


```

LL      111111  88888888  MM      MM      000000  VV      VV      TTTTTTTTTT  UU      UU      CCCCCCCC
LL      111111  88888888  MM      MM      000000  VV      VV      TTTTTTTTTT  UU      UU      CCCCCCCC
LL      11      88      88  MMMM  MMMM  00      00  VV      VV      TT      UU      UU      CC
LL      11      88      88  MMMM  MMMM  00      00  VV      VV      TT      UU      UU      CC
LL      11      88      88  MM  MM  MM  00      00  VV      VV      TT      UU      UU      CC
LL      11      88888888  MM      MM      00      00  VV      VV      TT      UU      UU      CC
LL      11      88888888  MM      MM      00      00  VV      VV      TT      UU      UU      CC
LL      11      88      88  MM      MM      00      00  VV      VV      TT      UU      UU      CC
LL      11      88      88  MM      MM      00      00  VV      VV      TT      UU      UU      CC
LL      11      88      88  MM      MM      00      00  VV      VV      TT      UU      UU      CC
LL      11      88      88  MM      MM      00      00  VV      VV      TT      UU      UU      CC
LL      11      88      88  MM      MM      00      00  VV      VV      TT      UU      UU      CC
LL      11      88      88  MM      MM      00      00  VV      VV      TT      UU      UU      CC
LLLLLLLLLLLL  111111  88888888  MM      MM      000000  VV      VV      TT      UU      UU      CC
LLLLLLLLLLLL  111111  88888888  MM      MM      000000  VV      VV      TT      UU      UU      CC

```

```

LL      111111  SSSSSSSS
LL      111111  SSSSSSSS
LL      11      SS
LL      11      SS
LL      11      SS
LL      11      SS
LL      11      SSSSSS
LL      11      SSSSSS
LL      11      SS
LL      11      SS
LL      11      SS
LL      11      SS
LLLLLLLLLLLL  111111  SSSSSSSS
LLLLLLLLLLLL  111111  SSSSSSSS

