


```

HH      HH      AAAAAA      NN      NN      DDDDDDDD      LL      EEEEEEEEEEE      RRRRRRRR
HH      HH      AAAAAA      NN      NN      DDDDDDDD      LL      EEEEEEEEEEE      RRRRRRRR
HH      HH      AA        AA      NN      NN      DD        DD      LL      EEEEEEEEEEE      RR          RR
HH      HH      AA        AA      NN      NN      DD        DD      LL      EEEEEEEEEEE      RR          RR
HH      HH      AA        AA      NN      NN      DD        DD      LL      EEEEEEEEEEE      RR          RR
HH      HH      AA        AA      NN      NN      DD        DD      LL      EEEEEEEEEEE      RR          RR
HH      HH      AA        AA      NN      NN      DD        DD      LL      EEEEEEEEEEE      RR          RR
HH      HH      AA        AA      NN      NN      DD        DD      LL      EEEEEEEEEEE      RR          RR
HH      HH      AA        AA      NN      NN      DD        DD      LL      EEEEEEEEEEE      RR          RR
HH      HH      AA        AA      NN      NN      DD        DD      LL      EEEEEEEEEEE      RR          RR
HH      HH      AA        AA      NN      NN      DD        DD      LL      EEEEEEEEEEE      RR          RR
HH      HH      AA        AA      NN      NN      DDDDDDDD      LLLLLLLLLLL EEEEEEEEEEE      RR          RR
HH      HH      AA        AA      NN      NN      DDDDDDDD      LLLLLLLLLLL EEEEEEEEEEE      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      IIIIII      SSSSSSSS
LL      IIIIII      SSSSSSSS

```

```

1 0001 0 %TITLE 'EDT$HANDLER - EDT condition handler'
2 0002 0 MODULE EDT$HANDLER ( ! EDT condition hanndler
3 0003 0 IDENT = 'V04-000' ! File: HANDLER.BLI Edit: JBS1004
4 0004 0 ) =
5 0005 1 BEGIN
6 0006 1
7 0007 1 *****
8 0008 1 *
9 0009 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY *
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26 0026 1 *
27 0027 1 *
28 0028 1 *****
29 0029 1
30 0030 1
31 0031 1 ++
32 0032 1 FACILITY: EDT -- The DEC Standard Editor
33 0033 1
34 0034 1 ABSTRACT:
35 0035 1
36 0036 1 Condition handler enabled for callable EDT
37 0037 1
38 0038 1 ENVIRONMENT: Runs on Vax/Vms
39 0039 1
40 0040 1 AUTHOR: Shelly T. Solomon, CREATION DATE: 09-Mar-1982
41 0041 1
42 0042 1 MODIFIED BY:
43 0043 1
44 0044 1 1-001 - Original. STS 09-Mar-1982
45 0045 1 1-002 - Clear re-entry flag before continueing signal. STS 11-Mar-1982
46 0046 1 1-003 - Ignore severity bits so we won't miss signal and change file name. JBS 23-Feb-1983
47 0047 1 1-004 - Improve the appearance of the listing. JBS 14-Jun-1983
48 0048 1 --
49 0049 1

