

```
SSSSSSSSSSSSS  MMM      MMM      GGGGGGGGGGGG  RRRRRRRRRRRR  TTTTTTTTTTTTTT  LLL
SSSSSSSSSSSSS  MMM      MMM      GGGGGGGGGGGG  RRRRRRRRRRRR  TTTTTTTTTTTTTT  LLL
SSSSSSSSSSSSS  MMM      MMM      GGGGGGGGGGGG  RRRRRRRRRRRR  TTTTTTTTTTTTTT  LLL
SSS            MMMMMM  MMMMMM  GGG            RRR      RRR      TTT      LLL
SSS            MMMMMM  MMMMMM  GGG            RRR      RRR      TTT      LLL
SSS            MMMMMM  MMMMMM  GGG            RRR      RRR      TTT      LLL
SSS            MMM      MMM      GGG            RRR      RRR      TTT      LLL
SSS            MMM      MMM      GGG            RRR      RRR      TTT      LLL
SSS            MMM      MMM      GGG            RRR      RRR      TTT      LLL
SSS            MMM      MMM      GGG            RRR      RRR      TTT      LLL
SSSSSSSSSSS    MMM      MMM      GGG            RRRRRRRRRRRR  TTT      LLL
SSSSSSSSSSS    MMM      MMM      GGG            RRRRRRRRRRRR  TTT      LLL
SSSSSSSSSSS    MMM      MMM      GGG            RRRRRRRRRRRR  TTT      LLL
SSS            MMM      MMM      GGG      GGGGGGGGGG  RRR      RRR      TTT      LLL
SSS            MMM      MMM      GGG      GGGGGGGGGG  RRR      RRR      TTT      LLL
SSS            MMM      MMM      GGG      GGGGGGGGGG  RRR      RRR      TTT      LLL
SSS            MMM      MMM      GGG      GGG      GGG  RRR      RRR      TTT      LLL
SSS            MMM      MMM      GGG      GGG      GGG  RRR      RRR      TTT      LLL
SSS            MMM      MMM      GGG      GGG      GGG  RRR      RRR      TTT      LLL
SSS            MMM      MMM      GGG      GGG      GGG  RRR      RRR      TTT      LLL
SSSSSSSSSSSSS  MMM      MMM      GGGGGGGGGG      RRR      RRR      TTT      LLLLLLLLLLLLLLLL
SSSSSSSSSSSSS  MMM      MMM      GGGGGGGGGG      RRR      RRR      TTT      LLLLLLLLLLLLLLLL
SSSSSSSSSSSSS  MMM      MMM      GGGGGGGGGG      RRR      RRR      TTT      LLLLLLLLLLLLLLLL
```

```

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
LLLLLLLLLLLLLL          IIIIII                      SSSSSSSS
LLLLLLLLLLLLLL          IIIIII                      SSSSSSSS

```



```
0001 0
0002 0 MODULE SMG$BOOLEAN TABLES( %TITLE 'TPARSE tables for Boolean capabilities'
0003 0 IDENT = '1-002' ! File: SMGBOOTAB.B32 Edit: PLL1002
0004 0 ) =
0005 1 BEGIN
0006 1
0007 1 *****
0008 1 *
0009 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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0026 1 *
0027 1 *
0028 1 *****
0029 1
0030 1
0031 1 ++
0032 1 FACILITY: Screen Management
0033 1
0034 1 ABSTRACT:
0035 1
0036 1 This module contains the LIB$TPARSE state tables used to parse
0037 1 Boolean capabilities from an ascii TERMTABLE.TXT file.
0038 1
0039 1 ENVIRONMENT: User mode - AST reentrant
0040 1
0041 1 AUTHOR: P. Levesque CREATION DATE: 30-Jan-1984
0042 1
0043 1 MODIFIED BY:
0044 1
0045 1 1-001 - Original. PLL 30-Jan-1984
0046 1 1-002 - Allow comments on lines not terminated by a comma. PLL 15-Mar-1984
0047 1 --
0048 1
```



```

: 50      0049 1 %SBTTL 'Declarations'
: 51      0050 1
: 52      0051 1 SWITCHES:
: 53      0052 1
: 54      0053 1
: 55      0054 1
: 56      0055 1 LINKAGES:
: 57      0056 1
: 58      0057 1 NONE
: 59      0058 1
: 60      0059 1 TABLE OF CONTENTS:
: 61      0060 1
: 62      0061 1
: 63      0062 1 FORWARD ROUTINE
: 64      0063 1 NOT_BOOLEAN,      ! signal an unknown cap name
: 65      0064 1 STORE_BOOLEAN;    ! store a boolean cap value
: 66      0065 1
: 67      0066 1
: 68      0067 1 INCLUDE FILES:
: 69      0068 1
: 70      0069 1
: 71      0070 1 REQUIRE 'RTLIN:SMGPROLOG';      ! Defines psects, macros, etc.
: 72      0148 1
: 73      0149 1 LIBRARY 'RTLML:SMGTPALIB';      ! Definitions and macros used by
: 74      0150 1 TERMTABLE routines
: 75      0151 1 LIBRARY 'RTLTPAMAC';            ! TPARSE library of macros
: 76      0152 1
: 77      0153 1
: 78      0154 1 EQUATED SYMBOLS:
: 79      0155 1
: 80      0156 1 NONE
: 81      0157 1
: 82      0158 1 FIELDS:
: 83      0159 1
: 84      0160 1 NONE
: 85      0161 1
: 86      0162 1 PSECTS:
: 87      0163 1
: 88      0164 1
: 89      0165 1
: 90      0166 1 EXTERNAL REFERENCES:
: 91      0167 1
: 92      0168 1 EXTERNAL ROUTINE
: 93      0169 1 SMG$$BLANKS OFF,      ! turn off flag to process blanks
: 94      0170 1 SMG$$FLUSH_NUMERIC,   ! flush numeric value to data area
: 95      0171 1 SMG$$MISSING_END,     ! signal error
: 96      0172 1 SMG$$NEXT_RECORD,     ! get next record from TERMTABLE.TXT
: 97      0173 1 SMG$$STORE_CAP_MASK,  ! remember capability number
: 98      0174 1 SMG$$SYNTAX_ERROR;    ! signal syntax error
: 99      0175 1
: 100     0176 1 EXTERNAL
: 101     0177 1 SMG$_ERRLIN,           ! error at line n
: 102     0178 1 SMG$_ERRAT_LIN,       ! error in line n at 'x'
: 103     0179 1 SMG$_ILLVAL,          ! illegal value for Boolean
: 104     0180 1 SMG$_MISTERNAM,       ! missing terminal name
: 105     0181 1 SMG$_NOTBOOCAP,       ! not a boolean capability
: 106     0182 1 SMG$_SYNERR;          ! syntax error

```



SMG\$BOOLEAN\_TAB TPARSE tables for Boolean capabilities  
1-002 Declarations

D 10  
16-Sep-1984 00:14:29  
14-Sep-1984 13:09:38

VAX-11 Bliss-32 V4.0-742  
[SMGRTL.SRC]SMGBOOTAB.B32;1

Page 3  
(2)

|   |     |      |   |                    |
|---|-----|------|---|--------------------|
| : | 107 | 0183 | 1 |                    |
| : | 108 | 0184 | 1 | EXTERNAL           |
| : | 109 | 0185 | 1 | SMG\$MASK_ADR,     |
| : | 110 | 0186 | 1 | SMG\$CURRENT_LINE; |
| : | 111 | 0187 | 1 |                    |
| : | 112 | 0188 | 1 |                    |
| : | 113 | 0189 | 1 | !                  |
| : | 114 | 0190 | 1 | OWN STORAGE:       |
| : | 115 | 0191 | 1 | !                  |
| : | 116 | 0192 | 1 | NONE               |
| : | 117 | 0193 | 1 | !                  |

! used by TPARSE action routines  
! current input line - maintained  
! for error messages



```

119 0194 1 %SBTTL 'SMG$BOOLEAN_TABLES - TPARSE tables for Boolean capabilities'
120 0195 1 !+
121 0196 1 ! FUNCTIONAL DESCRIPTION:
122 0197 1 !
123 0198 1 ! The following are the state tables used to parse Boolean
124 0199 1 ! capabilities in a terminal definition.
125 0200 1 !
126 0201 1 ! --
127 0202 1 !
128 0203 1 $INIT_STATE (SMG$A_BOOLEAN_STATES, SMG$A_BOOLEAN_KEYWDS);
129 0204 1 ! set up state tables, key words
130 0205 1 !
131 0206 1 !+
132 0207 1 ! Begin scanning loop. Look for the start of a capability.
133 0208 1 ! Skip over blanks and comments.
134 0209 1 ! -
135 0210 1 !
136 P 0211 1 $STATE (BEGIN_SCAN,
137 P 0212 1 ((END_OF_LINE), BEGIN_SCAN, SMG$NEXT_RECORD),
138 P 0213 1 (('!', BEGIN_SCAN, SMG$NEXT_RECORD),
139 P 0214 1 ((CAPABILITY), BEGIN_SCAN, SMG$BLANKS_OFF),
140 P 0215 1 (TPAS_LAMBDA, TPAS_EXIT)
141 0216 1 );
142 0217 1 !
143 0218 1 !+
144 0219 1 ! This state indicates the end of a line. A comment also signals the
145 0220 1 ! end of a line.
146 0221 1 ! -
147 0222 1 !
148 P 0223 1 $STATE (END_OF_LINE,
149 P 0224 1 (TPAS_EOS, TPAS_EXIT),
150 P 0225 1 (('!', TPAS_EXIT),
151 P 0226 1 (TPAS_LAMBDA, TPAS_FAIL)
152 0227 1 );
153 0228 1 !
154 0229 1 !+
155 0230 1 ! Find the capability name and determine if it's one that we expect.
156 0231 1 ! The string up to the '=' sign should be the capability name.
157 0232 1 ! -
158 0233 1 !
159 P 0234 1 $STATE (CAPABILITY,
160 P 0235 1 ((BOOLEAN_NAME), EQUALS_BOOLEAN, SMG$BLANKS_OFF),
161 P 0236 1 ('END', TPAS_FAIL),
162 P 0237 1 ('NUMERIC', TPAS_FAIL),
163 P 0238 1 ('STRING', TPAS_FAIL),
164 P 0239 1 ('BOOLEAN', BEGIN_SCAN),
165 P 0240 1 ('REQUIRE', TPAS_FAIL, SMG$MISSING_END),
166 P 0241 1 ('NAME', TPAS_FAIL, SMG$MISSING_END),
167 P 0242 1 (TPAS_SYMBOL, , NOT_BOOLEAN)
168 0243 1 );
169 0244 1 !
170 0245 1 !+
171 0246 1 ! Check here for a boolean name.
172 0247 1 ! -
173 0248 1 !
174 P 0249 1 $STATE (BOOLEAN_NAME,
175 P 0250 1 ('ADVANCED_VIDEO', TPAS_EXIT, , SMG$K_ADVANCED_VIDEO, SMG$MASK_ADR),

