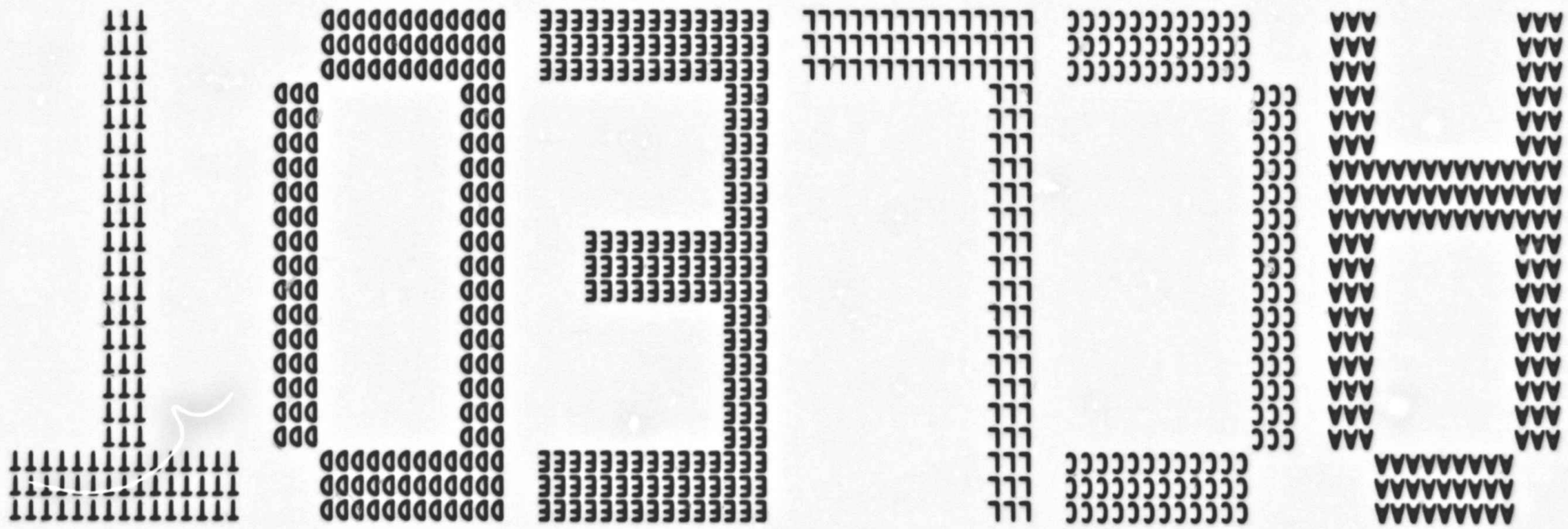

**FILE**ID**AEDCLENUP

```
;  1     0001  0 MODULE AED$CLEANUP (
;  2     0002  0                     LANGUAGE (BLISS32),
;  3     0003  0                     IDENT = 'V04-000'
;  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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; 19     0019  1 !*                                                                         *
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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:     Miscellaneous utilities
; 33     0033  1 !
; 34     0034  1 ! ABSTRACT:
; 35     0035  1 !
; 36     0036  1 !       This module contains routines to restore the user's environment to
; 37     0037  1 !       the same as it was before the editing session began (unneeded files
; 38     0038  1 !       are deleted, terminal characteristics reset, etc).
; 39     0039  1 !
; 40     0040  1 ! ENVIRONMENT:
; 41     0041  1 !
; 42     0042  1 !       VAX/VMS operating system, user mode utilities.
; 43     0043  1 !
; 44     0044  1 !--
; 45     0045  1 !
; 46     0046  1 !
; 47     0047  1 ! AUTHOR:       L. Mark Pilant          CREATION DATE:  12-Nov-1982  9:50
; 48     0048  1 !
; 49     0049  1 ! MODIFIED BY:
; 50     0050  1 !
; 51     0051  1 !       V03-004 LMP0213         L. Mark Pilant,         24-Mar-1984  12:23
; 52     0052  1 !               Add support for locking and unlocking the object's ACL.
; 53     0053  1 !