```

(2) 82
(3) 112

DECLARATIONS
LIBSMOVTUC - translate and move until escape found

```
0000 1 .TITLE LIB$MOV TUC - Move translated until escape character
0000 2 .IDENT /1-012/ ; File: LIB$MOV TUC.MAR Edit: RKR1012
0000 3
0000 4
0000 5 :*****
0000 6 :*
0000 7 :* COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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0000 21 :*
0000 22 :* DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS
0000 23 :* SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
0000 24 :*
0000 25 :*
0000 26 :*****
0000 27 :
0000 28
0000 29 :++
0000 30 : FACILITY: General Utility Library
0000 31
0000 32 : ABSTRACT:
0000 33
0000 34 : A translate and move of the source string to the destination
0000 35 : is performed until an escape character is found.
0000 36
0000 37 : ENVIRONMENT: User Mode, AST Reentrant
0000 38
0000 39 :--
0000 40 : AUTHOR: Donald G. Petersen, CREATION DATE: 03-Jan-78
0000 41
0000 42 : MODIFIED BY:
0000 43
0000 44 : DGP, 03-Jan-78 : VERSION 00
0000 45 : 01 - Original
0000 46 : 00-02 - DGP 06-Jan-78 - Point to escape character properly
0000 47 : 00-03 - DGP 18-Jan-78 - add optional fifth argument (ECO)
0000 48 : 1-001 - Update version number and copyright notice. JBS 16-NOV-78
0000 49 : 1-002 - Add "" to PSECT directive. JBS 21-DEC-78
0000 50 : 1-003 - Handle dynamic destination strings. JBS 20-MAR-1979
0000 51 : 1-004 - Change OTSS$ and LIB$S to STR$. JBS 21-MAY-1979
0000 52 : 1-005 - Put all externals in .EXTRN directives. JBS 19-JUN-1979
0000 53 : 1-006 - Return zero if source string exhausted with no escape.
0000 54 : SPR 11-25936 SBL 7-Sept-1979
0000 55 : 1-007 - Use general addressing when calling external routines, to
0000 56 : make this routine position independent. JBS 15-SEP-1979
0000 57 : 1-008 - Enhance to recognize additional classes of string descriptors
```

```
0000 58 : by invoking LIB$ANALYZE_SDESC_R3 to extract length and address
0000 59 : of 1st data byte from descriptor.
0000 60 : Use LIB$GET1_DD instead of STR$GET1_DX to allocate space.
0000 61 : This should be faster and eliminates the need for establishing
0000 62 : LIB$STRT0_RET as a handler.
0000 63 : Fix error where bad results would be returned if the escape
0000 64 : character was the 65535th.
0000 65 : RKR 22-MAY-1981
0000 66 : 1-009 - Put back 1-006 fix, accidentally removed by 1-008. Analyze
0000 67 : source descriptor before allocating dest. SBL 23-Sept-1981
0000 68 : 1-010 - Add special-case code to process string descriptors that
0000 69 : "read" like fixed string descriptors.
0000 70 : Fix calling sequence to LIB$GET1_DD. Needs length by
0000 71 : reference.
0000 72 : RKR 8-OCT-1981.
0000 73 : 1-011 - Redirect jsb's from LIB$ANALYZE_SDESC_R3 to
0000 74 : LIB$ANALYZE_SDESC_R2. Reorganize register usage to free
0000 75 : R10 which can be removed from the entry mask.
0000 76 : RKR 18-NOV-1981
0000 77 : 1-012 - Fix case where we have dynamic or varying destination,
0000 78 : escape detected, and no fill supplied. Need to adjust length
0000 79 : of destination to be actual no. of chars. translated.
0000 80 : RKR 17-AUG-1982
```

```
0000 82 .SBTTL DECLARATIONS
0000 83 :
0000 84 : INCLUDE FILES:
0000 85 :
0000 86 : $DSCDEF ; Descriptor symbols
0000 87 :
0000 88 : MACROS:
0000 89 :
0000 90 : NONE
0000 91 :
0000 92 : EQUATED SYMBOLS:
0000 93 :
0000 94 : NONE
0000 95 :
0000 96 : OWN STORAGE:
0000 97 :
0000 98 : NONE
0000 99 :
0000 100 : PSECT DECLARATIONS:
0000 101 :
0000 102 : .PSECT _LIB$CODE PIC, SHR, LONG, EXE, NOWRT
0000 103 :
0000 104 : EXTERNALS
0000 105 :
0000 106 : .DSABL GBL ; Only explicit externals
0000 107 : .EXTRN LIB$SCOPY_R DX6 ; String copy by refrence
0000 108 : .EXTRN LIB$SGET1_DD ; Allocate a string
0000 109 : .EXTRN LIB$ANALYZE_SDESC_R2 ; Extract length and address of
0000 110 : ; 1st data byte
```

```

0000 112 .SBTTL LIB$MOVTUC - translate and move until escape found
0000 113 :++
0000 114 : FUNCTIONAL DESCRIPTION:
0000 115 :
0000 116 : Each character of the source string is used as an index into
0000 117 : the translation table. If the translation character is the
0000 118 : escape character then the move halts.
0000 119 : Otherwise the translated character is placed into the
0000 120 : destination string.
0000 121 : Translation continues until either the source or destination
0000 122 : strings are exhausted, or an escape character is found.
0000 123 : If an escape character is found, the relative index of the
0000 124 : character in the source string which translated into the
0000 125 : escape character is returned. Otherwise; a zero is returned.
0000 126 : If either string is of zero length, then a zero is returned.
0000 127 : If the destination string cannot be allocated, or a descriptor
0000 128 : can't be handled by LIB$ANALYZE_SDESC, a -1 is returned.
0000 129 :
0000 130 : CALLING SEQUENCE:
0000 131 :
0000 132 :     esc_index.wl.v = LIB$MOVTUC (src.rt.dx,
0000 133 :                               esc.rt.dx,
0000 134 :                               table.rt.dx,
0000 135 :                               dst.wt.dx
0000 136 :                               [,fill.rt.dx])
0000 137 :
0000 138 : INPUT PARAMETERS:
0000 139 :
00000004 0000 140 :     SOURCE = 4 ; Adr of source string desc.
00000008 0000 141 :     ESC = 8 ; Adr of escape string desc
0000000C 0000 142 :     TABLE = 12 ; Adr of translation table desc
00000014 0000 143 :     FILL = 20 ; Adr of fill character desc
0000 144 :
0000 145 : IMPLICIT INPUTS:
0000 146 :
0000 147 :     NONE
0000 148 :
0000 149 : OUTPUT PARAMETERS:
00000010 0000 151 :     DEST = 16 ; Adr of destination string desc
0000 152 :
0000 153 : IMPLICIT OUTPUTS:
0000 154 :
0000 155 :     NONE
0000 156 :
0000 157 : FUNCTION VALUE:
0000 158 :
0000 159 :     esc_index.wl.v
0000 160 :
0000 161 : SIDE EFFECTS:
0000 162 :
0000 163 :     May allocate storage for the destination.
0000 164 :
0000 165 : --
03FC 0000 166 :
0002 0000 167 : .ENTRY LIB$MOVTUC , ^M<R2, R3, R4, R5, R6, R7, R8, R9>
0002 0002 168 : ; Entry point

