```
EEEEEEEEEEEEEEE  DDDDDDDDDDD     TTTTTTTTTTTTTTT
EEEEEEEEEEEEEEE  DDDDDDDDDDDD    TTTTTTTTTTTTTTT
EEEEEEEEEEEEEEE  DDDDDDDDDDDD    TTTTTTTTTTTTTTT
EEE              DDD         DDD       TTT
EEE              DDD          DDD      TTT
EEE              DDD          DDD      TTT
EEE              DDD          DDD      TTT
EEE              DDD          DDD      TTT
EEE              DDD          DDD      TTT
EEEEEEEEEEEE     DDD          DDD      TTT
EEEEEEEEEEEE     DDD          DDD      TTT
EEEEEEEEEEEE     DDD          DDD      TTT
EEE              DDD          DDD      TTT
EEE              DDD          DDD      TTT
EEE              DDD          DDD      TTT
EEE              DDD          DDD      TTT
EEE              DDD          DDD      TTT
EEE              DDD          DDD      TTT
EEEEEEEEEEEEEEE  DDDDDDDDDDD          TTT
EEEEEEEEEEEEEEE  DDDDDDDDDDDD         TTT
EEEEEEEEEEEEEEE  DDDDDDDDDDDD         TTT
EEEEEEEEEEEEEEE  DDDDDDDDDDDD         TTT
```

```
WW      WW  FFFFFFFFFF  BBBBBBBB     000000    TTTTTTTTTT  TTTTTTTTTT    000000    MM      MM
WW      WW  FFFFFFFFFF  BBBBBBBB     000000    TTTTTTTTTT  TTTTTTTTTT    000000    MM      MM
WW      WW  FF          BB      BB  00    00      TT          TT      00    00  MMMM  MMMM
WW      WW  FF          BB      BB  00    00      TT          TT      00    00  MMMM  MMMM
WW      WW  FF          BB      BB  00    00      TT          TT      00    00  MM MM MM MM
WW      WW  FF          BB      BB  00    00      TT          TT      00    00  MM MM MM MM
WW      WW  FFFFFFFF    BBBBBBBB    00    00      TT          TT      00    00  MM    MM MM
WW      WW  FFFFFFFF    BBBBBBBB    00    00      TT          TT      00    00  MM    MM MM
WW  WW  WW  FF          BB      BB  00    00      TT          TT      00    00  MM    MM MM
WW  WW  WW  FF          BB      BB  00    00      TT          TT      00    00  MM    MM MM
WWWW  WWWW  FF          BB      BB  00    00      TT          TT      00    00  MM    MM MM
WWWW  WWWW  FF          BB      BB  00    00      TT          TT      00    00  MM    MM MM
WW      WW  FF          BBBBBBBB      000000      TT          TT        000000    MM    MM MM
WW      WW  FF          BBBBBBBB      000000      TT          TT        000000    MM    MM MM

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
```

EDT V04

```
;  1          0001  0 %TITLE 'EDT$WFBOTTOM - bottom of buffer'
;  2          0002  0 MODULE EDT$WFBOTTOM (                          ! Move to bottom of current buffer
;  3          0003  0                     IDENT = 'V04-000'          ! File: WFBOTTOM.BLI Edit: JBS1008
;  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                           *
; 10          0010  1 !*  DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.            *
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; 25          0025  1 !*  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.          *
; 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 !       Move to the bottom of the current buffer.
; 37          0037  1 !
; 38          0038  1 ! ENVIRONMENT:  Runs at any access mode - AST reentrant
; 39          0039  1 !
; 40          0040  1 ! AUTHOR: Bob Kushlis, CREATION DATE: October 16, 1978
; 41          0041  1 !
; 42          0042  1 ! MODIFIED BY:
; 43          0043  1 !
; 44          0044  1 ! 1-001 - Original.  DJS 23-Feb-1981.  This module was created by
; 45          0045  1 !       extracting routine EDT$$WF_BOT  from module EDTWF.
; 46          0046  1 ! 1-002 - Regularize headers.  JBS 16-Mar-1981
; 47          0047  1 ! 1-003 - Abort on control C.  JBS 04-Jan-1982
; 48          0048  1 ! 1-004 - Set a flag if control C actually aborts something.  JBS 24-May-1982
; 49          0049  1 ! 1-005 - Remove EDT$$SET_WKLN.  JBS 14-Sep-1982
; 50          0050  1 ! 1-006 - Check control C about once per second.  SMB 17-Sep-1982
; 51          0051  1 ! 1-007 - Go back to checking control C every record. STS 20-Sep-1982
; 52          0052  1 ! 1-008 - Keep TBCB_CUR_LIN accurate, for updating the select range.  JBS 28-Dec-1982
; 53          0053  1 !--
; 54          0054  1
```

```
;    56          0055  1 %SBTTL 'Declarations'
;    57          0056  1 !
;    58          0057  1 ! TABLE OF CONTENTS:
;    59          0058  1 !
;    60          0059  1
;    61          0060  1 REQUIRE 'EDTSRC:TRAROUNAM';
;    62          0499  1
;    63          0500  1 FORWARD ROUTINE
;    64          0501  1     EDT$$WF_BOT : NOVALUE;
;    65          0502  1
;    66          0503  1 !