; 54     0054  1 !       V03-003 LMP0172         L. Mark Pilant,         28-Nov-1983  12:11
; 55     0055  1 !               Numerous bug fixes, support for VT2xx terminals, and a
; 56     0056  1 !               session keystroke logger.
; 57     0057  1 !
```

```
;    58          0058  1 !       V03-002 LMP0144         L. Mark Pilant,         25-Aug-1983  10:18
;    59          0059  1 !               Leave keypad application mode on if it was on initially.
;    60          0060  1 !
;    61          0061  1 !       V03-001 LMP0076         L. Mark Pilant,         10-Feb-1983  15:36
;    62          0062  1 !               Reset the scrolling region upon leaving the editor.
;    63          0063  1 !
;    64          0064  1 !**
;    65          0065  1
;    66          0066  1 LIBRARY 'SYS$LIBRARY:LIB.L32';
;    67          0067  1 LIBRARY 'SYS$LIBRARY:TPAMAC.L32';
;    68          0068  1 REQUIRE 'SRC$:ACLEDTDEF';
```

```
;    70          0521  1 FORWARD ROUTINE
;    71          0522  1           AED_CLEANUP     : NOVALUE;              ! Reset screen characteristics
;    72          0523  1
;    73          0524  1 EXTERNAL ROUTINE
;    74          0525  1           AED_SET_CURSOR,                         ! Set cursor position
;    75          0526  1           AED_PUTOUTPUT;                          ! Do terminal output
```

```
;    77          0527  1 GLOBAL ROUTINE AED_CLEANUP : NOVALUE =
;    78          0528  1
;    79          0529  1 !++
;    80          0530  1 !
;    81          0531  1 ! FUNCTIONAL DESCRIPTION:
;    82          0532  1 !
;    83          0533  1 !       This routine sets the scope characteristics back to normal.  This
;    84          0534  1 !       means: (1) the normal keypad and (2) no scrolling region if any.
;    85          0535  1 !       If the terminal is not a scope, this routine is a no-op.
;    86          0536  1 !
;    87          0537  1 ! CALLING SEQUENCE:
;    88          0538  1 !       AED_CLEANUP ()
;    89          0539  1 !
;    90          0540  1 ! INPUT PARAMETERS:
;    91          0541  1 !       none
;    92          0542  1 !
;    93          0543  1 ! IMPLICIT INPUTS:
;    94          0544  1 !       AED_W_TERMIN: terminal input channel
;    95          0545  1 !       AED_W_TERMOUT: terminal output channel
;    96          0546  1 !
;    97          0547  1 ! OUTPUT PARAMETERS:
;    98          0548  1 !       none
;    99          0549  1 !
;   100          0550  1 ! IMPLICIT OUTPUTS:
;   101          0551  1 !       none
;   102          0552  1 !
;   103          0553  1 ! ROUTINE VALUE:
;   104          0554  1 !       none
;   105          0555  1 !
;   106          0556  1 ! SIDE EFFECTS:
;   107          0557  1 !       1) Keypad is set back to its normal functions
;   108          0558  1 !       2) Scrolling region, if any, is set to include the entire screen
;   109          0559  1 !
;   110          0560  1 !--
;   111          0561  1
;   112          0562  2 BEGIN
;   113          0563  2
;   114          0564  2 LOCAL
;   115          0565  2         TERM_CHAR       : VECTOR [3],           ! Terminal characteristics
;   116          0566  2         LOCAL_IOSB      : VECTOR [4,WORD],      ! I/O Status block
;   117          0567  2         LOCAL_STATUS;                           ! Routine exit status
;   118          0568  2
;   119          0569  2 ! Check to make sure the terminal is a scope.
;   120          0570  2
;   121          0571  2 IF NOT .AED_L_FLAGS[AED_V_SCOPE] THEN RETURN 1;
;   122          0572  2
;   123          0573  2 ! Set terminal wrapping if necessary.