```



```
176 P 0251 1 ('ANSI CRT', TPAS_EXIT, SMG$K ANSI CRT, SMG$SMASK_ADR),
177 P 0252 1 ('AUTO-MARGIN', TPAS_EXIT, SMG$K AUTO MARGIN, SMG$SMASK_ADR),
178 P 0253 1 ('BACKSPACE', TPAS_EXIT, SMG$K BACKSPACE, SMG$SMASK_ADR),
179 P 0254 1 ('BLOCK MODE', TPAS_EXIT, SMG$K BLOCK MODE, SMG$SMASK_ADR),
180 P 0255 1 ('CURSOR REPORT ANSI', TPAS_EXIT, SMG$K CURSOR REPORT-ANSI, SMG$SMASK_ADR),
181 P 0256 1 ('DEC CRT', TPAS_EXIT, SMG$K DEC CRT, SMG$SMASK_ADR),
182 P 0257 1 ('EDIT', TPAS_EXIT, SMG$K EDIT, SMG$SMASK_ADR),
183 P 0258 1 ('EIGHT BIT', TPAS_EXIT, SMG$K EIGHT-BIT, SMG$SMASK_ADR),
184 P 0259 1 ('FOLLDUP', TPAS_EXIT, SMG$K FOLLDUP, SMG$SMASK_ADR),
185 P 0260 1 ('IGNORE-NEWLINE', TPAS_EXIT, SMG$K IGNORE NEWLINE, SMG$SMASK_ADR),
186 P 0261 1 ('INSERT-MODE NULLS', TPAS_EXIT, SMG$K INSERT MODE NULLS, SMG$SMASK_ADR),
187 P 0262 1 ('LOWERCASE', TPAS_EXIT, SMG$K LOWERCASE, SMG$SMASK_ADR),
188 P 0263 1 ('NO-ERASE', TPAS_EXIT, SMG$K NO ERASE, SMG$SMASK_ADR),
189 P 0264 1 ('NO-SCROLL', TPAS_EXIT, SMG$K NO SCROLL, SMG$SMASK_ADR),
190 P 0265 1 ('OVERSTRIKE', TPAS_EXIT, SMG$K OVERSTRIKE, SMG$SMASK_ADR),
191 P 0266 1 ('PRINTER-PORT', TPAS_EXIT, SMG$K PRINTER PORT, SMG$SMASK_ADR),
192 P 0267 1 ('REGIS', TPAS_EXIT, SMG$K REGIS, SMG$SMASK_ADR),
193 P 0268 1 ('SCOPE', TPAS_EXIT, SMG$K SCOPE, SMG$SMASK_ADR),
194 P 0269 1 ('SIXEL GRAPHICS', TPAS_EXIT, SMG$K SIXEL GRAPHICS, SMG$SMASK_ADR),
195 P 0270 1 ('SOFT CHARACTERS', TPAS_EXIT, SMG$K SOFT-CHARACTERS, SMG$SMASK_ADR),
196 P 0271 1 ('PHYSICAL-TABS', TPAS_EXIT, SMG$K PHYSICAL TABS, SMG$SMASK_ADR),
197 P 0272 1 ('PHYSICAL-FF', TPAS_EXIT, SMG$K PHYSICAL FF, SMG$SMASK_ADR),
198 P 0273 1 ('UNDERLINE', TPAS_EXIT, SMG$K UNDERLINE, SMG$SMASK_ADR),
199 P 0274 1 ('PRIVATE-BOO-1', TPAS_EXIT, SMG$K PRIVATE-BOO-1, SMG$SMASK_ADR),
200 P 0275 1 ('PRIVATE-BOO-2', TPAS_EXIT, SMG$K PRIVATE-BOO-2, SMG$SMASK_ADR),
201 P 0276 1 ('PRIVATE-BOO-3', TPAS_EXIT, SMG$K PRIVATE-BOO-3, SMG$SMASK_ADR),
202 P 0277 1 ('PRIVATE-BOO-4', TPAS_EXIT, SMG$K PRIVATE-BOO-4, SMG$SMASK_ADR),
203 P 0278 1 ('PRIVATE-BOO-5', TPAS_EXIT, SMG$K PRIVATE-BOO-5, SMG$SMASK_ADR),
204 P 0279 1 ('PRIVATE-BOO-6', TPAS_EXIT, SMG$K PRIVATE-BOO-6, SMG$SMASK_ADR),
205 P 0280 1 ('PRIVATE-BOO-7', TPAS_EXIT, SMG$K PRIVATE-BOO-7, SMG$SMASK_ADR),
206 P 0281 1 ('PRIVATE-BOO-8', TPAS_EXIT, SMG$K PRIVATE-BOO-8, SMG$SMASK_ADR),
207 P 0282 1 ('PRIVATE-BOO-9', TPAS_EXIT, SMG$K PRIVATE-BOO-9, SMG$SMASK_ADR),
208 P 0283 1 ('PRIVATE-BOO-10', TPAS_EXIT, SMG$K PRIVATE-BOO-10, SMG$SMASK_ADR),
209 P 0284 1 (TPAS_LAMBDA, TPAS_FAIL);
210 0285 1
211 0286 1
212 0287 1
213 0288 1 !+ Found a boolean name, now look for a boolean value. Skip over the
214 0289 1 !- intervening equals sign.
215 0290 1
216 0291 1
217 P 0292 1 $STATE (EQUALS_BOOLEAN,
218 P 0293 1 ((END_OF_LINE), EQUALS_BOOLEAN, SMG$NEXT_RECORD),
219 P 0294 1 ('='-BOOLEAN_CAP_VALUE, SMG$STORE_CAP_MASK),
220 P 0295 1 (TPAS_SYMBOL, SMG$SYNTAX_ERROR),
221 P 0296 1 (TPAS_ANY, SMG$SYNTAX_ERROR);
222 0297 1
223 0298 1
224 0299 1 !+
225 0300 1 !- Get the value. This is a boolean capability, so it better have a boolean
226 0301 1 !- value.
227 0302 1
228 0303 1
229 P 0304 1 $STATE (BOOLEAN_CAP_VALUE,
230 P 0305 1 ((END_OF_LINE),-BOOLEAN_CAP_VALUE, SMG$NEXT_RECORD),
231 P 0306 1 ((BOOLEAN_CAP), BEGIN_SCAN),
232 P 0307 1 (TPAS_SYMBOL, SMG$SYNTAX_ERROR),
```



```

: 233      P 0308 1      (TPAS_ANY, , SMG$$$SYNTAX_ERROR)
: 234      0309 1      );
: 235      0310 1
: 236      0311 1      !+
: 237      0312 1      !- The only acceptable values for a boolean are 0 and 1.
: 238      0313 1      !-
: 239      0314 1
: 240      P 0315 1      $STATE (BOOLEAN CAP,
: 241      P 0316 1      (TPAS_DECIMAL, COMMA, STORE_BOOLEAN),
: 242      P 0317 1      (TPAS_LAMBDA, TPAS_FAIL)
: 243      0318 1      );
: 244      0319 1
: 245      P 0320 1      $STATE (COMMA,
: 246      P 0321 1      (TPAS_EXIT, SMG$$BLANKS OFF),
: 247      P 0322 1      (TPAS_BLANK, COMMA, SMG$$BLANKS OFF),
: 248      P 0323 1      ((END_OF_LINE), TPAS_EXIT, SMG$$NEXT_RECORD),
: 249      P 0324 1      (TPAS_ANY, , SMG$$$SYNTAX_ERROR)
: 250      0325 1      );
: 251      0326 1
  
```



```

253 0327 1 %SBTTL 'NOT_BOOLEAN - signal an unknown capability name'
254 0328 1 ROUTINE NOT_BOOLEAN =
255 0329 1
256 0330 1 ++
257 0331 1 FUNCTIONAL DESCRIPTION:
258 0332 1
259 0333 1     We just found a name that isn't boolean.  It could be a misspelling
260 0334 1     or it could be a capability misplaced under the wrong heading.
261 0335 1     Signal an error.
262 0336 1
263 0337 1 CALLING SEQUENCE:
264 0338 1
265 0339 1     status = NOT_BOOLEAN ()
266 0340 1
267 0341 1 FORMAL PARAMETERS:
268 0342 1
269 0343 1     NONE
270 0344 1
271 0345 1 IMPLICIT INPUTS:
272 0346 1
273 0347 1     AP     Points to TPARSE parameter block
274 0348 1
275 0349 1 IMPLICIT OUTPUTS:
276 0350 1
277 0351 1     NONE
278 0352 1
279 0353 1 COMPLETION STATUS:
280 0354 1
281 0355 1     $$$_NORMAL
282 0356 1
283 0357 1 SIDE EFFECTS:
284 0358 1
285 0359 1 --
286 0360 1
287 0361 1 BEGIN
288 0362 2 BUILTIN
289 0363 2 AP;
290 0364 2 MAP
291 0365 2     AP : REF BLOCK [,BYTE];
292 0366 2
293 0367 2 SIGNAL_STOP (SMG$_ERRAT LIN,
294 0368 2     3, .SMG$$CURRENT LINE,
295 0369 2     .AP [TPASL_TOKENCNT],
296 0370 2     .AP [TPASL_TOKENPTR],
297 0371 2     SMG$_NOTBOOCAP)
298 0372 2
299 0373 1 END;                                ! end of routine NOT_BOOLEAN
  
```

```

.TITLE SMG$BOOLEAN_TABLES TPARSE tables for Boolean ca
       pabilities
.IDENT \1-002\
.PSECT _LIB$KEY1$,NOWRT, SHR, PIC,1
  
