命令模式

ANGles φ1, ..., φn

Defines a series of heel angles to be used by commands like RA, MAXVCG and CC.

定义一系列横倾角度，为其他命令所用。比如命令：RA, MAXVCG, CC。

ANGles *

Reverses the sign of the currently-defined angles if different from the current heel direction.

如果定义的横倾角度方向与当前船舶实际横倾方向相反，那么将定义的横倾角度方向反转。

ANGles

Displays the currently-assigned angles to the screen.

屏幕显示当前定义的横倾角度。

参数说明

φ1, ..., φn

A series of heel angles.

一系列横倾角度。

Operation

操作

The given angles are stored for later use. They must be monotonic and spaced 0.1° or more apart.

为后面计算使用而设置指定的横倾角度。设置的数据必须单调，且角度间步长大于等于 0.1 度。

When the program begins, the angles are defined at every 5° from 0° to 60° (starboard heel).

当程序开始计算时，定义角度范围为 0 度到 60 度，步长为 5 度（默认右倾）。

The special form "ANGLES *" has the effect of reversing the signs of the currently-defined angles if the last angle has a sign differing from the current heel direction. Thus you can cause your heel angles to go in the same direction that the vessel is currently tending toward. Note that ANGLES * is not a modal setting. Each time the angles direction should be set to match the current heel direction, a separate ANGLES * command must be given.

如果定义角度的倾斜方向与当前船舶实际横倾方向相反，命令 ANGLES * 可以使定义的角度反转。这样可以使计算横倾角度方向和当前船舶实际倾斜方向一致。注意 ANGLE *并不是一个动态的设置，每次计算都要应用命令 ANGLE*，以确保倾斜角度方向和当前船舶实际倾斜方向一致。

Display Output

显示输出

Display mode is activated when no parameters are given. In this case the currently-defined angles are shown on the screen only.

没有给定参数的情况下，会激发显示模式，且仅在屏幕上显示当前定义的角度。

Nondisplay Output

非显示输出

none.

无

Examples

样例

Displaying the currently-assigned angles:

显示当前定义的角度。

ANGLES

Setting the angles to a favorite sequence:

按照所需的序列定义角度。

ANGLES 0 7.5 ... 30 35 40 50 ... 90

Making sure the direction of the righting arm curve matches the current heel direction:

确保回复力臂曲线方向符合当前船舶实际横倾方向。

ANGLES *

RA