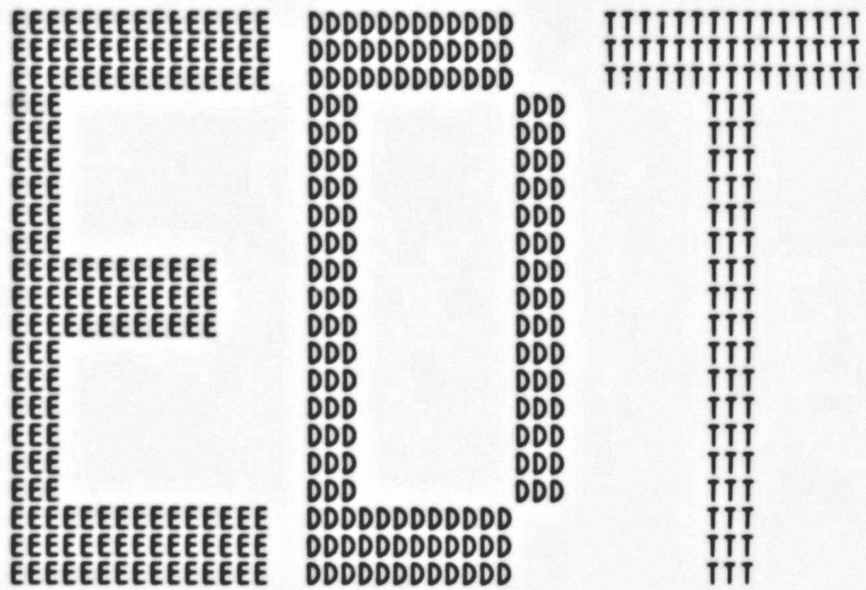
EEEEEEEEEEEEEEE DDDDDDDDDDD TTTTTTTTTTTTTTTT
EEEEEEEEEEEEEEE DDDDDDDDDDDD TTTTTTTTTTTTTTTT
EEEEEEEEEEEEEEE DDDDDDDDDDDD TTTTTTTTTTTTTTTT
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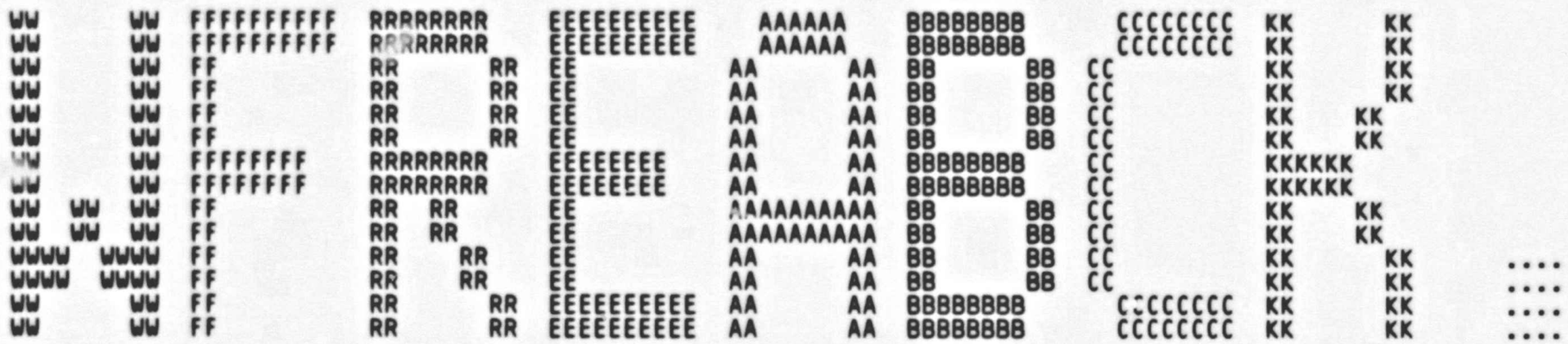
FILEID**WFREABCK



```
;     1          0001  0 %TITLE 'EDT$WFREABCK - read previous line'
;     2          0002  0 MODULE EDT$WFREABCK (                          ! Read previous line
;     3          0003  0                     IDENT = 'V04-000'                 ! File: WFREABCK.BLI Edit: TSS1005
;     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.                    *
;    11          0011  1 !*  ALL RIGHTS RESERVED.                                                      *
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;    14          0014  1 !*  ONLY IN  ACCORDANCE WITH  THE  TERMS  OF  SUCH  LICENSE  AND WITH THE    *
;    15          0015  1 !*  INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR  ANY  OTHER     *
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;    17          0017  1 !*  OTHER PERSON.  NO TITLE TO AND OWNERSHIP OF  THE  SOFTWARE IS  HEREBY     *
;    18          0018  1 !*  TRANSFERRED.                                                              *
;    19          0019  1 !*                                                                           *
;    20          0020  1 !*  THE INFORMATION IN THIS SOFTWARE IS  SUBJECT TO CHANGE WITHOUT NOTICE     *
;    21          0021  1 !*  AND  SHOULD  NOT  BE  CONSTRUED AS  A COMMITMENT BY DIGITAL EQUIPMENT     *
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;    23          0023  1 !*                                                                           *
;    24          0024  1 !*  DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE  OR  RELIABILITY OF ITS     *
;    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 !       Read the previous line from the work file system.
