命令模式

SCreen Nohead | Head
Turns the screen header box off or on.

开启或关闭屏幕台头栏。

SCreen MIN [[HIDE] [ALL] |FOCUS| RESTore] | MAX[:charwidth]
Minimizes, restores, or maximizes the window.

最小化、恢复或最大化窗口。

SCreen NORM[:charwidth] [/SIZE%:h|*[,w]] [/POS[:pos]]
Normalizes the window, optionally resizing or repositioning it.

正常化窗口，并且能调节窗口大小或位置。

SCreen [NORM[:charwidth] | MAX] COMmand [lines | ON | OFF | ONLY]
Splits the screen into a Command area (for typed-in commands) below a Display area (for all command output), or otherwise modifies split-screen mode.

把屏幕划分为下命令区域（输入命令区域）和上显示区域（所有命令输出区域），或相反修改分画面模式。

SCreen SCRoll [ON | ALL | OFF]
Specifies scrolling behavior in split-screen mode.

指定分画面模式中的滚动特性。

SCreen TOP | BOTtom
Scrolls to the top or bottom of the saved Display area.

滚动已保存的显示区域至顶部或底部。

SCreen UP|DOWn [Line]
Scrolls up or down a page or line in the saved Display area.

滚动已保存的显示区域上、下一页或上、下一行。

SCreen Rows min [,max]
Ensures the window has at least min and at most max command rows.

确保窗口拥有至少最小和至多最大命令行。

SCreen NOGraph | Graph[:intensity]
Turns the Command area watermark graphic off or on.

关闭或开启命令区域的图表水印。

SCreen Logo [ON | OFF | imagefile[:intensity]]
Turns a logo image off or on.

关闭或开启图片标记。

SCreen White| Black [Display]

Sets the background color to white or black for the Command or Display area.

设置命令区域或显示区域背景为白色或者黑色。

SCreen Mono | Color

Changes to or from monochrome mode.

变成单色模式或彩色模式。

SCreen MEssage message

Displays the message directly to the screen without special MESSAGE command processing.

直接显示文本消息在屏幕上，而不经过特别的 MESSAGE 命令处理。

SCreen

Ensures only screen output by turning off any output file.

通过关闭任何输出文件来确保仅屏幕输出。

参数说明

NOHEAD

Stops the status header box from showing on the screen.

禁止状态台头栏显示在屏幕上。

HEAD

Resumes showing the status header box.

恢复显示状态台头栏。

MIN [HIDE] [ALL]

Minimizes the main window, making it disappear from the desktop. If HIDE is included, the program is completely hidden from the taskbar and other task lists. If ALL is included, all program windows disappear, including any TEMPLATE dialog boxes.

最小化主窗口，使其在桌面上消失。如果引用 HIDE，程序将在任务栏和其他任务列表中彻底隐藏。如果引用 ALL，所有程序窗口都消失，包括任何模板对话栏。

MIN FOCUS

Passes foreground focus either to a program session connected using MESSAGE SEND ON or (if none) to the previous window to have foreground focus.

将前台焦点传递到使用"消息发送"连接的程序会话，或者（如果没有）传递到前一个窗口以获得前台焦点。

MIN RESTORE

Restores the program's screen state prior to the last SCREEN MIN [HIDE] [ALL] command. Even when not minimized, restoring can be used to bring the program to the foreground with active keyboard focus, but SCREEN MIN FOCUS should be done first by the previous active program to prevent taskbar notification flashing on certain operating systems.

恢复至最后一个 SCREEN MIN [HIDE] [ALL]命令之前的程序屏幕状态。即使未最小化，还原也可用于将程序置于具有活动键盘焦点的前台，但屏幕最小焦点应首先由以前的活动程序完成，以防止任务栏通知在某些操作系统上闪烁。

NORM [:charwidth] [/SIZE%:h| *[,w]] [/POS[:pos]]

Normalizes the window with a medium-size font. This parameter may be used before COMMAND to normalize and set split-screen simultaneously. If charwidth is included, the window is resized using the specified character width in pixels. If /SIZE is included, the window is resized to the specified percentages of the screen height (*=current height) and optionally screen width. If /POS is included, the window is repositioned to the screen TOP, BOTTOM, LEFT, or RIGHT, which may be combined to specify screen corners (e.g. /POS:TOPLEFT; default=center).

