```
   SSSSSSSSSSS  MMM         MMM     GGGGGGGGGGGG  RRRRRRRRRRR     TTTTTTTTTTTTTTT  LLL
   SSSSSSSSSSS  MMM         MMM     GGGGGGGGGGGG  RRRRRRRRRRR     TTTTTTTTTTTTTTT  LLL
   SSSSSSSSSSS  MMM         MMM     GGGGGGGGGGGG  RRRRRRRRRRR     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             RRRRRRRRRRR             TTT         LLL
   SSSSSSSSS    MMM         MMM  GGG             RRRRRRRRRRR             TTT         LLL
   SSSSSSSSS    MMM         MMM  GGG             RRRRRRRRRRR             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
SSSSSSSSSSS     MMM         MMM     GGGGGGGGG    RRR         RRR         TTT         LLLLLLLLLLLLLLL
SSSSSSSSSSS     MMM         MMM     GGGGGGGGG    RRR         RRR         TTT         LLLLLLLLLLLLLLL
SSSSSSSSSSS     MMM         MMM     GGGGGGGGG    RRR         RRR         TTT         LLLLLLLLLLLLLLL
```

```
_S2

Val
---
001
001
001
001
001
001
001
001
001
7FF
7FF
7FF
7FF
7FF
7FF
7FF
7FF
7FF
```

```
  SSSSSSSS  MM      MM    GGGGGGGG  TTTTTTTTTT  RRRRRRRR    MM      MM    SSSSSSSS  TTTTTTTTTT  RRRRRRRR
  SSSSSSSS  MM      MM    GGGGGGGG  TTTTTTTTTT  RRRRRRRR    MM      MM    SSSSSSSS  TTTTTTTTTT  RRRRRRRR
SS          MMMM  MMMM  GG              TT      RR      RR  MMMM  MMMM  SS              TT      RR      RR
SS          MMMM  MMMM  GG              TT      RR      RR  MMMM  MMMM  SS              TT      RR      RR
SS          MM  MM  MM  GG              TT      RR      RR  MM  MM  MM  SS              TT      RR      RR
SS          MM  MM  MM  GG              TT      RR      RR  MM  MM  MM  SS              TT      RR      RR
  SSSSSS    MM      MM  GG              TT      RRRRRRRR    MM      MM    SSSSSS        TT      RRRRRRRR
  SSSSSS    MM      MM  GG              TT      RRRRRRRR    MM      MM    SSSSSS        TT      RRRRRRRR
        SS  MM      MM  GG  GGGGGG      TT      RR  RR      MM      MM          SS      TT      RR  RR
        SS  MM      MM  GG  GGGGGG      TT      RR  RR      MM      MM          SS      TT      RR  RR
        SS  MM      MM  GG      GG      TT      RR    RR    MM      MM          SS      TT      RR    RR        ....
        SS  MM      MM  GG      GG      TT      RR    RR    MM      MM          SS      TT      RR    RR        ....
SSSSSSSS    MM      MM    GGGGGG        TT      RR      RR  MM      MM  SSSSSSSS        TT      RR      RR      ....
SSSSSSSS    MM      MM    GGGGGG        TT      RR      RR  MM      MM  SSSSSSSS        TT      RR      RR      ....
```

```
RRRRRRRR      333333      222222
RRRRRRRR      333333      222222
RR      RR  33      33  22      22
RR      RR  33      33  22      22
RR      RR          33          22
RR      RR          33          22
RRRRRRRR          33          22
RRRRRRRR          33          22
RR  RR              33      22
RR  RR              33      22
RR    RR    33      33    22
RR    RR    33      33    22
RR      RR    333333    2222222222
RR      RR    333333    2222222222
```

```
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!*****************************************************************************

!+
! This file, SMGTRMSTR.REQ, defines the terminal data base
! for SMG$$SIM_TERM.
!-

!+
! Define codes for character sets.
!-

LITERAL

    ASCII_SET=1,
    GRAPHICS_SET=2,
    ROM_SET=3;

!+
! Define codes for terminal type
!-

LITERAL
    TERM_TYPE_HCOPY = 0,                        ! Hardcopy
    TERM_TYPE_VT05 = 1,                         ! VT05
    TERM_TYPE_VT52 = 2,                         ! VT52
    TERM_TYPE_VT100 = 3;                        ! VT100

!+
! This field holds information about a simulated terminal.
!-

FIELD
    TERM_STR_FIELD =
        SET
        ESC_STATUS = [0, 1, 1, 0],              ! In an escape sequence
```

```
        CTL_STATUS = [0, 2, 1, 0],              ! In a control sequence (or DCA for VT52)
        SECOND_ARG = [0, 3, 1, 0],              ! Now accumulating second argument
        ERROR_STATUS = [0, 4, 1, 0],            ! Bad text has been sent to the terminal
        PRIV_STATUS = [0, 5, 1, 0],             ! Private parameter specified
        INSERT_MODE = [0, 6, 1, 0],             ! Set if in insert mode
        G0_STATE = [0, 7, 1, 0],                ! Saw a "("
        G1_STATE = [0, 8, 1, 0],                ! Saw a ")"
        ARG_1 = [1, 0, %BPVAL, 1],              ! Control seq arg 1
        ARG_2 = [2, 0, %BPVAL, 1],              ! Control seq arg 2
        G0_SET = [3, 0, %BPVAL, 0],             ! Character set loaded into G0
        G1_SET = [4, 0, %BPVAL, 0],             ! Character set loaded into G0
        SAVED_HPOS = [5, 0, %BPVAL, 0],
        SAVED_VERT = [6, 0, %BPVAL, 0],
        SAVED_VIDEO_ATTR = [7, 0, %BPVAL, 0]
        TES;

LITERAL

    TERM_STR_LEN = 8;

!       End of file SMGTRMSTR.R32
```

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SMGDATSTR REQ
SMGLNK REQ
SMGKQB SDL
SMGBLDTRM LIS
SMGDISCHA LIS
SMGKTH SDL
SMGMACROS REQ
SMGPROLOG REQ
SMGTERM REQ
SMGTRMSTR R32
SMGTRMPTR SDL
SMGSCRMAC REQ
SMGALLESC LIS
SMGTPACTL REQ
SMGSCRTCB REQ
SMGLIB REQ
SMGTPALIB REQ
SMGDEFKEY LIS
SMGTABDEF REQ
SMGTRMMAC REQ
SMGBOOTAB LIS