```

```
0002 169 :+
0002 170 : Get the length and address of the source string.
0002 171 :-
50 04 AC D0 0002 172 MOVL SOURCE(AP), R0 ; Address of SOURCE descriptor
02 03 A0 91 0006 173 CMPB DSC$B_CLASS(R0), #DSC$K_CLASS_D ; read like fixed ?
06 1A 000A 174 BGTRU 5$ ; no
56 04 BC 7D 000C 175 MOVQ @SOURCE(AP), R6 ; length->R6, address->R7
0F 11 0010 176 BRB 15$ ; join common flow
00000000'GF 16 0012 178 5$: JSB G^LIB$ANALYZE_SDESC_R2 ; Extract: length->R1, addr->R2
03 50 E8 0018 179 BLBS R0, 10$ ; Skip if no error
010F 31 001B 180 BRW ERROR ; Error return
001E 181
56 51 7D 001E 182 10$: MOVQ R1, R6 ; save length and addr of SOURCE
0021 183 ; length ->R6, addr ->R7
0021 184
0021 185 :+
0021 186 : If the destination string is dynamic, allocate enough space for it
0021 187 : that it will hold the whole translated source string.
0021 188 :-
50 10 AC D0 0021 189 15$: MOVL DEST(AP), R0 ; Point to dest descr.
03 A0 02 91 0025 190 CMPB #DSC$K_CLASS_D, DSC$B_CLASS(R0) ; Dynamic?
17 12 0029 191 BNEQ 20$ ; No, use it as is.
56 DD 002B 192 PUSHL R6 ; length
50 DD 002D 193 PUSHL R0 ; address
04 AE 3F 002F 194 PUSHAW 4(SP) ; address of length
00000000'GF 04 AE 3F 002F 194 PUSHAW 4(SP) ; address of length
SE 04 FB 0032 195 CALLS #2, G^LIB$SGET1_DD
03 50 C0 0039 196 ADDL2 #4, SP ; realign stack
00EB 31 003C 197 BLBS R0, 20$ ; continue if successful
0042 198 BRW ERROR ; else prepare to quit
0042 199
0042 200 :+
0042 201 : Extract the various lengths and addresses we will need and leave
0042 202 : in registers for the actual MOVTUC instruction to follow.
0042 203 :-
50 0C AC D0 0042 204 20$: MOVL TABLE(AP), R0 ; Address of TABLE descriptor
02 03 A0 91 0046 205 CMPB DSC$B_CLASS(R0), #DSC$K_CLASS_D ; read like fixed ?
06 1A 004A 206 BGTRU 25$ ; no
58 04 A0 D0 004C 207 MOVL DSC$A_POINTER(R0), R8 ; address of TABLE
0F 11 0050 208 BRB 35$ ; join common flow
00000000'GF 16 0052 209
03 50 E8 0052 210 25$: JSB G^LIB$ANALYZE_SDESC_R2 ; Extract: length->R1, addr->R2
00CF 31 0058 211 BLBS R0, 30$ ; Quit if error
005B 212 BRW ERROR ; .
005E 213
58 52 D0 005E 214 30$: MOVL R2, R8 ; save addr of TABLE
0061 215
05 6C 91 0061 216 35$: CMPB (AP), #<FILL/4> ; Check for presence of fill
1F 1F 0064 217 BLSSU 45$ ; if not there
50 14 AC D0 0066 218 MOVL FILL(AP), R0 ; Address of FILL descriptor
02 03 A0 91 006A 219 CMPB DSC$B_CLASS(R0), #DSC$K_CLASS_D ; read like fill ?
06 1A 006E 220 BGTRU 40$ ; no
59 04 B0 9A 0070 221 MOVZBL @DSC$A_POINTER(R0), R9 ; value of fill character
0F 11 0074 222 BRB 45$ ; join common flow
0076 223
00000000'GF 16 0076 224 40$: JSB G^LIB$ANALYZE_SDESC_R2 ; Extract: length->R1, addr->R2
03 50 E8 007C 225 BLBS R0, 42$
```



```

00AB 31 007F 226 BRW ERROR ; Quit if error
59 62 9A 0082 227 42$: MOVZBL (R2), R9 ; value of fill character
0085 228
50 08 AC D0 0085 229 45$: MOVL ESC(AP), R0 ; Address of ESC descriptor
02 03 A0 91 0089 230 CMPB DSC$B_CLASS(R0), #DSC$K_CLASS_D ; read like fixed ?
06 1A 008D 231 BGTRU 50$ ; no
53 04 B0 9A 008F 232 MOVZBL @DSC$A_POINTER(R0), R3 ; value of ESC character
OF 11 0093 233 BRB 55$ ; join common flow
0095 234
00000000'GF 16 0095 235 50$: JSB G^LIB$ANALYZE_SDESC_R2 ; Extract: length->R1, addr->R2
03 50 E8 009B 236 BLBS R0, 52$
008C 31 009E 237 BRW ERROR ; Quit if error
00A1 238
53 62 9A 00A1 239 52$: MOVZBL (R2), R3 ; value of ESC character
50 10 AC D0 00A4 240 55$: MOVL DEST(AP), R0 ; Address of DEST descriptor
02 03 A0 91 00A8 241 CMPB DSC$B_CLASS(R0), #DSC$K_CLASS_D ; read like fixed ?
06 1A 00AC 242 BGTRU 60$ ; no
51 10 BC 7D 00AE 243 MOVQ @DEST(AP), R1 ; length->R1, address->R2
09 11 00B2 244 BRB TEST_VS ; join common flow
00B4 245
00000000'GF 16 00B4 246 60$: JSB G^LIB$ANALYZE_SDESC_R2 ; Extract: length->R1, addr->R2
70 50 E9 00BA 247 BLBC R0, ERROR ; Quit if error
00BD 248
00BD 249 ;+
00BD 250 ; Class_VS destination is handled as a special case. We must try to
00BD 251 ; force its current length (CURLen) field to be the same size as the
00BD 252 ; source length. However, this new length must be the MIN( source_len,
00BD 253 ; and MAXSTRLEN). If source len is greater than MAXSTRLEN, then output
00BD 254 ; will be truncated to MAXSTRLEN chars.
00BD 255 ;-
00BD 256 TEST_VS:
50 10 AC D0 00BD 257 MOVL DEST(AP), R0 ; Address of DEST descriptor
0B 03 A0 91 00C1 258 CMPB DSC$B_CLASS(R0), #DSC$K_CLASS_VS ; Class_VS ?
11 12 00C5 259 BNEQ 75$ ; no, no special action needed
60 56 B1 00C7 260 CMPW R6, DSC$W_MAXSTRLEN(R0) ; SOURCE len : MAXSTRLEN
05 15 00CA 261 BLEL 65$ ; if SOURCE len leq
51 60 3C 00CC 262 MOVZWL DSC$W_MAXSTRLEN(R0), R1 ; use MAXSTRLEN for CURLen
03 11 00CF 263 BRB 70$
00D1 264
04 51 56 3C 00D1 265 65$: MOVZWL R6, R1 ; use SOURCE len for CURLen
B0 51 B0 00D4 266 70$: MOVW R1, @DSC$A_POINTER(R0) ; rewrite CURLen field
00D8 267 75$:
00D8 268
00D8 269 ;+
00D8 270 ;
00D8 271 ; For those of you who have lost track,
00D8 272 ; register contents at this point:
00D8 273 ;
00D8 274 ; R0 = address of DEST descriptor
00D8 275 ; R1 = length of DEST string
00D8 276 ; R2 = address of 1st byte of DEST string
00D8 277 ; R3 = value of ESC character
00D8 278 ; R4 = garbage
00D8 279 ; R5 = garbage
00D8 280 ; R6 = length of SOURCE string
00D8 281 ; R7 = address of 1st byte of SOURCE string
00D8 282 ; R8 = address of 1st byte of TABLE
00D8 283 ; R9= value of FILL character (if supplied)