使窗口恢复标准的中等尺寸字体。这个参数可以在 COMMAND 之前使用，从而能够同时进行标准化和设定分画面。如果引用 charwidth，将使用指定的字符像素宽度来调整窗口的大小。如果引用/SIZE，将使用指定的屏幕高度（*=当前高度，同时可选屏幕宽度）百分比来调整窗口大小。如果引用/POS，窗口将被移动到屏幕顶部，底部，左边或右边，同时还能将窗口移动到屏幕的角落（例如：/POS:TOPLEFT；默认位置为屏幕中心）。

MAX [:charwidth]

Maximizes the window to use a larger font and more lines (screen resolution permitting). This parameter may be used before COMMAND to maximize and set split-screen simultaneously. If charwidth is included, the window is not maximized but the character width in pixels is set for future maximizations (desktop default=10; tablet default=0 for full screen).

最大化窗口，从而能够使用更大的字体和更多的行（屏幕分辨率允许时）。这个参数可以在 COMMAND 之前使用，从而能够同时进行最大化和设定分画面。如果引用 charwidth，窗口不会最大化，但是会设置以后最大化时的字符像素宽度（桌面默认=10；全屏小块默认=0）

COMMAND lines

Splits the screen with the specified number of Command area lines，adjusting downwards (to a minimum of 1 command line) as needed so the Display area has at least 10 lines, which can be reduced further by user resizing (down to shared SCR ROWS minimum).

使用指定数量的命令区域行拆分屏幕，根据需要向下调整（至少 1 个命令行），以便显示区域至少有 10 行，这可以通过用户调整大小进一步减少（最小到共享 SCR 行最小值）。

COMMAND [ON]

Splits the screen using the last specified number of Command lines (default is 5).

使用最后指定的命令行数（默认为 5）划分屏幕。

COMMAND OFF

Causes the Command area to disappear completely and all available lines to be taken by the Display area (same as COMMAND 0).Whenever command line input is needed, a one-line Command area temporarily reappears and disappears as soon as the Enter key is pressed.

使命令区域完全消失，并且使所有可用行成为显示区域（和 COMMAND 0 一样）。每当需要命令行输入时，会出现一个临时的单行命令区域，当按下回车键时，该临时命令区域即会消失。

COMMAND ONLY

Causes the Display area to disappear and all available lines to be taken by the Command area.

使显示区域消失，并且使所有可用行成为命令区域。

SCROLL [ON]

Specifies default split-screen scrolling behavior with all implicit waits disabled, saving a scrollable collection of all screen output written to the Display area since it was last cleared. When this collection contains more lines than will fit in the visible Display area, a scroll bar appears which can be used to select any part of the collection for viewing. A report command (such as RA, STATUS, etc.) starts by clearing the Display area and ends by scrolling to the top of the report if it is too large to fit in the visible Display area.

指定默认分画面滚动特性，禁止所有隐式等待；保存最后一次清屏之后的滚动集合，该集合为写入显示区域的所有屏幕输出。当该集合包含很多行以致于无法都出现在可视显示区域时，会出现一个滚动条用于查看该集合的任何部分。报告生成命令（例如：RA，STATUS 等等）在开始时会清空显示区域；最后，如果报告太大而无法都显示在可视显示区域时，报告会滚动到最顶部。

SCROLL ALL

Specifies split-screen scrolling behavior the same as for SCROLL ON, except that any implicit clearing of the Display area is turned off so all screen output since the last explicit CLS or CLEAR is available for scrolling. With this behavior, report commands (such as RA, etc.) do not start by clearing the Display area and do not end by scrolling to the report top.

