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DEFINITIONS ONLY

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APPENDIX 1 IRC Measurement Definitions and Abbreviations

Measurement Note: ISAF Equipment Rules of Sailing (ERS) Part II, Definitions, shall apply to measurement except as stated by IRC Rules or this Appendix. Measurements shall be taken in accordance with ERS Part III, Measurement Rules, Section H.

Terminology: A term used in its defined sense is printed in "**bold**" type if defined in the ERS. Any abbreviation given below is used in IRC Rules in its defined term unless specified otherwise.

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| Age Date | The year in which the boat was first launched, or the year in which the boat was re-launched following hull modification, whichever is the later. |
| Batten | Any material added to the sail , as either a removable element, permanent stiffening, or other contrivance, the purpose of which is to support and/or stiffen the sail . |
| BO | The longitudinal distance between the foremost point on the hull and the foremost point of the waterline. |
| Dayboat. | A Dayboat is defined as a boat which cannot meet any of Categories 0 to 4 of the Offshore Special Regulations. The Rating Authority reserves the right to re-classify any boat without stating a reason. |
| E | The outer point distance of a mainsail (or in the case of a schooner , a foresail). The outer limit mark shall be permanently marked by a 25mm band of contrasting colour. If there is no band the measurement shall be taken to the aft end of the boom. |
| EY | The outer point distance of a mizzen (or in the case of a schooner , a mainsail). The outer limit mark shall be permanently marked by a 25mm band of contrasting colour. If there is no band the measurement shall be taken to the aft end of the boom. |
| FL | The forestay length measured from the forward end of J to the higher of either: <ul style="list-style-type: none">(a) the forestay rigging point, or:(b) if a headsail may be set forward of the forestay, the intersection of the spar and the lower edge of the halyard used to hoist the headsail, when at 90° to the spar, extended as necessary. |
| h | The vertical distance between the waterline and the lowest point on the stem at a tangent of 45° to the longitudinal axis. |
| Headsail | RRS 50.4 shall not apply. Any sail tacked down forward of the foremost mast which does not meet the definition of a <u>spinnaker</u> . |
| HHB | The widest top width of any <u>headsail</u> on board. |
| HHW | The half width of the largest area <u>headsail</u> . |
| HSA | The maximum permitted <u>headsail</u> area. |
| HTW | The three-quarter width of the largest area <u>headsail</u> . |
| HWJ | Heavy weather jib. A <u>headsail</u> of area not greater than 13.5% foretriangle height squared, and without reef points. |
| J | The longitudinal distance between the intersection of the fore side of the mast spar , extended as necessary, and the deck including any superstructure; and the most forward point on the deck, or a centreline bowsprit spar , to which a <u>headsail</u> may be tacked, projected if necessary. |
| LH | Length of Hull. |

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| LL | The luff length of the largest area <u>headsail</u> on board. |
| LLmax | The longest luff length of any <u>headsail</u> on board. |
| LLY | The longest luff length of any mizzen staysail. |
| LP | The luff perpendicular of the largest area <u>headsail</u> on board. For a cutter rig , LP is measured as the shortest distance from the aftmost clew point of any <u>headsail</u> when set on the centre line of the boat , to the foremost forestay . |
| LPY | The longest luff perpendicular of any mizzen staysail. |
| LWP | Waterline length. (LH – BO – SO). |
| Measurement Condition | As defined by Rules 17.1 & 17.2 |
| MHW | The half width of the mainsail . |
| MTW | The three-quarter width of the mainsail . |
| MUW | The upper width of the mainsail , the upper point being the point on the leech equidistant from the three-quarter leech point and the head point . |
| P | The distance between the mainsail (in the case of a schooner , the foremast sail) upper limit mark , which shall be permanently marked by a 25mm band of contrasting colour, and the top of the boom when set at right angles to the mast , or the mainsail tack point whichever is lower, on the mainmast (in the case of a schooner , the foremast). If there is no band the measurement shall be taken to the top bearing surface of the halyard shackle. In the case of a gaff rig, the upper measurement point is the peak point of the mainsail or the head point of the topsail if on board. |
| PY | The distance between the mizzen (in the case of a schooner , the mainmast sail) upper limit mark which shall be permanently marked by a 25mm band of contrasting colour, and the top of the boom when set at right angles to the mast , or the mainsail tack whichever is lower, on the mizzenmast (in the case of a schooner , the mainmast). If there is no band the measurement shall be taken to the top bearing surface of the halyard shackle. |
| Rating Authority | As defined in rule 4.1. |
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| RORC | The Royal Ocean Racing Club |
| Series Date | The year in which the first boat of the class or production series was launched. |
| SF | The foot length of the largest area <u>spinnaker</u> on board. |
| SHW | The half width of the largest area <u>spinnaker</u> on board. |
| SLE | The leech length of the largest area <u>spinnaker</u> on board. |
| SLU | The luff length of the largest area <u>spinnaker</u> on board. |
| SO | The longitudinal distance between the aftmost point on the hull and the aftmost point of the waterline . |
| SPA | The maximum permitted <u>spinnaker</u> area. |
| Spinnaker | RRS 50.4 shall not apply. A <u>spinnaker</u> is defined as a sail set forward of the foremost mast with half width (measured as a spinnaker) equal to or greater than 75% of foot length and without <u>battens</u> . |

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| STL | The length of the longest spinnaker pole , whisker pole or bowsprit measured on or near the centre line of the boat from the forward face of the mast spar to the extremity of the spinnaker pole , whisker pole or bowsprit , or the horizontal length from the forward face of the mast spar at deck level to the spinnaker tack point on deck projected vertically as necessary, whichever is the greatest. |
| Storm Jib | A <u>headsail</u> of area not greater than 5% foretriangle height squared, luff length not greater than 65% of foretriangle height , and not containing aromatic polyamides, carbon or similar fibres. |
| UNCL | L'Union National pour la Course au Large. |
| Wingspan | The maximum horizontal width in any transverse section of any wings attached to any hull appendage . |
| x | The horizontal distance between the waterline and the lowest point on the stem at a tangent of 45 ⁰ to the longitudinal axis |
| y | The vertical distance between the aftmost point on the hull and the aftmost point of the waterline . In the case of a counter stern, projected to the aftmost point of the hull . |
| END | |