命令模式

FILL [file1] [(part\component)] [/MAXGAP%: gap%] [/@: loc]

Modifies a Geometry File by filling in the inter-station gaps found in a particular shape; then reads the new file and uses it as the current geometry.

对模型文件中某形状的指定区域的横剖线进行加密，然后读入新文件并将其作为当前模型文件。

Note: This command requires the Model Converter module.

注意：这个命令需要 MC 模块。

参数说明

file1

The Geometry File to be modified (default=last read).

将被修改的模型文件（默认为最近读入的文件）。

part\component

The component whose shape is to be filled (default=first part component).

形状将被加密的构部件名称（默认为第一个子模型构部件）。

/MAXGAP%: gap%

Specifies the maximum gap size as a percentage of the overall length of the vessel.

以模型全长百分比的形式指定最大的横剖线间距。

/@: loc

Specifies a location at which to add a new station.

在指定的位置加入新的横剖线。

Note: The maximum acceptable inter-station gap is 5% of the overall length.

注意：最大可接受的横剖线间距为模型全长的 5%。

Operation

操作

The FILL command applies the Model Converter to the task of adding stations to reduce the size of inter-station gaps found in a certain shape.

FILL 命令可以调用 MC 模块，对指定形状的指定位置增加横剖线，来减小横剖线间距。

The most common use of this command is to reduce the inter-station gap sizes in a Geometry File which has failed in that respect during the read process.

通常使用此命令的状况为，读入模型文件失败后，用此命令减小模型文件的横剖线间距。

In such a case, it is only necessary to give the FILL command without parameters, and it will automatically modify the shape in question.

这种情况，只需要输入不加任何参数的 FILL 命令，它会自动修改有问题的模型中的形状。

After the FILL command has been used and the Geometry File has been successfully read, the DISPLAY command should be immediately issued to visually verify the accuracy of result. If any inaccuracies appear, they can be readily corrected by means of the SE command.

使用命令 FILL 并成功读入模型文件后，应立刻使用命令 DISPLAY 来检查结果的准确性。如果模型有任何偏差，可以通过 SE 模块中的命令进行修正。

FILL can also be used to add one station (by interpolation) at a given location. The location is specified through the /@ parameter. The units of length used in giving the location must be the same as the units which are specified in the Geometry File. For example, a Geometry File which specifies meters will cause metric units to appear at the lower right on the screen when it is read.

可以通过命令 FILL 在指定的位置添加横剖线。用子参数/@来指定位置。指定位置所用的单位必须和模型文件所用单位相同。例如：当模型文件使用米做单位时，读入模型后，米制单位（例如：METRIC TONS METERS）会显示在主程序窗口的右下方。

Examples

样例

Filling the inter-station gaps in a Geometry File which has failed to read:

加密读入失败的模型文件：

FILL

DISPLAY

Adding a station at 125 forward the forecastle of a certain Geometry File:

对模型文件某构部件的形状，在 125F 处增加一横剖线：

FILL CERTAIN.GF (HULL\FOCSLE.C) /@:125F