

命令模式

Display [filename] [(partname)] [/SPAWN]

Displays the vessel geometry on the screen without reference to the present loading condition.

在屏幕上弹出窗口，显示当前船舶模型，不考虑任何装载工况。

Display [filename] [(partname)] PRINT [/PREView [/SPAWN]] [/printparams]

Creates a printed report of the vessel geometry without reference to any loading condition.

将船舶模型信息打印到文件报告，不考虑任何的装载工况

Display [(tanklist)] STATUS [viewlist] [/LEGEND[:CONTents | LOAD | NOLOAD]]
 [/NOLEGEND] [/SECONDary] [/PRINT[:file] | /SCREEN] [/SPAWN | /SYNC[:ratio]]
 [/MAX] [/PAGE%:percent] [/YESEMPY] [/NOHULL] [/NOSEA] [/NOCRIT]
 [:ARROW] [LABEL] [:NUMBER] [:POINT]] [/NOEXTRA] [/FRame] [/ORIGN] [/SCALE]
 [/TITLE:text] [/ALIGNbody] [/3D[:WIRE]]

Displays the hull and/or selected tanks in the present loading condition on the screen or printer or as an insert to the present report. This form of display requires the optional Condition Graphics (CG) module.

将船舶模型及选中舱室根据当前工况，在屏幕上弹出窗口显示或输出到报告中。此形式的显示需要 CG 模块。

Display STATUS /SUSPEND | /RESUME | /UPdate | /QUIT

Suspends, resumes, updates, or quits a synchronized Condition Graphics window.

暂停，重启，更新或退出，在窗口中同步显示的工况图。

参数说明

filename

The geometry file name. If absent, the geometry previously read through the READ command is displayed.

模型文件名称，如果缺省，将显示之前用 READ 命令读入的模型文件。

(partname)

The part to be displayed first (screen) or the only part to be displayed (print).

首先亮显的子模型（屏幕显示），或唯一输出的子模型（发送到文件）。

/SPAWN

Spawns a persistent display while the main program continues. For DISPLAY STATUS, Condition Graphics appears in an adjoining window, with each subsequent /SPAWN instance offset a notch from the last spawned CG window.

主程序继续的同时，在屏幕上预览持续生成的文件报告。为了显示状态，工况图形出现在相邻的窗口，与每个后续 /SPAWN 生成的 彩色图形 CG 窗口。

`/PREVIEW [/SPAWN]`

Views the geometry report on the screen as it would appear in a printout, optionally spawning.

在屏幕上预览生产的文件报告，SPAWN 可选，子参数 SPAWN 可以使得预览报告的同时，继续主程序。

`/printparams`

Any collection of the parameters listed for the DISPLAY PRINT command in the Part Maker (PM) manual.

在 PM 手册中列出的，所有 DISPLAY PRINT 命令可用的子参数。参看 PM 手册。

`(tanklist)`

A list of one or more tanks to show in the STATUS display. If absent, the current default tank list is assumed.

在工况图中显示的单个或多个舱室。如果缺省，将默认当前选中舱室。

`viewlist`

One or more of the keywords PLAN, PROFILE and BODY in any order, describing views in a STATUS display. View keywords may be followed by "@" locations (such as "@10s") or ":" subparameters (such as :WITHSAILS, :REVERSE, :OUTBOARD, etc.). Location values may include optional ' or M suffixes to specify feet or meters regardless of any intervening unit changes. See the Condition Graphics (CG) manual for details.

关键词 PLAN, PROFILE 和 body，可以以任意次序附加在 STATUS 后，来显示对应的图像。关键词后可以附加参数“@”+位置(例如：“@10s”)或附加参数:WITHSAILS, :REVERSE, :OUTBOARD 等，位置的数值单位可以用后缀'或 m 来指明单位为英尺或米。详细信息可参看 CG 手册。

`/LEGEND [:CONTENTS | LOAD | NOLOAD]`

Shows the tank-identification legend (omitted by default for screen output). Subparameter CONTENTS includes tank loads and contents in the legend, LOAD includes load percentages, and NOLOAD shows only tank names; by default, loads (and contents if few tanks involved) are only included in the legend when print output starts near the top of the page..

显示具有 TANK 标识的舱室（屏幕输出默认省略）。子参数 CONTENTS 包括舱室的装载百分比和装载的物质（比重），LOAD 包括装载百分比，NOLOAD 仅显示舱室名称；默认情况下，仅当打印输出在页面顶部附近开始时，当装载（如果涉及的舱室很少），则包含装载物质的舱室会排在上面（没有装载的舱排在后面）。

`/NOLEGEND`

Omits the legend from print output (where it appears by default).

从打印输出中省略舱室名称（默认情况下显示舱室名称）。

`/SECONDARY`

Causes print output to be directed to a separate secondary file with the same name as the current output but with .QF extension, or if no report is open, to the secondary printer configured by the PRINT CONFIGURE SECONDARY command.

