Val

001
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7FF
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```
SSSSSSSSSSSS  MMM          MMM   GGGGGGGGGGGG  RRRRRRRRRRRR  TTTTTTTTTTTTTTT  LLL
SSSSSSSSSSSS  MMM          MMM   GGGGGGGGGGGG  RRRRRRRRRRRR  TTTTTTTTTTTTTTT  LLL
SSSSSSSSSSSS  MMM          MMM   GGGGGGGGGGGG  RRRRRRRRRRRR  TTTTTTTTTTTTTTT  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  MMM      GGG              RRR    RRR        TTT        LLL
SSS           MMM  MMM  MMM      GGG              RRR    RRR        TTT        LLL
SSS           MMM  MMM  MMM      GGG              RRR    RRR        TTT        LLL
   SSSSSSSSS   MMM      MMM      GGG          RRRRRRRRRRRR          TTT        LLL
   SSSSSSSSS   MMM      MMM      GGG          RRRRRRRRRRRR          TTT        LLL
   SSSSSSSSS   MMM      MMM      GGG          RRRRRRRRRRRR          TTT        LLL
         SSS   MMM      MMM      GGG  GGGGGGGG  RRR  RRR            TTT        LLL
         SSS   MMM      MMM      GGG  GGGGGGGG  RRR  RRR            TTT        LLL
         SSS   MMM      MMM      GGG  GGGGGGGG  RRR  RRR            TTT        LLL
         SSS   MMM      MMM      GGG       GGG  RRR      RRR        TTT        LLL
         SSS   MMM      MMM      GGG       GGG  RRR      RRR        TTT        LLL
         SSS   MMM      MMM      GGG       GGG  RRR      RRR        TTT        LLL
SSSSSSSSSSSS   MMM      MMM      GGGGGGGGG       RRR      RRR       TTT   LLLLLLLLLLLLLLL
SSSSSSSSSSSS   MMM      MMM      GGGGGGGGG       RRR      RRR       TTT   LLLLLLLLLLLLLLL
SSSSSSSSSSSS   MMM      MMM      GGGGGGGGG       RRR      RRR       TTT   LLLLLLLLLLLLLLL
```

```
SSSSSSSS  MM      MM    GGGGGGGG  MM      MM    SSSSSSSS    GGGGGGGG  PPPPPPPP   TTTTTTTTTT  RRRRRRRR
SSSSSSSS  MM      MM    GGGGGGGG  MM      MM    SSSSSSSS    GGGGGGGG  PPPPPPPP   TTTTTTTTTT  RRRRRRRR
SS        MMMM  MMMM   GG        MMMM  MMMM   SS            GG        PP      PP     TT      RR      RR
SS        MMMM  MMMM   GG        MMMM  MMMM   SS            GG        PP      PP     TT      RR      RR
SS        MM MM MM    GG        MM MM MM    SS            GG        PP      PP     TT      RR      RR
SS        MM  MM  MM    GG        MM  MM  MM    SS            GG        PP      PP     TT      RR      RR
  SSSSSS  MM      MM    GG        MM      MM      SSSSSS    GG        PPPPPPPP       TT      RRRRRRRR
  SSSSSS  MM      MM    GG  GGGGG  MM      MM      SSSSSS    GG        PPPPPPPP       TT      RRRRRRRR
      SS  MM      MM    GG  GGGGGG  MM      MM          SS  GG  GGGGGG  PP             TT      RR  RR
      SS  MM      MM    GG      GG  MM      MM          SS  GG      GG  PP             TT      RR  RR
      SS  MM      MM    GG      GG  MM      MM          SS  GG      GG  PP             TT      RR    RR
SSSSSSSS  MM      MM    GGGGGG    MM      MM    SSSSSSSS    GGGGGG    PP             TT      RR      RR
SSSSSSSS  MM      MM    GGGGGG    MM      MM    SSSSSSSS    GGGGGG    PP             TT      RR      RR

LL              IIIIII    SSSSSSSS
LL              IIIIII    SSSSSSSS
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
LLLLLLLLLL    IIIIII    SSSSSSSS
LLLLLLLLLL    IIIIII    SSSSSSSS
```