指定和 SCROLL ON 一样的分画面滚动特性，但是关闭所有显示区域的隐式清屏功能，从而可以查看上一个明确命令 CLS 或 CLEAR 之后的所有屏幕输出。伴随这个特性，报告生成命令（例如：RA 等等）在开始时不会清空显示区域；最后，报告也不会滚动到最顶部。

SCROLL OFF

Turns off scrolling the Display area, instead implicitly waiting when the Display area is full and no output file is open (the same behavior as for SCREEN COMMAND ONLY mode).

关闭显示区域的滚动功能，默默等到显示区域充满并且没有输出文件打开（和 SCREEN COMMAND ONLY 模式功能一样）。

TOP

Scrolls to the top of the saved Display area (same as keying Ctrl-PgUp).

滚动至已保存的显示区域的顶部（快捷键 Ctrl-PgUp）。

BOTTOM

Scrolls to the bottom of the saved Display area (same as keying Ctrl-PgDn).

滚动至已保存的显示区域的底部（快捷键 Ctrl-PgDn）。

UP [LINE]

Scrolls to the previous page of the saved Display area (same as keying PgUp), or to the previous line if LINE is included (same as Ctrl-Up Arrow).

滚动至已保存的显示区域的上一页（快捷键 PgUp）；如果引用 LINE，则滚动至上一行（快捷键 Ctrl-Up Arrow）。

DOWN [LINE]

Scrolls to the next page of the saved Display area (same as keying PgDn), or to the next line if LINE is included (same as Ctrl-Down Arrow).

滚动至已保存的显示区域的下一页（快捷键 PgDn）；如果引用 LINE，则滚动至下一行（快捷键 Ctrl- Down Arrow）。

ROWS min [,max]

Sets the minimum and maximum number of rows (default min=4, the lowest permitted is 2 except in split-screen mode where Display and Command areas share at least 3 rows).

设置最小和最大行数（默认最小=4，最低限度是 2，在分屏模式下除外，其中显示和命令区域至少共享 3 行）

NOGRAPH

Turns off the watermark graphic in the Command area.

关闭命令区域的水印图表。

GRAPH [:intensity]

Turns on the watermark graphic showing the vessel profile, with optional visual intensity between 0.0 and 1.0 (default=0.5).

开启显示船舶外形的水印图表，同时可调节范围在 0.0 至 1.0 之间的可见度（默认为 0.5）。

LOGO [ON | OFF]

Turns on (default) or off the program startup logo image without clearing the screen.

开启（默认）或关闭程序启动图标，而不清除屏幕。

LOGO imagefile [:intensity]

Turns on the logo image as drawn from the BMP or JPG imagefile (default extension is ".BMP"). Pure black (RGB=0) is transparent, appearing black in default SCREEN BLACK mode but white in SCREEN WHITE mode, so use a slightly different shade (e.g. RGB=1) to force black. Optional image intensity can be specified between 0.0 and default 1.0.

开启图标为取自 BMP 或 JPG 的图像文件（默认拓展名为".BMP"）。纯黑（RGB=0）是透明的，在默认的 SCREEN BLACK 模式下显示黑色，但在 SCREEN WHITE 模式下却显示白色，所以会使用一个细微差别的阴影（例如 RGB=1）来强制显示黑色。同时可调节范围在 0.0 至 1.0 之间的图像强度（默认为 1.0）。

WHITE [DISPLAY]

Sets background to white for the Command (or optionally Display) area and Load Editor spreadsheet.

指定命令区域（或显示区域）和装载编辑器中的电子数据表的背景为白色。

BLACK [DISPLAY]

Sets background to black for the Command (or optionally Display) area and Load Editor spreadsheet (default).

指定命令区域（或显示区域）和装载编辑器中的电子数据表的背景为黑色（默认）。

MONO

Specifies monochrome screen mode.

指定为单色屏幕模式。

COLOR

Specifies color screen mode (default).

指定为彩色屏幕模式（默认）。

MESSAGE message

Displays message text directly to the screen like the MESSAGE command, except:

(1) there is no special treatment of keywords and parentheses; and

(2) all output goes to the screen even if a MESSAGE (REPORT) file is open.

