

命令模式

Status [SUMmary] [DRaft] [Fixed[(name)]] [TANKs] [DISPl] [WEight] [DW] [Lightship [(name)]] [GHs] [PLane | WPI] [LPlane] [CRtpt | FLdpt] [MOMents] [INertia] [FReebd] [GRound] [THrust] [PUII] [DElta] [/VOLUME [:volunit]] [/NOREF] [/NOMINAL] [/RESidual: OFF | ONLY] [/FSM | /TRUEFSM] [/PERMFOOT] [/DEADweight]

Displays status information for all parts of the vessel model.

显示船舶模型所有子模型的状态信息。

Note: Parameters may include optional subparameters BRIef, TOTal and ALL, as specified below (eg. DI:BR); these can be abbreviated by their first two letters.

注意：参数也许会包含可选子参数 BRIef, TOTal 和 ALL，其指定如下（例如：DI:BR）；这些子参数可以缩写为其首两个字母。

参数说明

SUMMARY

Specifies that a compact summary of the current loading condition be shown.

显示当前装载状态的简要总结。

DRAFT

Specifies that the current draft(s) be shown.

显示当前吃水信息。

FIXED [(name)]

Specifies that fixed weights be shown. The optional parenthetical parameter name, which may be up to 12 characters, appears on the Total Fixed Weight output line. May be used with the ALL, BRIEF and TOTAL subparameters.

显示固体重量信息。可选的附加参数 name（不多于 12 字符）将在 Total Fixed Weight 输出行显示。可以连同子参数 ALL, BRIEF 和 TOTAL 一起使用。

TANKS

Specifies that tanks are shown. May be used with ALL, BRIEF and TOTAL subparameters.

显示舱室信息。可以连同子参数 ALL, BRIEF 和 TOTAL 一起使用。

DISPL

Specifies that buoyancy of all displacer parts and ground points be shown. May be used with the BRIEF and TOTAL subparameters.

显示所有排水类子模型和搁坐点的浮力信息。可以连同子参数 BRIEF 和 TOTAL 一起使用。

WEIGHT

Specifies that all weight items, liquid and nonliquid, be shown (same as FIXED and TANKS used together). May be used with the ALL, BRIEF and TOTAL subparameters.

显示所有重量信息，包括液体和非液体（等同于 FIXED 和 TANKS 同时使用）。可以连同子参数 ALL, BRIEF 和 TOTAL 一起使用。

DW

Includes a Deadweight line showing the difference between total displacement and total lightship. By default, DW implies the LIGHTSHIP and DISPL parameters (or LI:ALL if DI:ALL subparameter is used). STATUS DW:BRIEF shows only the **standard header** along with the Deadweight line. Note that STATUS DW differs from STATUS /DEADWEIGHT, which shows "deadweight loaded"; i.e. the weight of everything above light ship.

在总排水量和空船重量之间显示一条载重量线。DW 默认包含参数 LIGHTSHIP 和 DISPL（如果使用子参数 DI:ALL，则同样使用 LI:ALL）。STATUS DW:BRIEF 仅显示标准标题，即载重量线。注意：STATUS DW 和 STATUS /DEADWEIGHT 是不同的，前者显示“装载的载重量”；即：扣除空船重量以外的所有重量。

LIGHTSHIP [(name)]

Shows only light ship weight items. By default, fixed weight items identified with the light ship are lumped into one LIGHT SHIP line, but they are shown separately if the ALL subparameter is used. The optional parenthetical parameter name, which may be up to 25 characters, appears in place of the "LIGHT SHIP" part name; LIGHTSHIP is otherwise ignored if WEIGHT or FIX are present.

显示空船重量信息。被认为是空船重量的固体重量会被默认归类到空船重量行中，但是如果引用子参数 ALL，固体重量则会分开单独显示。附加可选参数 name（不多于 25 字符）将显示在子模型名"LIGHT SHIP"处；如果出现了 WEIGHT 或者 FIX，则 LIGHTSHIP 将被忽略。

GHS

Generates a complete status report including weights, buoyancies and waterplane information. Equivalent to STATUS WEIGHT, DISPL, WPL:TOTAL /NOREF.