```
   1
   2            .TITLE  SMG$MSGDEF        SMG$ facility messages
   3            .IDENT  '1-026'           ! File: SMGMSG.MSG  Edit: PLL1026
   4   !
   5   !*******************************************************************
   6   !*                                                                 *
   7   !*   COPYRIGHT (c) 1978, 1980, 1982, 1984 BY                       *
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  23   !*   SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.       *
  24   !*                                                                 *
  25   !*                                                                 *
  26   !*******************************************************************
  27   !
  28   !
  29   !  1-026 Add comments for my messages.  PLL 23-Apr-1984
  30   !  1-025 Add comments concerning user actions. STAN 9-Apr-1984.
  31   !  1-024 Add TRMNOTANS.  PLL 6-Apr-1984
  32   !  1-023 Change wording for STRTERESC. STAN 22-Mar-1984.
  33   !  1-022 Add INVDIR.  PLL 15-Mar-1984
  34   !  1-021 More messages for the termtable compiler.  PLL 1-Mar-1984
  35   !  1-020 Add back in NOMOREKEYS.  LEB 22-Feb-1984
  36   !  1-019 Add UNDTERTYP.  PLL 9-Feb-1984
  37   !  1-018 Added FAIOPEFIL.  PLL 2-Feb-1984
  38   !  1-017 Add INVEXP.  PLL 19-Jan-1984
  39   !  1-016 More messages for ft support.  PLL 19-Jan-1984
  40   !  1-015 Add SMG$_EXCTABSIZ and SMG$_MISTERNAM.  PLL 8-Dec-1983
  41   !  1-014 More messages for foreign terminal support.  PLL 29-Nov-1983
  42   !  1-013 Add messages for foreign terminal support.  PLL 16-Nov-1983
  43   !  1-012 Add warning message (no change in virtual display).  PLL 11-Oct-1983
  44   !  1-011 Add line drawing message (diagonal line not allowed). PLL 26-Sep-1983
  45   !  1-010 More of same. STAN 25-Aug-1983.
  46   !  1-009 Change pasteboard characteristics messages. STAN 22-Aug-1983.
  47   !  1-008 File error messages. STAN 18-Jun-1983.
  48   !  1-007 Mailbox messages. STAN 13-Jun-1983.
  49   !  1-006 Add NOT_A_TRM.  STAN 1-Jun-1983.
  50   !  1-005 Add PASALREXI.  RKR 25-May-1983.
  51   !  1-004 Add STRTERESC.  PLL 4-May-1983
  52   !  1-003 Some messages having to do with batching. STAN 3-May-1983
  53   !  1-002 Add messages for input.  SBL 25-Mar-1983
  54   !  1-001 Original.  PLL 16-Mar-1983
  55   !-
  56
```

```
57 !+
58 ! Symbols are defined following the standard for global names:
59 !
60 !        SMG$_abcmnoxyz
61 !
62 ! In addition, the library standards specify that the letters "abc", "mno",
63 ! and "xyz" are the first three letters of the first three words of the error
64 ! message, not counting articles and prepositions.
65 !
66 ! The names of all procedures using each error condition value should appear
67 ! in the comments included with each error definition.
68 !
69 !
70 ! MACRO-32 Programming:
71 !
72 ! The macros call:
73 !
74 !        $SMGDEF
75 !
76 ! will cause all symbols to be made available to the module.
77 ! The Run-time Library declares these symbols as EXTERNAL;
78 ! the macros are provided only for the convenience of the user.
79 !
80 !-
```

```
                           81
                           82  ! Template for documenting messages.
                           83  ! Each explanation follows the message it applies to and
                           84  ! is followed by a blank line.
                           85  ! Be sure not to use the sequence "++" after a "!" in regular comments
                           86  ! as this sequence begins a documentation sequence and can be
                           87  ! searched for if and when the process of extracting the
                           88  ! documentation becomes automated.
                           89
                           90          !++
                           91          ! FACILITY:      SMG
                           92          ! EXPLANATION:   x
                           93          ! USER ACTION:   y
                           94          !--
                           95
                           96  !                        ; Set LH to 18 (decimal).
            00000012       97          .FACILITY       SMG,18 /SYSTEM
                           98          .SEVERITY       SUCCESS
                           99
                          100          .BASE           0
                          101
            00128001      102          NORMAL          <normal successful completion>
                          103          !++
                          104          ! FACILITY:      SMG
                          105          ! EXPLANATION:   Normal successful completion.
                          106          ! USER ACTION:   none
                          107          !--
                          108
                          109          .BASE           2
                          110
            00128011      111          PREDEFREP       <previous key-definition replaced>
                          112          !++
                          113          ! FACILITY:      SMG
                          114          ! EXPLANATION:   A previous key definition was replaced by a new
                          115          !                definition.
                          116          ! USER ACTION:   none
                          117          !--
                          118
                          119          !+
                          120          ! The next three messages are used by the "batching"
                          121          ! procedures, SMG$BEGIN_DISPLAY_UPDATE and SMG$END_DISPLAY_UPDATE.
                          122          ! The text of the messages should change if we decide not
                          123          ! to publicly use the term "batching".
                          124          !-
                          125
            00128019      126          BATSTIPRO       <batching is still in progress>
                          127          !++
                          128          ! FACILITY:      SMG
                          129          ! EXPLANATION:   A user tried to end batching (updating) with
                          130          !                a call to SMG$END_DISPLAY_UPDATE or
                          131          !                SMG$END_PASTEBOARD_UPDATE.  This did not
                          132          !                terminate batching because there were more calls
                          133          !                made to begin batching than to end batching.
                          134          ! USER ACTION:   None.  Some outer level routine probably still
                          135          !                wants batching to be in effect.
                          136          !--
```