```

```

        62 51 68 53 67 56 2F 00D8 283 :+
        00D8 284 : prototype movtc
        00D8 285 :   movtc srclen, srcaddr, escchar, tableaddr, dstlen, dstaddr
        00D8 286 :-
        62 51 68 53 67 56 2F 00D8 287   MOVTC R6, (R7), R3, (R8), R1, (R2)
        00DF 288   : State of regs after a MOVTC instr.
        00DF 289   : R0 = number of bytes remaining in
        00DF 290   : source string (including the
        00DF 291   : byte which caused the escape.
        00DF 292   : Is zero only if the entire source
        00DF 293   : string was translated and moved
        00DF 294   : without escape.
        00DF 295   : R1 = address of the byte which
        00DF 296   : resulted in destination string
        00DF 297   : exhaustion or escape. If no
        00DF 298   : exhaustion or escape, then
        00DF 299   : address of one byte beyond the
        00DF 300   : source string.
        00DF 301   : R2 = 0
        00DF 302   : R3 = address of the table
        00DF 303   : R4 = number of bytes remaining in the
        00DF 304   : destination string.
        00DF 305   : R5 = address of the byte in the
        00DF 306   : destination string which would
        00DF 307   : have received the translated byte
        00DF 308   : that caused the escape or would
        00DF 309   : have received a translated byte
        00DF 310   : if the source string were not
        00DF 311   : exhausted. If not exhaustion
        00DF 312   : or escape, then address of one
        00DF 313   : byte beyond the destination
        00DF 314   : string.
           08 1C 00DF 315   BVC 80$   : branch if no escape before source
           00E1 316   : or destination string exhausted.
           00E1 317   : R0 is not zero if dest. string is
           00E1 318   : shorter than source string!
           65 54 59 7E 50 00E1 319   SUBW3 R0, R6, R0   : R0 = length of source - no. of bytes
           00E5 320   : remaining in source including escape
           00E5 321   : character
           50 02 11 00E5 322   INCL R0   : 1 - origin
           00E7 323   BRB 85$
           50 04 D4 00E9 324 80$: CLRL R0   : We return zero if the destination
           00EB 325   : string was full before an escape found
           05 6C 91 00EB 326 85$: CMPB (AP), #<FILL/4> : Check for presence of fill character
           0C 1F 00EE 327   BLSSU 90$   : branch if no fill
           7E 50 D0 00F0 328   MOVL R0, -(SP)   : save index on stack
           65 54 59 6E 00 2C 00F3 329   MOVCS #0, 0(SP), R9, R4, (R5); fill destination string
           50 8E D0 00F9 330   MOVL (SP)+, R0   ; R0 = return value
           00FC 331   :
           00FC 332   :
           50 05 D5 00FC 333 90$: TSTL R0   ; No fill present, R0 all set to return
           01 12 00FE 334   BNEQ 91$   ; Was escape encountered?
           04 0100 335   RET   ; yes
           0101 336   : no, we're all set
           52 10 AC D0 0101 337 91$: MOVL DEST(AP), R2   ; addr of destination descriptor
           03 A2 02 91 0105 338   CMPB #DSC$K_CLASS_D, DSC$B_CLASS(R2) ; was it dynamic?

