

AUSTRALIAN NAUTIC 12 Class ASSOCIATION.
Rating Rules. 2007

Terms in this document: “Shall” means you must do to comply. “May” means permissive.

SECTION 1.

HULLS / DECKS.

All hulls shall have the decks fitted before they leave the Manufacturer.

All hulls shall be made from an authorized NAUTIC 12 manufacturer OR the authorized NAUTIC 12 manufacturer for Australia.

Any alteration of the hull or deck whether by cutting, drilling, sanding or filling with any material to change the contours in anyway, except painting shall be refused a rating certificate.

All hulls shall have the rudder fitted prior to delivery. A replacement rudder can be fitted in case of loss or damage to the rudder only.

Hulls and decks shall be of a sound construction.

The minimum weight of the bare hull weight shall be 1.850 kg with a maximum of 2.05 kg.

All hull and decks shall be made in fiberglass using gelcote, polyester resin and 3/4oz. chop strand mat only.

A Manufacturer's nametag shall be affixed to the inside of the hull permanently. It shall be viewed from the hatch opening. It shall contain the name of the hull manufacturer and the hull's sequential number.

SECTION 2.

WEIGHT OF YACHT.

The weight of the yacht all up in 'racing trim' including batteries shall not be less than 11.5 kgs nor more than 11.7 kgs Maximum.

The keel ballast material shall be lead. A corrector weight/s is recommended if small adjustments need to be made to the ballast but these corrector weights shall be fixed permanently in position and shall be noted by the measurer.

SECTION 3.

MAST.

All measurement in this section shall be maximum measurements and unless otherwise stated are subject to a tolerance of – 5 mm.

HEIGHT OF MAST.

Maximum 1830 mm high mast measured from the deck. Measurement includes mast crane.

One or two sets of spreaders may be used. They shall not protrude further out than a half beam (either side) of the hull at mast position.

The forestay take - off point shall be measured from the deck and it shall be 1498 mm up the mast.

The mast crane length may be 85 mm long maximum.

The mast shall be constructed of aluminium and it shall be grooved to take a bolt rope main sail luff attachment.

The mast shall not be tapered.

There shall be two stays on each side of the yacht consisting of Uppers and lowers.

A jenny strut may be used on the mast. It shall be maximum of 50 mm x 75 mm.

The gooseneck shall not be less than 75 mm off the deck. Measured from the bottom of the Main boom.

The mast shall have at least one backstay and may be operated by remote control.

Mast controls that shall only be adjusted manually are: Gooseneck/ vang, Jib leach control, main sail cunningham, sail flow controls, mast prop /compression strut, jenny strut wires.

There may be a 'counter weight device' to help the jib to 'goose wing' down wind.

DECK ATTACHMENTS.

Deck attachment of stays shall be for one main set stays and may have one or two sets of lowers supporting stays each side.

Deck attachment of stays on each side of the mast is open to personal preference. However, the chain plates or deck eyes shall not to be more than 10mm from the inner side of the hull.

The mast shall be deck stepped, compression posts or mast props are permitted.

Permanently bent masts are prohibited.

SECTION 4.

BOOMS.

All measurement in this section shall be maximum measurements unless otherwise stated are subject to a tolerance of -5 mm

Booms shall be constructed of Aluminium.

Main Boom shall be a maximum length of 585 mm and the Jib boom shall be a maximum length 508 mm.

Only rack and swivel type jib boom attachment is permitted on the foredeck.

SECTION 5.

RADIO CONTROL EQUIPMENT.

A four channel radio may be used and may use the following servo operating functions up to a maximum number of four these are: Sail winch (main / jib).

Rudder.

Back stay.

Jib trim.

Batteries: The yacht shall sail with the battery weight as measured and noted.

SECTION 6.

SAILS.

All sails shall be as per the Sail Plan Drawing FIGURE 2. This plan is part of the rating rules of the NAUTIC12 class and consist of either "A" rig or "B".

The Sail Plan shall consist of not more than one Mainsail and one Headsail.

Quarter, half and three quarter widths shall not exceed the dimensions given in the diagram plan drawing in FIGURE 2.

All Main sails shall be fitted with a bolt-rope or equivalent.

The Headsail luff overlap pocket shall not exceed more than 25mm in width.

All sails shall be made of polyester based material (Dacron, Mylar, Terylene) and may be single or multi paneled construction.

Corner reinforcements, broad seam reinforcements and batten pockets are unrestricted as to material.

Batten Limits:

The Main sail shall have four battens and they shall be spaced approximately at an equal distance apart down the leach of the main sail with five spaces in between the battens.

IDENTIFICATION NUMBERS.

The National numbers shall be preceded by a KZ or a KA as an example. Which ever is applicable?

In countries where there are Personalized Numbers, the personalized letters and numbers shall be in the colour red. All other than personalized letters and numbers shall be in the colour black. Letters and numbers shall be Starboard side higher.

The Main sail shall have a class identifier in the shape of two sails near the top of the Main sail. (As per FIGURE 2).

An Owners flag or Club pennant may be displayed from the backstay. It shall be measure 50mm X 50mm maximum and it may be noted on the Measuring Certificate.

DECK HARDWARE:

The Mainsail sheet post shall have a maximum height from deck of 70mm. No minimum height of sheet post.

There shall be no sheet travelers / carriages permitted.

The winch drum/s may be mounted on the deck or under the deck.

BUMPER:

A bumper shall be used in accordance with National rules.

The yacht shall display its registration numbers on its main sail only.

NOTE # If an Item is not mentioned in these Rating Rules, then it shall not be used.

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