

命令模式

TRim [*±] θ

Sets the vessel trim, optionally relative to its current value.

设定船舶纵倾，或通过相对于当前角度的增减来设定。

TRim distance / [length]

Sets the vessel trim by distance over length.

通过首尾端吃水差和长度比值来设定纵倾值。

参数说明

θ

Trim angle in degrees; positive aft, negative forward. $-90^\circ \leq \theta \leq 90^\circ$.

纵倾角度，以度为单位，艉倾为正，艏倾为负。 $-90^\circ \leq \theta \leq 90^\circ$ 。

distance

Amount of trim over length.

一般指艏艉吃水差值。

length

The length over which the trim distance is measured (default=current LWL length).

长度指艏艉吃水位置的纵向距离，默认为当前的水线长度。

Definition: Trim angle (θ) is normally the angle the waterplane makes with the baseline. (However, the AXIS command may be used to change the heel/trim directions.) $\text{distance} / \text{length} = \tan \theta$

定义：纵倾角度一般指船舶倾斜后水面和基线的夹角。（转轴的定义会改变横倾和纵倾的方向）

Note: The DRAFT command can also be used to set trim.

注意：纵倾也可以通过 DRAFT 命令来设定。

Operation

操作

The trim angle is set as indicated. It may also be set relative to its current value by using the form *±θ. For example,

纵倾可以按照说明来设定，也可以通过相对于当前角度增减值“*±θ”来设定。例如：

TRIM *+2f

moves the trim angle 2 degrees forward from its original value. (Note that no spaces may be included between the asterisk and the number.)

把当前纵倾角度向艏部方向增加 2 度，注意星号*和数值间无空格。

If a distance over length is given, distance is equivalent to a difference of drafts taken length apart (without a wave) only when the heel angle is zero.

如果采用距离和长度的比来设定纵倾，距离是指横倾为 0，且无波浪的条件下，船艏的吃水差。

If distance is given but length is omitted, a length must previously have been defined with the LWL command.

如果给定了距离而省略了长度，长度必须提前通过命令 LWL 定义。

Output:

输出

none.

无

Examples

样例

Setting trim to 3.5° forward:

设定船倾 3.5 度:

TRIM = 3.5F

Setting trim to 0.859° aft:

设定艏倾 0.859 度:

TRIM = 1.5/100

Setting trim to 0.859° forward:

设定船倾 0.859 度:

LWL = 200

TRIM = -3.0/