```
          137
00128021  138      BATWASOFF         <batching was off>
          139      !++
          140      ! FACILITY:        SMG
          141      ! EXPLANATION:     A program tried to turn off batching when
          142      !                  batching was already off.
          143      ! USER ACTION:     Probably none.  Check that there was one call
          144      !                  to turn on batching for each call to turn it off.
          145      !--
          146
00128029  147      BATWAS_ON         <batching was on>
          148      !++
          149      ! FACILITY:        SMG
          150      ! EXPLANATION:     A program tried to turn on batching when
          151      !                  batching was already on.  This is normal in
          152      !                  a modular environment.
          153      ! USER ACTION:     None.  Check that there was one call
          154      !                  to turn on batching for each call to turn it off.
          155      !--
          156
00128031  157      PASALREXI         <pasteboard already exists for this device>
          158      !++
          159      ! FACILITY:        SMG
          160      ! EXPLANATION:     A user tried to create a pasteboard for a device,
          161      !                  when one was already created.  This is normal in
          162      !                  a modular environment.  The existing pasteboard id
          163      !                  is returned.
          164      ! USER ACTION:     None. Make sure you don't delete a pasteboard
          165      !                  that you actually didn't create.
          166      !--
          167
00128039  168      NOT_A_TRM         <pasteboard attached to a device that is not a terminal>
          169      !++
          170      ! FACILITY:        SMG
          171      ! EXPLANATION:     This is an informational message telling you that
          172      !                  the pasteboard has been created, but the output
          173      !                  device is not a terminal.
          174      ! USER ACTION:     None.
          175      !--
          176
00128041  177      NO_MORMSG         <no more broadcast messages are available>
          178      !++
          179      ! FACILITY:        SMG
          180      ! EXPLANATION:     A call to SMG$GET_BROADCAST_MESSAGE found that
          181      !                  there were no more messages to be obtained.
          182      ! USER ACTION:     None.
          183      !--
          184
00128049  185      WILUSERMS         <output will be performed by RMS later>
          186      !++
          187      ! FACILITY:        SMG
          188      ! EXPLANATION:     Normally the screen is updated at the end of
          189      !                  every output operation.  If, however, the 'device'
          190      !                  is actually a file or an unknown terminal, then
          191      !                  this message is given at the time output would
          192      !                  have been sent to the screen.
          193      ! USER ACTION:     none
```

```
               194            !--
               195
   00128051    196            NOTRMSOUT        <RMS is not being used to perform output>
               197            !++
               198            ! FACILITY:       SMG
               199            ! EXPLANATION:    SMG$SNAPSHOT is used with files and unknown devices
               200            !                 to capture the contents of the pasteboard at various
               201            !                 times.  If SMG$SNAPSHOT is called for a pasteboard
               202            !                 associated with a video terminal, then it takes no
               203            !                 action and returns this informationa  message.
               204            ! USER ACTION:    none
               205            !--
               206
   00128059    207            NO_CHADIS        <no change in virtual display>
               208            !++
               209            ! FACILITY:       SMG
               210            ! EXPLANATION:    The requested number of columns to change was zero,
               211            !                 so nothing in the virtual display was changed.
               212            ! USER ACTION:    none
               213            !--
               214
   00128061    215            PRISECMAP        <private terminal table used>
               216            !++
               217            ! FACILITY:       SMG
               218            ! EXPLANATION:    The requested terminal definition was found in
               219            !                 the caller's private copy of Termtable.
               220            ! USER ACTION:    none
               221            !--
               222
   00128069    223            GBLSECMAP        <system terminal table used>
               224            !++
               225            ! FACILITY:       SMG
               226            ! EXPLANATION:    The requested terminal definition was found in
               227            !                 the system Termtable.  (Requested terminal definition
               228            !                 did not exist in the caller's private Termtable.)
               229            ! USER ACTION:    none
               230            !--
               231
               232
               233            .SEVERITY        FATAL
               234            .BASE            64
               235
   00128204    236            FATERRLIB        <fatal error in library>
               237            !++
               238            ! FACILITY:       SMG
               239            ! EXPLANATION:    An internal error has occured within SMG.
               240            ! USER ACTION:    Submit an SPR describing the problem.
               241            !--
               242
   0012820C    243            INVARG           <invalid argument>
               244            !++
               245            ! FACILITY:       SMG
               246            ! EXPLANATION:    The value of some argument is not in the correct range.
               247            ! USER ACTION:    Examine each argument. Determine which one is
               248            !                 out of range and correct your program.
               249            !--
               250
```