生成一个完整的状态报告，包括重量、浮力和水线面信息。相当于命令 STATUS WEIGHT, DISPL, WPL:TOTAL /NOREF。

PLANE or WPL

Specifies that the waterplane information for all immersed parts be shown. May be used with the ALL, BRIEF and TOTAL subparameters.

显示所有浸没子模型的水线面信息。可以连同子参数 ALL, BRIEF 和 TOTAL 一起使用。

LPLANE

Specifies that the lateral plane information for all displacer and SAIL parts be shown. May be used with the ALL, BRIEF and TOTAL subparameters.

显示所有排水类和风帆类子模型的侧平面信息。可以连同子参数 ALL, BRIEF 和 TOTAL 一起使用。

CRTPT 或 FLDPT

Calls for a list of the currently-defined Critical Points and their heights above or below water. May be used with the BRIEF subparameter to show only the lowest Critical Point with respect to the waterplane, or with the special SORT subparameter to show all Critical Points sorted down by increasing height above the waterline.

显示一个表格，标明当前定义的临界点及其水上或水下高度。可以连同子参数 BRIEF 一起使用，从而只显示关于水线面的最低临界点。如果连同特殊子参数 SORT 一起使用，则显示的所有临界点将随其水线面高度进行排序。

MOMENTS

Includes an auxiliary table showing moments of all weights taken about the current center of gravity, or about the origin if the ORIGIN subparameter is used.

增加一个补充列表，显示所有重量相对于当前重心的力矩；如果使用子参数 ORIGIN，则显示相对于原点的力矩。

INERTIA

Includes an auxiliary table showing rotational inertia for all weights and intact tanks about the current center of gravity, or about each item's own center if the OWN subparameter is used. The POINT subparameter treats all items as point weights. Overall gyradius around each axis is also shown if all tanks are intact or frozen. May be used with the TOTAL subparameter to just show inertia and gyradius totals.

增加一个补充列表，显示所有重量和完整舱室相对于当前重心的惯性矩；如果使用子参数 OWN，则显示各项相对于自己重心的惯性矩。子参数 POINT 使得所有项目被认为是点重量。如果所有舱室都是完整的或冻结的，那么也会显示每个轴线的全局惯性半径。连同子参数 TOTAL 一起使用，将仅显示总惯性矩和总惯性半径。

FREEBD

Specifies that the minimum freeboard to deck edge and to the defined margin line be shown. May be used with the ALL subparameter to display freeboards at all station locations.

显示至甲板边缘和设定限界线的最小干舷。可以连同子参数 ALL 一起使用，从而显示所有站位的干舷。

GROUND

Includes the buoyant force calculated for ground points. May be used with the BRIEF and TOTAL subparameters.

显示用于搁坐点计算的浮力。可以连同子参数 BRIEF 和 TOTAL 一起使用。

THRUST

Includes thrust forces. May be used with the BRIEF and TOTAL subparameters.

显示推力。可以连同子参数 BRIEF 和 TOTAL 一起使用。

PULL

Includes pull forces. May be used with the BRIEF and TOTAL subparameters.

显示拉力。可以连同子参数 BRIEF 和 TOTAL 一起使用。

DELTA

Shows the difference between the total weight and the total displacement together with the longitudinal and transverse coordinates of an hypothetical weight item which would make the two balance.

显示总重量和总排水量之差，以及一个使二者达到平衡的假想重量的纵向和横向坐标。

/VOLUME [:volumeunit]

Causes volume to appear instead of load fraction for the tanks. May specify the units of volume. These units also apply to the SUMMARY. See the TC command for a list of the 2- letter volume unit codes.

显示舱室装载的容量，而不是装载百分比小数。可以指定其单位，该单位也将应用到 SUMMARY 之中。单位缩写列表详见命令 TC。

/NOREF

Turns off the Reference Point Height column.

关闭参考点高度列。

/NOMINAL

Forces the display of nominal tank weights or volumes (nominal load fraction x maximum weight or volume), which may differ slightly (due to tolerances) from the actual weights and volumes computed under the current tank conditions. Also makes loads appear as percentages.

