



```

SSSSSSSS MM MM GGGGGGGG TTTTTTTTTT RRRRRRRR MM MM PPPPPPPP TTTTTTTTTT RRRRRRRR
SSSSSSSS MM MM GGGGGGGG TTTTTTTTTT RRRRRRRR MM MM PPPPPPPP TTTTTTTTTT RRRRRRRR
SS MMMM MMMM GG TTT TTT RR RR MMMM MMMM PP PP TTT TTT RR RR
SS MMMM MMMM GG TTT TTT RR RR MMMM MMMM PP PP TTT TTT RR RR
SS MM MM MM GG TTT TTT RR RR MM MM MM PP PP TTT TTT RR RR
SS MM MM MM GG TTT TTT RRRRRRRR MM MM PPPPPPPP TTT TTT RRRRRRRR
SSSSSSS MM MM GG GGGGGG TTT TTT RR RR MM MM FP TTT TTT RR RR
SSSSSSS MM MM GG GGGGGG TTT TTT RR RR MM MM FP TTT TTT RR RR
SS MM MM GG GG TTT TTT RR RR MM MM PP TTT TTT RR RR
SS MM MM GG GG TTT TTT RR RR MM MM PP TTT TTT RR RR
SSSSSSSS MM MM GGGGGG TTT TTT RR RR MM MM PP TTT TTT RR RR
SSSSSSSS MM MM GGGGGG TTT TTT RR RR MM MM PP TTT TTT RR RR

```

```

SSSSSSSS DDDDDDDD LL
SSSSSSSS DDDDDDDD LL
SS DD DD LL
SS DD DD LL
SS DD DD LL
SS DD DD LL
SSSSSS DD DD LL
SSSSSS DD DD LL
SS DD DD LL
SS DD DD LL
SS DD DD LL
SSSSSS DDDDDDDD LLLLLLLLLL
SSSSSSSS DDDDDDDD LLLLLLLLLL

