```
SSSSSSSSSSSS   MMM          MMM    GGGGGGGGGGGG   RRRRRRRRRRR      TTTTTTTTTTTTTTTT   LLL
SSSSSSSSSSSS   MMM          MMM    GGGGGGGGGGGG   RRRRRRRRRRRR     TTTTTTTTTTTTTTTT   LLL
SSSSSSSSSSSS   MMM          MMM    GGGGGGGGGGGG   RRRRRRRRRRRR     TTTTTTTTTTTTTTTT   LLL
SSS            MMMMM      MMMMM     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      GGGGGGGGGG   RRR          RRR     TTT   LLLLLLLLLLLLLLLLL
SSSSSSSSSSSS   MMM          MMM      GGGGGGGGGG   RRR          RRR     TTT   LLLLLLLLLLLLLLLLL
SSSSSSSSSSSS   MMM          MMM      GGGGGGGGGG   RRR          RRR     TTT   LLLLLLLLLLLLLLLLL
```

SMGMSGPTR

LIS

```
 1                        .TITLE  SMG$MSGDEF       SMG$ facility messages
 2                        .IDENT  '1-026'          ! File: SMGMSG.MSG  Edit: PLL1026
 3
 4
 5        ;**********************************************************************************
 6        ;*                                                                              *
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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 PASALREXI. 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  ! 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 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
```

M 6

```
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
```

B 7

```
              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.
```

C-7

SMG$MSGDEF   SMG$ facility messages   16-SEP-1984 00:10:00 VAX-11 Message V04-00   Page 9
                                                              6-SEP-1984 11:45:57 DISK$VMSMASTER:[SMGRTL.SRC]SMGMSG.MSG;1

```
              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        |--
```

SMG$MSGDEF   SMG$ facility messages   D 7
                                       16-SEP-1984 00:10:01   VAX-11 Message V04-00   Page 10
                                       6-SEP-1984 11:45:57   DISK$VMSMASTER:[SMGRTL.SRC]SMGMSG.MSG;1

```
          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/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