强制显示额定舱室重量或容量（额定装载分数 X 最大重量或容量），由于偏差，这将和当前舱室状况下计算而来的实际重量和容量有细微的不同。同时也使得装载以百分比形式出现。

/RESIDUAL: OFF

Omits residual righting arms and external arms from the weight vs. buoyancy section. Note when heeling or trimming moments are in effect, the vessel could be in equilibrium with these moments and STATUS /RES:OFF would still show nonzero righting arms.

忽略来自重力对比浮力的剩余回复力臂和外力臂。注意：当横倾或纵倾力矩有效时，船舶将与这些力矩平衡，并且命令 STATUS /RES:OFF 将仍然显示非零回复力臂。

/RESIDUAL: ONLY

Shows only residual righting arms in the weight vs. buoyancy section.

仅显示重力对比浮力的剩余回复力臂。

/FSM

Causes formal free surface moments to be computed and shown for all slack tanks (except frozen tanks).

计算并显示所有半载舱的理论自由液面矩（冻结舱室除外）。

/TRUEFSM

Causes true free surface moments to be computed and shown for all slack tanks (except frozen tanks).

计算并显示所有半载舱的真实自由液面矩（冻结舱室除外）。

/PERMFOOT

Causes the usual "Permeability override" notices to be omitted and instead appends a note saying "Permeability changes are in effect".

忽略说明"Permeability override", 并附加说明"Permeability changes are in effect".

/DEADWEIGHT

Cause an extra line to appear showing the total of all weights shown in the report except the light ship weight. With STATUS FIXED, only the fixed weights are included in the deadweight figure. Otherwise both tank loads and fixed weights are included.

增加额外一行, 显示报告中不包含空船重量的所有重量的总和。如果使用 STATUS FIXED, 则负载重量表中仅显示固体重量, 否则舱室装载和固体重量都将显示。

Operation

操作

STATUS produces a report showing the status of weights (including tanks), buoyancies (displacements), waterplanes, lateral planes, Critical Points, etc. These categories are selected by means of the various parameters. When issued without parameters, STATUS shows weights and buoyancies only.

STATUS 生成一个表格, 显示重量 (包括舱室)、浮力 (排水量)、水线面、侧平面、临界点等信息的状态。这些数据是由可变参数决定的。当不带任何参数引用时, STATUS 仅显示重量和浮力。

The DRAFT parameter may be used alone to show the current draft(s). It is also useful in combination with parameters which would not normally cause the draft to be shown.

参数 DRAFT 可以单独使用来显示当前吃水。其经常与那些不显示吃水的参数结合起来使用。

/FSM triggers the display of formal transverse free surface moments for all partially-loaded tanks. Formal FSMs are established through the FSM and FSMFLOOR commands. By default, formal FSM is the same as true FSM in the current condition.

/FSM 将显示所有半载舱室的理论横向自由液面矩。理论自由液面矩是通过命令 FSM 和 FSMFLOOR 确定的。默认情况下, 理论自由液面矩等于当前状况的真实自由液面矩。

Similar to /FSM, /TRUEFSM uses true free surface moments even when they differ from formal FSMs.

和 /FSM 类似, /TRUEFSM 使用真实自由液面矩, 即使其与理论自由液面矩不同。

The STATUS WEIGHT command without DISPL along with either /FSM or /TRUEFSM will report a status of all the weight items, liquid and nonliquid, including a report of the C.G. adjustment for the free-surface moments. Additionally, heel and trim angles are transmitted to any subsequent RA /FSM (see the RA command for details).

不引用参数 DISPL, 但引用参数 /FSM 或 /TRUEFSM 的命令 STATUS WEIGHT 将报告所有重量项目 (液体和非液体) 的状态, 并包括经过自由液面矩修正的重心。另外, 横倾和纵倾角度将被传送到任何之后的 RA /FSM 之中 (详见命令 RA)。

Otherwise STATUS changes nothing. In the process of showing the displacement and tank information, there may be some "SOLVING" taking place, but this is only to supply the needed data. Depth, trim, heel, tank loads, etc. are never changed by the STATUS

command. Therefore, the depth must not be undefined when DISPL, PLANE or FREEBD are specified.