```

```

03 A2 0C 13 0109 340          BEQL 94$          ; yes
      0B 91 010B 341          CPQB #DSC$K_CLASS_VS, DSC$B_CLASS(R2) ; was it varying ?
      05 12 010F 342          BNEQ 92$          ; must have static length, exit
      0111 343
      0111 344 ; Varying destination -- must adjust length to only number of bytes
      0111 345 ; actually translated.
04 B2 50 01 A3 0111 346 ; For varying string we can do this by rewriting the CURLEN field.
      04 0111 347          SUBWS #1, R0, @DSC$A_POINTER(R2) ; rewrite CURLEN field
      0116 348 92$: RET
      0117 349
      0117 350 ; Dynamic destination -- must adjust length to only number of bytes
      0117 351 ; actually translated.
      57 50 D0 0117 352 94$: MOVL R0, R7          ; save index to return in spare reg
      51 04 A2 D7 011A 353          DECL R0          ; Number of bytes in actual result
00000000 GF 00 011C 354          MCVL DSC$A_POINTER(R2), R1 ; addr of current destination
      04 50 E9 0120 355          JSB G^LIB$SCOPY_R_DX6 ; recopy to self with correct length
      50 57 D0 0126 356          BLBC R0, ERROR ; couldn't allocate temp
      04 0129 357          MOVL R7, R0          ; restore index
      012C 358          RET          ; now return
      012D 359
      012D 360 ;+
      012D 361 ; Come here if the allocation of the destination string fails or a
      012D 362 ; descriptor is bad. Return a -1, since the string position cannot
      012D 363 ; be -1.
      012D 364 ;-
      50 01 CE 012D 365 ERROR: MNEGL #1, R0          ; Return -1
      04 0130 366          RET          ; to the caller.
      0131 367
      0131 368          .END
  