```

```

00000 ;TPAS$KEYSTO
U.29: .BLKB 0
  
```

| Address | Hex | ASCII            | Comment                       |
|---------|-----|------------------|-------------------------------|
| 44      | 4E  | 45               | 00000 ;TPASKEYST              |
|         |     |                  | U.31: .ASCII \END\            |
|         |     | FF               | 00003 .BYTE -1                |
|         |     |                  | 00004 ;TPASKEYSTO             |
| 43      | 49  | 52               | 45                            |
| 4D      | 55  | 4E               | 00004 ;TPASKEYST              |
|         |     |                  | U.34: .BLKB 0                 |
|         |     |                  | U.36: .ASCII \NUMERIC\        |
|         |     | FF               | 0000B .BYTE -1                |
|         |     |                  | 0000C ;TPASKEYSTO             |
| 47      | 4E  | 49               | 52                            |
| 54      | 53  | 0000C ;TPASKEYST |                               |
|         |     |                  | U.39: .BLKB 0                 |
|         |     |                  | U.41: .ASCII \STRING\         |
|         |     | FF               | 00012 .BYTE -1                |
|         |     |                  | 00013 ;TPASKEYSTO             |
| 4E      | 41  | 45               | 4C                            |
| 4F      | 4F  | 42               | 00013 ;TPASKEYST              |
|         |     |                  | U.44: .BLKB 0                 |
|         |     |                  | U.46: .ASCII \BOOLEAN\        |
|         |     | FF               | 0001A .BYTE -1                |
|         |     |                  | 0001B ;TPASKEYSTO             |
| 45      | 52  | 49               | 55                            |
| 51      | 45  | 52               | 0001B ;TPASKEYST              |
|         |     |                  | U.49: .BLKB 0                 |
|         |     |                  | U.51: .ASCII \REQUIRED\       |
|         |     | FF               | 00022 .BYTE -1                |
|         |     |                  | 00023 ;TPASKEYSTO             |
|         |     |                  | U.55: .BLKB 0                 |
| 45      | 4D  | 41               | 4E                            |
|         |     |                  | 00023 ;TPASKEYST              |
|         |     |                  | U.57: .ASCII \NAME\           |
|         |     | FF               | 00027 .BYTE -1                |
|         |     | FF               | 00028 ;TPASKEYFILL            |
|         |     |                  | U.63: .BYTE -1                |
|         |     |                  | 00029 ;TPASKEYSTO             |
| 4F      | 45  | 44               | 49                            |
| 56      | 5F  | 44               | 45                            |
| 43      | 4E  | 41               | 56                            |
| 44      | 41  | 56               | 44                            |
|         |     | 41               | 00029 ;TPASKEYST              |
|         |     |                  | U.64: .BLKB 0                 |
|         |     |                  | U.66: .ASCII \ADVANCED_VIDEO\ |
|         |     | FF               | 00037 .BYTE -1                |
|         |     |                  | 00038 ;TPASKEYSTO             |
|         |     |                  | U.71: .BLKB 0                 |
| 54      | 52  | 43               | 5F                            |
| 49      | 53  | 4E               | 41                            |
|         |     |                  | 00038 ;TPASKEYST              |
|         |     |                  | U.73: .ASCII \ANSI_CRT\       |
|         |     | FF               | 00040 .BYTE -1                |
|         |     |                  | 00041 ;TPASKEYSTO             |
| 4E      | 49  | 47               | 52                            |
| 41      | 4D  | 5F               | 4F                            |
| 54      | 55  | 41               | 00041 ;TPASKEYST              |
|         |     |                  | U.78: .BLKB 0                 |
|         |     |                  | U.80: .ASCII \AUTO_MARGIN\    |
|         |     | FF               | 0004C .BYTE -1                |
|         |     |                  | 0004D ;TPASKEYSTO             |
| 45      | 43  | 41               | 50                            |
| 53      | 4B  | 43               | 41                            |
|         |     | 42               | 0004D ;TPASKEYST              |
|         |     |                  | U.85: .BLKB 0                 |
|         |     |                  | U.87: .ASCII \BACKSPACE\      |
|         |     | FF               | 00056 .BYTE -1                |
|         |     |                  | 00057 ;TPASKEYSTO             |
| 45      | 44  | 4F               | 4D                            |
| 5F      | 4B  | 43               | 4F                            |
| 4C      | 42  | 00057 ;TPASKEYST |                               |
|         |     |                  | U.92: .BLKB 0                 |
|         |     |                  | U.94: .ASCII \BLOCK_MODE\     |
|         |     | FF               | 00061 .BYTE -1                |
|         |     |                  | 00062 ;TPASKEYSTO             |
|         |     |                  | U.99: .BLKB 0                 |



|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    |                      |                             |             |                          |    |               |
|--------------------------------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----------------------|-----------------------------|-------------|--------------------------|----|---------------|
| SMGSBOOLEAN_TAB TPARSE tables for Boolean capabilities |    |    |    |    |    |    |    |    |    |    |    |    |    | J 10                 | 16-Sep-1984 00:14:29        |             | VAX-11 Bliss-32 V4.0-742 |    | Page 9<br>(4) |
| 1-002 NOT_BOOLEAN - signal an unknown capability name  |    |    |    |    |    |    |    |    |    |    |    |    |    | 14-Sep-1984 13:09:38 | [SMGRTL.SRC]SMGBOOTAB.B32;1 |             |                          |    |               |
| 41                                                     | 5F | 54 | 52 | 4F | 50 | 45 | 52 | 5F | 52 | 4F | 53 | 52 | 55 | 43                   | 00062                       | :TPASKEYST  |                          |    |               |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    |                      | U.101:                      | .ASCII      | \CURSOR_REPORT_ANSI\     |    | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    | 49 | 53 | 4E                   | 00071                       |             |                          |    | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    | FF                   | 00074                       |             | .BYTE                    | -1 | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    |                      | 00075                       | :TPASKEYSTO |                          |    | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    |                      | U.106:                      | .BLKB       | 0                        |    | :             |
|                                                        |    |    |    |    |    |    | 54 | 52 | 43 | 5F | 43 | 45 | 44 |                      | 00075                       | :TPASKEYST  |                          |    | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    |                      | U.108:                      | .ASCII      | \DEC_CRT\                |    | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    | FF                   | 0007C                       |             | .BYTE                    | -1 | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    |                      | 0007D                       | :TPASKEYSTO |                          |    | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    |                      | U.113:                      | .BLKB       | 0                        |    | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    | 54 | 49 | 44 | 45                   | 0007D                       | :TPASKEYST  |                          |    | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    |                      | U.115:                      | .ASCII      | \EDIT\                   |    | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    | FF                   | 00081                       |             | .BYTE                    | -1 | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    |                      | 00082                       | :TPASKEYSTO |                          |    | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    |                      | U.120:                      | .BLKB       | 0                        |    | :             |
|                                                        |    |    |    |    |    |    | 54 | 49 | 42 | 5F | 54 | 48 | 47 | 49                   | 45                          | 00082       | :TPASKEYST               |    | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    |                      | U.122:                      | .ASCII      | \EIGHT_BIT\              |    | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    | FF                   | 0008B                       |             | .BYTE                    | -1 | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    |                      | 0008C                       | :TPASKEYSTO |                          |    | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    |                      | U.127:                      | .BLKB       | 0                        |    | :             |
|                                                        |    |    |    |    |    |    | 50 | 55 | 44 | 4C | 4C | 55 | 46 |                      | 0008C                       | :TPASKEYST  |                          |    | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    |                      | U.129:                      | .ASCII      | \FULLDUP\                |    | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    | FF                   | 00093                       |             | .BYTE                    | -1 | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    |                      | 00094                       | :TPASKEYSTO |                          |    | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    |                      | U.134:                      | .BLKB       | 0                        |    | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    |                      | U.136:                      | .ASCII      | \IGNORE_NEWLINE\         |    | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    | FF                   | 000A2                       |             | .BYTE                    | -1 | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    |                      | 000A3                       | :TPASKEYSTO |                          |    | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    |                      | U.141:                      | .BLKB       | 0                        |    | :             |
| 4C                                                     | 55 | 4E | 5F | 45 | 44 | 4F | 4D | 5F | 54 | 52 | 45 | 53 | 4E | 49                   | 000A3                       | :TPASKEYST  |                          |    | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    |                      | U.143:                      | .ASCII      | \INSERT_MODE_NULLS\      |    | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    | 53 | 4C                   | 000B2                       |             |                          |    | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    | FF                   | 000B4                       |             | .BYTE                    | -1 | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    |                      | 000B5                       | :TPASKEYSTO |                          |    | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    |                      | U.148:                      | .BLKB       | 0                        |    | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    |                      | U.150:                      | .ASCII      | \LOWERCASE\              |    | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    | FF                   | 000BE                       |             | .BYTE                    | -1 | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    |                      | 000BF                       | :TPASKEYSTO |                          |    | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    |                      | U.155:                      | .BLKB       | 0                        |    | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    |                      | U.157:                      | .ASCII      | \NO_ERASE\               |    | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    | FF                   | 000C7                       |             | .BYTE                    | -1 | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    |                      | 000C8                       | :TPASKEYSTO |                          |    | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    |                      | U.162:                      | .BLKB       | 0                        |    | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    |                      | U.164:                      | .ASCII      | \NO_SCROLL\              |    | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    | FF                   | 000D1                       |             | .BYTE                    | -1 | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    |                      | 000D2                       | :TPASKEYSTO |                          |    | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    |                      | U.169:                      | .BLKB       | 0                        |    | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    |                      | U.171:                      | .ASCII      | \OVERSTRIKE\             |    | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    | FF                   | 000DC                       |             | .BYTE                    | -1 | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    |                      | 000DD                       | :TPASKEYSTO |                          |    | :             |
|                                                        |    |    |    |    |    |    |    |    |    |    |    |    |    |                      | U.176:                      | .BLKB       | 0                        |    | :             |

