

SPARS

9.1 MAST

- (a) The mast shall be made of all timber or aluminum.
- (b) A timber mast shall be made in accordance with the design on sheet 7 of the plans with the section between the hounds and a point 948mm above the deck at mast base being 83mm X 64mm (-3mm +6mm).
- (c) An aluminum mast shall be Comalco section E7658 or equivalent having a section between the hounds and a point 948mm above the deck at mast base of 76 (+3.5 -3)mm X 60(+4-3)mm. Circular sections are not permitted.
- (d) The mast may be tapered above the hounds.
- (e) Black (or contrasting color) bands shall be painted on the mast such that the lower edge of the upper black band shall be 6110mm above the deck at mast base and the upper edge of the lower black band shall be 471mm above the deck at mast base. The luff of the main sail shall not extend beyond the stated edges of the black bands.
- (f) The weight of a timber mast including rigging and fittings shall not be less than 10.4kg
- (g) The weight of an aluminum mast including rigging and fittings shall not be less than 9.5kg.

9.2 MAIN BOOM

- (a) The main boom shall be made of timber or aluminum having a major diameter of not less than 63mm nor more than 108mm.
- (b) A boom vang attachment may be fitted provided it is secured between 635mm and 711mm from the aft side of the bolt rope groove on the mast.
- (c) A black (or contrasting color) band shall be painted on the boom with its inner edge 2667mm from the aft side of the bolt rope groove on the mast. The foot of the mainsail must not extend beyond this edge.

9.3 SPINNAKER BOOM

- (a) One spinnaker boom made of either timber or aluminum with minimum diameter of 32mm is permitted.
- (b) The effective length measured forward from mast to working surface of outer fitting when rigged shall not exceed 2600mm.
- (c) Spinnaker boom fittings and associated control systems are optional.
- (d) The spinnaker boom shall be attached to the mast at a point not less than 471mm nor more than 776mm above the deck at mast base.

RIGGING

10.1 STANDING RIGGING (see Schedule 10)

- (a) Material and gauge are optional but shall be at least equivalent in strength to that shown in Schedule 10.
- (b) The mast shall have one pair of shrouds and one forestay. The upper ends of the shrouds shall be attached to the mast not less than 4459mm nor more than 4510mm above the deck at the mast base. The lower ends of the shrouds shall pass through a bush on the side decks, the center of which is not less than 2616mm nor more than 2667mm forward from the aft side of the transom and no more than 70mm inboard of the outside of the hull and shall be securely attached to the fore seat knees or similar anchorage.
- (c) A timber mast must be fitted with either diamond stays or shroud spreaders. These are optional if the mast is aluminum.
- (d) Diamond stays, if used, shall be connected to the mast at the hounds led over a cross-tree not less than 533mm nor more than 584mm long located between 2427mm and 2478mm above the deck at mast base and reconnected to the mast at a point between 446mm and 497mm above the deck at the mast base.
- (e) Shroud spreaders if used shall be connected to the mast at a distance between 2427mm and 2478mm, above the deck at mast base and shall not deflect the shroud by more than 51mm from the normal position when the mast is stepped without sails.

10.2 RUNNING RIGGING

- (a) Material and gauge is optional.
- (b) The mainsail, jib and spinnaker halyards may each be led either outside or inside the mast.
- (c) The jib halyard sheave shall be attached to the mast not less than 4281mm nor more than 4434mm above the deck at mast base.
- (d) The spinnaker halyard sheave shall be attached to the mast not less than 4611mm nor more than 4662mm above the deck at mast base.

SAILS

11.

- (a) General - A suit of sails shall comprise jib, mainsail and spinnaker. Colored peaks on jib and mainsail are a distinguishing feature of the class and must be included.
- (b) Only one suit of measured sails may be used throughout a National or State Championship series except that a Race committee may approve the replacement of a sail lost or damaged to the extent that its efficiency is seriously impaired.
- (c) Sail measurements shall be taken with sails spread on a flat surface and under sufficient tension to remove wrinkles along the line measured. Datum point is from the tack unless otherwise defined. Measurements are straight lines except where otherwise specified. The width measurements of the mainsail at nominal half height and three quarter height positions are taken at the distances shown above the tack and at right angles to the luff.
- (d) The sails are to be made of woven material except for optional unwoven transparent panels in jib and/or mainsail. Such a panel shall not exceed 0.3sqm in area and shall be positioned so that no edge is closer than 150mm to the luff, leech or foot.

11.1 JIB OR FORESAIL

- (a) The plan and measurements for the jib are shown as Schedule 7 to these rules.
- (b) The jib shall be white sailcloth except for a triangle peak colored on both faces from the head 1,000mm (+/-100mm) down the leech and thence extending to the luff at approximately 90 degrees.

11.2 MAINSAIL

- (a) The plan and measurements for the mainsail are shown as Schedule 8 to these rules.
- (b) The mainsail shall be white sailcloth except for a triangle peak colored on both faces extending from the head 1,500mm (+or-100mm) down the leech and thence extending to the luff at approximately 90 degrees.
- (c) The mainsail may have stiffening, which shall consist of a headboard not more than 114mm wide plus three battens. The batten pockets shall divide the leech into four approximately equal parts, none of which shall exceed any other by more than 305mm.
- (d) The top pocket shall run through from leech to luff and shall not be more than 1,219mm long. The lower pockets shall not be longer than 914mm.
- (e) The material for battens is optional.
- (f) The class insignia (a black E turned on its back) measuring approximately 437mm wide X 305mm high with 76mm sections shall be placed below the Coloured peak on each side of the sail. The insignia may be placed back to back.
- (g) The registered number of the yacht shall be placed on each side below the insignia in black figures approximately 305mm high X 76mm section. The number of the starboard side being placed higher than the port side.

11.3 SPINNAKER

- (a) The plan and measurements for the spinnaker are shown as Schedule 9 to these rules but note that a spinnaker which is to be used at a National Championship series prior to 1987/88 shall comply with the plan and measurements shown as Schedule 9 to these rules.
- (b) The spinnaker is to be symmetrical about its centerline and may be of any color or combination of colors.

- (c) (deleted).
- (d) The measurement across the width of the spinnaker be measured after folding the head to the clew as per the standard IYRU method, rather than attempting to construct an imaginary line at 90 degrees to the centreline fold. That the maximum cross width found by folding the head to the clew and smooth free of wrinkles, be a maximum of 1600mm measured along the fold.

REGISTERED NUMBER

12.
 - (a) The registered number is issued by the National Registrar and permanently identifies each yacht thereafter.
 - (b) The registered number shall be permanently affixed to the hull in numbers not less than 19mm high in the following positions: -
 - (i) for all timber hulls it shall be carved into the top of the hog between centerboard case and transom.
 - (ii) for G.R.P. Composite and G.R.P. Sandwich laminate hulls it shall be indented in the transom beam.
 - (iii) For all glass hulls it shall be fixed to the centerline of the floor near the transom and covered with transparent fiberglass.

INTERPRETATION

13. In translating and interpreting these rules it shall be understood that the word "shall" is mandatory and the words "can" or "may" are permissive.

CHANGES TO THE RULES OF MEASUREMENT

14. In accordance with the rules of the National E Sailing Association Inc. changes to any component of the rules of measurement shall require a notice - on - motion at a general meeting of all members.