```
00128214  251        INVCOL          <invalid column>
          252        !++
          253        !  FACILITY:     SMG
          254        !  EXPLANATION:  An invalid column number was specified.  It was either
          255        !               less than 0 or larger than the number of columns
          256        !               in the virtual display.
          257        !  USER ACTION:  Specify a valid column number.  Columns are numbered
          258        !               beginning with 1.
          259        !--
          260
0012821C  261        INVDIS_ID       <invalid display-id>
          262        !++
          263        !  FACILITY:     SMG
          264        !  EXPLANATION:  An invalid display-id was specified.
          265        !  USER ACTION:  Check that you are passing the display id by reference
          266        !               not by value. Ensure that the display id was
          267        !               previously set up by a call to SMG$CREATE_VIRTUAL_DISPLAY.
          268        !--
          269
00128224  270        INVPAS_ID       <invalid pasteboard-id>
          271        !++
          272        !  FACILITY:     SMG
          273        !  EXPLANATION:  An invalid pasteboard id was specified.
          274        !  USER ACTION:  Check that you are passing the pasteboard id by reference
          275        !               not by value. (A reference to a 0 is valid, since 0
          276        !               is a legal pasteboard id.) Ensure that the pasteboard
          277        !               was previously set up by a call to
          278        !               SMG$CREATE_PASTEBOARD and that the pasteboard has not
          279        !               been deleted.
          280        !--
          281
0012822C  282        INVROW          <invalid row>
          283        !++
          284        !  FACILITY:     SMG
          285        !  EXPLANATION:  An invalid row number was specified.  It was either
          286        !               less than 0 or larger than the number of rows
          287        !               in the virtual display.
          288        !  USER ACTION:  Specify a valid row number.  Rows are numbered
          289        !               beginning with 1.
          290        !--
          291
00128234  292        TOOMANDIS       <too many displays>
          293        !++
          294        !  FACILITY:     SMG
          295        !  EXPLANATION:  An internal limit on the number of virtual displays
          296        !               that your program may have has been exceeded.
          297        !               The limit is currently 255.  This includes any
          298        !               virtual displays that some outer routine may be using.
          299        !               This includes displays on all pasteboards.
          300        !  USER ACTION:  Use fewer virtual displays.
          301        !               Make sure that your program is not in a loop
          302        !               creating virtual displays.  Be sure that you delete
          303        !               a virtual display when you are all done with it.
          304        !--
          305
0012823C  306        TOOMANPAS       <too many pasteboards>
          307        !++
```

```
                         308        ! FACILITY:      SMG
                         309        ! EXPLANATION:   An internal limit on the number of pasteboards
                         310        !                that your program may have has been exceeded.
                         311        !                The limit is currently 16.
                         312        ! USER ACTION:   Use fewer pasteboards.
                         313        !--
                         314
             00128244    315        WRONUMARG       <wrong number of arguments>
                         316        !++
                         317        ! FACILITY:      SMG
                         318        ! EXPLANATION:   An SMG routine was called with too few arguments
                         319        !                (less than the number of required arguments)
                         320        !                or too many arguments.
                         321        ! USER ACTION:   Correct the code to call the routine with
                         322        !                the proper number of arguments.
                         323        !--
                         324
             0012824C    325        INVKBD_ID       <invalid keyboard-id>
                         326        !++
                         327        ! FACILITY:      SMG
                         328        ! EXPLANATION:   An invalid keyboard id was passed.
                         329        ! USER ACTION:   Check that you are passing the keyboard id by reference
                         330        !                not by value. Ensure that the keyboard id was
                         331        !                previously set up by a call to
                         332        !                SMG$CREATE_VIRTUAL_KEYBOARD.
                         333        !--
                         334
             00128254    335        INVKTB_ID       <invalid key-table-id>
                         336        !++
                         337        ! FACILITY:      SMG
                         338        ! EXPLANATION:   An invalid key table id was passed.
                         339        ! USER ACTION:   Check that you are passing the key table id by reference
                         340        !                not by value. Ensure that the key table id was
                         341        !                previously set up by a call to
                         342        !                SMG$CREATE_KEY_TABLE.
                         343        !--
                         344
             0012825C    345        INVMAXLEN       <invalid maximum length (greater than 512)>
                         346        !++
                         347        ! FACILITY:      SMG
                         348        ! EXPLANATION:   The maximum length specified for an input string
                         349        !                was too long.
                         350        ! USER ACTION:   Correct your program so that it requests an input
                         351        !                string of 512 characters or less.
                         352        !--
                         353
             00128264    354        FILTOOLON       <file-specification is too long (over 255 characters)>
                         355        !++
                         356        !****  This message should be removed from here and from
                         357        !****  SMGKEYPAD.B32.  It's referenced as an external but
                         358        !****  it's never used in the code.  Be careful to make both
                         359        !****  edits at the same time (to avoid build problems).
                         360        !--
                         361
             0012826C    362        PROTOOLON       <prompt-string is too long>
                         363        !++
                         364        ! FACILITY:      SMG
```

SMG$MSGDEF   B 7

SMG$ facility messages   16-SEP-1984 00:10:00   VAX-11 Message V04-00   Page 8   SMG
                                       6-SEP-1984 11:45:57   DISK$VMSMASTER:[SMGRTL.SRC]SMGMSG.MSG;1