;    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$$RD_PRVLN  from module EDTWF.
;    46          0046  1 ! 1-002 - regularize headers.  JBS 19-Mar-1981
;    47          0047  1 ! 1-003 - Change index for line numbers from 10 to 15.  SMB 18-Jan-1982
;    48          0048  1 ! 1-004 - Remove EDT$$SET_WKLN.  JBS 14-Sep-1982
;    49          0049  1 ! 1-005 - Modify to use new 48 bit macro. STS 01-Oct-1982
;    50          0050  1 !--
;    51          0051  1
```

```
;     53          0052  1 %SBTTL 'Declarations'
;     54          0053  1 !
;     55          0054  1 ! TABLE OF CONTENTS:
;     56          0055  1 !
;     57          0056  1
;     58          0057  1 REQUIRE 'EDTSRC:TRAROUNAM';
;     59          0496  1
;     60          0497  1 FORWARD ROUTINE
;     61          0498  1     EDT$$RD_PRVLN;
;     62          0499  1
;     63          0500  1 !
;     64          0501  1 ! INCLUDE FILES:
;     65          0502  1 !
;     66          0503  1
;     67          0504  1 REQUIRE 'EDTSRC:EDTREQ';
;     68          0639  1
;     69          0640  1 !
;     70          0641  1 ! MACROS:
;     71          0642  1 !
;     72          0643  1 !       NONE
;     73          0644  1 !
;     74          0645  1 ! EQUATED SYMBOLS:
;     75          0646  1 !
;     76          0647  1 !       NONE
;     77          0648  1 !
;     78          0649  1 ! OWN STORAGE:
;     79          0650  1 !
;     80          0651  1 !       NONE
;     81          0652  1 !
;     82          0653  1 ! EXTERNAL REFERENCES:
;     83          0654  1 !
;     84          0655  1 !       In the routine
```

```
;    86          0656  1 %SBTTL 'EDT$$RD_PRVLN  - read previous line'
;    87          0657  1
;    88          0658  1 GLOBAL ROUTINE EDT$$RD_PRVLN                    ! Read previous line
;    89          0659  1     =
;    90          0660  1
;    91          0661  1 !++
;    92          0662  1 ! FUNCTIONAL DESCRIPTION:
;    93          0663  1 !
;    94          0664  1 !       Read a line backwards.  The line preceding the current line becomes the
;    95          0665  1 !       current line.  If we are already at the top, return a 0 otherwise return
;    96          0666  1 !       a 1.
;    97          0667  1 !
;    98          0668  1 ! FORMAL PARAMETERS:
;    99          0669  1 !
;   100          0670  1 !       NONE
;   101          0671  1 !
;   102          0672  1 ! IMPLICIT INPUTS:
;   103          0673  1 !
;   104          0674  1 !       EDT$$A_CUR_BUF
;   105          0675  1 !       EDT$$A_WK_BUK
;   106          0676  1 !       EDT$$G_WK_CURBUK
;   107          0677  1 !       EDT$$L_LN00
;   108          0678  1 !
