS        AA    AA  TT        SS        UU  UU  TT        11    44  44
SSSSSSS   AA    AA  TT        SSSSSS   UU  UU  TT        11    44  44
SSSSSSS   AA    AA  TT        SSSSSS   UU  UU  TT        11    4444444444
SS        AA    AA  TT        SS        UU  UU  TT        11    4444444444
SS        AA    AA  TT        SS        UU  UU  TT        11    44
SS        AA    AA  TT        SS        UU  UU  TT        11    44
SSSSSSSS  AA    AA  TT        SSSSSSSS  UU  UU  TT        11    44
SSSSSSSS  AA    AA  TT        SSSSSSSS  UUUUUUUUUU  TT        111111  44
SSSSSSSS  AA    AA  TT        SSSSSSSS  UUUUUUUUUU  TT        111111  44

```

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....
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```

```

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)	2	MACROS, DATA
(1)	45	EXECUTABLE CODE

```
0000 1 .TITLE SATSUT14 SATS SYSTEM SERVICE TESTS
0000 2 .SBTTL MACROS, DATA
0000 3 .IDENT 'V04-000'
0000 4
0000 5 :*****
0000 6 :*
0000 7 :* COPYRIGHT (c) 1978, 1980, 1982, 1984 BY *
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0000 25 :*
0000 26 :*****
0000 27
```

```
00000000 29 .PSECT RWDATA,RD,WRT,NOEXE
0000 30 LOGNAM_PID: STRING 1,<SYSTST$PID> ; LOG NAME OF PID OF CREATING PROCESS
0012 31 EQUIV_PID: STRING 0,4 ; BUFFER FOR CREATING PID (EQUIVALENCE NAME)
001E 32 : *
001E 33 : *
001E 34 : *
001E 35 : *
001E 36 : *
001E 37 : *
001E 38 : *
001E 39 : *
001E 40 : *
001E 41 : *
001E 42 : *
001E 43 : *
```

THIS ROUTINE RUNS IN A PROCESS CREATED BY
A PROCESS RUNNING THE SATSS36 IMAGE. THIS PROCESS
SIGNALS THE CREATING PROCESS (VIA \$WAKE) THAT IT HAS
BEEN FULLY CREATED AND THEN HIBERNATES, ANTICIPATING
EITHER A \$WAKE FROM THE CREATING PROCESS, OR A
\$DELPRC FROM THE CREATING PROCESS. IF THE CREATOR
ISSUES \$WAKE, THEN THIS PROCESS DOES ITS OWN \$DELPRC.
PROPER DELETION OF THIS PROCESS IS CHECKED IN THE
CREATING PROCESS THROUGH THE USE OF THE TERMINATION
MAILBOX MECHANISM.

```
001E 45 .SBTTL EXECUTABLE CODE
00000000 46 .PSECT SATSUT14, RD, WRT, EXE
0000 0000 47 START: .WORD 0 ; ENTRY MASK
0002 48 SATSUT14:
0002 49 $STRNLOG_S LOGNAM=LOGNAM_PID, - ; GET CREATOR'S PID FROM SYSTEM LOG NAME TBL
0002 50 RSLBUF=EQUIV_PID, -
0002 51 DSBMSK=#^B110
001D 52 $WAKE_S PIDADR=EQUIV_PID+8; SIGNAL TO CREATOR: THIS PROC IS FULLY CREATED
002C 53 $HIBER_S ; SLEEP WHILE CREATOR DECIDES TO $WAKE OR $DELPRC
0033 54 :
0033 55 : ***** SYSTEM SERVICE CALL WHICH IS THE SUBJECT OF THIS TEST CASE *****
0033 56 :
0033 57 $DELPRC_S ; ISSUE SUBJECT DELPRC
003E 58 .END -START
```

SATSUT14
Symbol table

SATS SYSTEM SERVICE TESTS

B 5

16-SEP-1984 01:09:13
5-SEP-1984 04:34:53

VAX/VMS Macro V04-00
[UETPSY.SRC]SATSUT14.MAR;1

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SUC
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```

$$$CHARS      = 0000000A
$$$STRINGS    = 00000000
EQUIV_PID     = 00000012 R   01
LOGNAM_PID    = 00000000 R   01
SATSUTT4      = 00000002 R   02
START         = 00000000 R   02
SYSSDELPRC    = ***** GX 02
SYSSHIBER     = ***** GX 02
SYSTRNLOG     = ***** GX 02
SYSSWAKE      = ***** GX 02

```

```

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

```

PSECT name	Allocation	PSECT No.	Attributes
. ABS .	00000000 (0.)	00 (0.)	NOPIC USR CON ABS LCL NOSHR NOEXE NORD NOWRT NOVEC BYTE
RWDATA	0000001E (30.)	01 (1.)	NOPIC USR CON REL LCL NOSHR NOEXE RD WRT NOVEC BYTE
SATSUT14	0000003E (62.)	02 (2.)	NOPIC USR CON REL LCL NOSHR EXE RD WRT NOVEC BYTE

```

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

```

Phase	Page faults	CPU Time	Elapsed Time
Initialization	33	00:00:00.06	00:00:00.28
Command processing	109	00:00:00.62	00:00:01.75
Pass 1	136	00:00:00.94	00:00:03.82
Symbol table sort	0	00:00:00.01	00:00:00.01
Pass 2	33	00:00:00.23	00:00:00.51
Symbol table output	2	00:00:00.02	00:00:00.02
Psect synopsis output	2	00:00:00.02	00:00:00.02
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	317	00:00:01.90	00:00:06.41

The working set limit was 1050 pages.
2407 bytes (5 pages) of virtual memory were used to buffer the intermediate code.
There were 10 pages of symbol table space allocated to hold 10 non-local and 0 local symbols.
58 source lines were read in Pass 1, producing 13 object records in Pass 2.
7 pages of virtual memory were used to define 6 macros.

```

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

```

Macro library name	Macros defined
_\$255\$DUA28:[SHRLIB]UETP.MLB;1	1
-\$255\$DUA28:[SYS.OBJ]LIB.MLB;1	0
-\$255\$DUA28:[SYSLIB]STARLET.MLB;2	5
TOTALS (all libraries)	6

77 GETS were required to define 6 macros.

There were no errors, warnings or information messages.

SATSUT14
VAX-11 Macro Run Statistics

SATS SYSTEM SERVICE TESTS

C 5

16-SEP-1984 01:09:13 VAX/VMS Macro V04-00
5-SEP-1984 04:34:53 [UETPSY.SRC]SATSUT14.MAR;1

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(1)

MACRO/LIS=LIS\$:SATSUT14/OBJ=OBJ\$:SATSUT14 MSRC\$:SATSUT14/UPDATE=(ENH\$:SATSUT14)+EXECMLS/LIB+SHRLIB\$:UETP/LIB

SUC
V04

000