```

```
MODULE $SMGTRMPTR: /* Terminal Capability Pointers for RTL SMGS facility
{ File: SMGTRMPTR.SDL Edit: PLL1002
```

```
{
{*****
{*
{* COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
{* DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.
{* ALL RIGHTS RESERVED.
{*
{* THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED
{* ONLY IN ACCORDANCE WITH THE TERMS OF SUCH LICENSE AND WITH THE
{* INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR ANY OTHER
{* COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY
{* OTHER PERSON. NO TITLE TO AND OWNERSHIP OF THE SOFTWARE IS HEREBY
{* TRANSFERRED.
{*
{* THE INFORMATION IN THIS SOFTWARE IS SUBJECT TO CHANGE WITHOUT NOTICE
{* AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY DIGITAL EQUIPMENT
{* CORPORATION.
{*
{* DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS
{* SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
{*
{*****
{
```

```
{**
{ FACILITY: Screen Management
{
{ ABSTRACT:
{
{ The following constants are request codes passed to the routine
{ that retrieves data from the terminal definitions file.
{
{ They are used as offsets into the characteristic pointers (which
{ are accessed as a vector of words). A terminal definition consists
{ of these pointers and the actual data.
{-
{ Edit history:
{ 1-001 Original. PLL 13-Nov-1983
{ -002 Add BEGIN_NORMAL_RENDITION. PLL 15-Mar-1984
```

```
/*
/* Boolean capabilities here - 1 - 220
/*
```

```
constant (
  ADVANCED_VIDEO,
  ANSI_CRT,
  AUTO_MARGIN,
  BACKSPACE,
  BLOCK_MODE,
  DEC_CRT,
  EDIT,
```

```
EIGHT_BIT,  
FULLDOP,  
IGNORE_NEWLINE,  
INSERT_MODE_NULLS,  
LOWERCASE,  
NO_ERASE,  
NO_SCROLL,  
OVERSTRIKE,  
PRINTER_PORT,  
REGIS,  
SCOPE,  
SIXEL_GRAPHICS,  
SOFT_CHARACTERS,  
PHYSICAL_TABS,  
PHYSICAL_FF,  
UNDERLINE,  
CURSOR_REPORT_ANSI  
) equals 1 increment 1 prefix SMG tag $K;
```

```
/*  
/* Private capabilities should be temporary. Put them at the  
/* end of the range.  
/*
```

```
constant (  
PRIVATE_B00_1,  
PRIVATE_B00_2,  
PRIVATE_B00_3,  
PRIVATE_B00_4,  
PRIVATE_B00_5,  
PRIVATE_B00_6,  
PRIVATE_B00_7,  
PRIVATE_B00_8,  
PRIVATE_B00_9,  
PRIVATE_B00_10  
) equals 21T increment 1 prefix SMG tag $K;
```

```
/*  
/* Numeric capabilities here - 221 to 440  
/*
```

```
constant (  
COLUMNS,  
CR_FILL,  
FRAME,  
LF_FILL,  
NUMBER_FN_KEYS,  
ROWS,  
VMS_TERMINAL_NUMBER,  
WIDE_SCREEN_COLUMNS  
) equals 22T increment 1 prefix SMG tag $K;
```

```
/*  
/* Private capabilities should be temporary. Add them  
/* at the end of the range.  
/*
```

```
constant (  
PRIVATE_NUM_1,  
PRIVATE_NUM_2,  
PRIVATE_NUM_3,  
PRIVATE_NUM_4,  
PRIVATE_NUM_5,  
PRIVATE_NUM_6,  
PRIVATE_NUM_7,  
PRIVATE_NUM_8,  
PRIVATE_NUM_9,  
PRIVATE_NUM_10  
) equals 43T increment 1 prefix SMG tag $K;
```

```
/*  
/* String capabilities here - 441 - 660  
/*
```

```
constant (  
BEGIN_ALTERNATE_CHAR,  
BEGIN_BLINK,  
BEGIN_BOLD,  
BEGIN_DELETE_MODE,  
BEGIN_INSERT_MODE,  
BEGIN_LINE_DRAWING_CHAR,  
BEGIN_REVERSE,  
BEGIN_UNDERSCORE,  
BOTTOM_T_CHAR,  
CLEAR_TAB,  
CROSS_CHAR,  
CURSOR_DOWN,  
CURSOR_LEFT,  
CURSOR_RIGHT,  
CURSOR_UP,  
DARK_SCREEN,  
DELETE_CHAR,  
DELETE_LINE,  
DEVICE_ATTRIBUTES, /* formerly IDENTIFY_TERMINAL  
DOUBLE_HIGH_BOTTOM,  
DOUBLE_HIGH_TOP,  
DOUBLE_WIDE,  
DUPLICATE,  
END_ALTERNATE_CHAR,  
END_BLINK,  
END_BOLD,  
END_DELETE_MODE,  
END_INSERT_MODE,  
END_LINE_DRAWING_CHAR,  
END_REVERSE,  
END_UNDERSCORE,  
ERASE_TO_END_DISPLAY,  
ERASE_TO_END_LINE,  
ERASE_WHOLE_DISPLAY,  
ERASE_WHOLE_LINE,  
HOME,  
HORIZONTAL_BAR,  
INIT_STRING,
```

INSERT\_CHAR,  
INSERT\_LINE,  
INSERT\_PAD,  
KEY\_0,  
KEY\_1,  
KEY\_2,  
KEY\_3,  
KEY\_4,  
KEY\_5,  
KEY\_6,  
KEY\_7,  
KEY\_8,  
KEY\_9,  
KEY\_BACKSPACE,  
KEY\_COMMA,  
KEY\_DOWN\_ARROW,  
KEY\_E1,  
KEY\_E2,  
KEY\_E3,  
KEY\_E4,  
KEY\_E5,  
KEY\_E6,  
KEY\_ENTER,  
KEY\_F1,  
KEY\_F2,  
KEY\_F3,  
KEY\_F4,  
KEY\_F5,  
KEY\_F6,  
KEY\_F7,  
KEY\_F8,  
KEY\_F9,  
KEY\_F10,  
KEY\_F11,  
KEY\_F12,  
KEY\_F13,  
KEY\_F14,  
KEY\_F15,  
KEY\_F16,  
KEY\_F17,  
KEY\_F18,  
KEY\_F19,  
KEY\_F20,  
KEY\_LEFT\_ARROW,  
KEY\_MINUS,  
KEY\_PERIOD,  
KEY\_PF1,  
KEY\_PF2,  
KEY\_PF3,  
KEY\_PF4,  
KEY\_RIGHT\_ARROW,  
KEY\_UP\_ARROW,  
LABEL\_F1,  
LABEL\_F2,  
LABEL\_F3,  
LABEL\_F4,

