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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   GGGGGGGGG   RRR   RRR             TTT        LLL
         SSS   MMM         MMM   GGG   GGGGGGGGG   RRR   RRR             TTT        LLL
         SSS   MMM         MMM   GGG   GGGGGGGGG   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
```

SMGMSGTXT

LIS

```
   1
   2              .TITLE  SMG$MSGDEF     SMG$ facility messages
   3              .IDENT  '1-026'        ! File: SMGMSG.MSG  Edit: PLL1026
   4
   5    !********************************************************************
   6    !*                                                                  *
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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 converning 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 PASXLREXI.  RKR 25-May-1983.
  51    ! 1-004 Add STRTERESC.  PLL 4-May-1983
  52    ! 1-003 Some messages having to dow ith 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  ! searcned 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 informational 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$CREATE_VIRTUAL_DISPLAY.
           268          !--
           269
00128224   270          INVPAS_ID     <invalid pasteboard-id>
           271          !++
           272          !  FACILITY:     SMG
           273          !  EXPLANATION:  An inva'id pasteboard id was specified.
           274          !  USER ACTION:  Check that you are passing the pasteboard id by reference
           275          !               not by value. (A reference to a 0 is valid, since 0
           276          !               is a legal pasteboard id.) Ensure that the pasteboard
           277          !               was previously set up by a call to
           278          !               SMG$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
```

```
                    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.
```

SMG$MSGDEF   SMG$ facility messages   F 8 16-SEP-1984 00:09:39 VAX-11 Message V04-00   Page 9 SMG
                       6-SEP-1984 11:45:57 DISK$VMSMASTER:[SMGRTL.SRC]SMGMSG.MSG;1   1-0

```
              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 TERMSTABLOC 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 TERM$TABLOC 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
```

```
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
00012835C  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/NOSYMBOLS/LIS=LIS$:SMGMSGTXT/OBJ=OBJ$:SMGMSGTXT MSRC$:SMGMSG
```

SMGNUMTAB
LIS

SMGMSGPTR
LIS

SMGSCROLL
LIS

SMGMISC
LIS

SMGMSGTXT
LIS

SMGPUTENC
LIS

SMGPUTTEX
LIS

SMGSIMTRM
LIS

SMGNUMPAR
LIS

SMGPRVINP
LIS