除此之外，STATUS 不进行任何改变。在显示排水量和舱室信息的过程中，也许会进行一些“求解”，但这只是为了提供所需要的数据。命令 STATUS 永远不会改变吃水、纵倾、横倾、舱室装载等信息。因此，当指定 DISPL, PLANE 或 FREEBD 时，必须定义吃水状态。

The lateral plane is considered to be the sum of the laterally projected areas of all Displacer and SAIL components (reduced by deducting components) currently within the model. This implies that if a centerline component were replaced by port and starboard components for its two halves, its upright lateral plane contribution would double. "Lateral projection" means the area as viewed in a direction parallel to the waterplane and perpendicular to the baseline. Note that HMMT WIND without /BAND uses this same rule except any shape factors are applied.

侧平面为所有排水类和风帆类部件(通过扣除部件减少)在当前模型范围内的侧面投影面积总和。这使得如果一个居中部件被分为其左半部分和右半部分两个部件时，其垂直侧平面将翻倍。“侧面投影”是指平行于水线面且垂直于基线的视图方向的面积。注意：除非使用了任何形状因子，否则，不引用参数/BAND 的命令 HMMT WIND 也同样遵循这个规则。

Display Output

显示输出

If displacement or waterplane information is involved, the draft is shown first, followed by trim and heel. Fore, aft, and any MP drafts are shown if possible, in which case a separate trim figure is omitted. If tank surfaces are involved, the trim and heel are shown, even if displacement and waterplane are not involved. This defines the waterplane to the extent that it is relevant to the succeeding data.

如果包含了排水量或水线面信息，将首先显示吃水，其后为纵倾和横倾。可以显示艏、艉和任意舦部的吃水，但这种情况下将不会显示单独的纵倾。如果包含了舱室液面信息，即使不包含排水量和水线面信息，也会显示纵倾和横倾。这样定义的水线面范围和以后的数据有关。

The remainder of the status report consists of some combination of the following eleven major categories.

状态报告的其余部分主要由以下 11 方面组合而成。

1) Summary of loading. This is a brief summation of tank loads grouped by contents in terms of the specified volume units (cubic feet or meters by default). Fixed weight items are also summarized. The grouping of weight items can be controlled by capitalizing whole words in the weight item descriptions. Weight items with the same word (or series of words) capitalized are grouped together. Up to 25 groups may be defined in this manner. When ADD PREFIX has been used to define weight item prefixes, weights with the same prefix are grouped together.

1) 装载概要。这是一个简要的舱室装载总结，由指定容积单位（默认为立方英尺或立方米）的舱容成分进行分组。同样也进行固定重量的统计。重量项目的分组由其名称描述的大写的全部字母进行控制。有相同大写字母（或一串字母）的重量项目会被分组在一起。最多

可以定义 25 个这样的组。当使用 ADD PREFIX 来定义重量项目的前缀时，相同前缀的重量将被分组在一起。

2) Weight information. This section is divided into two subsections.

2) 重量信息。该部分又分为两个子部分。

First is shown the light ship weight and all weight items which have been declared with the ADD command. If the BRIEF mode has been specified, weights are grouped as in the SUMMARY section. The ALL mode shows even the items which have zero weight. With the TOTAL mode, all weights are represented by a single line showing the total. The name parenthetical parameter may be included (after the FIXED parameter) to put a more descriptive label on the total line. If name consists of more than one word or is not to be capitalized, it should be enclosed in quotation marks; eg. FIXED("As inclined"). Weight items beginning with "+" are lumped into the light ship (in which case a plus sign is appended: "LIGHT SHIP+"). However if the ALL subparameter is in effect, these items are shown separately.