|    |    |    |    |    |    |    |    |    |    |    |    |       |               |                |                 |                  |                   |             |            |  |   |
|----|----|----|----|----|----|----|----|----|----|----|----|-------|---------------|----------------|-----------------|------------------|-------------------|-------------|------------|--|---|
| 54 | 52 | 4F | 50 | 5F | 52 | 45 | 54 | 4E | 49 | 52 | 50 | 000DD | :TPASKEYST    |                |                 |                  |                   |             |            |  |   |
|    |    |    |    |    |    |    |    |    |    |    | FF | 000E9 | U.178: .ASCII | \PRINTER_PORT\ |                 | :                |                   |             |            |  |   |
|    |    |    |    |    |    |    |    |    |    |    |    | 000EA | :TPASKEYSTO   | -1             |                 | :                |                   |             |            |  |   |
|    |    |    |    |    |    |    |    |    |    |    |    |       | U.183: .BLKB  | 0              |                 | :                |                   |             |            |  |   |
|    |    |    |    |    |    |    | 53 | 49 | 47 | 45 | 52 | 000EA | :TPASKEYST    |                |                 | :                |                   |             |            |  |   |
|    |    |    |    |    |    |    |    |    |    |    | FF | 000EF | U.185: .ASCII | \REGIS\        |                 | :                |                   |             |            |  |   |
|    |    |    |    |    |    |    |    |    |    |    |    | 000F0 | :TPASKEYSTO   | -1             |                 | :                |                   |             |            |  |   |
|    |    |    |    |    |    |    |    |    |    |    |    |       | U.190: .BLKB  | 0              |                 | :                |                   |             |            |  |   |
|    |    |    |    |    |    |    | 45 | 50 | 4F | 43 | 53 | 000F0 | :TPASKEYST    |                |                 | :                |                   |             |            |  |   |
|    |    |    |    |    |    |    |    |    |    |    | FF | 000F5 | U.192: .ASCII | \SCOPE\        |                 | :                |                   |             |            |  |   |
|    |    |    |    |    |    |    |    |    |    |    |    | 000F6 | :TPASKEYSTO   | -1             |                 | :                |                   |             |            |  |   |
|    |    |    |    |    |    |    |    |    |    |    |    |       | U.197: .BLKB  | 0              |                 | :                |                   |             |            |  |   |
| 53 | 43 | 49 | 48 | 50 | 41 | 52 | 47 | 5F | 4C | 45 | 58 | 49    | 53            | 000F6          | :TPASKEYST      |                  | :                 |             |            |  |   |
|    |    |    |    |    |    |    |    |    |    |    |    |       | FF            | 00104          | U.199: .ASCII   | \SIXEL_GRAPHICS\ | :                 |             |            |  |   |
|    |    |    |    |    |    |    |    |    |    |    |    |       |               | 00105          | :TPASKEYSTO     | -1               | :                 |             |            |  |   |
|    |    |    |    |    |    |    |    |    |    |    |    |       |               |                | U.204: .BLKB    | 0                | :                 |             |            |  |   |
| 53 | 52 | 45 | 54 | 43 | 41 | 52 | 41 | 48 | 43 | 5F | 54 | 46    | 4F            | 53             | 00105           | :TPASKEYST       |                   | :           |            |  |   |
|    |    |    |    |    |    |    |    |    |    |    |    |       |               | FF             | 00114           | U.206: .ASCII    | \SOFT_CHARACTERS\ | :           |            |  |   |
|    |    |    |    |    |    |    |    |    |    |    |    |       |               |                | 00115           | :TPASKEYSTO      | -1                | :           |            |  |   |
|    |    |    |    |    |    |    |    |    |    |    |    |       |               |                |                 | U.211: .BLKB     | 0                 | :           |            |  |   |
| 53 | 42 | 41 | 54 | 5F | 4C | 41 | 43 | 49 | 53 | 59 | 48 | 50    | 00115         | :TPASKEYST     |                 |                  | :                 |             |            |  |   |
|    |    |    |    |    |    |    |    |    |    |    |    | FF    | 00122         | U.213: .ASCII  | \PHYSICAL_TABS\ |                  | :                 |             |            |  |   |
|    |    |    |    |    |    |    |    |    |    |    |    |       | 00123         | :TPASKEYSTO    | -1              |                  | :                 |             |            |  |   |
|    |    |    |    |    |    |    |    |    |    |    |    |       |               |                | U.218: .BLKB    | 0                | :                 |             |            |  |   |
|    |    |    |    |    |    |    | 46 | 46 | 5F | 4C | 41 | 43    | 49            | 53             | 59              | 48               | 50                | 00123       | :TPASKEYST |  | : |
|    |    |    |    |    |    |    |    |    |    |    |    |       |               |                |                 | U.220: .ASCII    | \PHYSICAL_FF\     |             | :          |  |   |
|    |    |    |    |    |    |    |    |    |    |    |    | FF    | 0012E         | :TPASKEYSTO    | -1              |                  | :                 |             |            |  |   |
|    |    |    |    |    |    |    |    |    |    |    |    |       | 0012F         | :TPASKEYSTO    |                 |                  | :                 |             |            |  |   |
|    |    |    |    |    |    |    |    |    |    |    |    |       |               |                | U.225: .BLKB    | 0                | :                 |             |            |  |   |
|    |    |    |    |    |    |    | 45 | 4E | 49 | 4C | 52 | 45    | 44            | 4E             | 55              | 0012F            | :TPASKEYST        |             | :          |  |   |
|    |    |    |    |    |    |    |    |    |    |    |    |       |               |                | FF              | 00138            | U.227: .ASCII     | \UNDERLINE\ | :          |  |   |
|    |    |    |    |    |    |    |    |    |    |    |    |       |               |                |                 | 00139            | :TPASKEYSTO       | -1          | :          |  |   |
|    |    |    |    |    |    |    |    |    |    |    |    |       |               |                |                 |                  | U.232: .BLKB      | 0           | :          |  |   |
| 31 | 5F | 4F | 4F | 42 | 5F | 45 | 54 | 41 | 56 | 49 | 52 | 50    | 00139         | :TPASKEYST     |                 |                  | :                 |             |            |  |   |
|    |    |    |    |    |    |    |    |    |    |    |    | FF    | 00146         | U.234: .ASCII  | \PRIVATE_BOO_1\ |                  | :                 |             |            |  |   |
|    |    |    |    |    |    |    |    |    |    |    |    |       | 00147         | :TPASKEYSTO    | -1              |                  | :                 |             |            |  |   |
|    |    |    |    |    |    |    |    |    |    |    |    |       |               |                |                 | U.239: .BLKB     | 0                 | :           |            |  |   |
| 32 | 5F | 4F | 4F | 42 | 5F | 45 | 54 | 41 | 56 | 49 | 52 | 50    | 00147         | :TPASKEYST     |                 |                  | :                 |             |            |  |   |
|    |    |    |    |    |    |    |    |    |    |    |    | FF    | 00154         | U.241: .ASCII  | \PRIVATE_BOO_2\ |                  | :                 |             |            |  |   |
|    |    |    |    |    |    |    |    |    |    |    |    |       | 00155         | :TPASKEYSTO    | -1              |                  | :                 |             |            |  |   |
|    |    |    |    |    |    |    |    |    |    |    |    |       |               |                |                 | U.246: .BLKB     | 0                 | :           |            |  |   |
| 33 | 5F | 4F | 4F | 42 | 5F | 45 | 54 | 41 | 56 | 49 | 52 | 50    | 00155         | :TPASKEYST     |                 |                  | :                 |             |            |  |   |
|    |    |    |    |    |    |    |    |    |    |    |    | FF    | 00162         | U.248: .ASCII  | \PRIVATE_BOO_3\ |                  | :                 |             |            |  |   |
|    |    |    |    |    |    |    |    |    |    |    |    |       | 00163         | :TPASKEYSTO    | -1              |                  | :                 |             |            |  |   |
|    |    |    |    |    |    |    |    |    |    |    |    |       |               |                |                 | U.253: .BLKB     | 0                 | :           |            |  |   |
| 34 | 5F | 4F | 4F | 42 | 5F | 45 | 54 | 41 | 56 | 49 | 52 | 50    | 00163         | :TPASKEYST     |                 |                  | :                 |             |            |  |   |
|    |    |    |    |    |    |    |    |    |    |    |    |       |               |                |                 | U.255: .ASCII    | \PRIVATE_BOO_4\   | :           |            |  |   |



30 31 5F 4F 4F 42 5F 45 54 41 56 49 52

.PSECT \_LIB\$STATES,NOWRT, SHR, PIC,1

00000 SMGSSA BOOLEAN STATES::

```
.....BLKB 0
```

00000 BEGIN\_SCAN:

99F8 00000 .TPASTYPE .BLKB 0

U.2: .WORD -26120 :

0000\* 00002 ;TPASSUBEXP

000000000\* 00004 :TRANSACTION U.4: WORD <<U.3-U.4>-2>

U.S.: LONG <<SMG\$\$\$NEXT RECORD-U.5>-4>

0000\* 00008 :TPASTARGET

0031 0000A U.6: WORD <<BEGIN\_SCAN-U.6>-2> ;

9021 0000A :TPASTYPE  
11-7: WORD -28639

00000000\* 0000C ;TPASACTION

U.8: LONG <<SMG\$\$\$NEXT\_RECORD-U.8>-4>

```
0000* 00010 :TPASTARGET
          11 9:      WORD      <<BEGIN SCAN=11 9>-2>
```

99F8 00012 :TPASTYPE

U.10: .WORD -26120 :

