



## Inclining Test - Guidelines

The test will take around two hours and will require the help of one or two people. The vessel must be loosely moored in an area with no tide or swell and on a calm day, if there is a wind the vessel should be head to wind.

Only those involved in the inclining should be aboard during the experiment and when not involved be positioned on the centreline.

All tanks to be pressed full with no trapped air or completely empty.

All bilge water removed

The vessel should ideally be in lightship condition with all permanently carried weights and ballast aboard. All temporarily equipment such as tools, trestles, welding units etc. should be removed.

A list of all equipment still to be put aboard prior to going to sea, together with weights and position is required.

Four groups of inclining weights are required, two port and two starboard, as far outboard as possible (roughly as below). Each weight should be certified with a certificate from a test centre or weigh bridge. The weights must heel the vessel at least 1.5 degrees and each pendulum measurement must be at least 15mm.

