



STABILITY QUESTIONNAIRE LARGE YACHT

In order that stability submissions can be processed in an efficient manner avoiding unnecessary delay and cost, we need to ensure that our independent computer definition is based on the same datum lines as the submission. This questionnaire should be completed (noting that the required dimensions on the included sketch are to be provided) and returned to Ensign along with the following minimum information at an early stage of construction.

- GENERAL ARRANGEMENT DRAWING
- PROFILE & DECKS DRAWING showing the positions of all watertight divisions.
- LINES PLAN which is to include a body plan.
- TANK PLAN (with volumes and centres of gravity and dimensions showing the positions of all tank boundaries – longitudinal, transverse and vertical)
- TABLES OF HYDROSTATICS (Covering operational draught/Displacement and trim range)
- TABLES OF KN's (Covering operational draught/Displacement and trim range)
- CRITICAL KG CURVE covering operational draught/Displacement and trim range)

A copy of the model Simplified Stability Information book may be downloaded from our website:
www.mcga.gov.uk/ensign.

The dimensions indicated on the attached sketch are to be inserted as appropriate. If it is more convenient to indicate any of the information below on a drawing, please reference and attach.

Vessel Name <input type="text"/>	Name of any sister yacht (MCA Certificated). <input type="text"/>
Length Overall (LOA) <input type="text"/>	Length Between Perpendiculars. (LBP) <input type="text"/>
Loaded Draft (Extreme). <input type="text"/>	Moulded Beam. <input type="text"/>
Depth At Midships. <input type="text"/>	Thickness Of Keel. <input type="text"/>
Thickness Of Deck Plate At Side Amidships. <input type="text"/>	Thickness Of Shell. <input type="text"/>
Frame Spacing. <input type="text"/>	<input type="text"/>
Position Of Aft Perp. (relative to a frame). <input type="text"/>	Position Of Fore Perp. (relative to a frame). <input type="text"/>
Position Of Horizontal Computer Baseline / Datum From Which Vertical Distances Are Measured. <input type="text"/>	
Position From Which Hydrostatic Draughts Are Measured (i.e. Baseline, Underside Of Keel etc.) <input type="text"/>	



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Details Of Appendages Included And Excluded From The Stability Hull Definition e.g. Sea-Inlet Boxes, Thruster Tunnels, Deck Sheathing, Rudders etc.

Appendage	included	excluded

Assumed Extent Of Weathertight Structure included in the Calculation of KN Curves.

Down-flooding Points, as required by the Stability Criteria.

Unprotected			
Description	X (m)	Y (m)	Z (m)

Weather-tight			
Description	X (m)	Y (m)	Z (m)

Definition Of Trim (i.e. Relative To Computer Baseline, Rake Of Keel etc.)

Stability Criteria used (only complete if additional or different to the MCA Large Commercial Yacht Code)



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Is yacht to be considered as a Short Range Yacht?

Damage Stability Criteria Used. (only complete if additional or different to the Large Yacht Code)

Number of Jacuzzi, position and capacity

Position	Capacity

Ships Name / Yard No.

Name:

Signed:

Company:

Date:



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