

HUNTER CLASS MEASUREMENT FORM

This form is to be used in conjunction with the Hunter Class Rules and Measurement Diagram.

FOR THE USE OF APPROVED CLASS MEASURERS ONLY

The measurement Templates provided by the association are as follows:

- 1 Rudder Template
- 1 Transom perpendicular Template
- 1 Boom Circle
- 1 Spinnaker boom circle

1. a) Name of Builder _____
- b) Name of Yacht _____
- c) Number of Yacht _____
- d) Name of Owner _____
- e) Address of Owner _____
- f) Name of Measurer _____

2. IDENTIFICATION MARKS

Rule 5.1 Is the sail number clearly marked on the top of the keel Casing? YES/NO

3. CONSTRUCTION

Rule 6.1 Have the hull and deck been produced from approved moulds? YES/NO

Rule 6.2 Are the hull and deck mouldings unmodified? YES/NO

Rule 6.3 Gunwale rubbing strake: - Width: 35mm ± 10mm _____
Thickness: 15mm ± 5mm _____

Rule 6.3 Does the gunwale rubbing strake extend unbroken from within 50mm of the bow and transom? YES/NO

Rule 6.4 Are the hull and deck constructed without the use of exotic fibre materials? YES/NO

4. HULL MEASUREMENT

Rule 7.1 Are the hull and deck moulds approved by the association? YES/NO

Set up the transom perpendicular and with reference to measurement diagram

4, record the following measurements from the aft perpendicular:

Rule 7.3	The length overall – 5760mm ± 25mm	_____
Rule 8.6	To the aft end of the keel at its intersection with the Transom – 2215mm ± 15mm	_____
Rule 10.1	To the forestay and headsail tack position – between 5550mm and 5750mm	_____
	Forestay	_____
	Tack	_____
Rule 10.2	To the main shroud tangs – 3360mm ± 50mm	_____
Rule 10.5	To the backstay tangs – max. 200mm	_____
Rule 11.1	To the front of the mast – max. 3535mm/ min. 3305mm	_____

5. KEEL

Rule 8.1	Is the keel manufactured from fine grain cast iron, cast from a pattern approved by the association?	YES/NO
Rule 8.2	Does the keel shape conform to Diagram 1?	YES/NO
Rule 8.3	Record the mass of the keel – min. 350kg	_____
Rule 8.4	Does the keel treatment conform to Rule 8.4?	YES/NO
Rule 8.5	Record the maximum projection of the keel from the underside of the GRP hull measured parallel at 2610mm from the stern perpendicular – max. 710mm	_____
Rule 8.7	Does the Keel conform to rule 8.7?	_____

6. RUDDER AND TILLER

Rule 9.1	Is the rudder manufactured from wood and/or GRP only?	YES/NO
Rule 9.2	Using the template provided, record the gap between the Rudder blade and the template – max 6mm	_____
Rule 9.3	Record the thickness of the rudder blade below the Waterline – max 16mm.	_____
Rule 9.4	Record the centreline of the rudder bearings aft of the Transom – max 25mm	_____

7. FITTINGS

Rule 10.3	Record the distance between the centrelines of the main Shroud attachment points and the lower shroud attachment points – max 450mm	_____
Rule 10.3	Are the lower shroud tangs behind the main shroud tangs?	YES/NO
Rule 10.4	Is the inner forestay attached to the centreline of the deck?	YES/NO

Rule 10.6	Are the centrelines of the headsail fairlead fittings and their Tracks within the outer 50mm of the confines of the deck (excluding rubbing strake)?	YES/NO
Rule 10.7	Record the length of the mainsheet traveller track, if fitted – Max 1200mm	_____
Rule 10.8	Do the toe straps if fitted conform to the requirements of Rule 10.8	YES/NO
Rule 10.9	Are all fixed fittings in accordance with Rule 10.9 a-z?	YES/NO
8.	<u>MAST POSITION</u>	
Rule 11.2	Is the fore and aft position of the mast at deck level fixed?	YES/NO
9.	<u>MAST</u>	
Rule 12.1	Is the mast of aluminium alloy extrusion with a fixed groove Or track?	YES/NO
Rule 12.1	Is the section constant for the entire length of the mast?	YES/NO
Rule 12.2	Record the sectional dimensions athwartships - 70mm ± 10mm	_____
Rule 12.2	Record the sectional dimensions fore and aft - 90 mm ± 15mm	_____
Rule 12.4	Are the mast bands distinctively coloured, not less than 15mm wide?	YES/NO
Rule 12.4	Record the distance from the base of the mast step to the Upper edge band No. 1 – min. 550mm	_____
Rule 12.4	Record the distance from the base of the mast step to the Lower edge band No. 2 – max 6190mm	_____
Rule 12.4	Record the distance from the base of the mast step to the Upper edge band No. 3 – 3050mm ± 50mm	_____
Rule 12.5	Is the maximum projection of the spinnaker boom attachments fittings less than 10mm from the mast?	YES/NO
Rule 12.6	Is there one set of spreaders only, attached to the mast above the lower shrouds within 100mm of band No. 3?	YES/NO
10.	<u>STANDING AND RUNNING RIGGING</u>	
Rule 13.1	Does the standing rigging comply with Rule 13.1?	YES/NO
Rule 13.3	Is the backstay attached to the mast crane?	YES/NO
Rule 13.5	Record the length from the base of the mast step to the extension of the line of the spinnaker halyard, when held taut at rights angles to the mast – max. 6500mm	_____