;    67          0504  1 ! INCLUDE FILES:
;    68          0505  1 !
;    69          0506  1
;    70          0507  1 REQUIRE 'EDTSRC:EDTREQ';
;    71          0642  1
;    72          0643  1 !
;    73          0644  1 ! MACROS:
;    74          0645  1 !
;    75          0646  1 !       NONE
;    76          0647  1 !
;    77          0648  1 ! EQUATED SYMBOLS:
;    78          0649  1 !
;    79          0650  1 !       NONE
;    80          0651  1 !
;    81          0652  1 ! OWN STORAGE:
;    82          0653  1 !
;    83          0654  1 !       NONE
;    84          0655  1 !
;    85          0656  1 ! EXTERNAL REFERENCES:
;    86          0657  1 !
;    87          0658  1 !       In the routine
```

```
;    89          0659  1 %SBTTL 'EDT$$WF_BOT  - move to bottom of buffer'
;    90          0660  1
;    91          0661  1 GLOBAL ROUTINE EDT$$WF_BOT                      ! Move to bottom of current buffer
;    92          0662  1     : NOVALUE =
;    93          0663  1
;    94          0664  1 !++
;    95          0665  1 ! FUNCTIONAL DESCRIPTION:
;    96          0666  1 !
;    97          0667  1 !       Move to the bottom of the current buffer.
;    98          0668  1 !
;    99          0669  1 ! FORMAL PARAMETERS:
;   100          0670  1 !
;   101          0671  1 !       NONE
;   102          0672  1 !
;   103          0673  1 ! IMPLICIT INPUTS:
;   104          0674  1 !
;   105          0675  1 !       EDT$$A_CUR_BUF
;   106          0676  1 !       EDT$$A_WK_BUK
;   107          0677  1 !
;   108          0678  1 ! IMPLICIT OUTPUTS:
;   109          0679  1 !
;   110          0680  1 !       EDT$$A_CUR_BUF
;   111          0681  1 !       EDT$$G_CC_DONE
;   112          0682  1 !       EDT$$A_WK_LN
;   113          0683  1 !
;   114          0684  1 ! ROUTINE VALUE:
;   115          0685  1 !
;   116          0686  1 !       NONE
;   117          0687  1 !
;   118          0688  1 ! SIDE EFFECTS:
;   119          0689  1 !
;   120          0690  1 !       NONE
;   121          0691  1 !
;   122          0692  1 !--
;   123          0693  1
;   124          0694  2     BEGIN
;   125          0695  2
;   126          0696  2     EXTERNAL ROUTINE
;   127          0697  2         EDT$$WF_MAKECUR : NOVALUE,
;   128          0698  2         EDT$$RD_NXTLN,
;   129          0699  2         EDT$$CHR_CC;                            ! Check for a control C
;   130          0700  2
;   131          0701  2     EXTERNAL
;   132          0702  2         EDT$$A_CUR_BUF : REF TBCB_BLOCK,        ! Current text buffer control block
;   133          0703  2         EDT$$A_WK_BUK :                         ! Pointer to current bucket
;   134          0704  2             REF BLOCK [WF_BUKT_SIZE, BYTE] FIELD (WFB_FIELDS),
;   135          0705  2         EDT$$G_CC_DONE,                         ! Set to 1 if control C actually aborts something
;   136          0706  2         EDT$$A_WK_LN : REF LIN_BLOCK;           ! Pointer to work line
;   137          0707  2
;   138          0708  2     LOCAL
;   139          0709  2         CONTROL_C,
;   140          0710  2         READ_STATUS;
;   141          0711  2
;   142          0712  2 !+
;   143          0713  2 ! Just read the last bucket in the buffer, then
;   144          0714  2 ! read lines until we can't read any more.