0000\* 00014 ;TPASSUBEXP

|           |       |              |                               |   |
|-----------|-------|--------------|-------------------------------|---|
| 00000000* | 00016 | U.12: .WORD  | <<U.11-U.12>-2>               | : |
|           |       | :TPASACTION  |                               |   |
| 0000*     | 0001A | U.13: .LONG  | <<SMG\$\$BLANKS_OFF-U.13>-4>  | : |
|           |       | :TPASTARGET  |                               |   |
| 15F6      | 0001C | U.14: .WORD  | <<BEGIN_SCAN-U.14>-2>         | : |
|           |       | :TPASTYPE    |                               |   |
| FFFF      | 0001E | U.15: .WORD  | 5622                          | : |
|           |       | :TPASTARGET  |                               |   |
|           | 00020 | U.16: .WORD  | -1                            | : |
|           |       | :END_OF_LINE |                               |   |
| 11F7      | 00020 | U.3: .BLKB   | 0                             | : |
|           |       | :TPASTYPE    |                               |   |
| FFFF      | 00022 | U.17: .WORD  | 4599                          | : |
|           |       | :TPASTARGET  |                               |   |
| 1021      | 00024 | U.18: .WORD  | -1                            | : |
|           |       | :TPASTYPE    |                               |   |
| FFFF      | 00026 | U.19: .WORD  | 4129                          | : |
|           |       | :TPASTARGET  |                               |   |
| 15F6      | 00028 | U.20: .WORD  | -1                            | : |
|           |       | :TPASTYPE    |                               |   |
| FFFE      | 0002A | U.21: .WORD  | 5622                          | : |
|           |       | :TPASTARGET  |                               |   |
|           |       | U.22: .WORD  | -2                            | : |
|           | 0002C | :CAPABILITY  |                               |   |
|           |       | U.11: .BLKB  | 0                             | : |
| 99F8      | 0002C | :TPASTYPE    |                               |   |
|           |       | U.23: .WORD  | -26120                        | : |
| 0000*     | 0002E | :TPASSUBEXP  |                               |   |
|           |       | U.25: .WORD  | <<U.24-U.25>-2>               | : |
| 00000000* | 00030 | :TPASACTION  |                               |   |
|           |       | U.26: .LONG  | <<SMG\$\$BLANKS_OFF-U.26>-4>  | : |
| 0000*     | 00034 | :TPASTARGET  |                               |   |
|           |       | U.28: .WORD  | <<U.27-U.28>-2>               | : |
| 1100      | 00036 | :TPASTYPE    |                               |   |
|           |       | U.32: .WORD  | 4352                          | : |
| FFFE      | 00038 | :TPASTARGET  |                               |   |
|           |       | U.33: .WORD  | -2                            | : |
| 1101      | 0003A | :TPASTYPE    |                               |   |
|           |       | U.37: .WORD  | 4353                          | : |
| FFFE      | 0003C | :TPASTARGET  |                               |   |
|           |       | U.38: .WORD  | -2                            | : |
| 1102      | 0003E | :TPASTYPE    |                               |   |
|           |       | U.42: .WORD  | 4354                          | : |
| FFFE      | 00040 | :TPASTARGET  |                               |   |
|           |       | U.43: .WORD  | -2                            | : |
| 1103      | 00042 | :TPASTYPE    |                               |   |
|           |       | U.47: .WORD  | 4355                          | : |
| 0000*     | 00044 | :TPASTARGET  |                               |   |
|           |       | U.48: .WORD  | <<BEGIN_SCAN-U.48>-2>         | : |
| 9104      | 00046 | :TPASTYPE    |                               |   |
|           |       | U.52: .WORD  | -28412                        | : |
| 00000000* | 00048 | :TPASACTION  |                               |   |
|           |       | U.53: .LONG  | <<SMG\$\$MISSING_END-U.53>-4> | : |
| FFFE      | 0004C | :TPASTARGET  |                               |   |
|           |       | U.54: .WORD  | -2                            | : |
| 9105      | 0004E | :TPASTYPE    |                               |   |
|           |       | U.58: .WORD  | -28411                        | : |



|           |       |               |                             |  |   |
|-----------|-------|---------------|-----------------------------|--|---|
| 00000000* | 00050 | :TPASACTION   |                             |  |   |
|           |       | U.59: .LONG   | <<SMG\$MISSING_END-U.59>-4> |  | : |
| FFFE      | 00054 | :TPASTARGET   |                             |  | : |
|           |       | U.60: .WORD   | -2                          |  | : |
| 85F1      | 00056 | :TPASTYPE     |                             |  | : |
|           |       | U.61: .WORD   | -31247                      |  | : |
| 00000000* | 00058 | :TPASACTION   |                             |  | : |
|           |       | U.62: .LONG   | <<NOT_BOOLEAN-U.62>-4>      |  | : |
|           | 0005C | :BOOLEAN_NAME |                             |  | : |
|           |       | U.24: .BLKB   | 0                           |  | : |
| 7106      | 0005C | :TPASTYPE     |                             |  | : |
|           |       | U.67: .WORD   | 28934                       |  | : |
| 00000000* | 0005E | :TPASADDR     |                             |  | : |
|           |       | U.68: .LONG   | <<SMG\$MASK_ADR-U.68>-4>    |  | : |
| 00000001  | 00062 | :TPASMASK     |                             |  | : |
|           |       | U.69: .LONG   | 1                           |  | : |
| FFFF      | 00066 | :TPASTARGET   |                             |  | : |
|           |       | U.70: .WORD   | -1                          |  | : |
| 7107      | 00068 | :TPASTYPE     |                             |  | : |
|           |       | U.74: .WORD   | 28935                       |  | : |
| 00000000* | 0006A | :TPASADDR     |                             |  | : |
|           |       | U.75: .LONG   | <<SMG\$MASK_ADR-U.75>-4>    |  | : |
| 00000002  | 0006E | :TPASMASK     |                             |  | : |
|           |       | U.76: .LONG   | 2                           |  | : |
| FFFF      | 00072 | :TPASTARGET   |                             |  | : |
|           |       | U.77: .WORD   | -1                          |  | : |
| 7108      | 00074 | :TPASTYPE     |                             |  | : |
|           |       | U.81: .WORD   | 28936                       |  | : |
| 00000000* | 00076 | :TPASADDR     |                             |  | : |
|           |       | U.82: .LONG   | <<SMG\$MASK_ADR-U.82>-4>    |  | : |
| 00000003  | 0007A | :TPASMASK     |                             |  | : |
|           |       | U.83: .LONG   | 3                           |  | : |
| FFFF      | 0007E | :TPASTARGET   |                             |  | : |
|           |       | U.84: .WORD   | -1                          |  | : |
| 7109      | 00080 | :TPASTYPE     |                             |  | : |
|           |       | U.88: .WORD   | 28937                       |  | : |
| 00000000* | 00082 | :TPASADDR     |                             |  | : |
|           |       | U.89: .LONG   | <<SMG\$MASK_ADR-U.89>-4>    |  | : |
| 00000004  | 00086 | :TPASMASK     |                             |  | : |
|           |       | U.90: .LONG   | 4                           |  | : |
| FFFF      | 0008A | :TPASTARGET   |                             |  | : |
|           |       | U.91: .WORD   | -1                          |  | : |
| 710A      | 0008C | :TPASTYPE     |                             |  | : |
|           |       | U.95: .WORD   | 28938                       |  | : |
| 00000000* | 0008E | :TPASADDR     |                             |  | : |
|           |       | U.96: .LONG   | <<SMG\$MASK_ADR-U.96>-4>    |  | : |
| 00000005  | 00092 | :TPASMASK     |                             |  | : |
|           |       | U.97: .LONG   | 5                           |  | : |
| FFFF      | 00096 | :TPASTARGET   |                             |  | : |
|           |       | U.98: .WORD   | -1                          |  | : |
| 710B      | 00098 | :TPASTYPE     |                             |  | : |
|           |       | U.102: .WORD  | 28939                       |  | : |
| 00000000* | 0009A | :TPASADDR     |                             |  | : |
|           |       | U.103: .LONG  | <<SMG\$MASK_ADR-U.103>-4>   |  | : |
| 00000018  | 0009E | :TPASMASK     |                             |  | : |
|           |       | U.104: .LONG  | 24                          |  | : |
| FFFF      | 000A2 | :TPASTARGET   |                             |  | : |



|           |       |               |                             |   |
|-----------|-------|---------------|-----------------------------|---|
| 710C      | 000A4 | U.105: .WORD  | -1                          |   |
|           |       | :TPAS\$TYPE   |                             | : |
|           |       | U.109: .WORD  | 28940                       | : |
| 00000000* | 000A6 | :TPAS\$ADDR   |                             | : |
|           |       | U.110: .LONG  | <<SMG\$\$MASK_ADR-U.110>-4> | : |
| 00000006  | 000AA | :TPAS\$MASK   |                             | : |
|           |       | U.111: .LONG  | 6                           | : |
| FFFF      | 000AE | :TPAS\$TARGET |                             | : |
|           |       | U.112: .WORD  | -1                          | : |
| 710D      | 000B0 | :TPAS\$TYPE   |                             | : |
|           |       | U.116: .WORD  | 28941                       | : |
| 00000000* | 000B2 | :TPAS\$ADDR   |                             | : |
|           |       | U.117: .LONG  | <<SMG\$\$MASK_ADR-U.117>-4> | : |
| 00000007  | 000B6 | :TPAS\$MASK   |                             | : |
|           |       | U.118: .LONG  | 7                           | : |
| FFFF      | 000BA | :TPAS\$TARGET |                             | : |
|           |       | U.119: .WORD  | -1                          | : |
| 710E      | 000BC | :TPAS\$TYPE   |                             | : |
|           |       | U.123: .WORD  | 28942                       | : |
| 00000000* | 000BE | :TPAS\$ADDR   |                             | : |
|           |       | U.124: .LONG  | <<SMG\$\$MASK_ADR-U.124>-4> | : |
| 00000008  | 000C2 | :TPAS\$MASK   |                             | : |
|           |       | U.125: .LONG  | 8                           | : |
| FFFF      | 000C6 | :TPAS\$TARGET |                             | : |
|           |       | U.126: .WORD  | -1                          | : |
| 710F      | 000C8 | :TPAS\$TYPE   |                             | : |
|           |       | U.130: .WORD  | 28943                       | : |
| 00000000* | 000CA | :TPAS\$ADDR   |                             | : |
|           |       | U.131: .LONG  | <<SMG\$\$MASK_ADR-U.131>-4> | : |
| 00000009  | 000CE | :TPAS\$MASK   |                             | : |
|           |       | U.132: .LONG  | 9                           | : |
| FFFF      | 000D2 | :TPAS\$TARGET |                             | : |
|           |       | U.133: .WORD  | -1                          | : |
| 7110      | 000D4 | :TPAS\$TYPE   |                             | : |
|           |       | U.137: .WORD  | 28944                       | : |
| 00000000* | 000D6 | :TPAS\$ADDR   |                             | : |
|           |       | U.138: .LONG  | <<SMG\$\$MASK_ADR-U.138>-4> | : |
| 0000000A  | 000DA | :TPAS\$MASK   |                             | : |
|           |       | U.139: .LONG  | 10                          | : |
| FFFF      | 000DE | :TPAS\$TARGET |                             | : |
|           |       | U.140: .WORD  | -1                          | : |
| 7111      | 000E0 | :TPAS\$TYPE   |                             | : |
|           |       | U.144: .WORD  | 28945                       | : |
| 00000000* | 000E2 | :TPAS\$ADDR   |                             | : |
|           |       | U.145: .LONG  | <<SMG\$\$MASK_ADR-U.145>-4> | : |
| 0000000B  | 000E6 | :TPAS\$MASK   |                             | : |
|           |       | U.146: .LONG  | 11                          | : |
| FFFF      | 000EA | :TPAS\$TARGET |                             | : |
|           |       | U.147: .WORD  | -1                          | : |
| 7112      | 000EC | :TPAS\$TYPE   |                             | : |
|           |       | U.151: .WORD  | 28946                       | : |
| 00000000* | 000EE | :TPAS\$ADDR   |                             | : |
|           |       | U.152: .LONG  | <<SMG\$\$MASK_ADR-U.152>-4> | : |
| 0000000C  | 000F2 | :TPAS\$MASK   |                             | : |
|           |       | U.153: .LONG  | 12                          | : |
| FFFF      | 000F6 | :TPAS\$TARGET |                             | : |
|           |       | U.154: .WORD  | -1                          | : |