把输出直接储存在另一个同名文件（文件名.QF）中，或者发到由命令 PRINT CONFIGURE SECONDARY 配置的次级打印机上。

/PRINT [:file]

Causes the DISPLAY STATUS output to be sent to the specified file regardless of any active report. If file is omitted, output is printed rather than displayed if no report is in progress.

把显示输出发送到指定的文件，而非当前报告。如果省略参数 file，同时又不存在当前报告，则输出将被直接打印。

/SCREEN

Causes the DISPLAY STATUS output to appear on the screen rather than being printed when there is a report file in progress.

只在屏幕上显示工况图而不是打印到报告，哪怕存在当前报告。

/SYNC [:ratio]

Spawns Condition Graphics in an adjoining window, automatically synchronized with any vessel changes. The ratio optional subparameter (default=1) sets the CG to program window height ratio.

相邻于主程序窗口生成工况图窗口，此窗口的工况图显示会和船舶浮态及工况同步。可选参数：ratio（默认为 1）会设定工况图窗口相对主程序窗口的高度比率。

/MAX

Starts Condition Graphics in a maximized window.

最大化显示图形窗口。

/PAGE%:percent

Restricts output to the given percent of the available print page. Consecutive DISPLAY STATUS /PAGE% commands append to the same page if the total does not exceed 100%. The /PAGE% parameter can be omitted to fill out the remainder of the page. The legend box is suppressed except for the final area on the page unless /LEGEND is included.

限制输出时占用页面比例。如果页面篇幅足够，则在当前页面下根据 DISPLAY STATUS /PAGE% 命令所占篇幅进行输出，如果省略参数/PAGE%，则余下的页面篇幅都将被占用。仅当输出于页面的结尾区域时，DISPLAY STATUS /PAGE%命令才会显示舱室名称。除非使用参数/LEGEND，则输出于页面中间区域时，舱室名称也会被显示出来。

/YESEMPTY [:VIEWS]

Causes empty tanks to be displayed (optionally only in the viewlist but not in the legend).

显示无装载的舱室(可以选择只是列表显示，但无舱室名称)。

/NOHULL

Causes only tanks to be displayed.

只显示舱室。

/NOSEA

Prevents coloring the sea beneath the waterline.

水线以下不显示海水颜色。

/NOCRIT

Omits critical points.

省略进水点。

/NOCRIT [:ARROW] [:LABEL] [:NUMBER] [:POINT]

Omits indicated features when showing Critical Points. By default, each point is shown by an arrow labeled with its number, but if omitting ARROW then a larger point mark is shown with its label directly above (unless omitting LABEL). Omitting NUMBER shows point description for the label. Omitting POINT centers the label over its location. Critical Points are listed in the legend only when shown with number labels.

在显示进水点时省略其特有特性。若缺省，用箭头和编号显示进水点，如果省略箭头，除非 LABEL 也省略，则用小方点显示。省略 NUMBER，则只显示点。省略 POINT 的中心，进水点将会对于与编号列在表中。

/NOEXTRA

Omits adding extra edge lines for improved 3D visibility, instead just showing deck edges actually marked in the vessel geometry.

省略额外增加的边界线以提高 3D 显示，而不是只是显示船体几何模型中的甲板边线而已。

/FRAME

Labels each BODY view matching a frame location using its corresponding frame description (which must be stored in the Geometry File, not a frame file).

用已经设定的肋位说明，来标记横剖面的位置（这个肋位号的标记要在 GF 文件中定义，不是在 **.FRA 文件中的定义）。

/ORIGIN

Shows inclined vessel origin axes.

显示倾斜的原始坐标轴。

/SCALE

Shows scale of print page (in inches or cm.) to vessel (in feet or m.) for PDF export to DXF.

当从 PDF 文件输出到 DXF 文件时，显示比例（打印页：英寸/厘米）到实船（英尺/米）。

/TITLE:text

Specifies title text to replace waterplane information normally appearing in the top CG line.

指定文字替代常规出现在 CG 窗口顶端的吃水及浮态信息。

/ALIGNbody

Aligns the waterlines of all BODY views on each row. Despite the resulting continuous waterline, these aligned body cuts remain normal to the vessel baseplane, not the waterplane.

每一列的横剖面图的水线面对齐。尽管水线面是连续的，但横剖面是垂直于基线而不是水线面。

/3D [:WIRE]

Renders any PROFILE or PLAN views as surfaced three-dimensional graphics, which may be rotated, zoomed, or panned using the mouse (right-click and drag for rotate, scroll wheel for zoom, and center-click and drag for pan) or keyboard (ALT+arrow keys for rotate, -/+ keys for zoom, and arrow keys for pan). Optional WIRE subparameter renders the vessel using lines instead of surfaces.