像命令 MESSAGE 一样，直接显示文本消息在屏幕上，但是：

（1）没有关键字和插入语的特殊处理；

（2）即使开着一个消息（报告）文件，所有输出仍然显示在屏幕上。

Operation

操作

The NOHEAD parameter causes the box at the top of the screen and the data it contains to be eliminated. The HEAD parameter restores the header box.

参数 NOHEAD 使得台头栏处于屏幕顶部并且删除其中包含的数据。参数 HEAD 会恢复台头栏。

The MIN, NORM and MAX parameters change the main window size (not affecting any TEMPLATE dialog boxes unless MIN ALL is used). Note that the font size and number of rows shown can also be adjusted by dragging the window borders. The charwidth parameter specifies the desired character width in pixels (default=10) when the window is maximized.

参数 MIN, NORM 和 MAX 改变主窗口的大小（除非使用 MIN ALL，否则不会影响任何 TEMPLATE 对话栏）。注意：拖拽窗口边缘会调整字体大小和行数。参数 charwidth 指定窗口最大化时的字符像素宽度（默认=10）。

Note that the main program starts minimized if driven by a run file whose first command is SCREEN (allowing startup in SCREEN MIN or SCREEN MAX mode without a screen flash). If minimized, the main screen is automatically revealed when reporting an error (if not using a pop-up dialog box) or if waiting for non-TEMPLATE user input with no visual clue.

注意：如果主程序由首命令为 SCREEN（在没有屏幕显示的情况下，允许启用 SCREEN MIN 或 SCREEN MAX 模式）的运行文件操控，其将以最小化形式启动。如果最小化，当报错（不使用弹出对话栏时）或等待没有可视提示的非模板用户输入时，主屏幕上将自动显示。

The COMMAND parameter splits off a Display area to appear above a reduced-size Command area. This Display area receives all screen output that would otherwise have gone to the Command area, with the exception of commands themselves and command-related messages (such as errors that fit in the command area, "End of Run File", and plot generator information).If present, only the Display area is affected by actions such as CLS or waits before lines scroll off the screen. COMMAND ONLY restores the unsplit Command area.

参数 COMMAND 划分一个显示区域，从而产生一个简化尺寸的命令区域。这个显示区域接收所有屏幕输出，否则输出会到命令区域，命令本身以及和命令相关的消息除外（例如：命令区域的错误，"运行文件终点"，以及图表生成程序信息）。如果引用，只有显示区域会受到一些操作的影响，例如 CLS 或行滚下屏幕之前的等待。COMMAND ONLY 恢复整个命令区域。

The SCROLL parameter specifies scrolling behavior in split-screen mode. When default scrolling is active, a scroll bar appears as needed beside the Display area. The user can scroll through saved Display area lines either by moving the scroll bar or by keying the shortcuts PgUp (page up), PgDn (page down), Ctrl-PgUp (top), Ctrl-PgDn (bottom), Ctrl-Up-Arrow (line up), and Ctrl-Down-Arrow (line down).These shortcuts are available not only during normal command input but also while a standard TEMPLATE dialog box is active or while waiting with "Press to continue" button visible.

参数 SCROLL 指定分画面模式下的滚动特性。当默认滚动有效时，显示区域边上会出现一个滚动条。通过移动滚动条，或快捷键 PgUp (上一页), PgDn (下一页), Ctrl-PgUp (顶部), Ctrl-PgDn (底部), Ctrl-Up-Arrow (上一行), Ctrl-Down-Arrow (下一行)，用户可以滚动查看已保存的显示区域。这些快捷键不仅在普通命令输入时有效，在标准模板对话栏或等待"Press to continue"时同样有效。

The scrolling behavior in effect at LOAD EDIT startup also determines scrolling for display output produced by LEw module macro buttons; this behavior can be changed by issuing SCREEN SCROLL commands within LEw macros, but the original scrolling behavior is restored when LEw exits.