;   145          0715  2 !-
```

```
0716 2   EDT$$A_CUR_BUF [TBCB_CUR_BUKT] = .EDT$$A_CUR_BUF [TBCB_LAST_BUKT];
0717 2   MOVELINE (EDT$$A_CUR_BUF [TBCB_LINE_COUNT], EDT$$A_CUR_BUF [TBCB_CUR_LIN]);
0718 2   EDT$$WF_MAKECUR (.EDT$$A_CUR_BUF [TBCB_CUR_BUKT]);
0719 2   EDT$$A_CUR_BUF [TBCB_LINE_ADDR] = .EDT$$A_WK_BUK [WFB_END];
0720 2   EDT$$A_CUR_BUF [TBCB_CHAR_POS] = 0;
0721 2   EDT$$A_WK_LN = CH$PTR (.EDT$$A_WK_BUK, .EDT$$A_CUR_BUF [TBCB_LINE_ADDR]);
0722 2
0723 2   DO
0724 3       BEGIN
0725 3       READ_STATUS = EDT$$RD_NXTLN ();
0726 3
0727 3       IF .READ_STATUS
0728 3       THEN
0729 4           BEGIN
0730 4           CONTROL_C = EDT$$CHK_CC ();
0731 4
0732 4           IF .CONTROL_C THEN EDT$$G_CC_DONE = 1;
0733 4
0734 3           END;
0735 3
0736 3       END
0737 2   UNTIL (.CONTROL_C OR ( NOT .READ_STATUS));
0738 2
0739 1   END;                                          ! of routine EDT$$WF_BOT


                                        .TITLE  EDT$WFBOTTOM EDT$WFBOTTOM - bottom of buffer
                                        .IDENT  \V04-000\

                                        .EXTRN  EDT$$WF_MAKECUR
                                        .EXTRN  EDT$$RD_NXTLN, EDT$$CHK_CC
                                        .EXTRN  EDT$$A_CUR_BUF, EDT$$A_WK_BUK
                                        .EXTRN  EDT$$G_CC_DONE, EDT$$A_WK_LN

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

                                00FC 00000      .ENTRY  EDT$$WF_BOT, Save R2,R3,R4,R5,R6,R7    ; 0661
             57 00000000G  00   9E 00002        MOVAB   EDT$$A_CUR_BUF, R7                     ;
             56            67   D0 00009        MOVL    EDT$$A_CUR_BUF, R6                     ; 0716
        04   A6       10   A6   B0 0000C        MOVW    16(R6), 4(R6)                          ;
06  A6  18   A6            06   28 00011        MOVC3   #6, 24(R6), 6(R6)                      ; 0717
             7E       04   A6   3C 00017        MOVZWL  4(R6), -(SP)                           ; 0718
  00000000G  00            01   FB 0001B        CALLS   #1, EDT$$WF_MAKECUR                    ;
             50            67   D0 00022        MOVL    EDT$$A_CUR_BUF, R0                     ; 0719
             51 00000000G  00   D0 00025        MOVL    EDT$$A_WK_BUK, R1                      ;
             60       04   A1   D0 0002C        MOVL    4(R1), (R0)                            ;
                      0C   A0   B4 00030        CLRW    12(R0)                                 ; 0720
00000000G 00 51            60   C1 00033        ADDL3   (R0), R1, EDT$$A_WK_LN                 ; 0721
  00000000G  00            00   FB 0003B 1$:    CALLS   #0, EDT$$RD_NXTLN                      ; 0725
             53            50   D0 00042        MOVL    R0, READ_STATUS                        ;
             14            53   E9 00045        BLBC    READ_STATUS, 2$                        ; 0727
  00000000G  00            00   FB 00048        CALLS   #0, EDT$$CHK_CC                        ; 0730
             52            50   D0 0004F        MOVL    R0, CONTROL_C                          ;
             0A            52   E9 00052        BLBC    CONTROL_C, 3$                          ; 0732
  00000000G  00            01   D0 00055        MOVL    #1, EDT$$G_CC_DONE                     ;
             03            52   E8 0005C 2$:    BLBS    CONTROL_C, 4$                          ; 0737
             D9            53   E8 0005F 3$:    BLBS    READ_STATUS, 1$                        ;
```

```
                                   04 00062 4$:     RET                                     , 0739

; Routine Size:  99 bytes,    Routine Base:  _EDT$CODE + 0000

;  170          0740  1
;  171          0741  1 !<BLF/PAGE>
```

```
;        0742  1 END                                           ! of module EDT$WFBOTTOM
;        0743  1
;        0744  0 ELUDOM


;                                  PSECT SUMMARY
;
;       Name                        Bytes                    Attributes
;
;   _EDT$CODE                          99  NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)


;                           Library Statistics
;
;                                         -------- Symbols --------      Pages      Processing
;       File                              Total   Loaded   Percent      Mapped     Time
;
;   _$255$DUA28:[EDT.SRC]EDT.L32;1          377       39        10          40     00:00.2
;   _$255$DUA28:[EDT.SRC]PSECTS.L32;1         2        1        50           7     00:00.1


;                                  COMMAND QUALIFIERS
;
;       BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS$:WFBOTTOM/OBJ=OBJ$:WFBOTTOM MSRC$:WFBOTTOM.BLI/UPDATE=(ENH$:WFBO
;       TTOM)

; Size:          99 code + 0 data bytes
; Run Time:         00:11.6
; Elapsed Time:     00:32.8
; Lines/CPU Min:     3848
; Lexemes/CPU-Min: 11968
; Memory Used:  77 pages
; Compilation Complete
```

VMSMSG.LIS
WFCOPLIN.LIS
USSTRING.LIS
WFSCOPY.LIS
WFDELLIN.LIS
WFGETBKT.LIS
WFOPNBUF.LIS
WFREABCK.LIS
WFREAFWD.LIS
WFSTRING.LIS
WFAPPBKT.LIS
UGBUFFER.LIS
WFCLEAR.LIS
USSUBS.LIS
WFDELBKT.LIS
WFSPLBKT.LIS
WFLOCLIN.LIS
WFRBUKT.LIS
WFINSLIN.LIS
WFREACUR.LIS
WFREAINP.LIS
WFTOP.LIS
WFREPLIN.LIS
WFBOTTOM.LIS
WFECOPY.LIS