;   124          0574  2
;   125          0575  2 IF .AED_L_FLAGS[AED_V_WRAP]
;   126          0576  2 THEN
;   127          0577  3     BEGIN
;   128        P 0578  3     LOCAL_STATUS = $QIOW (CHAN = .AED_W_TERMOUT,
;   129        P 0579  3                           FUNC = IO$_SENSEMODE,
;   130        P 0580  3                           IOSB = LOCAL_IOSB,
;   131          0581  3                           P1 = TERM_CHAR);
;   132          0582  3     IF .LOCAL_STATUS THEN LOCAL_STATUS = .LOCAL_IOSB[0];
;   133          0583  3     IF NOT .LOCAL_STATUS THEN SIGNAL (.LOCAL_STATUS);
```

```
;  134          0584  3      TERM_CHAR[1] = .TERM_CHAR[1] OR TT$M_WRAP;
;  135        P 0585  3      LOCAL_STATUS = $QIOW (CHAN = .AED_W_TERMOUT,
;  136        P 0586  3                            FUNC = IO$_SETMODE,
;  137        P 0587  3                            IOSB = LOCAL_IOSB,
;  138          0588  3                            P1 = TERM_CHAR);
;  139          0589  3      IF .LOCAL_STATUS THEN LOCAL_STATUS = .LOCAL_IOSB[0];
;  140          0590  3      IF NOT .LOCAL_STATUS THEN SIGNAL (.LOCAL_STATUS);
;  141          0591  3      END;
;  142          0592  2
;  143          0593  2  ! Reset the keypad, if necessary.
;  144          0594  2
;  145          0595  2  IF NOT .AED_L_FLAGS[AED_V_APPLICAT]
;  146          0596  2  THEN
;  147          0597  3      BEGIN
;  148          0598  3      LOCAL_STATUS = AED_PUTOUTPUT ($DESCRIPTOR (%CHAR (AED_C_CHAR_ESC), '>'));
;  149          0599  3      IF NOT .LOCAL_STATUS THEN SIGNAL (.LOCAL_STATUS);
;  150          0600  3      END;
;  151          0601  2
;  152          0602  2  ! Reset the scrolling region.
;  153          0603  2
;  154          0604  2  SCR$SET_SCROLL (1, 24);
;  155          0605  2
;  156          0606  2  AED_SET_CURSOR (23, 1);
;  157          0607  2
;  158          0608  2  RETURN 1;
;  159          0609  2
;  160          0610  1  END;                                   ! End of routine AED_CLEANUP


                                .TITLE  AED$CLEANUP
                                .IDENT  \V04-000\

                                .PSECT  AED_COMMON,NOEXE,  OVR,0

00000 AED_L_FLAGS:
                                .BLKB   4
00004 AED_B_OPTIONS:
                                .BLKB   1
00005                           .BLKB   3
00008 AED_L_OBJTYP:
                                .BLKB   4
0000C AED_Q_OBJNAM:
                                .BLKB   8
00014 AED_L_WORSTERR:
                                .BLKB   4
00018 AED_L_PAGEWIDTH:
                                .BLKB   4
0001C AED_L_PAGESIZE:
                                .BLKB   4
00020 AED_B_COLUMN:
                                .BLKB   1
00021                           .BLKB   3
00024 AED_B_LINE:
                                .BLKB   1
00025                           .BLKB   3
00028 AED_B_SAVE_COL:
                                .BLKB   1
```

```
00029                   .BLKB   3
0002C AED_B_SAVE_LIN:
                        .BLKB   1
0002D                   .BLKB   3
00030 AED_Q_LINETABLE:
                        .BLKB   12
0003C AED_L_CURACE:
                        .BLKB   4
00040 AED_L_FIRSTLINE:
                        .BLKB   4
00044 AED_L_LASTLINE:
                        .BLKB   4
00048 AED_L_BEGINLINE:
                        .BLKB   4
0004C AED_W_INPUTLEN:
                        .BLKB   2
0004E                   .BLKB   2
00050 AED_Q_DEL_ACE:
                        .BLKB   8
00058 AED_Q_DEL_LINE:
                        .BLKB   8
00060 AED_Q_DEL_WORD:
                        .BLKB   8
00068 AED_B_DEL_CHAR:
                        .BLKB   1
00069                   .BLKB   3
0006C AED_A_ACLBUFFER:
                        .BLKB   4
00070 AED_Q_OUTLINE:
                        .BLKB   8
00078 AED_W_OBJCHAN:
                        .BLKB   2
0007A                   .BLKB   2
0007C AED_W_TERMIN:
                        .BLKB   2
0007E                   .BLKB   2
00080 AED_W_TERMOUT:
                        .BLKB   2
00082                   .BLKB   2
00084 AED_W_IOSB:
                        .BLKB   8
0008C AED_L_STATUS:
                        .BLKB   4
00090 AED_B_FIELD:
                        .BLKB   1
00091                   .BLKB   3
00094 AED_W_FIELDBEG:
                        .BLKB   2
00096                   .BLKB   2
00098 AED_W_FIELDEND:
                        .BLKB   2
0009A                   .BLKB   2
0009C AED_B_ITEM:
                        .BLKB   1
0009D                   .BLKB   3
000A0 AED_W_ITEMBEG:
                        .BLKB   2
```

```