装载编辑器启动时的有效滚动特性，也适用于 LEw 模块宏按钮生成的显示输出；该特性可以通过引用带 LEw 宏的命令 SCREEN SCROLL 进行更改，但是当 LEw 存在时，会恢复原始滚动特性。

The ROWS parameter resizes the window if necessary to ensure that there are at least min (and if present, at most max) visible command rows (or spreadsheet rows in Load Editor). Moreover, any future window resizing by the user will not reduce the number of rows below min, at worst temporarily truncating off the view of bottom rows, which continue to exist internally and are fully restored whenever the window is expanded.

参数 ROWS 调整窗口大小，从而保证存在至少最小（如果出现，至多最大）的可视命令行（装载编辑器中则为电子数据表行）。此外，无论以后用户如何调整窗口大小，都不会使行数小于最小值；最坏的情况下，会暂时隐藏底端行的显示（但其仍然存在），一旦窗口扩大，则会完全恢复。

The logo image appears automatically when the program is run without any run file or library file parameter. If it is desired to not have the logo appear at program startup, the default logo file must be deleted from the program directory.

当程序在没有任何运行文件或库文件参数的情况下运行时，图标会自动显示。如果不希望图标出现在程序启动时，则需要删除程序目录中的默认图标文件。

The LOGO parameter reloads the logo image, optionally from the default file or the given file. This image is cleared by the READ and CLS commands. A new logo appears in the Display area if present and the Command area otherwise; an existing logo never switches areas. Logos in the Display area can only be cleared by SCREEN LOGO OFF and SCREEN COMMAND; logos in the Command area can also be cleared by CLS and READ.

参数 LOGO 重新装载图标，可以选择从默认文件装载或从指定文件装载。图像会被命令 READ 或 CLS 清除。如果引用该参数，则一个新图标会出现在显示区域，否则出现在命令区域；已经存在的图标永远不会变换其位置。显示区域的图标只能通过 SCREEN LOGO OFF 和 SCREEN COMMAND 清除；而命令区域的图标也可以通过 CLS 和 READ 清除。

The vessel graph watermark appears in the Command area only, replacing any logo image if no Display area is present. It can be toggled using the NOGRAPH and GRAPH parameters.

船舶轮廓水印仅出现在命令区域，如果没有显示区域的话，则其会替代任何图标。水印可以使用参数 NOGRAPH 和 GRAPH 进行互相转换。

Screen color options can be set using the WHITE, BLACK, MONO, and COLOR parameters. By default the background is white for the Display area and black for the Command area.

使用参数 WHITE, BLACK, MONO 和 COLOR 可以设置屏幕颜色。默认显示区域背景为白色，默认命令区域背景为黑色。

Screen text size can be zoomed in or out by: (1) holding the Ctrl key and pressing "+" or "-"; (2) holding the Ctrl key while rotating a mouse wheel forward or back; (3) spreading or pinching two fingers on a touchscreen. This works anywhere in the system including helper programs and dialog boxes.

屏幕文本大小可以通过以下方式放大或缩小：（1） 按住 Ctrl 键并按"+"或"-"；（2）按住 Ctrl 键同时向前或向后旋转鼠标滚轮;（3）在触摸屏上张开或捏两根手指。这适用于系统中的任何位置，包括帮助程序和对话框。

Output

输出

none.

无

Examples

样例

Keeping subsequent output to the screen only:

保持之后的输出仅在屏幕上：

SCREEN

Eliminating the header box:

消除台头栏：

SCREEN NOHEAD

Maximizing the window:

最大化窗口：

SCREEN MAX

Relocating the window to the fill the top left quarter of the screen:

移动窗口至屏幕的左上角：

SCREEN NORM /POS:TOPLEFT /SIZE:50,50

Turning on split-screen mode with 10 lines for the Command area:

开启分画面模式，并且设置命令区域为 10 行：

SCREEN COMMAND 10

Turning on split-screen scrolling that will not be cleared before every report:

开启分画面滚动，并且在每次报告之前不清除：

SCREEN SCROLL ALL

Turning off the logo image:

关闭图标：

SCREEN LOGO OFF

Turning off the watermark:

关闭水印：

SCREEN NOGRAPH

Setting the Display area background black:

设置显示区域背景为黑色：

SCREEN BLACK DISPLAY

样例