

CASTLE 650 CLASS RULES

(REVISED FEBRUARY 2000)

1. General

- a. The class shall be known as the "CASTLE 650" trailable yacht.
- b. The intent of these rules is to ensure that all yachts racing as castle 650's conform to one set of rules so that success in class racing shall be largely dependant on the skill and expertise of the skipper and crew.
- c. The Castle 650 is a registered design owned by the designer S.Douglas trading as YachtWorks.
- d. A Castle 650, whilst racing, shall conform to the measurement rules as detailed by the Castle Owners Association.
- e. It is, at all times, the owners responsibility to ensure that their Castle 650 and all its equipment comply with these class rules.

2. Measurement

- a. Any measurement discrepancies shall be referred to the Castle Owners Association.
- b. The above paragraph notwithstanding, S.Douglas shall retain the right to vary the class specifications for commercial reasons.
- c. All boats may be subject to measurement at the discretion of the Castle Owners Association.
- d. Dispensation may be given by the Committee for any measurement discrepancy that, in their opinion does not infringe the intent of these rules.
- e. The method of measurement shall be as laid down in the current V.Y.C. rules.
- f. The hull, deck and centrecase shall be as supplied by YachtWorks or their appointed agents. All other parts and equipment to comply with class rules.

3. Centreplate

- a. The centreplate shall be as supplied by YachtWorks. The method of raising and lowering is unrestricted.
- b. A lockdown device is mandatory (a pin through the centrecase is considered satisfactory).
- c. During racing, the centreplate shall be locked down.

4. Rudder

- a. The rudder blade shall be as supplied by YachtWorks.
- b. Stock design and material are unrestricted.
- c. Swing and drop configurations are permitted.

5. Mast and Rigging

- a. The minimum mast section shall be those dimensions used by YachtWorks.
- b. The mast materials are unrestricted.
- c. The standing rigging shall be of wire rope of 3mm minimum diameter.
- d. A band of contrasting colour, no less than 12mm wide, shall be permanently affixed to the top of the mast to indicate the maximum extremity of the mainsail hoist.
- e. The lower edge of the band shall be a maximum of 7825mm from the boom when the boom is set perpendicular to the mast.
- f. The mast crane length shall be a maximum of 300mm, measured from the aft surface of the mast and the centre of the hole used for the attachment of the backstay.
- g. The backstay is a part of the designed rigging and shall be in place whilst racing.
- h. Mast and rig dimensions shall be as the rig plan issued by the designer. All dimensions shall be taken as maximum.

6. Boom

- a. The section and material is unrestricted.
- b. A band of contrasting colour, no less than 12mm wide shall be permanently affixed to the boom to indicate the maximum extremity of the mainsail foot from the aft surface of the mast.
- c. The forward edge of this band to be no more than 2950mm from the aft surface of the mast.
- d. The maximum length of the boom, measured from the aft surface of the mast, shall be 3050mm.

7. Spinnaker Pole

- a. The maximum length, including fittings, shall be 2410mm.

8. Sails

- a. The maximum complement of sails, while racing, shall be no more than 5 sails, comprising 3 headsails, 1 main and 1 spinnaker. Additionally, storm sails may be carried at all times.

9. Mainsail

- a. Mainsail maximum dimensions shall be as per the sail plan issued by the designer (except those determining the position of the top batten, these are the minimum measurements). All measurements shall be made in a straight line with the sail unstretched, and smoothed out flat, and will include luff slugs and/or bolt ropes.
- b. All mainsails shall carry the official Castle insignia. It shall be red and its dimensions shall be as those shown on the YachtWorks sail plan.

10. Headsails

- a. Three headsails (excluding stormsail) may be carried.
- b. No headsail shall exceed the maximum dimensions shown on the sailplan for a number one headsail.
- c. Luff and leech measurements shall be taken from the top extreme of the head to the sail edge below the tack and clew respectively.
- d. Foot measurements shall be taken from the sail edge adjacent to the tack to the sail edge adjacent to the clew.
- e. L.P.G. measurement shall be taken perpendicular to the luff, from the extremity of the clew, to the luff, including any tape or wire on the luff.

11. Spinnaker

- a. The spinnaker shall be symmetrical in shape and construction about its centreline.
- b. The spinnaker shall be measured folded at its vertical centreline about which it must be symmetrical. The maximum measurements shall be those shown on the sail plan issued by the designer.

12. Weight

- a. The minimum weight shall be 766kg. The boat shall be weighed in a condition dictated by the current V.Y.C. rules.

13. Options

The following devices are permitted:

- a. Boom vang
- b. Cunningham downhaul
- c. Spinnaker sheet and brace barber haulers
- d. Flattening reef for mainsail

14. Prohibitions

The following devices are not permitted:

- a. Any equipment extending outboard the gunwale to support the crew.
- b. Outriggers for sheeting sails
- c. Rotating masts
- d. Rig tensioning devices capable of adjustment whilst racing (excluding backstay).

15. Safety Items and Mandatory Equipment

Current A.Y.F. and V.Y.C. requirements for trailable yachts shall apply in all races conducted for or by this class.

Revised 9/2/2000