

命令模式

DEFLECT deflection [@ center] [/ length]

Sets deflection over a centered length without changing depth, trim, or heel.

不改变当前吃水，纵倾和横倾，设定船舶以某点为中心在某长度内的变形或挠度。

DEFLECT OFF

Turns off deflection without any reporting.

删除船舶变形，且不以任何方式报告。

DEFLECT

Displays the current overall deflection to the screen.

屏幕显示当前船舶变形。

参数说明

deflection

The deflection value (positive is hogging and negative is sagging).

船舶变形数值（中拱为正，中垂为负）。

center

The longitudinal location of the center of deflection (if omitted, the midship location is used).

纵向方向上船舶变形的中心(若省略，默认船中位置)。

length

The length over which deflection occurs (if omitted, the overall length is used).

变形产生的长度范围（若省略，默认为总长）。

OFF

Turns off deflection. This is the same as DEFLECT 0, except there is no reporting.

删除变形，和命令 DEFLECT 0 作用相同，但它并不报告显示。

Operation

操作

The deflection is set over a centered length using the existing depth, trim, and heel.

利用当前的吃水，纵倾和横倾，设定船舶以某点为中心在某长度内的变形或挠度。

Display Output

显示输出

The updated deflection and length is reported to the screen and output file (except for DEFLECT OFF). DEFLECT without parameters displays the current deflection to the screen.

新的船舶变形和长度信息将会在屏幕显示或报告输出（除 DEFLECT OFF）。单独使用 DEFLECT 命令会将当前的船舶变形屏幕显示。

Whenever any command removes deflection implicitly as a result of changing the waterplane, "Deflection removed" is reported to the screen and output file.

当其他任何命令因改变水平面而间接的删除船舶变形时，"Deflection removed"信息会显示在屏幕上或报告中。

Nondisplay Output:

无显示输出

none.

无

Examples

样例

Setting deflection to 0.225 sagging over length 90 centered at 10a:

以 10a 位置处为中心，长度 90 范围内，定义船舶变形中垂 0.225:

```
DEFLECT -0.225 @ 10a / 90
```

Setting overall deflection to 0.5 hogging at the midship:

以船中位置处为中心，总长范围内，定义船舶变形中拱 0.5:

```
DEFLECT 0.5
```

Displaying overall deflection:

显示船舶变形信息:

```
DEFLECT
```

Setting variable X equal to the overall deflection:

设置变量 X 等于船舶变形值:

```
SET X = {DEFLECT}
```