                        000A2                   .BLKB   2
                        000A4 AED_W_ITEMEND:
                                                .BLKB   2
                        000A6                   .BLKB   2
                        000A8 AED_B_ACETYPE:
                                                .BLKB   1
                        000A9                   .BLKB   3
                        000AC AED_W_JOURNAL:
                                                .BLKB   2
                        000AE                   .BLKB   2
                        000B0 AED_T_CURLINE:
                                                .BLKB   532
                        002C4 AED_W_TOTALSIZE:
                                                .BLKB   2
                        002C6                   .BLKB   2
                        002C8 JOURNAL_FAB:
                                                .BLKB   80
                        00318 JOURNAL_NAM:
                                                .BLKB   96
                        00378 JOURNAL_RAB:
                                                .BLKB   68
                        003BC JOURNAL_XABPRO:
                                                .BLKB   88
                        00414 JOURNAL_BUFFER:
                                                .BLKB   10
                        0041E                   .BLKB   2
                        00420 JOURNAL_INDEX:
                                                .BLKB   4
                        00424 RECOVER_FAB:
                                                .BLKB   80
                        00474 RECOVER_NAM:
                                                .BLKB   96
                        004D4 RECOVER_RAB:
                                                .BLKB   68
                        00518 RECOVER_BUFFER:
                                                .BLKB   10
                        00522                   .BLKB   2
                        00524 RECOVER_INDEX:
                                                .BLKB   4

                                                .PSECT  $PLIT$,NOWRT,NOEXE,2

                     1B 00000 P.AAB:            .ASCII  <27>                    ;
                     3E 00001                   .ASCII  \>\                     ;
                        00002                   .BLKB   2
                00000002 00004 P.AAA:           .LONG   2                       ;
                00000000' 00008                 .ADDRESS P.AAB                  ;

                                                .EXTRN  CLI$GET_VALUE, CLI$PRESENT
                                                .EXTRN  LIB$FREE_VM, LIB$GET_VM
                                                .EXTRN  LIB$TPARSE, SCR$DOWN_SCROLL
                                                .EXTRN  SCR$ERASE_LINE, SCR$ERASE_PAGE
                                                .EXTRN  SCR$SET_CURSOR, SCR$SET_SCROLL
                                                .EXTRN  SCR$UP_SCROLL, AED$_OBJLOCKED
                                                .EXTRN  AED$_BADKEEP, AED$_LOCATERR
                                                .EXTRN  AED$_INIREADERR
                                                .EXTRN  AED$_JOUWRITERR
```

```
                                        .EXTRN  AED$_JOUOPENOUT
                                        .EXTRN  AED$_JOUCLOSOUT
                                        .EXTRN  AED$_RECREADERR
                                        .EXTRN  AED$_RECOPENIN, AED$_RECLOSEIN
                                        .EXTRN  AED$_BADUIC, AED$_BADGRPMEM
                                        .EXTRN  AED$_SYNTAX, AED$_BADTYPE
                                        .EXTRN  AED$_NOITEMSEL, AED$_MUSTENTER
                                        .EXTRN  AED$_INIOPENIN, AED$_INICLOSIN
                                        .EXTRN  AED$_DEFSYNTAX, AED$_NODELETE
                                        .EXTRN  AED$_NOMODIFY, AED$_NOHIDDEN
                                        .EXTRN  AED$_DUPLICATE, AED$_NOCOMBINE
                                        .EXTRN  AED$_NODEFAULT, AED$_NOCTRLCHAR
                                        .EXTRN  AED$_NOTFOUND, AED$_CONTROL_C
                                        .EXTRN  AED$_ACLUPDATED
                                        .EXTRN  AED$_NOCHANGE, AED_SET_CURSOR
                                        .EXTRN  AED_PUTOUTPUT, SYS$QIOW
                                        .EXTRN  LIB$SIGNAL

                                        .PSECT  $CODE$,NOWRT,2

