命令模式

FIx Depth | DRaft | Trim | Heel | Axis
Fixes the indicated attribute at its present value.

锁定指定的属性，使其保持为当前的数值不变。

参数说明

DEPTH or DRAFT
Indicates that the origin depth is to be considered fixed.

锁定原点深度保持不变。

TRIM
Indicates that the trim angle is to be considered fixed.

锁定纵倾角度保持不变。

HEEL
Indicates that the heel angle is to be considered fixed.

锁定横倾角度保持不变。

AXIS
Indicates that the axis angle during RA and MAXVCG command processing is fixed (which is the default behavior unless the VARY AXIS command is done).

在运行 RA 和 MAXVCG 的命令时，锁定转轴保持不变（默认为锁定状态，除非使用了命令 VARY AXIS，使转轴可变）。

Operation

操作

Any combination of attributes may be fixed by separate FIX commands; however, fixing the depth effectively fixes the trim and heel as well.

可以使用多个 FIX 命令来锁定一组属性；然而如果锁定吃水，那么也就锁定了横倾和纵倾。

The program respects fixed attributes with the following exceptions:

下面的几项不支持锁定属性：

1. DEPTH, DRAFT, TRIM and HEEL commands set their respective values even when fixed;

2. RAH command does not respect fixed heel;

3. HS and GHS commands can produce results for various depths even when the depth is fixed.

1，当使用 DEPTH,DRAFT,TRIM 和 HEEL 命令设置属性的数值时，将不考虑对应的属性是否被锁定。

2，当使用 RAH 命令时，将不考虑横倾是否被锁定；

3，当使用 HS 和 GHS 命令时，即使锁定吃水，也同样可以计算出不同吃水下的静水力结果。

The only way to remove the "fixed" designation is to issue a corresponding VARY command.

使用对应的 VARY 命令是唯一解除锁定的方法。

Output:

输出

none.

无

Examples

样例

Running a stability case at constant trim:

锁定纵倾，计算复原力臂：

FIX TRIM

RA 0 10 ... 60

Avoiding needless checking for heel equilibrium:

通过锁定横倾，使得求解平衡的时候忽略横倾角度的求解：

FIX HEEL

SOLVE

Solving for weight:

计算重量：

FIX DEPTH

SOLVE

VARY DEPTH