|           |       |              |                           |  |   |
|-----------|-------|--------------|---------------------------|--|---|
| 7113      | 000F8 | :TPASTYPE    |                           |  |   |
|           |       | U.158: .WORD | 28947                     |  | : |
| 00000000* | 000FA | :TPASADDR    |                           |  | : |
|           |       | U.159: .LONG | <<SMG\$MASK_ADR-U.159>-4> |  | : |
| 0000000D  | 000FE | :TPASMASK    |                           |  | : |
|           |       | U.160: .LONG | 13                        |  | : |
| FFFF      | 00102 | :TPASTARGET  |                           |  | : |
|           |       | U.161: .WORD | -1                        |  | : |
| 7114      | 00104 | :TPASTYPE    |                           |  | : |
|           |       | U.165: .WORD | 28948                     |  | : |
| 00000000* | 00106 | :TPASADDR    |                           |  | : |
|           |       | U.166: .LONG | <<SMG\$MASK_ADR-U.166>-4> |  | : |
| 0000000E  | 0010A | :TPASMASK    |                           |  | : |
|           |       | U.167: .LONG | 14                        |  | : |
| FFFF      | 0010E | :TPASTARGET  |                           |  | : |
|           |       | U.168: .WORD | -1                        |  | : |
| 7115      | 00110 | :TPASTYPE    |                           |  | : |
|           |       | U.172: .WORD | 28949                     |  | : |
| 00000000* | 00112 | :TPASADDR    |                           |  | : |
|           |       | U.173: .LONG | <<SMG\$MASK_ADR-U.173>-4> |  | : |
| 0000000F  | 00116 | :TPASMASK    |                           |  | : |
|           |       | U.174: .LONG | 15                        |  | : |
| FFFF      | 0011A | :TPASTARGET  |                           |  | : |
|           |       | U.175: .WORD | -1                        |  | : |
| 7116      | 0011C | :TPASTYPE    |                           |  | : |
|           |       | U.179: .WORD | 28950                     |  | : |
| 00000000* | 0011E | :TPASADDR    |                           |  | : |
|           |       | U.180: .LONG | <<SMG\$MASK_ADR-U.180>-4> |  | : |
| 00000010  | 00122 | :TPASMASK    |                           |  | : |
|           |       | U.181: .LONG | 16                        |  | : |
| FFFF      | 00126 | :TPASTARGET  |                           |  | : |
|           |       | U.182: .WORD | -1                        |  | : |
| 7117      | 00128 | :TPASTYPE    |                           |  | : |
|           |       | U.186: .WORD | 28951                     |  | : |
| 00000000* | 0012A | :TPASADDR    |                           |  | : |
|           |       | U.187: .LONG | <<SMG\$MASK_ADR-U.187>-4> |  | : |
| 00000011  | 0012E | :TPASMASK    |                           |  | : |
|           |       | U.188: .LONG | 17                        |  | : |
| FFFF      | 00132 | :TPASTARGET  |                           |  | : |
|           |       | U.189: .WORD | -1                        |  | : |
| 7118      | 00134 | :TPASTYPE    |                           |  | : |
|           |       | U.193: .WORD | 28952                     |  | : |
| 00000000* | 00136 | :TPASADDR    |                           |  | : |
|           |       | U.194: .LONG | <<SMG\$MASK_ADR-U.194>-4> |  | : |
| 00000012  | 0013A | :TPASMASK    |                           |  | : |
|           |       | U.195: .LONG | 18                        |  | : |
| FFFF      | 0013E | :TPASTARGET  |                           |  | : |
|           |       | U.196: .WORD | -1                        |  | : |
| 7119      | 00140 | :TPASTYPE    |                           |  | : |
|           |       | U.200: .WORD | 28953                     |  | : |
| 00000000* | 00142 | :TPASADDR    |                           |  | : |
|           |       | U.201: .LONG | <<SMG\$MASK_ADR-U.201>-4> |  | : |
| 00000013  | 00146 | :TPASMASK    |                           |  | : |
|           |       | U.202: .LONG | 19                        |  | : |
| FFFF      | 0014A | :TPASTARGET  |                           |  | : |
|           |       | U.203: .WORD | -1                        |  | : |
| 711A      | 0014C | :TPASTYPE    |                           |  | : |



|           |       |              |                           |   |
|-----------|-------|--------------|---------------------------|---|
| 00000000* | 0014E | U.207: .WORD | 28954                     | : |
|           |       | :TPASADDR    |                           | : |
| 00000014  | 00152 | U.208: .LONG | <<SMG\$MASK_ADR-U.208>-4> | : |
|           |       | :TPASMASK    |                           | : |
| FFFF      | 00156 | U.209: .LONG | 20                        | : |
|           |       | :TPASTARGET  |                           | : |
| 711B      | 00158 | U.210: .WORD | -1                        | : |
|           |       | :TPASTYPE    |                           | : |
| 00000000* | 0015A | U.214: .WORD | 28955                     | : |
|           |       | :TPASADDR    |                           | : |
| 00000015  | 0015E | U.215: .LONG | <<SMG\$MASK_ADR-U.215>-4> | : |
|           |       | :TPASMASK    |                           | : |
| FFFF      | 00162 | U.216: .LONG | 21                        | : |
|           |       | :TPASTARGET  |                           | : |
| 711C      | 00164 | U.217: .WORD | -1                        | : |
|           |       | :TPASTYPE    |                           | : |
| 00000000* | 00166 | U.221: .WORD | 28956                     | : |
|           |       | :TPASADDR    |                           | : |
| 00000016  | 0016A | U.222: .LONG | <<SMG\$MASK_ADR-U.222>-4> | : |
|           |       | :TPASMASK    |                           | : |
| FFFF      | 0016E | U.223: .LONG | 22                        | : |
|           |       | :TPASTARGET  |                           | : |
| 711D      | 00170 | U.224: .WORD | -1                        | : |
|           |       | :TPASTYPE    |                           | : |
| 00000000* | 00172 | U.228: .WORD | 28957                     | : |
|           |       | :TPASADDR    |                           | : |
| 00000017  | 00176 | U.229: .LONG | <<SMG\$MASK_ADR-U.229>-4> | : |
|           |       | :TPASMASK    |                           | : |
| FFFF      | 0017A | U.230: .LONG | 23                        | : |
|           |       | :TPASTARGET  |                           | : |
| 711E      | 0017C | U.231: .WORD | -1                        | : |
|           |       | :TPASTYPE    |                           | : |
| 00000000* | 0017E | U.235: .WORD | 28958                     | : |
|           |       | :TPASADDR    |                           | : |
| 000000D3  | 00182 | U.236: .LONG | <<SMG\$MASK_ADR-U.236>-4> | : |
|           |       | :TPASMASK    |                           | : |
| FFFF      | 00186 | U.237: .LONG | 211                       | : |
|           |       | :TPASTARGET  |                           | : |
| 711F      | 00188 | U.238: .WORD | -1                        | : |
|           |       | :TPASTYPE    |                           | : |
| 00000000* | 0018A | U.242: .WORD | 28959                     | : |
|           |       | :TPASADDR    |                           | : |
| 000000D4  | 0018E | U.243: .LONG | <<SMG\$MASK_ADR-U.243>-4> | : |
|           |       | :TPASMASK    |                           | : |
| FFFF      | 00192 | U.244: .LONG | 212                       | : |
|           |       | :TPASTARGET  |                           | : |
| 7120      | 00194 | U.245: .WORD | -1                        | : |
|           |       | :TPASTYPE    |                           | : |
| 00000000* | 00196 | U.249: .WORD | 28960                     | : |
|           |       | :TPASADDR    |                           | : |
| 000000D5  | 0019A | U.250: .LONG | <<SMG\$MASK_ADR-U.250>-4> | : |
|           |       | :TPASMASK    |                           | : |
| FFFF      | 0019E | U.251: .LONG | 213                       | : |
|           |       | :TPASTARGET  |                           | : |
| 7121      | 001A0 | U.252: .WORD | -1                        | : |
|           |       | :TPASTYPE    |                           | : |
|           |       | U.256: .WORD | 28961                     | : |