```
365     ! EXPLANATION:  The length of a prompt string exceeded 512 characters.
366     ! USER ACTION:  Shorten the prompt to 512 characters or less.
367     !--
368
00128274    369     NOTPASTED       <given display is not pasted to given pasteboard>
370     !++
371     ! FACILITY:     SMG
372     ! EXPLANATION:  An attempt was made to unpaste or move a display
373     !               that was not pasted to the specified pasteboard.
374     ! USER ACTION:  Check that you are referencing the correct virtual
375     !               display.  Verify that the display has not been
376     !               unpasted or that you forgot to paste it.
377     !--
378
0012827C    379     PBDIN_USE       <operation invalid while pasteboard is buffered>
380     !++
381     ! FACILITY:     SMG
382     ! EXPLANATION:  The operation you have tried to perform is not
383     !               legal while output to the pasteboard is being batched.
384     !               For example, you can't change the pasteboard
385     !               characteristics while the pasteboard is batched.
386     ! USER ACTION:  Turn off pasteboard batching before attempting the
387     !               operation.  You may turn batching on again after the
388     !               operation.
389     !--
390
00128284    391     INVWIDARG       <width of 0 is not permitted>
392     !++
393     ! FACILITY:     SMG
394     ! EXPLANATION:  An attempt was made to change the characteristics
395     !               of the terminal, setting it's width to 0.
396     ! USER ACTION:  Correct the code. A width of 0 is illegal.
397     !--
398
0012828C    399     INVPAGARG       <height of 0 is not permitted>
400     !++
401     ! FACILITY:     SMG
402     ! EXPLANATION:  An attempt was made to change the characteristics
403     !               of the terminal, setting it's height (page size) to 0.
404     ! USER ACTION:  Correct the code. A height of 0 is illegal.
405     !--
406
00128294    407     INVCOLARG       <unknown color specified>
408     !++
409     ! FACILITY:     SMG
410     ! EXPLANATION:  An attempt was made to change the characteristics
411     !               of the terminal, changing its background color
412     !               to a value that was not legal.
413     ! USER ACTION:  Check the symbolic name for the background color
414     !               desired.  Specify it correctly.
415     !--
416
0012829C    417     DIALINNOT       <diagonal line not allowed>
418     !++
419     ! FACILITY:     SMG
420     ! EXPLANATION:  The vertices specified will result in a diagonal line,
421     !               rather than a vertical or horizontal line.
```

```
         422         ! USER ACTION:  Re-specify the vertices so that the line drawn will be
         423         !                vertical or horizontal.
         424         !--
         425
001282A4 426         TABID_MIS        <terminal table id mismatch>
         427         !++
         428         ! FACILITY:      SMG
         429         ! EXPLANATION:   The Termtable internal consistency check failed.  The
         430                          routines which fetch information from Termtable have
         431                          a different version number than the Termtable data.
         432         ! USER ACTION:   Probably the routines which fetch the data are newer
         433                          than your Termtable.exe.  Re-compile Termtable.txt to
         434                          update your Termtable.exe.
         435         !--
         436
001282AC 437         UNDTERNAM        <undefined terminal name>
         438         !++
         439         ! FACILITY:      SMG
         440         ! EXPLANATION:   The requested terminal definition was not found in
         441                          the caller's private copy of Termtable or the system
         442                          copy of Termtable.
         443         ! USER ACTION:   If you intended to use a private terminal definition,
         444                          make sure that Termtable.exe exists in your private
         445                          directory and that the logical name TERM$TABLOC points
         446                          to it.  If you expected your terminal to be defined in
         447                          the system Termtable, check with your system manager.
         448         !--
         449
001282B4 450         INVTERTAB        <invalid terminal table>
         451         !++
         452         ! FACILITY:      SMG
         453         ! EXPLANATION:   An invalid terminal table address was specified.
         454         ! USER ACTION:   Check that you are passing the terminal table argument
         455                          by reference and not by value.  Make sure the terminal
         456                          table address was acquired by calling
         457                          SMG$INIT_TERM_TABLE.
         458         !--
         459
001282BC 460         INVREQCOD        <invalid request code>
         461         !++
         462         ! FACILITY:      SMG
         463         ! EXPLANATION:   Data is requested from Termtable via request codes
         464                          which are available as symbolic names.  The code you
         465                          have specified is invalid.
         466         ! USER ACTION:   Check the spelling of the symbolic name you are using.
         467         !--
         468
001282C4 469         NOTBOOCAP        <not a boolean capability>
         470         !++
         471         ! FACILITY:      SMG (termtable compiler)
         472         ! EXPLANATION:   The Termtable compiler expected a boolean capability
         473                          name but encountered something else.
         474         ! USER ACTION:   Check your terminal definition.  Perhaps you have
         475                          misspelled the boolean capability name or omitted
         476                          another statement such as STRING or NUMERIC which
         477                          would have terminated boolean capabilities.
         478         !--
```