                        00FC 00000      .ENTRY  AED_CLEANUP, Save R2,R3,R4,R5,R6,R7     ; 0527
57 00000000G   00   9E  00002           MOVAB   SYS$QIOW, R7                            ;
56 00000000G   00   9E  00009           MOVAB   LIB$SIGNAL, R6                          ;
55 00000000G   00   9E  00010           MOVAB   SCR$ERASE_PAGE, R5                      ;
54 00000000G   00   9E  00017           MOVAB   SCR$SET_CURSOR, R4                      ;
53      0000'  CF   9E  0001E           MOVAB   AED_L_FLAGS, R3                         ;
5E             14   C2  00023           SUBL2   #20, SP                                 ;
01        63        03   E0  00026           BBS     #3, AED_L_FLAGS, 1$               ; 0571
                    04   0002A           RET                                         ;
03        63        04   E0  0002B 1$:     BBS     #4, AED_L_FLAGS, 2$               ; 0575
                00C8  31   0002F           BRW     10$                                 ;
                   7E   7C  00032 2$:      CLRQ    -(SP)                             ; 0581
                   7E   7C  00034          CLRQ    -(SP)                             ;
                   7E   D4  00036          CLRL    -(SP)                             ;
                1C AE   9F  00038          PUSHAB  TERM_CHAR                         ;
                   7E   7C  0003B          CLRQ    -(SP)                             ;
                20 AE   9F  0003D          PUSHAB  LOCAL_IOSB                        ;
                   27   DD  00040          PUSHL   #39                               ;
             7E  0080  C3   3C  00042          MOVZWL  AED_W_TERMOUT, -(SP)          ;
                   7E   D4  00047          CLRL    -(SP)                             ;
             67        0C   FB  00049          CALLS   #12, SYS$QIOW                 ;
             52        50   D0  0004C          MOVL    R0, LOCAL_STATUS              ;
             06        52   E9  0004F          BLBC    LOCAL_STATUS, 3$              ; 0582
             52        6E   3C  00052          MOVZWL  LOCAL_IOSB, LOCAL_STATUS      ;
             3C        52   E8  00055          BLBS    LOCAL_STATUS, 6$              ; 0583
0E           63        03   E1  00058 3$:     BBC     #3, AED_L_FLAGS, 4$           ;
                   01   DD  0005C          PUSHL   #1                                ;
                   15   DD  0005E          PUSHL   #21                               ;
             65        02   FB  00060          CALLS   #2, SCR$ERASE_PAGE            ;
                   01   DD  00063          PUSHL   #1                                ;
                   15   DD  00065          PUSHL   #21                               ;
             64        02   FB  00067          CALLS   #2, SCR$SET_CURSOR            ;
                   52   DD  0006A 4$:      PUSHL   LOCAL_STATUS                      ;
             66        01   FB  0006C          CALLS   #1, LIB$SIGNAL                ;
0B           63        03   E1  0006F          BBC     #3, AED_L_FLAGS, 5$           ;
          7E  20   A3   9A  00073          MOVZBL  AED_B_COLUMN, -(SP)               ;
          7E  24   A3   9A  00077          MOVZBL  AED_B_LINE, -(SP)                 ;
```

```
                        64              02 FB 0007B             CALLS   #2, SCR$SET_CURSOR                              ;
                        07              52 93 0007E 5$:         BITB    LOCAL_STATUS, #7                                ;
                                        11 13 00081             BEQL    6$                                              ;
           50       52                  03 00 EF 00083          EXTZV   #0, #3, LOCAL_STATUS, R0                        ;
           50  14   A3                   03 00 ED 00088          CMPZV   #0, #3, AED_L_WORSTERR, R0                      ;
                                        04 18 0008E             BGEQ    6$                                              ;
                    14  A3              52 D0 00090             MOVL    LOCAL_STATUS, AED_L_WORSTERR                    ;
                    0D  AE              02 88 00094 6$:         BISB2   #2, TERM_CHAR+4                                 ; 0584
                                        7E 7C 00098             CLRQ    -(SP)                                           ; 0588
                                        7E 7C 0009A             CLRQ    -(SP)                                           ;
                                        7E D4 0009C             CLRL    -(SP)                                           ;