将所有“侧面”或“平面”的视图呈现为曲面三维图形，可以使用鼠标（右键单击并拖动以旋转，滚轮进行缩放，中键单击并拖动以平移）或键盘（ALT+ 箭头键用于旋转，-/+ 键用于缩放，箭头键用于平移）进行旋转、缩放或平移。可选的 WIRE 子参数使用线而不是渲染的曲面。

/SUSPEND

Suspends automatic updating of a synchronized Condition Graphics window. Note that macros executed from Load Editor with windows always start with synchronization suspended.

暂停工况图窗口的同步更新。在装载编辑器中调用的窗口，总是以暂停同步更新模式开始。

/RESUME

Resumes automatic updating of a suspended Condition Graphics window.

重新恢复同步更新，之前暂停的工况图窗口。

/UPDATE

Immediately updates any synchronized CG window with the current state of the vessel.

根据当前的船舶状态立刻同步更新所有工况图窗口。

/QUIT

Closes all active Condition Graphics windows, both synchronized and unsynchronized.

关闭所有激活的图形显示窗口，包括同步的和不同步的。

Operation

操作

The DISPLAY command uses SE /DISPLAY for screen display and PM as a report generator for the printed DISPLAY. Additional documentation of the on-screen display can be found in the Section Editor (SE) manual. Additional documentation of the printed display can be found in the Display Print section of the manual.

命令 DISPLAY 用 SE /DISPLAY 模块进行屏幕显示，用 PM 模块进行打印到报告。关于屏幕显示的其他信息请参看 Section Editor (SE) 手册，关于打印显示的其他信息请参看手册的 Display Print 章节。

DISPLAY STATUS uses the Condition Graphics module, which is optional and not necessarily present in every program installation. Additional information is in the CG manual.

DISPLAY STATUS 命令将调用 CG 模块，此模块是可选的，并非在每个程序中都需要安装。更多的信息可参看 CG 手册。

DISPLAY PRINT generates a report to the current output file (which is not seen on the screen unless /PREVIEW is included). If no output file is open, then the report is sent directly to the printer. Various optional parameters are available, as described under the DISPLAY PRINT command in the Part Maker (PM) manual. For example, if the /NOOFF parameter is included, the offsets will not be listed in the printout.

DISPLAY PRINT 会生成报告到当前的输出文件（在屏幕上并无任何显示，除非使用参数 /PREVIEW）。如果当前没有输出文件，报告会直接发送到打印机。在 PM 手册中，可找到更多关于 DISPLAY PRINT 命令的可选子参数。例如，如果附加子参数/NOOFF，则不会输出型值数据。

In screen-display mode, the partname may be expanded to include a component name; or it may be a shape name. To distinguish a part name from a shape name when there is an ambiguity, the part name can end with a backslash "\".

在屏幕显示模式中，partname 参数可以包含构部件名称或者形状名称。当子模型名称和形状名称分辨不清时，子模型名称可以用符号“\”结尾。

In the printout version, the partname may include an asterisk at the end to indicate all parts that start with a common string of characters.

在打印输出模式时，partname 参数后可以加*号表示名称与*号前字符相匹配的所有子模型都被选中。

Output

输出

Screen and printed displays of the vessel model.

屏幕显示或打印船舶模型图形。

Examples

样例

Displaying the vessel model on the screen:

在屏幕上显示船舶模型：

DISPLAY

Obtaining a printout of the vessel model with offsets:

打印船舶模型和型值数据：

DISPLAY PRINT

Obtaining a printout of the part HULL without including the offsets:

打印船舶模型（子模型 HULL），但不打印型值数据：

DISPLAY (HULL) PRINT /NOOFF

Showing the present loading condition in plan, profile and body views:

根据当前工况显示船舶浮态的俯视图，侧视图，和横剖面图形：

DISPLAY STATUS PLAN, PROFILE, BODY @0 @16f @35f @44f @60f @72f

Showing outboard view with Critical Points marked below their descriptions:

生成同步显示的窗口显示进水点及其说明：

DISPLAY STATUS PROFILE:OUTBOARD /NOCRIT:A:N

Showing three-dimensional profile and plan views without the waterplan:

显示 3D 模型，侧视图和平面图，无水线面：

DISPLAY STATUS PROFILE, PLAN /3D /NOSEA

Spawning a synchronized Condition Graphics window:

生成同步显示工况图的窗口：

DISPLAY STATUS /SYNC

Printing Condition Graphics profiles for multiple load conditions on the same page:

在同一页上打印多个工况的船舶浮态侧视图：

MACRO CGLOAD ` %1=load, %2=page percent

LOAD (TANK.C) %1

SOLVE

DISPLAY STATUS PROFILE /PAGE%: %2

/

REPORT TEST

.CGLOAD .0 20

.CGLOAD .35 20

.CGLOAD .75 20

.CGLOAD 1.00 40` 为名称框留空间` allows room for legend box

REPORT CLOSE