

# IYRU Measurement Instructions

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## 1. Introduction

These Measurement Instructions supersede and replace the Measurement Instructions booklet previously published by the Union. Much of the information in that publication was advice to the measurer and this has now been included in the IYRU Measurement Manual. These Measurement Instructions, therefore, include only those parts of the old booklet, which can properly be described as 'instructions'. It should be noted that some items have been changed since the publication of the previous booklet.

## 2. General

### 1. Axes of Measurement

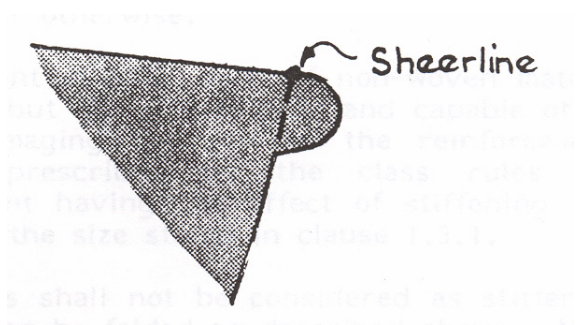
1.1 A number of words such as fore, aft, above, below, height, depth, length, beam and freeboard acquire a precise meaning in measurement as they are all taken to refer to a hull in normal trim. Unless specifically required by the class rules to be taken in another way, all measurements denoted by these, or similar words shall be taken parallel to one of the three major axes of the hull - vertical, horizontal or transverse - related to the waterline, and the fore and aft centreline of the hull.

1.2 Where a measurement is to be taken "from A to B" the straight line distance joining A to B shall be measured whether or not the line is parallel to an axis.

1.3 Width, thickness, length, etc. of a component shall be measured as appropriate for that component, without reference to the hull axes.

### 2. Definitions

2.1 Sheerline: The sheerline is the intersection of the lines of the top of the deck and the outside of the skin, projected if necessary.



2.2 Height of sail plan: The height of the sail plan shall be measured along the mast and not as a vertical, even if there, is considerable mast rake.