                            1C          AE 9F 0009E             PUSHAB  TERM_CHAR                                       ;
                                        7E 7C 000A1             CLRQ    -(SP)                                           ;
                            20          AE 9F 000A3             PUSHAB  LOCAL_IOSB                                      ;
                                        23 DD 000A6             PUSHL   #35                                             ;
                        7E          0080    C3 3C 000A8         MOVZWL  AED_W_TERMOUT, -(SP)                            ;
                                        7E D4 000AD             CLRL    -(SP)                                           ;
                        67              0C FB 000AF             CALLS   #12, SYS$QIOW                                   ;
                        52              50 D0 000B2             MOVL    R0, LOCAL_STATUS                                ;
                        06              52 E9 000B5             BLBC    LOCAL_STATUS, 7$                                ; 0589
                        52              6E 3C 000B8             MOVZWL  LOCAL_IOSB, LOCAL_STATUS                        ;
                        3C              52 E8 000BB             BLBS    LOCAL_STATUS, 10$                               ; 0590
                    0E                  03 E1 000BE 7$:         BBC     #3, AED_L_FLAGS, 8$                             ;
                                        01 DD 000C2             PUSHL   #1                                              ;
                                        15 DD 000C4             PUSHL   #21                                             ;
                        65              02 FB 000C6             CALLS   #2, SCR$ERASE_PAGE                              ;
                                        01 DD 000C9             PUSHL   #1                                              ;
                                        15 DD 000CB             PUSHL   #21                                             ;
                        64              02 FB 000CD             CALLS   #2, SCR$SET_CURSOR                              ;
                                        52 DD 000D0 8$:         PUSHL   LOCAL_STATUS                                    ;
                        66              01 FB 000D2             CALLS   #1, LIB$SIGNAL                                  ;
                    0B                  03 E1 000D5             BBC     #3, AED_L_FLAGS, 9$                             ;
                                    20  7E A3 9A 000D9          MOVZBL  AED_B_COLOMN, -(SP)                             ;
                                    24  7E A3 9A 000DD          MOVZBL  AED_B_LINE, -(SP)                               ;
                        64              02 FB 000E1             CALLS   #2, SCR$SET_CURSOR                              ;
                        07              52 93 000E4 9$:         BITB    LOCAL_STATUS, #7                                ;
                                        11 13 000E7             BEQL    10$                                             ;
           50       52                  03 00 EF 000E9          EXTZV   #0, #3, LOCAL_STATUS, R0                        ;
           50  14   A3                   03 00 ED 000EE          CMPZV   #0, #3, AED_L_WORSTERR, R0                      ;
                                        04 18 000F4             BGEQ    10$                                             ;
                    14  A3              52 D0 000F6             MOVL    LOCAL_STATUS, AED_L_WORSTERR                    ;
                    4B  02              A3 06 E0 000FA 10$:     BBS     #6, AED_L_FLAGS+2, 13$                          ; 0595
                                    0000'   CF 9F 000FF         PUSHAB  P.AAA                                           ; 0598
                            0000G       CF  01 FB 00103         CALLS   #1, AED_PUTOUTPUT                               ;
                                        52 50 D0 00108          MOVL    R0, LOCAL_STATUS                                ;
                                        3C 52 E8 0010B          BLBS    LOCAL_STATUS, 13$                               ; 0599
                    0E                  63 03 E1 0010E          BBC     #3, AED_L_FLAGS, 11$                            ;
                                        01 DD 00112             PUSHL   #1                                              ;
