BOOTS

```
PPPPPPPP     UU      UU  TTTTTTTTTT  EEEEEEEEEE  RRRRRRRR  RRRRRRRR     000000    RRRRRRRR
PPPPPPPP     UU      UU  TTTTTTTTTT  EEEEEEEEEE  RRRRRRRR  RRRRRRRR     000000    RRRRRRRR
PP     PP    UU      UU      TT      EE          RR    RR  RR    RR   00    00    RR    RR
PP     PP    UU      UU      TT      EE          RR    RR  RR    RR   00    00    RR    RR
PP     PP    UU      UU      TT      EE          RR    RR  RR    RR   00    00    RR    RR
PP     PP    UU      UU      TT      EE          RR    RR  RR    RR   00    00    RR    RR
PPPPPPPP     UU      UU      TT      EEEEEEEE    RRRRRRRR  RRRRRRRR   00    00    RRRRRRRR
PPPPPPPP     UU      UU      TT      EEEEEEEE    RRRRRRRR  RRRRRRRR   00    00    RRRRRRRR
PP           UU      UU      TT      EE          RR  RR    RR  RR     00    00    RR  RR
PP           UU      UU      TT      EE          RR  RR    RR  RR     00    00    RR  RR
PP           UU      UU      TT      EE          RR    RR  RR    RR   00    00    RR    RR    ....
PP           UU      UU      TT      EE          RR    RR  RR    RR   00    00    RR    RR    ....
PP           UUUUUUUUUU      TT      EEEEEEEEEE  RR    RR  RR    RR     000000    RR    RR    ....
PP           UUUUUUUUUU      TT      EEEEEEEEEE  RR    RR  RR    RR     000000    RR    RR    ....


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      1                    .TITLE  PUTERROR - OUTPUT ERROR MESSAGES
0000      2                    .IDENT  'V04-000'
0000      3
0000      4            ;
0000      5            ;*******************************************************************************
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0000     24            ;*                                                                             *
0000     25            ;*                                                                             *
0000     26            ;*******************************************************************************
0000     27            ;
0000     28
0000     29            ;++
0000     30            ; FACILITY:     SYSGEN, CONFIGURE
0000     31            ;
0000     32            ; ABSTRACT:
0000     33            ;       This module contains the error output routine used by SYSGEN and
0000     34            ;       CONFIGURE.
0000     35            ;
0000     36            ; ENVIRONMENT:  USER, EXEC, AND KERNEL MODES
0000     37            ;
0000     38            ; AUTHOR: STEVE BECKHARDT,     CREATION DATE:  19-SEP-1979
0000     39            ;         (ORIGINAL AUTHOR - LEN KAWELL)
0000     40            ;
0000     41            ; MODIFIED BY:
0000     42            ;
0000     43            ;     V03-001 MSH0001         Maryann Hinden           10-June-1983
0000     44            ;             Move PUTERROR to separate module.
0000     45            ;--
```

```
        0000      47                  .SBTTL   DECLARATIONS
        0000      48      ;
        0000      49      ; INCLUDE FILES:
        0000      50      ;
        0000      51
        0000      52      ;
        0000      53      ; MACROS:
        0000      54      ;
        0000      55
        0000      56      ;
        0000      57      ; EQUATED SYMBOLS:
        0000      58      ;
        0000      59
        0000      60      ;
        0000      61      ; OWN STORAGE:
        0000      62      ;
        0000      63
        0000      64
    00000000      65              .PSECT   PAGED_CODE      rd,nowrt,exe,long
        0000      66
```

PUTERROR   - OUTPUT ERROR MESSAGES   15-SEP-1984 23:58:28   VAX/VMS Macro V04-00   Page 3
V04-000   PUTERROR - Routine to print system messa   4-SEP-1984 23:05:08   [BOOTS.SRC]PUTERROR.MAR;1   (3)

E 6

```
                         0000     68                 .SBTTL   PUTERROR - Routine to print system message for error code
                         0000     69  ;+
                         0000     70  ;   PUTERROR is called to output the text for the status code in R0.
                         0000     71  ;   This text is output to the logical name SYS$OUTPUT using SYS$PUTMSG.
                         0000     72  ;
                         0000     73  ; Input:
                         0000     74  ;       R0 - Error code
                         0000     75  ;
                         0000     76  ;-
                         0000     77  PUTERROR::
              00   DD    0000     78                 PUSHL    #0                  ; Number of FAO arguments
              50   DD    0002     79                 PUSHL    R0                  ; Status code value
              02   DD    0004     80                 PUSHL    #2                  ; count of message arguments
        51    5E   D0    0006     81                 MOVL     SP,R1               ; Save current place
 00000000'EF   9F    0009     82                 PUSHAB   L^FACNAMED          ; Pointer to facility name descriptor
              00   DD    000F     83                 PUSHL    #0                  ; Null action routine address
              51   DD    0011     84                 PUSHL    R1                  ; Address of message vector
 00000000'EF   06   FB   0013     85                 CALLS    #6,SYS$PUTMSG       ; Output error message text
                   05    001A     86                 RSB                         ;
                         001B     87
                         001B     88                 .END
```

```
FACNAMED          ******** X   01
PUTERROR          00000000 RG  01
SYS$PUTMSG        ******** X   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
PAGED_CODE	0000001B	(27.)	01	(1.)	NOPIC	USR	CON	REL	LCL	NOSHR	EXE	RD	NOWRT	NOVEC	LONG

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

Phase	Page faults	CPU Time	Elapsed Time
Initialization	36	00:00:00.07	00:00:00.41
Command processing	131	00:00:00.75	00:00:03.52
Pass 1	68	00:00:00.38	00:00:00.94
Symbol table sort	0	00:00:00.00	00:00:00.00
Pass 2	34	00:00:00.21	00:00:00.65
Symbol table output	1	00:00:00.01	00:00:00.01
Psect synopsis output	2	00:00:00.01	00:00:00.23
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	274	00:00:01.45	00:00:05.77

The working set limit was 900 pages.
926 bytes (2 pages) of virtual memory were used to buffer the intermediate code.
There were 10 pages of symbol table space allocated to hold 3 non-local and 0 local symbols.
88 source lines were read in Pass 1, producing 11 object records in Pass 2.
0 pages of virtual memory were used to define 0 macros.

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

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

0 GETS were required to define 0 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS$:PUTERROR/OBJ=OBJ$:PUTERROR MSRC$:PUTERROR/UPDATE=(ENH$:PUTERROR)+EXECML$/LIB+LIB$:BOOTS.MLB/LIB

READLBN
LIS

RTFILREAD
LIS

SHARE
LIS

QUSS
LIS

RXBTDRIVR
LIS

MBBTDRIVR
LIS

SCSLOADER
LIS

RMSCONIO
LIS

READDRIV
LIS

PABTDRIVR
LIS

PUBTDRIVR
LIS

PUTERROR
LIS

READPRMPT
LIS