```

LIB\$MOVTUC
Symbol table

- Move translated until escape character 16-SEP-1984 00:14:35 VAX/VMS Macro V04-00
6-SEP-1984 11:09:23 [LIBRTL.SRC]LIBMOVTUC.MAR;1

```

DEST = 00000010
DSC$A_POINTER = 00000004
DSC$B_CLASS = 00000003
DSC$K_CLASS_D = 00000002
DSC$K_CLASS_VS = 0000000B
DSC$W_MAXSTLEN = 00000000
ERROR = 0000012D R 02
ESC = 00000008
FILL = 00000014
LIB$ANALYZE_SDESC_R2 ***** X 02
LIB$MOVTUC 00000000 RG 02
LIB$SCOPE_R_DX6 ***** X 02
LIB$GET1_DD ***** X 02
SOURCE = 00000004
TABLE = 0000000C
TEST_VS 000000BD R 02

```

```

+-----+
! Psect synopsis !
+-----+

```

PSECT name	Allocation	PSECT No.	Attributes
. ABS	00000000 (0.)	00 (0.)	NOPIC USR CON ABS LCL NOSHR NOEXE NORD NOWRT NOVEC BYTE
\$AB\$\$	00000000 (0.)	01 (1.)	NOPIC USR CON ABS LCL NOSHR EXE RD WRT NOVEC BYTE
_LIB\$CODE	00000131 (305.)	02 (2.)	PIC USR CON REL LCL SHR EXE RD NOWRT NOVEC LONG

```

+-----+
! Performance indicators !
+-----+

```

Phase	Page faults	CPU Time	Elapsed Time
Initialization	33	00:00:00.05	00:00:01.32
Command processing	132	00:00:00.30	00:00:01.20
Pass 1	138	00:00:01.39	00:00:07.04
Symbol table sort	0	00:00:00.13	00:00:00.38
Pass 2	76	00:00:00.55	00:00:03.17
Symbol table output	4	00:00:00.02	00:00:00.02
Psect synopsis output	2	00:00:00.01	00:00:00.17
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	387	00:00:02.45	00:00:13.35

The working set limit was 1200 pages.
 11543 bytes (23 pages) of virtual memory were used to buffer the intermediate code.
 There were 10 pages of symbol table space allocated to hold 142 non-local and 23 local symbols.
 368 source lines were read in Pass 1, producing 13 object records in Pass 2.
 8 pages of virtual memory were used to define 7 macros.

```

+-----+
! Macro library statistics !
+-----+

```

Macro library name	Macros defined
_\$255\$DUA28:[SYSLIB]STARLET.MLB;2	4

LIB\$MOVTUC
VAX-11 Macro Run Statistics

- Move translated until escape character L 12
16-SEP-1984 00:14:35 VAX/VMS Macro V04-00 Page 10
6-SEP-1984 11:09:23 [LIBRTL.SRC]LIBMOVTUC.MAR;1 (3)

190 GETS were required to define 4 macros.

There were no errors, warnings or information messages.

MACRO/ENABLE=SUPPRESSION/DISABLE=(GLOBAL,TRACEBACK)/LIS=LIS\$:LIBMOVTUC/OBJ=OBJ\$:LIBMOVTUC MSRC\$:LIBMOVTUC/UPDATE=(ENH\$:LIBMOVTUC)

0208 AH-BT13A-SE
VAX/VMS V4.0

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