                                        15 DD 00114             PUSHL   #21                                             ;
                        65              02 FB 00116             CALLS   #2, SCR$ERASE_PAGE                              ;
                                        01 DD 00119             PUSHL   #1                                              ;
                                        15 DD 0011B             PUSHL   #21                                             ;
                        64              02 FB 0011D             CALLS   #2, SCR$SET_CURSOR                              ;
                                        52 DD 00120 11$:        PUSHL   LOCAL_STATUS                                    ;
                        66              01 FB 00122             CALLS   #1, LIB$SIGNAL                                  ;
                    0B                  63 03 E1 00125          BBC     #3, AED_L_FLAGS, 12$                            ;
                                    20  7E A3 9A 00129          MOVZBL  AED_B_COLOMN, -(SP)                             ;
```

```
                                7E      24  A3  9A 0012D          MOVZBL  AED_B_LINE, -(SP)                                   ;
                                64          02  FB 00131          CALLS   #2, SCR$SET_CURSOR                                  ;
                                07          52  93 00134 12$:     BITB    LOCAL_STATUS, #7                                    ;
                                            11  13 00137          BEQL    13$                                                 ;
          50        52          03          00  EF 00139          EXTZV   #0, #3, LOCAL_STATUS, R0                            ;
          50   14   A3          03          00  ED 0013E          CMPZV   #0, #3, AED_L_WORSTERR, R0                          ;
                                            04  18 00144          BGEQ    13$                                                 ;
                           14   A3          52  D0 00146          MOVL    LOCAL_STATUS, AED_L_WORSTERR                        ;
                                            18  DD 0014A 13$:     PUSHL   #24                                                 ; 0604
                                            01  DD 0014C          PUSHL   #1                                                  ;
                    00000000G   00          02  FB 0014E          CALLS   #2, SCR$SET_SCROLL                                  ;
                                            01  DD 00155          PUSHL   #1                                                  ; 0606
                                            17  DD 00157          PUSHL   #23                                                 ;
                        0000G   CF          02  FB 00159          CALLS   #2, AED_SET_CURSOR                                  ;
                                            04  0015E          RET                                                         ; 0610

; Routine Size:  351 bytes,    Routine Base:  $CODE$ + 0000

;  161          0611  1
;  162          0612  1 END
;  163          0613  0 ELUDOM



;                                   PSECT SUMMARY
;
;      Name                         Bytes                          Attributes
;
; AED_COMMON                        1320  NOVEC,  WRT,  RD ,NOEXE,NOSHR,  LCL,  REL,  OVR,NOPIC,ALIGN(0)
; $PLIT$                              12  NOVEC,NOWRT,  RD ,NOEXE,NOSHR,  LCL,  REL,  CON,NOPIC,ALIGN(2)
; $CODE$                             351  NOVEC,NOWRT,  RD ,  EXE,NOSHR,  LCL,  REL,  CON,NOPIC,ALIGN(2)



;                               Library Statistics
;
;                                  -------- Symbols --------      Pages       Processing
;      File                        Total    Loaded   Percent      Mapped      Time
;
; _$255$DUA28:[SYSLIB]LIB.L32;1     18619        28         0        1000        00:01.8
; _$255$DUA28:[SYSLIB]TPAMAC.L32;1     42         0         0          14        00:00.2



;                                   COMMAND QUALIFIERS
;
;       BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/LIS=LIS$:AEDCLENUP/OBJ=OBJ$:AEDCLENUP MSRC$:AEDCLENUP/UPDATE=(ENH$:AEDCLENUP)
```

```
; Size:          351 code + 1332 data bytes
; Run Time:        00:12.2
; Elapsed Time:    00:30.5
; Lines/CPU Min:    3024
; Lexemes/CPU-Min: 25287
; Memory Used:  185 pages
; Compilation Complete
```

AEDCLENUP
LIS

SYMBOLS
LIS

UTILITY
LIS

ACLEDTDEF
REQ

ACLEDT

SETSHOACL
MAP

ACLEDT
MAP

AEDLCLDEE
SDL

SUMMARY
LIS

SYMBOLMSG
LIS

AEDDECODE
LIS