



```

PPPPPPPP      000000      SSSSSSSS      BBBB8888      EEEEEEEEEEE
PPPPPPPP      000000      SSSSSSSS      BBBB8888      EEEEEEEEEEE
PP      PP      00      00      SS      BB      BB      EE
PP      PP      00      00      SS      BB      BB      EE
PP      PP      00      00      SS      BB      BB      EE
PP      PP      00      00      SS      BB      BB      EE
PPPPPPPP      00      00      SSSSSS      BBBB8888      EEEEEEEEEEE
PPPPPPPP      00      00      SSSSSS      BBBB8888      EEEEEEEEEEE
PP      00      00      SS      BB      BB      EE
PP      00      00      SS      BB      BB      EE
PP      00      00      SS      BB      BB      EE
PP      00      00      SS      BB      BB      EE
PP      000000      SSSSSSSS      BBBB8888      EEEEEEEEEEE
PP      000000      SSSSSSSS      BBBB8888      EEEEEEEEEEE

```

```

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
LLLLLLLLLLLL IIIIII      SSSSSSSS
LLLLLLLLLLLL IIIIII      SSSSSSSS

```

```

1 0001 0 MODULE POSBE (LANGUAGE (BLISS32),
2 0002 0 IDENT = 'V04-000',
3 0003 0 ) =
4 0004 1 BEGIN
5 0005 1
6 0006 1 *****
7 0007 1 *
8 0008 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY *
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25 0025 1 *
26 0026 1 *
27 0027 1 *****
28 0028 1
29 0029 1 ++
30 0030 1
31 0031 1 FACILITY: MTAACP
32 0032 1
33 0033 1 ABSTRACT:
34 0034 1 This module positions to the beginning or to the end of the volume set
35 0035 1
36 0036 1
37 0037 1 ENVIRONMENT:
38 0038 1
39 0039 1 VMS operating system, including privileged system services
40 0040 1 and internal exec routines.
41 0041 1
42 0042 1 --
43 0043 1
44 0044 1
45 0045 1
46 0046 1 AUTHOR: D. H. GILLESPIE, CREATION DATE: 14-JUL-1977
47 0047 1
48 0048 1 MODIFIED BY:
49 0049 1
50 0050 1 V02-004 REFORMAT Maria del C. Nasr 30-Jun-1980
51 0051 1
52 0052 1
53 0053 1 **
54 0054 1
55 0055 1 LIBRARY 'SYS$LIBRARY:LIB.L32';
56 0056 1
57 0057 1 REQUIRE 'SRC$:MTADEF.B32';
    
```

POSBE  
V04-000

: 58

0441 1

M 3  
16-Sep-1984 02:28:38  
14-Sep-1984 12:46:46

VAX-11 BLISS-32 V4.0-742  
DISK\$VMSMASTER:[MTAACP.SRC]POSBE.B32;1 Page (1) 2

RDA  
V04

.....

```

: 60 0442 1 GLOBAL ROUTINE POSITION_TO_END : COMMON_CALL NOVALUE =
: 61 0443 1
: 62 0444 1 !++
: 63 0445 1
: 64 0446 1 FUNCTIONAL DESCRIPTION:
: 65 0447 1 This routine positions the volume set at the end
: 66 0448 1
: 67 0449 1 CALLING SEQUENCE:
: 68 0450 1 POSITION_TO_END()
: 69 0451 1
: 70 0452 1 INPUT PARAMETERS:
: 71 0453 1 NONE
: 72 0454 1
: 73 0455 1 IMPLICIT INPUTS:
: 74 0456 1 CURRENT_VCB - address of current vcb
: 75 0457 1 CURRENT_WCB - address of current wcb
: 76 0458 1
: 77 0459 1 OUTPUT PARAMETERS:
: 78 0460 1 NONE
: 79 0461 1
: 80 0462 1 IMPLICIT OUTPUTS:
: 81 0463 1 NONE
: 82 0464 1
: 83 0465 1 ROUTINE VALUE:
: 84 0466 1 NONE
: 85 0467 1
: 86 0468 1 SIDE EFFECTS:
: 87 0469 1 The volume set is positioned to the end
: 88 0470 1 If the dummy file is found, then the tape is positioned before the dummy file
: 89 0471 1
: 90 0472 1 USER ERRORS:
: 91 0473 1 $$$_FILALRACC - can not position to end if a file is already accessed
: 92 0474 1
: 93 0475 1 --
: 94 0476 1
: 95 0477 2 BEGIN
: 96 0478 2
: 97 0479 2 EXTERNAL REGISTER
: 98 0480 2 COMMON_REG;
: 99 0481 2
: 100 0482 2 LOCAL
: 101 0483 2 MVL : REF BBLOCK, ! mag tape volume list
: 102 0484 2 LASTVOL; ! rvn of last volume
: 103 0485 2
: 104 0486 2 EXTERNAL
: 105 0487 2
: 106 0488 2 ! address of current window control block
: 107 0489 2
: 108 0490 2 CURRENT_WCB : REF BBLOCK;
: 109 0491 2
: 110 0492 2 EXTERNAL ROUTINE
: 111 0493 2 CLOSE_FILE : L$CLOSE_FILE, ! close file
: 112 0494 2 GET_START_HDR : L$GET_START_HDR, ! get start headers
: 113 0495 2 SPACE_EOF : COMMON_CALL; ! space to end of file
: 114 0496 2
: 115 0497 2 ! this function is not legal if a file is open
: 116 0498 2