|           |       |              |                           |   |
|-----------|-------|--------------|---------------------------|---|
| 00000000* | 001A2 | :TPASADDR    |                           |   |
|           |       | U.257: .LONG | <<SMG\$MASK_ADR-U.257>-4> | : |
| 000000D6  | 001A6 | :TPASMASK    |                           | : |
|           |       | U.258: .LONG | 214                       | : |
| FFFF      | 001AA | :TPASTARGET  |                           | : |
|           |       | U.259: .WORD | -1                        | : |
| 7122      | 001AC | :TPASTYPE    |                           | : |
|           |       | U.263: .WORD | 28962                     | : |
| 00000000* | 001AE | :TPASADDR    |                           | : |
|           |       | U.264: .LONG | <<SMG\$MASK_ADR-U.264>-4> | : |
| 000000D7  | 001B2 | :TPASMASK    |                           | : |
|           |       | U.265: .LONG | 215                       | : |
| FFFF      | 001B6 | :TPASTARGET  |                           | : |
|           |       | U.266: .WORD | -1                        | : |
| 7123      | 001B8 | :TPASTYPE    |                           | : |
|           |       | U.270: .WORD | 28963                     | : |
| 00000000* | 001BA | :TPASADDR    |                           | : |
|           |       | U.271: .LONG | <<SMG\$MASK_ADR-U.271>-4> | : |
| 000000D8  | 001BE | :TPASMASK    |                           | : |
|           |       | U.272: .LONG | 216                       | : |
| FFFF      | 001C2 | :TPASTARGET  |                           | : |
|           |       | U.273: .WORD | -1                        | : |
| 7124      | 001C4 | :TPASTYPE    |                           | : |
|           |       | U.277: .WORD | 28964                     | : |
| 00000000* | 001C6 | :TPASADDR    |                           | : |
|           |       | U.278: .LONG | <<SMG\$MASK_ADR-U.278>-4> | : |
| 000000D9  | 001CA | :TPASMASK    |                           | : |
|           |       | U.279: .LONG | 217                       | : |
| FFFF      | 001CE | :TPASTARGET  |                           | : |
|           |       | U.280: .WORD | -1                        | : |
| 7125      | 001D0 | :TPASTYPE    |                           | : |
|           |       | U.284: .WORD | 28965                     | : |
| 00000000* | 001D2 | :TPASADDR    |                           | : |
|           |       | U.285: .LONG | <<SMG\$MASK_ADR-U.285>-4> | : |
| 000000DA  | 001D6 | :TPASMASK    |                           | : |
|           |       | U.286: .LONG | 218                       | : |
| FFFF      | 001DA | :TPASTARGET  |                           | : |
|           |       | U.287: .WORD | -1                        | : |
| 7126      | 001DC | :TPASTYPE    |                           | : |
|           |       | U.291: .WORD | 28966                     | : |
| 00000000* | 001DE | :TPASADDR    |                           | : |
|           |       | U.292: .LONG | <<SMG\$MASK_ADR-U.292>-4> | : |
| 000000DB  | 001E2 | :TPASMASK    |                           | : |
|           |       | U.293: .LONG | 219                       | : |
| FFFF      | 001E6 | :TPASTARGET  |                           | : |
|           |       | U.294: .WORD | -1                        | : |
| 7127      | 001E8 | :TPASTYPE    |                           | : |
|           |       | U.298: .WORD | 28967                     | : |
| 00000000* | 001EA | :TPASADDR    |                           | : |
|           |       | U.299: .LONG | <<SMG\$MASK_ADR-U.299>-4> | : |
| 000000DC  | 001EE | :TPASMASK    |                           | : |
|           |       | U.300: .LONG | 220                       | : |
| FFFF      | 001F2 | :TPASTARGET  |                           | : |
|           |       | U.301: .WORD | -1                        | : |
| 15F6      | 001F4 | :TPASTYPE    |                           | : |
|           |       | U.302: .WORD | 5622                      | : |
| FFFE      | 001F6 | :TPASTARGET  |                           | : |

|           |       |                    |                                     |  |
|-----------|-------|--------------------|-------------------------------------|--|
|           |       | U.303: .WORD       | -2                                  |  |
|           | 001F8 | :EQUALS_BOOLEAN    |                                     |  |
|           |       | U.27: .BLKB        | 0                                   |  |
| 99F8      | 001F8 | :TPASTYPE          |                                     |  |
|           |       | U.305: .WORD       | -26120                              |  |
| 0000*     | 001FA | :TPASSUBEXP        |                                     |  |
|           |       | U.306: .WORD       | <<U.3-U.306>-2>                     |  |
| 00000000* | 001FC | :TPASACTION        |                                     |  |
|           |       | U.307: .LONG       | <<SMG\$\$NEXT_RECORD-U.307>-4>      |  |
| 0000*     | 00200 | :TPASTARGET        |                                     |  |
|           |       | U.308: .WORD       | <<U.27-U.308>-2>                    |  |
| 903D      | 00202 | :TPASTYPE          |                                     |  |
|           |       | U.309: .WORD       | -28611                              |  |
| 00000000* | 00204 | :TPASACTION        |                                     |  |
|           |       | U.310: .LONG       | <<SMG\$\$\$STORE_CAP_MASK-U.310>-4> |  |
| 0000*     | 00208 | :TPASTARGET        |                                     |  |
|           |       | U.312: .WORD       | <<U.311-U.312>-2>                   |  |
| 81F1      | 0020A | :TPASTYPE          |                                     |  |
|           |       | U.313: .WORD       | -32271                              |  |
| 00000000* | 0020C | :TPASACTION        |                                     |  |
|           |       | U.314: .LONG       | <<SMG\$\$\$SYNTAX_ERROR-U.314>-4>   |  |
| 85ED      | 00210 | :TPASTYPE          |                                     |  |
|           |       | U.315: .WORD       | -31251                              |  |
| 00000000* | 00212 | :TPASACTION        |                                     |  |
|           |       | U.316: .LONG       | <<SMG\$\$\$SYNTAX_ERROR-U.316>-4>   |  |
|           | 00216 | :BOOLEAN_CAP VALUE |                                     |  |
|           |       | U.311: .BLKB       | 0                                   |  |
| 99F8      | 00216 | :TPASTYPE          |                                     |  |
|           |       | U.317: .WORD       | -26120                              |  |
| 0000*     | 00218 | :TPASSUBEXP        |                                     |  |
|           |       | U.318: .WORD       | <<U.3-U.318>-2>                     |  |
| 00000000* | 0021A | :TPASACTION        |                                     |  |
|           |       | U.319: .LONG       | <<SMG\$\$NEXT_RECORD-U.319>-4>      |  |
| 0000*     | 0021E | :TPASTARGET        |                                     |  |
|           |       | U.320: .WORD       | <<U.311-U.320>-2>                   |  |
| 19F8      | 00220 | :TPASTYPE          |                                     |  |
|           |       | U.321: .WORD       | 6648                                |  |
| 0000*     | 00222 | :TPASSUBEXP        |                                     |  |
|           |       | U.323: .WORD       | <<U.322-U.323>-2>                   |  |
| 0000*     | 00224 | :TPASTARGET        |                                     |  |
|           |       | U.324: .WORD       | <<BEGIN_SCAN-U.324>-2>              |  |
| 81F1      | 00226 | :TPASTYPE          |                                     |  |
|           |       | U.325: .WORD       | -32271                              |  |
| 00000000* | 00228 | :TPASACTION        |                                     |  |
|           |       | U.326: .LONG       | <<SMG\$\$\$SYNTAX_ERROR-U.326>-4>   |  |
| 85ED      | 0022C | :TPASTYPE          |                                     |  |
|           |       | U.327: .WORD       | -31251                              |  |
| 00000000* | 0022E | :TPASACTION        |                                     |  |
|           |       | U.328: .LONG       | <<SMG\$\$\$SYNTAX_ERROR-U.328>-4>   |  |
|           | 00232 | :BOOLEAN_CAP       |                                     |  |
|           |       | U.322: .BLKB       | 0                                   |  |
| 91F3      | 00232 | :TPASTYPE          |                                     |  |
|           |       | U.329: .WORD       | -28173                              |  |
| 00000000V | 00234 | :TPASACTION        |                                     |  |
|           |       | U.330: .LONG       | <<STORE_BOOLEAN-U.330>-4>           |  |
| 0000*     | 00238 | :TPASTARGET        |                                     |  |
|           |       | U.332: .WORD       | <<U.331-U.332>-2>                   |  |



```

15F6 0023A :TPASTYPE
          U.333: .WORD 5622
FFFE 0023C :TPASTARGET
          U.334: .WORD -2
          0023E :COMMA
          U.331: .BLKB 0
902C 0023E :TPASTYPE
          U.335: .WORD -28628
00000000* 00240 :TPASACTION
          U.336: .LONG <<SMG$$BLANKS_OFF-U.336>-4>
FFFF 00244 :TPASTARGET
          U.337: .WORD -1
91F2 00246 :TPASTYPE
          U.338: .WORD -28174
00000000* 00248 :TPASACTION
          U.339: .LONG <<SMG$$BLANKS_OFF-U.339>-4>
0000* 0024C :TPASTARGET
          U.340: .WORD <<U.331-U.340>-2>
99F8 0024E :TPASTYPE
          U.341: .WORD -26120
0000* 00250 :TPASSUBEXP
          U.342: .WORD <<U.3-U.342>-2>
00000000* 00252 :TPASACTION
          U.343: .LONG <<SMG$$NEXT_RECORD-U.343>-4>
FFFF 00256 :TPASTARGET
          U.344: .WORD -1
85ED 00258 :TPASTYPE
          U.345: .WORD -31251
00000000* 0025A :TPASACTION
          U.346: .LONG <<SMG$$SYNTAX_ERROR-U.346>-4>

          .PSECT _LIB$KEY0$,NOWRT, SHR, PIC,1

00000 SMG$$A_BOOLEAN_KEYWDS::
          .BLKB 0
00000 :TPASKEY0
          U.1: .BLKB 0
0000* 00000 :TPASKEY
          U.30: .WORD <U.29-U.1>
0000* 00002 :TPASKEY
          U.35: .WORD <U.34-U.1>
0000* 00004 :TPASKEY
          U.40: .WORD <U.39-U.1>
0000* 00006 :TPASKEY
          U.45: .WORD <U.44-U.1>
0000* 00008 :TPASKEY
          U.50: .WORD <U.49-U.1>
0000* 0000A :TPASKEY
          U.56: .WORD <U.55-U.1>
0000* 0000C :TPASKEY
          U.65: .WORD <U.64-U.1>
0000* 0000E :TPASKEY
          U.72: .WORD <U.71-U.1>
0000* 00010 :TPASKEY
          U.79: .WORD <U.78-U.1>
0000* 00012 :TPASKEY
          U.86: .WORD <U.85-U.1>