```
                479
001282CC        480         SYNERR              <syntax error>
                481         !++
                482         ! FACILITY:          SMG (termtable compiler)
                483         ! EXPLANATION:       The Termtable compiler encountered an invalid
                484         !                    syntax.  For instance, there may be a misplaced or
                485         !                    missing equals sign.
                486         ! USER ACTION:       Check your terminal definition.
                487         !--
                488
001282D4        489         UNDTERTYP           <undefined terminal type>
                490         !++
                491         ! FACILITY:          SMG
                492         ! EXPLANATION:       The definition for the requested terminal type was
                493         !                    not found in the caller's private copy of Termtable
                494         !                    or the system Termtable.
                495         ! USER ACTION:       If you intended to use a private definition, make
                496         !                    sure that Termtable.exe exists in your private directory
                497         !                    and that the logical name TERMSTABLOC points to it.
                498         !                    If you expected your terminal definition to exist in
                499         !                    the system Termtable, consult your system manager.
                500         !--
                501
001282DC        502         MISTERNAM           <definition must begin with a terminal name>
                503         !++
                504         ! FACILITY:          SMG (termtable compiler)
                505         ! EXPLANATION:       Capabilities were not preceeded by the name of a
                506         !                    terminal.
                507         ! USER ACTION:       Check your terminal definitions.  Make sure that
                508         !                    each definition starts with NAME = <terminal_name>.
                509         !--
                510
001282E4        511         INVCTRL             <unrecognized control code>
                512         !++
                513         !****  This should not be documented because I think it will go
                514         !****  away when the official V4 is released.
                515         !--
                516
001282EC        517         ILLVAL              <Boolean value must be 0 or 1>
                518         !++
                519         ! FACILITY:          SMG (termtable compiler)
                520         ! EXPLANATION:       A boolean capability was given a value other than
                521         !                    0 or 1.
                522         ! USER ACTION:       Check your terminal definitions.  Boolean capabilities
                523         !                    must be 0 or 1 (off or on, respectively).
                524         !--
                525
001282F4        526         INVEXP              <invalid expression>
                527         !++
                528         ! FACILITY:          SMG (termtable compiler)
                529         ! EXPLANATION:       The Termtable compiler encountered an invalid
                530         !                    arithmetic expression.
                531         ! USER ACTION:       Check your definition.  Make sure that you have
                532         !                    used only valid operators and operands in your
                533         !                    expressions.
                534         !--
                535
```

```
001282FC  536          ERRAT_LIN      <Error in line !UL at or near '!AF'> /FAO=3
          537          !++
          538          ! FACILITY:      SMG (termtable compiler)
          539          ! EXPLANATION:   General information message included with many
          540          !                Termtable compiler messages.  Attempts to identify
          541          !                specifically where an error occurred.
          542          ! USER ACTION:   Check the specified line in your definition.
          543          !--
          544
00128304  545          ERRLIN         <Error in line !UL> /FAO=1
          546          !++
          547          ! FACILITY:      SMG (termtable compiler)
          548          ! EXPLANATION:   General information message included with many
          549          !                Termtable compiler messages.  Attempts to identify
          550          !                specifically which line contained an error.
          551          ! USER ACTION:   Check the specified line in your definition.
          552          !--
          553
0012830C  554          UNDTERNOP      <undefined terminal - couldn't access private terminal table>
          555          !++
          556          ! FACILITY:      SMG
          557          ! EXPLANATION:   The requested terminal definition was not found in the
          558          !                caller's private copy of Termtable or the system
          559          !                Termtable.  The caller's private Termtable couldn't be
          560          !                be accessed, either because it didn't exist or because
          561          !                RMS could not open the file.
          562          ! USER ACTION:   If you intended to use a definition from your private
          563          !                Termtable, make sure that Termtable.exe exists in your
          564          !                private directory and that the logical name TERM$TABLOC
          565          !                points to it.  Make sure that you have read access to
          566          !                the file.
          567          !--
          568
00128314  569          UNDTERNOS      <undefined terminal - couldn't access system terminal table>
          570          !++
          571          ! FACILITY:      SMG
          572          ! EXPLANATION:   The requested terminal definition was not found in
          573          !                the caller's private Termtable or the system Termtable.
          574          !                The system Termtable was unavailable.
          575          ! USER ACTION:   The system Termtable should be mapped as a global
          576          !                section and therefore should always be available.
          577          !                Consult your system manager regarding this.
          578          !--
          579
0012831C  580          MISFILSPE      <missing file specification in REQUIRE statement>
          581          !++
          582          ! FACILITY:      SMG (termtable compiler)
          583          ! EXPLANATION:   The REQUIRE statement needs a file name in order to
          584          !                locate external definitions which should become part
          585          !                of your Termtable.
          586          ! USER ACTION:   Check your Termtable.txt.  Add a file name to the
          587          !                REQUIRE statement.
          588          !--
          589
00128324  590          UNRECSTA       <unrecognized statement>
          591          !++
          592          ! FACILITY:      SMG (termtable compiler)
```

