```
UUU         UUU  EEEEEEEEEEEEEEE  TTTTTTTTTTTTTTT  PPPPPPPPPPPP
UUU         UUU  EEEEEEEEEEEEEEE  TTTTTTTTTTTTTTT  PPPPPPPPPPPPP
UUU         UUU  EEEEEEEEEEEEEEE  TTTTTTTTTTTTTTT  PPPPPPPPPPPPP
UUU         UUU  EEE                    TTT        PPP         PPP
UUU         UUU  EEE                    TTT        PPP         PPP
UUU         UUU  EEE                    TTT        PPP         PPP
UUU         UUU  EEE                    TTT        PPP         PPP
UUU         UUU  EEE                    TTT        PPP         PPP
UUU         UUU  EEE                    TTT        PPP         PPP
UUU         UUU  EEEEEEEEEEEE           TTT        PPPPPPPPPPPPP
UUU         UUU  EEEEEEEEEEEE           TTT        PPPPPPPPPPPPP
UUU         UUU  EEEEEEEEEEEE           TTT        PPPPPPPPPPPPP
UUU         UUU  EEE                    TTT        PPP
UUU         UUU  EEE                    TTT        PPP
UUU         UUU  EEE                    TTT        PPP
UUU         UUU  EEE                    TTT        PPP
UUU         UUU  EEE                    TTT        PPP
UUU         UUU  EEE                    TTT        PPP
UUUUUUUUUUUUUUU  EEEEEEEEEEEEEEE        TTT        PPP
UUUUUUUUUUUUUUU  EEEEEEEEEEEEEEE        TTT        PPP
UUUUUUUUUUUUUUU  EEEEEEEEEEEEEEE        TTT        PPP
```

```
RRRRRRRR    MM      MM   SSSSSSSS  TTTTTTTTTT  EEEEEEEEEE   SSSSSSSS  TTTTTTTTTT  TTTTTTTTTT
RRRRRRRR    MM      MM   SSSSSSSS  TTTTTTTTTT  EEEEEEEEEE   SSSSSSSS  TTTTTTTTTT  TTTTTTTTTT
RR      RR  MMMM  MMMM  SS            TT      EE          SS            TT          TT
RR      RR  MMMM  MMMM  SS            TT      EE          SS            TT          TT
RR      RR  MM  MM  MM  SS            TT      EE          SS            TT          TT
RR      RR  MM  MM  MM  SS            TT      EE          SS            TT          TT
RRRRRRRR    MM      MM    SSSSSS      TT      EEEEEEEE      SSSSSS      TT          TT
RRRRRRRR    MM      MM    SSSSSS      TT      EEEEEEEE      SSSSSS      TT          TT
RR  RR      MM      MM          SS    TT      EE                SS    TT          TT
RR  RR      MM      MM          SS    TT      EE                SS    TT          TT
RR    RR    MM      MM          SS    TT      EE                SS    TT          TT      ....
RR    RR    MM      MM          SS    TT      EE                SS    TT          TT      ....
RR      RR  MM      MM  SSSSSSSS      TT      EEEEEEEEEE  SSSSSSSS    TT          TT      ....
RR      RR  MM      MM  SSSSSSSS      TT      EEEEEEEEEE  SSSSSSSS    TT          TT      ....

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
```

```
                        0000    70          $BEGIN  RMSTRANS,020,__RMSTEST,<TRANS LOG NAME>,<LONG,GBL>
                        0000    71          .ENABL  DBG
                        0000    72          $SSDEF                          ; define system codes
                    00000000    73          .PSECT  __RMSTEST,GBL,LONG
                        0000    74  VERBSTR:
          00000008'00000016'    0000    75          .LONG   VERBL,VERBS
42 52 45 56 5F 54 53 54 24 53 4D 52 0008    76  VERBS:  .ASCII  /RMS$TST_VERBOSITY_FLAG/
      47 41 4C 46 5F 59 54 49 53 4F 0014
                    00000016    001E    77          VERBL=.-VERBS
                        001E    78  VERBOSITY::
                          00    001E    79          .BYTE   0                       ; flag for amount of verbosity
                        001F    80
                        001F    81  ;
                        001F    82  ; 0 for go-no go messages, 1 for interactive
                        001F    83  ;
                        001F    84
                        001F    85  VERBLEN:
                        0000    001F    86          .WORD   0                       ; catch len of translation
                        0021    87
                        0021    88  ;
                        0021    89  ; this is a routine to translate the logical name rms$tst_verbosity_flag
                        0021    90  ; and set the verbosity flag depending on the results
                        0021    91  ; a translation greater than 1 character implies go-no-go testing, with
                        0021    92  ; less output (verbosity=0)
                        0021    93  ; no translation implies interactive debugging-testing, with much verbosity
                        0021    94  ; (verbosity := 1)
                        0021    95  ;
                        0021    96
                        0021    97  TRAN::  $TRNLOG_S        VERBSTR,-
                        0021    98                          VERBLEN,-
                        0021    99                          VERBSTR         ; this obviously isn't re-entrant
                        0037   100
                        0037   101  ;
                        0037   102  ; but there's no reason for it to be
                        0037   103  ;
                        0037   104
00000629 8F    50   D1  0037   105          CMPL    R0,#SS$_NOTRAN          ; no translation?
               0A   13  003E   106          BEQL    NOTRAN
            FF 50   E9  0040   107          BLBC    R0,.                    ; any other error
      01    D9 AF   B1  0043   108          CMPW    VERBLEN,#1              ; only translated to 1 char.
               01   13  0047   109          BEQL    NOTRAN                  ; doesn't count as translation
               05       0049   110          RSB
      D0 AF    01   90  004A   111  NOTRAN: MOVB    #1,VERBOSITY            ; set interactiveness bit
               05       004E   112          RSB
                        004F   113
                        004F   114  ;
                        004F   115
                        004F   116          .END
```

```
$$.PSECT_EP                     = 00000000
$$RMSTEST                       = 0000001E
$$RMS_PBUGCHK                   = 00000010
$$RMS_TBUGCHK                   = 00000008
$$RMS_UMODE                     = 00000004
NOTRAN                            0000004A R  D  01
SS$_NOTRAN                      = 00000629    D
SYS$TRNLOG                        ******** GX   01
TRAN                              00000021 RG D  01
VERBL                           = 00000016    D
VERBLEN                           0000001F R  D  01
VERBOSITY                         0000001E RG D  01
VERBS                             00000008 R  D  01
VERBSTR                           00000000 R  D  01
```