首先将显示空船重量和由命令 ADD 定义的所有重量项目。如果指定为 BRIEF 模式，则重量按照 SUMMARY 中的规则进行分组。在 ALL 模式中将显示所有项目，即使该项目重量为零。在 TOTAL 模式下，所有重量将由一条横杠表示，并显示其总重。在参数 FIXED 之后可以添加附加说明参数，从而在总计线处增加一个更详细的说明标注。如果说明文字由多个单词组成或不是全部大写，则需要使用引号引入；例如：FIXED("As inclined")。以 "+" 开头的重量项目算作是空船重量（这种情况下，将在末尾附加一个加号："LIGHT SHIP+"）。然而，如果子参数 ALL 处于有效状态，那么这些项目将分别显示。

Then comes the tank status, showing the load in each tank (except those which are empty unless the ALL mode is in effect). If Reference Point Heights are shown, they are relative to the surface of the fluid in the tank. Since the FSM and Reference Point Heights both use the rightmost column, only one or the other can be shown. In addition to weight, loads are normally shown as a fraction of full load. This is replaced by a volume if the /VOLUME parameter is present. In the BRIEF mode, each unique contents description is shown with the total of all tanks having that contents (even if their specific gravities differ). In the TOTAL mode, one line represents all the tanks. In the ALL mode, even empty tanks appear.

之后为舱室状态，显示每个舱室的装载情况（除非处于 ALL 模式下，否则空舱将不显示）。如果显示了参考点高度，则他们将与舱室内液体表面相关。由于自由液面矩和参考点高度都是使用最右边一列，所以只能同时显示其一。舱室内装载的重量通常显示为舱室满载时的小数形式。如果引用参数/VOLUME，则显示容积信息。在 BRIEF 模式下，每个独有的舱容描述都显示含有该舱容成分的所有舱室的总和（即使他们的比重不同）。在 TOTAL 模式下，一条横杠代表了所有舱室。在 ALL 模式下，空舱也会显示。

Tanks of the WDF type appear twice in order to show the individual contributions of the sea water and the lighter liquid on top.

WDF 类型的舱室会出现两次，从而单独显示海水和上面的轻液。

The /NOMINAL parameter makes a slight change in the weights (or volumes) as indicated above. This makes the STATUS report agree exactly with the LOAD EDIT and LOAD STATUS reports which show nominal tank volumes and weights (load fraction x maximum volume or weight). Other indications that nominal weights or volumes are being shown are the word TANKS shown in capital letters in the total line and loads shown as percentages rather than fractions.

参数/NOMINAL 会使以上指定的重量（或舱容容积）发生一点小变化。这使得 STATUS 报告完全参照 LOAD EDIT 和 LOAD STATUS 报告，即显示的是额定舱室容积和重量（装载分数 X 最大舱室容量或重量）。显示额定重量或舱室容积的另一个表现为：总结表处的单词 TANKS 以大写字母显示，并且装载以百分比形式显示，而不是小数形式。

If the /FSM or /TRUEFSM parameter is given, the usual "RefHt" column is replaced by free surface moments. With /FSM, these are nominal values.

如果设定参数/FSM 或 /TRUEFSM，常规"RefHt"列将被自由液面矩所替代。如果引用/FSM，将显示其额定值。

Unless the nominal value happens to be the same as the true value, an asterisk is shown immediately after the FSM value.

除非额定值碰巧和真实值相同，否则在自由液面矩后面会显示一个星号。

- 3) Buoyancy information for all displacer parts (including damaged tanks/compartments and ground points). The optional Reference Point Height column in this section gives the height of each part's reference point relative to the water surface (including any wave) in a direction normal to the waveless waterplane. If BRIEF has been specified, all damaged compartments having the same contents description are combined into one line; likewise, in the event that there is more than one positive displacer part, all displacer parts are grouped together as positive displacer parts; and all ground points are grouped together as total ground reaction. In the TOTAL mode, one line represents all the buoyancy parts.
- 3) 浮力信息包含所有排水类子模型（包括破损液舱/舱室，以及搁坐点）。可选的参考点高度列显示每个子模型在垂直于无浪水线面方向上的关于水表面（包含波浪）的参考点高度。如果定义参数 BRIEF，则所有拥有相同舱容成分的破损舱室将被合并成一行；同样的，在有多个正值排水类子模型的情况下，所有排水类子模型将被合并为正值排水类子模型；并且所有搁坐点将被合并成总搁坐反力。在 TOTAL 模式下，所有浮力类子模型将显示为一行。
- 4) Weight vs. buoyancy. When the model is in a realistic condition, the total weight equals the total buoyancy (within a negligible tolerance). When they are not equal, the discrepancy is shown. When weight and buoyancy are in equilibrium, the righting arms in heel and trim are shown; again, an equilibrium condition would have these nearly zero. When heeling or trimming moments are in effect, the external arms are shown along with the residual righting arms in heel and trim (unless /RES:OFF is present). The weight vs. buoyancy section appears automatically whenever both the weight and buoyancy sections are present.