LABEL\_F5,  
LABEL\_F6,  
LABEL\_F7,  
LABEL\_F8,  
LABEL\_F9,  
LABEL\_F10,  
LABEL\_F11,  
LABEL\_F12,  
LABEL\_F13,  
LABEL\_F14,  
LABEL\_F15,  
LABEL\_F16,  
LABEL\_F17,  
LABEL\_F18,  
LABEL\_F19,  
LABEL\_F20,  
LEFT\_T\_CHAR,  
LIGHT\_SCREEN,  
LOWER\_LEFT\_CORNER,  
LOWER\_RIGHT\_CORNER,  
NAME,  
NEWLINE\_CHAR,  
PAD\_CHAR,  
RESTORE\_CURSOR,  
RIGHT\_T\_CHAR,  
SAVE\_CURSOR,  
SCROLL\_FORWARD,  
SCROLL\_REVERSE,  
SEL\_ERASE\_TO\_END\_DISPLAY,  
SEL\_ERASE\_TO\_END\_LINE,  
SEL\_ERASE\_WHOLE\_DISPLAY,  
SEL\_ERASE\_WHOLE\_LINE,  
SET\_APPLICATION\_KEYPAD,  
SET\_CHAR\_NOT\_SEL\_ERASE,  
SET\_CHAR\_SEL\_ERASE,  
SET\_CURSOR\_ABS,  
SET\_NUMERIC\_KEYPAD,  
SET\_SCROLL\_REGION,  
SET\_TAB,  
SINGLE\_HIGH,  
TAB\_CHAR,  
TOP\_T\_CHAR,  
UNDERLINE\_CHAR,  
UPPER\_LEFT\_CORNER,  
UPPER\_RIGHT\_CORNER,  
VERTICAL\_BAR,  
WIDTH\_NARROW,  
WIDTH\_WIDE,  
CURSOR\_POSITION\_REPORT,  
REQUEST\_CURSOR\_POSITION,  
CR\_GRAPHIC,  
FF\_GRAPHIC,  
LF\_GRAPHIC,  
HT\_GRAPHIC,  
VT\_GRAPHIC,  
TRUNCATION\_ICON,

```
CURSOR_NEXT_LINE,  
CURSOR_PRECEDING_LINE,  
INDEX,  
REVERSE_INDEX,  
BEGIN_NORMAL_RENDITION  
) equals 441 increment 1 prefix SMG tag $K;  
  
/*  
/* Private capabilities should be temporary. Add them at  
/* the end of the range.  
/*
```

```
constant (  
PRIVATE_STR_1,  
PRIVATE_STR_2,  
PRIVATE_STR_3,  
PRIVATE_STR_4,  
PRIVATE_STR_5,  
PRIVATE_STR_6,  
PRIVATE_STR_7,  
PRIVATE_STR_8,  
PRIVATE_STR_9,  
PRIVATE_STR_10  
) equals 65T increment 1 prefix SMG tag $K;
```

```
end_module $SMGTRMPTR;
```



The image displays a highly detailed and dense grid of technical content, organized into numerous small rectangular sections. Each section appears to contain specific technical information, such as code listings, data tables, or architectural diagrams. The overall layout is structured and systematic, typical of a comprehensive technical manual or reference guide. The text within the sections is small and difficult to read individually, but the overall structure suggests a well-organized technical reference.