;   109          0679  1 ! IMPLICIT OUTPUTS:
;   110          0680  1 !
;   111          0681  1 !       EDT$$A_CUR_BUF
;   112          0682  1 !       EDT$$A_WK_LN
;   113          0683  1 !
;   114          0684  1 ! ROUTINE VALUE:
;   115          0685  1 !
;   116          0686  1 !       1 = previous line read successfully
;   117          0687  1 !       0 = there is no previous line
;   118          0688  1 !
;   119          0689  1 ! SIDE EFFECTS:
;   120          0690  1 !
;   121          0691  1 !       NONE
;   122          0692  1 !
;   123          0693  1 !--
;   124          0694  1
;   125          0695  2     BEGIN
;   126          0696  2
;   127          0697  2     EXTERNAL ROUTINE
;   128          0698  2         EDT$$WF_MAKECUR : NOVALUE;
;   129          0699  2
;   130          0700  2     EXTERNAL
;   131          0701  2         EDT$$A_CUR_BUF : REF TBCB_BLOCK,        ! Current text buffer control block
;   132          0702  2         EDT$$A_WK_BUK :                         ! Pointer to current bucket
;   133          0703  2             REF BLOCK [WF_BUKT_SIZE, BYTE] FIELD (WFB_FIELDS),
;   134          0704  2         EDT$$G_WK_CURBUK,                       ! Number of the current bucket
;   135          0705  2         EDT$$L_LN00 : LNOVECTOR [14],
;   136          0706  2         EDT$$A_WK_LN : REF LIN_BLOCK;           ! Pointer to work line
;   137          0707  2
;   138          0708  2     EDT$$A_CUR_BUF [TBCB_CHAR_POS] = 0;
;   139          0709  2 !+
;   140          0710  2 ! See if we are at the beginning of a bucket.
;   141          0711  2 !-
;   142          0712  2
```

```
;  143          0713  3     IF (.EDT$$A_CUR_BUF [TBCB_LINE_ADDR] EQL WFB_FIXED_SIZE)
;  144          0714  2     THEN
;  145          0715  2
;  146          0716  2         IF (.EDT$$A_WK_BUK [WFB_PREV_BUKT] EQL 0)
;  147          0717  2         THEN
;  148          0718  2             RETURN (0)                          ! cannot read backward at beginning of buffer.
;  149          0719  2         ELSE
;  150          0720  2             BEGIN
;  151          0721  2     !+
;  152          0722  2     ! Read the previous bucket and position to it's end.
;  153          0723  2     !-
;  154          0724  2             EDT$$WF_MAKECUR (.EDT$$A_WK_BUK [WFB_PREV_BUKT]);
;  155          0725  2             EDT$$A_CUR_BUF [TBCB_LINE_ADDR] = .EDT$$A_WK_BUK [WFB_END];
;  156          0726  2             EDT$$A_CUR_BUF [TBCB_CUR_BUKT] = .EDT$$G_WK_CURBUK;
;  157          0727  2             END;
;  158          0728  2
;  159          0729  2     !+
;  160          0730  2     ! Now, move back a line.
;  161          0731  2     !-
;  162          0732  2         EDT$$A_CUR_BUF [TBCB_LINE_ADDR] = .EDT$$A_CUR_BUF [TBCB_LINE_ADDR] -       !
;  163          0733  2         CH$RCHAR (CH$PTR (.EDT$$A_WK_BUK, .EDT$$A_CUR_BUF [TBCB_LINE_ADDR] - 1)) -  !
;  164          0734  2         LIN_FIXED_SIZE - 1;
;  165          0735  2         SUBLINE (NUMBER_ONE, EDT$$A_CUR_BUF [TBCB_CUR_LIN]);
;  166          0736  2     !+
;  167          0737  2     ! Get the address of the current line.