Rule 13.7	Does the line of the forestay, both main shrouds and backstay intersect the mast above the lower edge of Band No. 2?	YES/NO
Rule 13.8	Do the inner forestay and lower shrouds intersect the mast within 100mm of Band No. 3?	YES/NO
11.	<u>MAIN BOOM</u>	
Rule 14.1	Is the boom of aluminium alloy?	YES/NO
Rule 14.2	Is the boom band distinctively coloured, not less than 15mm wide?	YES/NO
Rule 14.2	Record the length from the forward edge of the boom band To the aft side of the mast, including the groove or track - Max 2260mm	_____
Rule 14.3	Does the boom section pas through the 100mm circumscribing circle?	YES/NO
12.	<u>SPINNAKER BOOM</u>	
Rule 15.2	Record the overall length, including fittings – max 2300mm	_____
Rule 15.3	Does the spinnaker boom section pass through the 75mm circumscribing circle?	YES/NO
13.	<u>MASS</u>	
	Record the mass in accordance with Rule 16.1 a-g	MASS = _____ kg
	Record the mass of correctional masses:	CORRECTION = _____ kg
Rule 15.2	Record the overall mass (MASS + CORRECTONS) =	_____ kg
Rule 15.3	Are the correctional masses, if required, of metal or wood and permanently fixed under the cockpit seats?	N/A / YES / NO
14.	<u>SAILS</u>	
	Do the sails comply with : - Rule 17.2	YES/NO
	- Rule 17.3	YES/NO
A.	Mainsail	
Rule 17.4 a-c	Does the class emblem and sail numbers comply with rule 17.4 a-c?	YES/NO
Rule 17.5 a	Record the number of battens in the mainsail – max 4	_____
Rule 17.5a	Do the battens divide the leech of the sail into equal parts ± 150mm.	YES/NO

Rule 17.5a Record the “MUW” and pocket position on leech, which is measured as follows: the distance from the “head point” down the leech to centreline of the top batten pocket shall not be less than 1240mm or greater than 1290mm. At 1240mm from the “head point” at the leech, the Upper Width (MUW) shall not exceed 830mm.

Position of top batten on leech _____ / _____ **MUW**

Rule 17.5b Record the length of the top max 830mm and bottom batten max 530mm _____ / _____

Rule 17.5b Record the length of the centre batten(s) max 575mm _____ / _____

Rule 17.5c Record the width of the headboard measured at Right angles to the luff – max 150mm and 150mm long along the luff. The shape shall be approximately triangular in shape. _____

Rule 17.5d Record the leech length – max 6045mm _____

Rule 17.5e Record the half width – max 1500mm _____

Rule 17.5f Record the foot median – max. 5950mm _____

Rule 17.5h Record the total area of the window/s, if fitted – Max 1m² _____

B. Headsails

Rule 17.6 a i) Record the following dimensions for the genoa

Luff - max 6600mm _____

Leech - max 6350mm _____

Foot - max 3300mm _____

Rule 17.6a ii) Record the following dimensions for the blade

Luff - 6600mm _____

L.P* - 2100mm _____

*Luff Perpendicular (Clew to luff maximum measurement)

Optional: Use of 3 battens, of 400mm length each, positioned evenly spaced up the leech. Cloth: 240gm pm² : Tolerance: 75mm

Rule 17.6a iii) Record the following dimensions for the jib.

Luff – max 5800mm _____

Leech – max 5150mm _____

Foot - max 2450mm _____

Rule 17.6a iv) Record the following dimensions for the storm jib.

Luff -	max 4050mm	_____
Leech -	max 3000mm	_____
Foot -	max 1950mm	_____

Rule 17.6b Do all the headsails comply with rules 17.6b ,c,d
Battens and headboards prohibited, except for blade? YES/NO

Rule 17.6e Does the genoa have a window of one window in
the lower third of the sail? YES/NO

Rule 17.6d Record the total area of the window/s – min 0.25m²
Max 1.0m² _____

C. Spinnakers

Rule 17.7a Does the spinnaker comply with rule 17.7a YES/NO

Fold the spinnaker along its centreline with the leeches together as per Rule 17.7b

Rule 17.7c Record the length of the leeches measured in accordance
With rule 17.7c – max 6500mm _____

Rule 17.7d Record the half width of the foot measured in accordance
With 17.7 – max 2000mm _____

Rule 17.7e Record the length of the half height width from leech to
Centreline measured in accordance with 17.7d max 2000mm _____

15. PROHIBITIONS

Rule 20 Do the hull, deck, standing and running rigging comply with
Rules 20.1 to 20.7 – prohibitions? YES/NO

16. DECLARATION BY MEASURER

If "No" has been answered to any statement, or any measurement does not comply
With the rules, please note discrepancy below:

I, _____ hereby declare that I have measured Hunter
Sail Number: _____ (Sail number), Name: _____ (proposed
Name) and find that it conforms* / does not conform* to the Hunter Class Association Rules.

Signed on _____ (date) of _____ (month), _____ (year)

(Signature of measurer)

* Delete not applicable.