```

```
: 51 0050 1 %SBTTL 'Declarations'  
: 52 0051 1 |  
: 53 0052 1 | TABLE OF CONTENTS:  
: 54 0053 1 |  
: 55 0054 1 |  
: 56 0055 1 REQUIRE 'EDT$SRC:TRAROUNAM';  
: 57 0494 1 |  
: 58 0495 1 FORWARD ROUTINE  
: 59 0496 1 EDT$HANDLER;  
: 60 0497 1 |  
: 61 0498 1 |  
: 62 0499 1 | INCLUDE FILES:  
: 63 0500 1 |  
: 64 0501 1 |  
: 65 0502 1 REQUIRE 'EDT$SRC:EDTREQ';  
: 66 0637 1 |  
: 67 0638 1 REQUIRE 'EDT$SRC:SYSSYM';  
: 68 0668 1 |  
: 69 0669 1 |  
: 70 0670 1 | MACROS:  
: 71 0671 1 |  
: 72 0672 1 | NONE  
: 73 0673 1 |  
: 74 0674 1 | EQUATED SYMBOLS:  
: 75 0675 1 |  
: 76 0676 1 | NONE  
: 77 0677 1 |  
: 78 0678 1 | OWN STORAGE:  
: 79 0679 1 |  
: 80 0680 1 | NONE  
: 81 0681 1 |  
: 82 0682 1 | EXTERNAL REFERENCES:  
: 83 0683 1 |
```

```

85 0684 1 %SBTTL 'EDT$$HANDLER - condition handler for callable EDT'
86 0685 1
87 0686 1 GLOBAL ROUTINE EDT$$HANDLER (           ! Condition handler for callable EDT
88 0687 1     SIG,                               ! Signal arguments
89 0688 1     MECH,                               ! Mechanism arguments
90 0689 1     ENBL,                             ! ENABLE arguments (none)
91 0690 1     ) =
92 0691 1
93 0692 1 ++
94 0693 1 | FUNCTIONAL DESCRIPTION:
95 0694 1 |
96 0695 1 |     this is the condition handler for all callable EDT. It examines
97 0696 1 | the error received. If the error is to pass the status to caller then
98 0697 1 | the following error is returned to the caller via a setunwind.
99 0698 1 | This handler is enabled in EDT$EDIT, the highest routine in callable
100 0699 1 | EDT.
101 0700 1
102 0701 1 | FORMAL PARAMETERS:
103 0702 1 |
104 0703 1 |     SIG           An array of the signal arguments
105 0704 1 |     MECH         An array of the mechanism arguments
106 0705 1 |     ENBL        The arguments to the ENABLE expression, none provided
107 0706 1
108 0707 1 | IMPLICIT INPUTS:
109 0708 1 |
110 0709 1 |     NONE
111 0710 1
112 0711 1 | IMPLICIT OUTPUTS:
113 0712 1 |
114 0713 1 |     EDT$$G_REENTRY
115 0714 1
116 0715 1 | COMPLETION STATUS:
117 0716 1 |
118 0717 1 |     Always S$$_RESIGNAL, we never try to continue execution
119 0718 1
120 0719 1 | SIDE EFFECTS:
121 0720 1 |
122 0721 1 |     May do an unwind to the caller of EDT$EDIT
123 0722 1 |
124 0723 1 | --
125 0724 1
126 0725 2 BEGIN
127 0726 2
128 0727 2 EXTERNAL
129 0728 2     EDT$$G_REENTRY;
130 0729 2
131 0730 2 MAP
132 0731 2     SIG : REF VECTOR,
133 0732 2     MECH : REF VECTOR,
134 0733 2     ENBL : REF VECTOR;
135 0734 2
136 0735 2 MESSAGES ((PASSTATUS));
137 0736 2
138 0737 3 IF ((.SIG [1] AND ( NOT 7)) EQL (EDT$_PASSTATUS AND ( NOT 7)))
139 0738 3 THEN
140 0739 3     BEGIN
141 0740 3     MECH [3] = .SIG [3];           ! Value to return in R0

```

EDT\$HANDLER
V04-000

EDT\$HANDLER - EDT condition handler
EDT\$\$HANDLER - condition handler for callable E

J 7
16-Sep-1984 00:31:12
14-Sep-1984 12:23:16

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[EDT.SRC]HANDLER.B32;1

Page 4
(3)

```
: 142      0741  3      EDT$$G_REENTRY = 67;  
: 143      0742  3      SETUNWIND ();  
: 144      0743  3      END;  
: 145      0744  2  
: 146      0745  2      RETURN (SS$_RESIGNAL);  
: 147      0746  1      END;
```

```
: Pass status to caller  
  
: continue signal  
: of routine EDT$$HANDLER
```

```
.TITLE EDT$HANDLER EDT$HANDLER - EDT condition handler  
.IDENT \V04-000\
```

```
.EXTRN EDT$$G_REENTRY, EDT$_PASSTATUS
```

```
.PSECT _EDT$CODE,NOWRT, SHR, PIC,2
```

```
.ENTRY EDT$$HANDLER, Save nothing
```

```
MOVL SIG, R1  
BICL3 #7, 4(R1), R0  
CMLR R0, #<EDT$_PASSTATUS&-8>  
BNEQ 1$  
MOVL MECH, R0  
MOVL 12(R1), 12(R0)  
MOVZBL #67, EDT$$G_REENTRY  
CLRQ -(SP)  
CALLS #2, SYSSUNWIND  
MOVZWL #2328, R0  
RET
```

```
: 0686  
: 0737  
: 0740  
: 0741  
: 0742  
: 0745  
: 0746
```

```
0000 0000  
50      04  51      04  AC  D0 00002  
00000000* 8F      07  CB 00006  
1A 12 00012  
50      08  AC  D0 00014  
0C  A0 0C  A1  D0 00018  
00000000G 00      43  8F  9A 0001D  
7E 7C 00025  
00000000G 00      02  FB 00027  
50      0918 8F  3C 0002E 1$:  
04 00033
```

```
: Routine Size: 52 bytes, Routine Base: _EDT$CODE + 0000
```

```
: 148      0747  1  
: 149      0748  1 !<BLF/PAGE>
```

EDT\$
V04-

: Ro