;  168          0738  2     !-
;  169          0739  2         EDT$$A_WK_LN = CH$PTR (.EDT$$A_WK_BUK, .EDT$$A_CUR_BUF [TBCB_LINE_ADDR]);
;  170          0740  2         RETURN (1);
;  171          0741  1         END;                                    ! of routine EDT$$RD_PRVLN

                                                .TITLE  EDT$WFREABCK EDT$WFREABCK - read previous line
                                                .IDENT  \V04-000\

                                                .EXTRN  EDT$$WF_MAKECUR
                                                .EXTRN  EDT$$A_CUR_BUF, EDT$$A_WK_BUK
                                                .EXTRN  EDT$$G_WK_CURBUK
                                                .EXTRN  EDT$$L_LN00, EDT$$A_WK_LN

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

                                    001C 00000  .ENTRY  EDT$$RD_PRVLN, Save R2,R3,R4                    ; 0658
                54 00000000G   00    9E 00002  MOVAB   EDT$$A_CUR_BUF, R4
                53 00000000G   00    9E 00009  MOVAB   EDT$$A_WK_BUK, R3
                50             64    D0 00010  MOVL    EDT$$A_CUR_BUF, R0                            ; 0708
                         0C    A0    B4 00013  CLRW    12(R0)
                08             60    D1 00016  CMPL    (R0), #8                                      ; 0713
                               23    12 00019  BNEQ    1$
                50             63    D0 0001B  MOVL    EDT$$A_WK_BUK, R0                             ; 0716
                               60    B5 0001E  TSTW    (R0)
                               4E    13 00020  BEQL    3$
                7E             60    3C 00022  MOVZWL  (R0), -(SP)                                   ; 0724
00000000G       00             01    FB 00025  CALLS   #1, EDT$$WF_MAKECUR
                51             64    D0 0002C  MOVL    EDT$$A_CUR_BUF, R1                            ; 0725
                50             63    D0 0002F  MOVL    EDT$$A_WK_BUK, R0
                61       04    A0    D0 00032  MOVL    4(R0), (R1)
          04    A1 00000000G   00    B0 00036  MOVW    EDT$$G_WK_CURBUK, 4(R1)                       ; 0726
```

```
                                50              64  D0 0003E 1$:    MOVL    EDT$$A_CUR_BUF, R0                      ; 0732
                                52              63  D0 00041        MOVL    EDT$$A_WK_BUK, R2                       ; 0733
                          51    52              60  C1 00044        ADDL3   (R0), R2, R1                            ;
                                51        FF    A1  9A 00048        MOVZBL  -1(R1), R1                              ;
                          51    60              51  C3 0004C        SUBL3   R1, (R0), R1                            ;
                                60        F8    A1  9E 00050        MOVAB   -8(R1), (R0)                            ; 0734
                                51        06    A0  D0 00054        MOVL    6(R0), SAVE                             ; 0735
                                          06    A0  D7 00058        DECL    6(R0)                                   ;
                                51        06    A0  D1 0005B        CMPL    6(R0), SAVE                             ;
                                                  03  1B 0005F        BLEQU   2$                                      ;
                                          0A    A0  B7 00061        DECW    10(R0)                                  ;
          00000000G  00         52              60  C1 00064 2$:    ADDL3   (R0), R2, EDT$$A_WK_LN                  ; 0739
                                50              01  D0 0006C        MOVL    #1, R0                                  ; 0740
                                                04  0006F        RET                                             ;
                                              50  D4 00070 3$:    CLRL    R0                                      ; 0741
                                                04  00072        RET                                             ;

; Routine Size:  115 bytes,    Routine Base:  _EDT$CODE + 0000

;  172          0742  1
;  173          0743  1 !<BLF/PAGE>
```

```
;  175          0744  1 END                                   ! of module EDT$WFREABCK
;  176          0745  1
;  177          0746  0 ELUDOM



;                                  PSECT SUMMARY
;
;       Name                    Bytes                           Attributes
;
;  _EDT$CODE                        115  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         42        11           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$:WFREABCK/OBJ=OBJ$:WFREABCK MSRC$:WFREABCK.BLI/UPDATE=(ENH$:WFRE
;       ABCK)

; Size:          115 code + 0 data bytes
; Run Time:          00:12.5
; Elapsed Time:      00:16.9
; Lines/CPU Min:      3589
; Lexemes/CPU-Min: 12880
; Memory Used:  85 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