- 4) 重量与浮力。当模型处于实际状态时，总重等于浮力（包括细小的偏差）。当二者不相等时，将显示其差异之处。当重量和浮力处于平衡时，将显示横向和纵向回复力臂；此外，平衡状态下，该差值几乎为零。当横倾或纵倾力矩有效时，将显示外力臂，以及横向和纵向剩余回复力臂（除非引用参数/RES:OFF）。每当重量和浮力同时出现时，将自动进行重量和浮力的平衡对比。
- 5) Spilling and balance information. All tanks of the SPILLING type which currently have loads less than their nominal load setting (by virtue of their spilling) are shown together with the locations of their spill points. Likewise any tank of the DAMAGED or BUBBLE type where the inside level differs from the outside waterplane have their balance points shown. The Spill Points and Balance Points for these types of tanks are the same as their Reference Points. This section is produced automatically whenever tanks are present from which spilling is taking place or when damaged tanks have levels different from the outside waterplane.
- 5) 溢出和平衡信息。显示所有当前装载小于其额定装载设置（由于它们溢出去）的溢出类舱室，同时还有其溢出点位置。同样的，显示任何内部液面与外部水线面不同的破损类或气泡类舱室的平衡点。这些类型舱室的溢出点和平衡点和它们的参考点是一样的。每当出现发生溢出的舱室或当破损舱室液面与外部水线面不同时，这些信息将自动生成。
- 6) Waterplane information. This section shows all contributions to the waterplane(s) - both the external waterplane (including ground points) and those waterplanes internal to the intact tanks. Those parts contributing to the external waterplane (eg. the hull and damaged compartments) show waterplane area, CF and BM. Those parts having independent waterplanes (intact tanks) show only BM. The total line shows the respective total values, where the BMs normally include the (negative) contributions of the intact tanks. However, if an artificial free surface moment is specified (either /FSM or /TRUEFSM) then a "Free Surface adjustment" to the BMT is shown, and this is used in computing the total. In all cases, the BML total continues to show the true value. An additional line shows weight/unit immersion; if weight & center equilibrium exists (disregarding external moments), then moment to trim and GM are also shown. In the BRIEF mode, tanks and compartments of like contents descriptions are combined. In the TOTAL mode, only the two total lines are shown.
- 6) 水线面信息。显示所有对水线面（外部水线面（包括搁坐点）和完整舱室的内部水线面）产生作用的信息。对外部水线面产生作用的子模型显示水线面面积，飘心和稳心半径。有独立水线面的子模型（完整舱室）仅显示稳心半径。汇总行显示相关汇总数值，其中稳性半径通常包括了完整舱室对其的影响（负值）。然而，如果人为指定一个自由液面矩（/FSM或/TRUEFSM），那么将显示关于横稳心半径的“自由液面修正”，这将用来计算总值。任何情况下，纵稳心半径的总值始终显示其真实值。附加行显示每长度单位浸没时的重量；如果重量&重心平衡（不考虑外力矩），也显示纵向力矩和初稳性高。在 BRIEF 模式下，相同舱容成分描述的液舱和舱室将被合并。在 TOTAL 模式下，仅显示两个汇总行。
- 7) Lateral plane information. Both underwater lateral plane and above-water lateral plane are displayed, the former being on the left hand side of the display. If a part is partially above and partially below the water, it contributes to both. The "center of pressure" or centroid of a part's lateral plane is represented by

longitudinal and height coordinates. The longitudinal coordinate is measured parallel to both the waterplane and the lateral plane and is more positive aft. The height coordinate is the height of the centroid above the waterplane (negative if below).

