


```

SSSSSSSS TTTTTTTTTT AAAAAA PPPPPPPP UU UU TTTTTTTTTT EEEEEEEEE EEEEEEEEE RRRRRRRR RRRRRRRR
SSSSSSSS TTTTTTTTTT AAAAAA PPPPPPPP UU UU TTTTTTTTTT EEEEEEEEE EEEEEEEEE RRRRRRRR RRRRRRRR
SS TT AA AA PP PP UU UU TT EE RR RR RR RR
SS TT AA AA PP PP UU UU TT EE RR RR RR RR
SS TT AA AA PP PP UU UU TT EE RR RR RR RR
SSSSSS TT AA AA PPPPPPP PP UU UU TT EE RRRRRRR RRRRRRR
SSSSSS TT AA AA PPPPPPP PP UU UU TT EE RRRRRRR RRRRRRR
SS TT AAAAAAAAAA PP UU UU TT EE RR RR RR RR
SS TT AAAAAAAAAA PP UU UU TT EE RR RR RR RR
SS TT AA AA PP PP UU UU TT EE RR RR RR RR
SSSSSSSS TT AA AA PP PP UU UU TT EE EEEEEEEEE RRR RR RR RR RR
SSSSSSSS TT AA AA PP PP UU UU TT EE EEEEEEEEE RRR RR RR RR RR

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LL I I I I I I SSSSSSSS
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```

STAPUTERR
Table of contents

(2) 47
(3) 81

DECLARATIONS
PUTERROR - Output Error Message

```
0000 1 .TITLE STAPUTERR - ERROR ROUTINE FOR STASYSGEN, STACONFIG
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: STANDALONE SYSGEN, STANDALONE CONFIGURE
0000 31
0000 32 : ABSTRACT: OUTPUTS ERROR MESSAGES.
0000 33
0000 34 : ENVIRONMENT: USER, EXEC, AND KERNEL MODE
0000 35
0000 36 : AUTHOR: STEVE BECKHARDT, CREATION DATE: 18-SEP-1979
0000 37
0000 38 : MODIFIED BY:
0000 39
0000 40 : V03-002 KDM0090 Kathleen D. Morse 01-Dec-1983
0000 41 : Make psect word-aligned.
0000 42
0000 43 : V03-001 MSH0001 Maryann Hinden 07-Jul-1983
0000 44 : Move 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 :
0000000D 0000 60 CR=^XD ; ASCII carriage return
0000000A 0000 61 LF=^XA ; ASCII line feed
0000 62 :
0000 63 :
0000 64 : OWN STORAGE:
0000 65 :
0000 66 :
00000000 0000 67 .PSECT BOO$SYSGEN,WRT,WORD
0000 68 :
00000100' 0000 69 MSGBFR_DSC: ; Message buffer descriptor
0000000F' 0004 70 .LONG MSGBFRSZ ; Size
0000 71 .ADDRESS MSGBFR ; Address
0008 72 :
4E 45 47 53 59 53 0A 0008 73 FMSGBFR: ; Facility message buffer
0000010F 000F 74 .ASCII <LF>/SYSGEN/ ; Message buffer
00000100 010F 75 MSGBFR: .BLKB 256
0000 76 MSGBFRSZ=.-MSGBFR
0000 77 :
00000111 010F 78 MSGLEN: .BLKW 1 ; Returned message length
0111 79 :
```

```

0111 81 .SBTTL PUTERROR - Output Error Message
0111 82 :++
0111 83 : FUNCTIONAL DESCRIPTION:
0111 84 :
0111 85 : This routine outputs an error message for the status code
0111 86 : in R0.
0111 87 :
0111 88 : CALLING SEQUENCE:
0111 89 :
0111 90 : BSBW PUTERROR
0111 91 :
0111 92 : INPUT PARAMETERS:
0111 93 :
0111 94 : R0 Status code
0111 95 :
0111 96 : OUTPUT PARAMETERS:
0111 97 :
0111 98 : None
0111 99 :--
0111 100
0111 101 PUTERROR::
50 DS 0111 102 TSTL R0 ; If zero, then return
30 13 0113 103 BEQL 906
0115 104 $GETMSG_S MSGID = R0,- ; Get message text
0115 105 MSGLEN = MSGLEN,- ; Message text length
0115 106 BUFADR = MSGBFR_DSC,- ; Message buffer descriptor
0115 107 FLAGS = #7 ; Get everything but facility
50 E3 AF 3C 0129 108 MOVZWL MSGLEN,R0 ; Get returned length
FEDC CF40 OD 90 012D 109 MOVB #CR,MSGBFR[R0] ; Put CR at end of buffer
FED8 CF40 94 0133 110 CLRB MSGBFR+1[R0] ; Make it ASCII
7E 7C 0138 111 CLRQ -(SP) ; No input buffer
FECA CF 9F 013A 112 PUSHAB FMSGBFR ; Push address of facility msg bfr
00000000'EF 03 FB 013E 113 CALLS #3,BOO$READPROMPT ; Output error message
05 0145 114 90$: RSB
0146 115
0146 116 .END
  
```

STAPUTERR
Symbol table

BOOSSREADPROMPT	*****	X	01
CR	= 0000000D		
FMSGBFR	= 00000008	R	01
LF	= 0000000A		
MSGBFR	= 0000000F	R	01
MSGBFRSZ	= 00000100		
MSGBFR_DSC	00000000	R	01
MSGLEN	0000010F	R	01
PUTERROR	00000111	RG	01
SYS\$GETMSG	*****	GX	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					
BOOSSYSGEN	00000146 (326.)	01 (1.)	NOPIC	USR	CON	REL	LCL	NOSHR	EXE	RD	WRT	NOVEC	WORD					

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

Phase	Page faults	CPU Time	Elapsed Time
Initialization	35	00:00:00.10	00:00:00.42
Command processing	133	00:00:00.73	00:00:03.12
Pass 1	121	00:00:00.67	00:00:03.12
Symbol table sort	0	00:00:00.00	00:00:00.00
Pass 2	40	00:00:00.26	00:00:00.88
Symbol table output	3	00:00:00.02	00:00:00.02
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	335	00:00:01.81	00:00:07.59

The working set limit was 1050 pages.
1627 bytes (4 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 1 local symbols.
116 source lines were read in Pass 1, producing 11 object records in Pass 2.
2 pages of virtual memory were used to define 2 macros.

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

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

16 GETS were required to define 2 macros.

There were no errors, warnings or information messages.

STAPUTERR - ERROR ROUTINE FOR STASYSGEN, ST^{K 8}ACONFIG 16-SEP-1984 00:04:48 VAX/VMS Macro V04-00 Page 5
VAX-11 Macro Run Statistics 4-SEP-1984 23:06:14 [BOOTS.SRC]STAPUTERR.MAR;1 (3)
MACRO/LIS=LISS:STAPUTERR/OBJ=OBJ\$:STAPUTERR MSRC\$:STAPUTERR/UPDATE=(ENH\$:STAPUTERR)+EXECMLS/LIB+LIB\$:BOOTS.MLB/LIB