```

|       |       |          |                   |
|-------|-------|----------|-------------------|
| 0000* | 00014 | :TPASKEY |                   |
|       |       | U.93:    | .WORD <U.92-U.1>  |
| 0000* | 00016 | :TPASKEY |                   |
|       |       | U.100:   | .WORD <U.99-U.1>  |
| 0000* | 00018 | :TPASKEY |                   |
|       |       | U.107:   | .WORD <U.106-U.1> |
| 0000* | 0001A | :TPASKEY |                   |
|       |       | U.114:   | .WORD <U.113-U.1> |
| 0000* | 0001C | :TPASKEY |                   |
|       |       | U.121:   | .WORD <U.120-U.1> |
| 0000* | 0001E | :TPASKEY |                   |
|       |       | U.128:   | .WORD <U.127-U.1> |
| 0000* | 00020 | :TPASKEY |                   |
|       |       | U.135:   | .WORD <U.134-U.1> |
| 0000* | 00022 | :TPASKEY |                   |
|       |       | U.142:   | .WORD <U.141-U.1> |
| 0000* | 00024 | :TPASKEY |                   |
|       |       | U.149:   | .WORD <U.148-U.1> |
| 0000* | 00026 | :TPASKEY |                   |
|       |       | U.156:   | .WORD <U.155-U.1> |
| 0000* | 00028 | :TPASKEY |                   |
|       |       | U.163:   | .WORD <U.162-U.1> |
| 0000* | 0002A | :TPASKEY |                   |
|       |       | U.170:   | .WORD <U.169-U.1> |
| 0000* | 0002C | :TPASKEY |                   |
|       |       | U.177:   | .WORD <U.176-U.1> |
| 0000* | 0002E | :TPASKEY |                   |
|       |       | U.184:   | .WORD <U.183-U.1> |
| 0000* | 00030 | :TPASKEY |                   |
|       |       | U.191:   | .WORD <U.190-U.1> |
| 0000* | 00032 | :TPASKEY |                   |
|       |       | U.198:   | .WORD <U.197-U.1> |
| 0000* | 00034 | :TPASKEY |                   |
|       |       | U.205:   | .WORD <U.204-U.1> |
| 0000* | 00036 | :TPASKEY |                   |
|       |       | U.212:   | .WORD <U.211-U.1> |
| 0000* | 00038 | :TPASKEY |                   |
|       |       | U.219:   | .WORD <U.218-U.1> |
| 0000* | 0003A | :TPASKEY |                   |
|       |       | U.226:   | .WORD <U.225-U.1> |
| 0000* | 0003C | :TPASKEY |                   |
|       |       | U.233:   | .WORD <U.232-U.1> |
| 0000* | 0003E | :TPASKEY |                   |
|       |       | U.240:   | .WORD <U.239-U.1> |
| 0000* | 00040 | :TPASKEY |                   |
|       |       | U.247:   | .WORD <U.246-U.1> |
| 0000* | 00042 | :TPASKEY |                   |
|       |       | U.254:   | .WORD <U.253-U.1> |
| 0000* | 00044 | :TPASKEY |                   |
|       |       | U.261:   | .WORD <U.260-U.1> |
| 0000* | 00046 | :TPASKEY |                   |
|       |       | U.268:   | .WORD <U.267-U.1> |
| 0000* | 00048 | :TPASKEY |                   |
|       |       | U.275:   | .WORD <U.274-U.1> |
| 0000* | 0004A | :TPASKEY |                   |
|       |       | U.282:   | .WORD <U.281-U.1> |
| 0000* | 0004C | :TPASKEY |                   |

[illegible]

.....



SMG\$BOOLEAN\_TAB TPARSE tables for Boolean capabilities  
1-002 NOT\_BOOLEAN - signal an unknown capability name

I 11  
16-Sep-1984 00:14:29  
14-Sep-1984 13:09:38

VAX-11 Bliss-32 V4.0-742  
[SMGRTL.SRC]SMGBOOTAB.B32;1

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(4)

0000\* 0004E U.289: .WORD <U.288-U.1>  
;TPASKEY  
U.296: .WORD <U.295-U.1>

.EXTRN SMG\$\$BLANKS OFF  
.EXTRN SMG\$\$FLUSH NUMERIC  
.EXTRN SMG\$\$MISSING END  
.EXTRN SMG\$\$NEXT RECORD  
.EXTRN SMG\$\$STORE CAP MASK  
.EXTRN SMG\$\$SYNTAX ERROR  
.EXTRN SMG\$\_ERRLIN, SMG\$\_ERRAT LIN  
.EXTRN SMG\$\_ILLVAL, SMG\$\_MISTERNAM  
.EXTRN SMG\$\_NOTBOOCAP, SMG\$\_SYNERR  
.EXTRN SMG\$\$MASK\_ADR, SMG\$\$CURRENT\_LINE

.PSECT \_SMG\$CODE, NOWRT, SHR, PIC, 2

0000 00000 NOT\_BOOLEAN:

00000000G 00 9F 00002  
7E 10 AC 7D 00008  
00000000G 00 DD 0000C  
03 DD 00012  
00000000G 00 9F 00014  
00000000G 00 06 FB 0001A  
04 00021

.WORD Save nothing  
PUSHAB SMG\$ NOTBOOCAP  
MOVQ 16(AP), -(SP)  
PUSHL SMG\$\$CURRENT\_LINE  
PUSHL #3  
PUSHAB SMG\$\_ERRAT LIN  
CALLS #6, [IB\$STOP  
RET

: 0328  
: 0368  
: 0370  
: 0369  
: 0368  
: 0373

; Routine Size: 34 bytes, Routine Base: \_SMG\$CODE + 0000

[illegible]



|           |    |    |    | 0000 00000 STORE_BOOLEAN: |        |                            |        |
|-----------|----|----|----|---------------------------|--------|----------------------------|--------|
|           |    | 1C | AC | D5 00002                  | WORD   | Save nothing               | : 0375 |
|           |    |    | 06 | 13 00005                  | TSTL   | 28(AP)                     | : 0415 |
|           | 01 | 1C | AC | D1 00007                  | BEQL   | 1\$                        |        |
|           |    |    | 0D | 12 0000B                  | CMPL   | 28(AP), #1                 | : 0416 |
| 00000000G | 00 |    | 6C | FA 0000D                  | BNEQ   | 2\$                        |        |
| 04        | AC |    | 01 | 88 00014                  | CALLG  | (AP), SMG\$\$FLUSH_NUMERIC | : 0419 |
|           |    |    | 1B | 11 00018                  | BISB2  | #1, 4(AP)                  | : 0421 |
|           |    |    | 00 | 9F 0001A                  | BRB    | 3\$                        | : 0415 |
|           |    |    | 00 | DD 00020                  | PUSHAB | SMG\$ ILLVAL               | : 0424 |
|           |    |    | 01 | DD 00026                  | PUSHL  | SMG\$\$CURRENT_LINE        | : 0425 |
|           |    |    | 00 | 9F 00028                  | PUSHL  | #1                         | : 0424 |
| 00000000G | 00 |    | 04 | FB 0002E                  | PUSHAB | SMG\$ ERRLIN               |        |
|           | 50 |    | 01 | D0 00035                  | CALLS  | #4, [IB\$STOP              |        |
|           |    |    | 04 | 00038                     | MOVL   | #1, R0                     | : 0428 |
|           |    |    |    |                           | RET    |                            | : 0430 |

; Routine Size: 57 bytes, Routine Base: \_SMG\$CODE + 0022

; 358 0431 1 !<BLF/PAGE>

SMG\$BOOLEAN\_TAB TPARSE tables for Boolean capabilities  
1-002 STORE\_BOOLEAN - store boolean value

L 11  
16-Sep-1984 00:14:29 VAX-11 Bliss-32 V4.0-742  
14-Sep-1984 13:09:38 [SMGRTL.SRC]SMGBOOTAB.B32;1

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(6)

: 360 0432 1 END  
: 361 0433 1  
: 362 0434 0 ELUDOM

! End of module SMG\$BOOLEAN\_TABLES

.EXTRN LIB\$STOP

PSECT SUMMARY

| Name         | Bytes | Attributes                                             |
|--------------|-------|--------------------------------------------------------|
| _LIB\$KEY0\$ | 80    | NOVEC,NOWRT, RD, EXE, SHR, LCL, REL, CON, PIC,ALIGN(1) |
| _LIB\$STATES | 606   | NOVEC,NOWRT, RD, EXE, SHR, LCL, REL, CON, PIC,ALIGN(1) |
| _LIB\$KEY1\$ | 455   | NOVEC,NOWRT, RD, EXE, SHR, LCL, REL, CON, PIC,ALIGN(1) |
| _SMG\$CODE   | 91    | NOVEC,NOWRT, RD, EXE, SHR, LCL, REL, CON, PIC,ALIGN(2) |

Library Statistics

| File                                      | -----<br>Total | Symbols<br>Loaded | -----<br>Percent | Pages<br>Mapped | Processing<br>Time |
|-------------------------------------------|----------------|-------------------|------------------|-----------------|--------------------|
| _\$255\$DUA28:[SYSLIB]STARLET.L32;1       | 9776           | 41                | 0                | 581             | 00:01.0            |
| _\$255\$DUA28:[SMGRTL.OBJ]RTLLIB.L32;1    | 36             | 0                 | 0                | 8               | 00:00.1            |
| _\$255\$DUA28:[SMGRTL.OBJ]SMGLIB.L32;1    | 469            | 0                 | 0                | 38              | 00:00.4            |
| _\$255\$DUA28:[SMGRTL.OBJ]SMGTPALIB.L32;1 | 41             | 0                 | 0                | 10              | 00:00.1            |
| _\$255\$DUA28:[SYSLIB]TPAMAC.L32;1        | 42             | 30                | 71               | 14              | 00:00.1            |

COMMAND QUALIFIERS

: BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACE/LIS=LIS\$:SMGBOOTAB/OBJ=OBJ\$:SMGBOOTAB MSRC\$:SMGBOOTAB/UPDATE=(ENH\$:SMGBOOTAB  
: )

: Size: 91 code + 1141 data bytes  
: Run Time: 00:39.9  
: Elapsed Time: 01:49.8  
: Lines/CPU Min: 653  
: Lexemes/CPU-Min: 98583  
: Memory Used: 215 pages  
: Compilation Complete



0355 AH-BT13A-SE  
VAX/VMS V4.0

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