- 7) 侧平面信息。显示水下和水上侧平面，前者显示在左手边。如果一个子模型一部分处于水下并且一部分处于水上，则其对二者都产生作用。子模型侧平面的“压力中心”或质心由纵向和垂向坐标显示。纵向坐标的量取平行于水线面和侧平面，并且以船艏为正。垂向坐标为质心在水线面之上的高度（水线面之下为负值）。
- 8) Critical Points. Coordinates as well as current heights are shown for all the defined Critical Points. The heights are relative to the water surface (including waves). If the BRIEF subparameter is used, only the "worst" or lowest Critical Point is shown; if SORT is used, all Critical Points are shown sorted down by increasing height above the waterline.
- 8) 临界点。显示所有已定义的临界点坐标以及当前高度。高度为关于水表面的高度（包括波浪）。如果使用子参数 BRIEF，仅显示“最坏”或最低的临界点；如果使用 SORT，所有临界点将随其水线面高度进行排序。
- 9) Weight moments. This section lists all the weights (fixed and tank) with their first moments taken about the total center of gravity, or, if the ORIGIN subparameter is used, about the origin.
- 9) 重量力矩。列出所有重量（固定的和舱室的）关于总重心的一次矩，或者，如果使用子参数 ORIGIN，则为关于原点的一次矩。
- 10) Inertia. This section lists all the weights (fixed and intact tank) with their rotational inertia about axes passing through the vessel center of gravity (or their own centers if the OWN subparameter is used). A total line shows the total weight and inertia about each axis. An additional total line shows each gyradius if all tanks are intact or frozen.
- 10) 惯性矩。列出所有重量（固定的和舱室的）关于贯穿船舶重心的轴的惯性矩（如果使用子参数 OWN，则为贯穿各自重心的轴的惯性矩）。汇总行显示总重以及每个轴的惯性矩。如果所有舱室都是完整的或冻结的，那么附加汇总行会显示各自的惯性半径。
- 11) Freeboard relative to the deck edge. A prerequisite for freeboard information is that the deck edge be "marked" as such in the vessel model. Deck edge marking must be done while building the vessel model with Part Maker or Model Converter. If the deck edge is thus known, the minimum freeboard is shown for the present condition. If the "ALL" subparameter is included, then a table of freeboards vs. station location is shown. Additionally, a "margin" or minimum freeboard can be specified when building the model. If margin information is present, the freeboard with respect to the margin is also shown.
- 11) 关于甲板边缘的干舷。显示干舷信息的前提是在船舶模型中“标记”了甲板边缘。当使用 Part Maker 或 Model Converter 进行船舶建模时，必须进行甲板边缘标记。如果甲板边缘通过此方法已知，则显示当前状态下的最小干舷。如果引用子参数 ALL，则显示一个列

出各站干舷值的表格。此外，建模时，可以指定“边缘”或最小干舷。如果引用了限界线信息，那么也会显示关于该限界线的干舷。

Nondisplay Output

无显示输出

none.

无

Examples

样例

Buoyancy and weight (including tanks) status report:

浮力和重量（包括舱室）状态报告：

STATUS

Weight, buoyancy and waterplane status - briefly:

重量，浮力和水线面的简要状态：

STATUS WEIGHT: BRIEFDISPL: BRIEFPLANE: BRIEF

The lowest critical point only:

仅显示最低临界点：

STATUS CRTPT: BRIEF

Tanks only, showing Free Surface Moments:

仅显示舱室自由液面矩：

STATUS TANKS /FSM

Fixed weights with a special label:

特殊标记的固定重量：

STATUS FIXED("Light Ship")

Weight moments about the origin:

关于原点的重量矩：

STATUS MOMENTS:ORIGIN

Rotational inertia and gyradius:

惯性矩及惯性半径：

WEIGHT * /BOX: 100, 15, 10 `evenly distribute inertia over Light Ship box` 使惯性矩
均布在空船中

TYPE (*) INTACT `ensure tanks are intact to show gyradius` 保证舱室完整来显示惯
性半径

STATUS INERTIA

Ground points:

搁坐点状态:

STATUS GROUND

The "works":

"works"状态:

STATUS SU WE:ALL DI PL LP FR:ALL MO IN CRT /FSM