Psect synopsis

PSECT name	Allocation	PSECT No.	Attributes
. ABS .	00000000 (0.)	00 (0.)	NOPIC USR CON ABS LCL NOSHR NOEXE NORD NOWRT NOVEC BYTE
RMSTEST	0000004F (79.)	01 (1.)	NOPIC USR CON REL GBL NOSHR EXE RD WRT NOVEC LONG
ABS	00000000 (0.)	02 (2.)	NOPIC USR CON ABS LCL NOSHR EXE RD WRT NOVEC BYTE

Performance indicators

Phase	Page faults	CPU Time	Elapsed Time
Initialization	37	00:00:00.07	00:00:00.47
Command processing	138	00:00:00.66	00:00:02.89
Pass 1	196	00:00:03.81	00:00:08.05
Symbol table sort	0	00:00:00.59	00:00:01.52
Pass 2	44	00:00:01.00	00:00:02.62
Symbol table output	3	00:00:00.03	00:00:00.03
Psect synopsis output	1	00:00:00.02	00:00:00.02
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	422	00:00:06.19	00:00:15.61

The working set limit was 1200 pages.
20281 bytes (40 pages) of virtual memory were used to buffer the intermediate code.
There were 30 pages of symbol table space allocated to hold 420 non-local and 0 local symbols.
116 source lines were read in Pass 1, producing 35 object records in Pass 2.
12 pages of virtual memory were used to define 11 macros.

Macro library statistics

Macro library name	Macros defined
_255DUA28:[SYS.OBJ]LIB.MLB;1	0
_255DUA28:[SYSLIB]STARLET.MLB;2	6
TOTALS (all libraries)	6

```
487 GETS were required to define 6 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS$:RMSTESTT/OBJ=OBJ$:RMSTESTT MSRC$:RMSTESTT/UPDATE=(ENH$:RMSTESTT)+EXECML$/LIB
```

0409 AH-BT13A-SE
VAX/VMS V4.0

DIGITAL EQUIPMENT CORPORATION
CONFIDENTIAL AND PROPRIETARY

RMSTEST4
LIS

RMSTEST7
LIS

RMSTEST8
LIS

RMSTESTR
LIS

RMSTEST0
LIS

RMSTEST2
LIS

RMSTEST3
LIS

RMSTEST5
LIS

RMSTEST6
LIS

RMSTESTT
LIS

RMSTEST1
LIS

SAT55F17
LIS