```
                      593        ! EXPLANATION:  The Termtable compiler encountered a statement that
                      594        !               it does not recognize.
                      595        ! USER ACTION:  Check your definition.  Make sure you have spelled
                      596        !               keywords correctly and that statements appear only
                      597        !               in valid sequences.
                      598        !--
                      599
          0012832C    600        FAIOPEFIL       <Failed to open file !AF> /FAO=2
                      601        !++
                      602        ! FACILITY:     SMG (termtable compiler)
                      603        ! EXPLANATION:  The Termtable compiler could not open the file
                      604        !               specified in a REQUIRE.
                      605        ! USER ACTION:  Make sure that the specified file exists and that
                      606        !               you have read access to it.
                      607        !--
                      608
          00128334    609        NO_ARGS         <missing arguments for substitution>
                      610        !++
                      611        ! FACILITY:     SMG
                      612        ! EXPLANATION:  You requested a capability that requires user
                      613        !               arguments (such as a row and column number) but
                      614        !               did not provide any.
                      615        ! USER ACTION:  Check the number of arguments required by this
                      616        !               capability and correct your call to SMG$GET_TERM_DATA.
                      617        !--
                      618
          0012833C    619        NOTNUMCAP       <not a numeric capability>
                      620        !++
                      621        ! FACILITY:     SMG (termtable compiler)
                      622        ! EXPLANATION:  The Termtable compiler expected a numeric capability
                      623        !               name but encountered something else.
                      624        ! USER ACTION:  Check your terminal definition.  Perhaps you have
                      625        !               misspelled the numeric capability name or omitted
                      626        !               another statement such as STRING or BOOLEAN which
                      627        !               would have terminated numeric capabilities.
                      628        !--
                      629
          00128344    630        NOTSTRCAP       <not a string capability>
                      631        !++
                      632        ! FACILITY:     SMG (termtable compiler)
                      633        ! EXPLANATION:  The Termtable compiler expected a string capability
                      634        !               name but encountered something else.
                      635        ! USER ACTION:  Check your terminal definition.  Perhaps you have
                      636        !               misspelled the string capability name or omitted
                      637        !               another statement such as BOOLEAN or NUMERIC which
                      638        !               would have terminated string capabilities.
                      639        !--
                      640
          0012834C    641        MISENDSTA       <missing END statement>
                      642        !++
                      643        ! FACILITY:     SMG (termtable compiler)
                      644        ! EXPLANATION:  The Termtable compiler expected an END statement
                      645        !               to terminate the current terminal definition and
                      646        !               this END statement was missing.
                      647        ! USER ACTION:  Check your terminal definitions.
                      648        !--
                      649
```

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00128354    650         MISNAMREQ        <expected NAME or REQUIRE>
            651         !++
            652         ! FACILITY:       SMG (termtable compiler)
            653         ! EXPLANATION:    The Termtable compiler expected Termtable.txt to
            654         !                 begin with a terminal definition (NAME statement)
            655         !                 or a REQUIRE.  Something else was encountered.
            656         ! USER ACTION:    Check your Termtable.txt.
            657         !--
            658
0012835C    659         ILLBATFNC        <operation not permitted while display is batched>
            660         !++
            661         ! FACILITY:       SMG
            662         ! EXPLANATION:    An attempt was made to perform an operation that
            663         !                 is not permitted while a virtual display is being
            664         !                 batched (for example, performing input or MOVING
            665         !                 the virtual display).
            666         ! USER ACTION:    Terminate batching first by calling
            667         !                 SMG$END_DISPLAY_UPDATE.
            668         !--
            669
00128364    670         INVDIR           <invalid directive>
            671         !++
            672         ! FACILITY:       SMG (termtable compiler)
            673         ! EXPLANATION:    The Termtable compiler accepts only a few FAO
            674         !                 directives.  It encountered one that it does not
            675         !                 handle.
            676         ! USER ACTION:    Check your terminal definition.  Make sure that
            677         !                 you use only valid FAO directives.
            678         !--
            679
0012836C    680         TRMNOTANS        <terminal is not ANSI compatible>
            681         !++
            682         ! FACILITY:       SMG
            683         ! EXPLANATION:    A call to SMG$GET_PHYSICAL_CURSOR was made
            684         !                 specifying that the terminal is to be queried
            685         !                 to determine where the cursor is.
            686         !                 This could not be done because the terminal
            687         !                 was not ANSI, and this feature is available
            688         !                 only on ANSI terminals.
            689         ! USER ACTION:    Rerun your application on an ANSI terminal,
            690         !                 such as a VT100.
            691         !--