```

```

: 117      0499      1
: 118      0500
: 119      0501      2
: 120      0502      2
: 121      0503      2
: 122      0504      2
: 123      0505      2
: 124      0506      2
: 125      0507      2
: 126      0508      2
: 127      0509      2
: 128      0510      2
: 129      0511      2
: 130      0512      2
: 131      0513      2
: 132      0514      2
: 133      0515      2
: 134      0516      2
: 135      0517      2
: 136      0518      2
: 137      0519      2
: 138      0520      2
: 139      0521      2
: 140      0522      2
: 141      0523      1

```

```

IF .CURRENT_WCB NEQU 0
THEN
  ERR_EXIT(SS$_FILALRACC);

IF .CURRENT_VCB[VCB$_PARTFILE]
THEN
  CLOSE_FILE();

WHILE 1
DO
  BEGIN
    IF NOT GET_START_HDR()
    THEN
      EXITLOOP;

    IF .CURRENT_VCB[VCB$_CUR_NUM] EQLU 0
    THEN
      EXITLOOP;

    SPACE_EOF();
  END;
END;

```

! space to end of current file

! end of routine

```

.TITLE POSBE
.IDENT \V04-000\

.EXTRN CURRENT_WCB, CLOSE_FILE
.EXTRN GET_START_HDR, SPACE_EOF

.PSECT $CODE$,NOWRT,2

```

```

0000G 0400 00000
      CF D5 00002
      04 13 00006
00A4 8F BF 00008
      AB E9 0000C 1$:
0000G 30 00010
      0000G 30 00013 2$:
      50 E9 00016
0C 24 AB B5 00019
      07 13 0001C
0000G CF 00 FB 0001E
      EE 11 00023
      04 00025 3$:

```

```

.ENTRY POSITION_TO_END, Save R10
TSTL CURRENT_WCB : 0442
BEQL 1$ : 0500
CHMU #164 :
BLBC 11(CURRENT_VCB), 2$ : 0502
BSBW CLOSE_FILE : 0504
BSBW GET_START_HDR : 0512
BLBC R0, 3$ :
TSTW 36(CURRENT_VCB) : 0516
BEQL 3$ :
CALLS #0, SPACE_EOF : 0520
BRB 2$ : 0508
RET : 0523

```

; Routine Size: 38 bytes, Routine Base: \$CODE\$ + 0000

```

: 142      0524      1
: 143      0525      1 END
: 144      0526      1
: 145      0527      0 ELLDOM

```

PSECT SUMMARY

```
:  
: Name Bytes Attributes  
: $CODE$ 38 NOVEC,NOWRT, RD , EXE,NOSHR, LCL, REL, CON,NOPIC,ALIGN(2)
```

Library Statistics

```
:  
: File Total Symbols Loaded Percent Pages Mapped Processing Time  
: _$255$DUA28:[SYSLIB]LIB.L32;1 18619 7 0 1000 00:01.9
```

COMMAND QUALIFIERS

```
: BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/LIS=LIS$:POSBE/OBJ=OBJ$:POSBE MSRC$:POSBE/UPDATE=(ENH$:POSBE)
```

```
: 146 0528 0  
: Size: 38 code + 0 data bytes  
: Run Time: 00:05.8  
: Elapsed Time: 00:13.2  
: Lines/CPU Min: 5471  
: Lexemes/CPU-Min: 20176  
: Memory Used: 70 pages  
: Compilation Complete
```