            692
            693         .SEVERITY        ERROR
            694         .BASE            128
            695
00128402    696         EOF              <end-of-file>
            697         !++
            698         ! FACILITY:       SMG
            699         ! EXPLANATION:    End of file condition was detected on input.
            700         ! USER ACTION:    If necessary, modify your program to recognize this
            701         !                 condition and respond to it.
            702         !--
            703
0012840A    704         KEYDEFPRO        <key definition is protected - cannot be changed or deleted>
            705         !++
            706         ! FACILITY:       SMG
```

```
            707        ! EXPLANATION:  The specified key is already defined, and since its
            708        !               definition is protected, it can not be changed or
            709        !               re-defined.
            710        ! USER ACTION:  none
            711        !--
            712
00128412    713        INVDEFATT      <invalid key-definition attributes>
            714        !++
            715        ! FACILITY:     SMG
            716        ! EXPLANATION:  When a key is defined, attributes such as NOECHO may be
            717        !               specified  with the definition.  An attempt was made to
            718        !               specify an unknown attribute.
            719        ! USER ACTION:  Check the list of valid attributes and correct your
            720        !               program.
            721        !--
            722
0012841A    723        INVKEYNAM      <invalid key name>
            724        !++
            725        ! FACILITY:     SMG
            726        ! EXPLANATION:  The specified key name was less than 1 character or
            727        !               more than 31 characters.
            728        ! USER ACTION:  Choose a key name with 1 to 31 characters.
            729        !--
            730
00128422    731        INVSTANAM      <invalid state name>
            732        !++
            733        ! FACILITY:     SMG
            734        ! EXPLANATION:  The specified state name was less than 1 character or
            735        !               more than 31 characters.
            736        ! USER ACTION:  Choose a state name with 1 to 31 characters.
            737        !--
            738
            739        .SEVERITY      WARNING
            740        .BASE          512
            741
00129000    742        KEYNOTDEF      <key is not defined>
            743        !++
            744        ! FACILITY:     SMG
            745        ! EXPLANATION:  An attempt was made to perform an operation, such as
            746        !               SMG$GET_KEY_DEF, on a key which was not defined.
            747        ! USER ACTION:  Check your program to see if this key should have
            748        !               been defined.
            749        !--
            750
00129008    751        NOMOREKEYS     <no more keys defined>
            752        !++
            753        ! FACILITY:     SMG
            754        ! EXPLANATION:  SMG$LIST_KEY_DEFS, when called repeatedly, returns all
            755        !               the key definitions in a key table.  When there are no
            756        !               more definitions, this error is returned.
            757        ! USER ACTION:  Modify your program to expect this condition, if necessary.
            758        !--
            759
00129010    760        STRTERESC      <illegal escape sequence embedded in string>
            761        !++
            762        ! FACILITY:     SMG
            763        ! EXPLANATION:  An SMG output routine was passed an escape sequence
```

```
                          764     !                    embedded in the output string.  The output string was
                          765     !                    written to the virtual display but the string was
                          766     !                    terminated at the escape sequence.
                          767     ! USER ACTION:        Check your output string to determine what escape
                          768     !                    sequence was being passed.  If you need the action
                          769     !                    provided by this escape sequence, there is most
                          770     !                    likely a SMG routine that provides that functionality.
                          771     !--
                          772
            00129018      773       GBLNOTCRE          <global section not created>
                          774     !++
                          775     ! FACILITY:           SMG
                          776     ! EXPLANATION:        The system program that maps Termtable.exe as a global
                          777     !                    section was unsuccessful.
                          778     ! USER ACTION.        This message should be handled only by system managers.
                          779     !                    If there is already an existing global section for
                          780     !                    Termtable, the system must be rebooted in order to create
                          781     !                    a new global section.
                          782     !--
                          783
                          784     ! the following is used with GBLNOTCRE
            00129020      785       DELEXIGBL          <Termtable section already exists>
                          786     !++
                          787     ! FACILITY:           SMG
                          788     ! EXPLANATION:        The system program which maps Termtable as a global
                          789     !                    section was unsuccessful.  Before a new global section
                          790     !                    can be created, the previous one must be deleted.
                          791     ! USER ACTION:        The system must be rebooted in order to map a new
                          792     !                    Termtable.exe as the global section.
                          793     !--
                          794       .END
                          795
                          796     !     End of file SMGMSG.MSG
```

There were 0 errors, 0 warnings, and 0 informational messages issued.
MESSAGE/FILE_NAME=SHRIMGMSG/LIS=LIS$:SMGMSGPTR/OBJ=OBJ$:SMGMSGPTR MSRC$:SMGMSG

SMGNUMTAB
LIS

SMGMSGPTR
LIS

SMGSCROLL
LIS

SMGMISC
LIS

SMGMSGTXT
LIS

SMGPUTENC
LIS

SMGPUTTEX
LIS

SMGSIMTRM
LIS

SMGNUMPAR
LIS

SMGPRVINP
LIS