

January 1, 2011

J

AMYA Class Specifications for the J Class Model Yacht

1. GENERAL

- 1.1. The J Class Model Yacht is a restricted design model yacht class. The purpose of these rules is to create a class that represents the spirit and beauty of the original J Class Yachts as they sailed in the 1930s. In that vein the hull and deck must be as close to the original as possible in shape unless otherwise specified in the rules
- 1.2. The boat, not the skipper is entered into events. Changing skippers during an event shall be permitted.
- 1.3. As necessary, interpretations of the Class Specifications may be requested from the Class Secretary. When issued, interpretations shall be communicated to all class members through the AMYA Quarterly magazine and the J Class web site.
 - 1.3.1. Interpretations are to be temporary to allow class members to challenge them and call for a class vote using the annual AMYA ballot to accept or reject a specific interpretation.
 - 1.3.2. Interpretations not challenged within one year of issue shall become permanent and incorporated in any subsequent revisions of these specifications.
- 1.4. Line Drawings
 - 1.4.1. Line drawings in 1/16 scale by Serrao, Taglang, Chevalier, Maine Maritime Museum and M.I.T. are accepted by the class as being within the level of accuracy required.
 - 1.4.2. Line drawings not listed above shall be submitted to the Class Secretary for approval.

2. HULL

- 2.1. Hulls shall be a scale model of the yachts listed in the chart in section 10.
- 2.2. Scale shall be $\frac{3}{4}$ " equals one foot, also known as 1/16 scale. The exception being the 5/8" scale Whirlwind, which was produced by Vanguard and Whirlwind Model Yachts.
- 2.3. Exception: The keel draft may be two inches deeper than scale. This additional 2" shall be added to the bottom of the original keel as drawn and shall be fair with the lines of the original hull as drawn. (wings, bulbs, widening of the keel etc. shall not be permitted)
- 2.4. Centerboards scaled to original dimensions shall be permitted.
- 2.5. Hull material is not restricted.
- 2.6. Minimum bare hull weight shall be 9 pounds. Hulls built and registered with the Class Secretary before 1/1/2011 shall be exempt from this requirement.

3. DECK

- 3.1. The deck shall only be constructed from a hard material such as wood, fiberglass (which may have a wood core), and/or Formica.
- 3.2. Fabric & film decks are not permitted.
- 3.3. The deck sheer line shall be a fair and continuous curve.
- 3.4. Original topical deck structures, furniture and fittings may be omitted.

4. RUDDER

- 4.1. Rudder shall conform to the original boat from which it was scaled.
- 4.2. Exception: The rudder may be two inches deeper to follow an extended keel and two inches wider to provide extra maneuvering control.
- 4.3. There are no material restrictions on the rudder.

5. RIG

- 5.1. A spar shall be all aluminum, all wood, or a composite of wood with an interior reinforcing core of any material. The exterior of a composite reinforced mast shall be uniformly wood.
- 5.2. Mast height may be to scale of the yachts original sail plan, not to exceed 10 feet.
- 5.3. Booms
 - 5.3.1. Booms shall be either a scaled version of the boom used on the full size boat or linear without a permanent bend or curve.
 - 5.3.2. Jib booms, including counter weights, shall not extend beyond the bow. In the case of a boat whose original design includes a bow sprit, the jib boom shall not extend past the bow sprit.
- 5.4. There are no material restrictions on rigging as defined by the Equipment Rules of Sailing.
- 5.5. Rotating masts or "swing rigs" are prohibited.

6. SAILS

- 6.1. Sail area limits are defined in the chart in section 10.
- 6.2. Any sail plan used by the original boat from which the model was scaled, i.e.: double head sails, genoa, spinnakers, etc. may be used.
- 6.3. Spinnakers shall be unmeasured sail area.
- 6.4. Self-tacking jibs may be used in place of original foresail plan.
- 6.5. Sail Roach
 - 6.5.1. Main sail roach shall not exceed 3".
 - 6.5.2. Foresail roach shall not exceed 2".
 - 6.5.3. The head of each sail shall not exceed 1.5".
 - 6.5.4. The roach of each sail shall be a fair and continuous curve from head to clew.
 - 6.5.5. Sails built before 1/1/2011 shall remain legal.

7. WATERLINE

- 7.1. Required load waterline length is defined in the chart in section 10.
- 7.2. Once measured for an event, no alterations shall be made that alter the waterline length, draft or displacement, except as noted in Section 7.4.
- 7.3. For events where the waterline length, draft and/or displacement are not measured, alterations shall not be made after the first race except as noted in Section 7.4.
- 7.4. Notwithstanding Section 7.2 & 7.3 jib boom counterweights may be adjusted or changed at any time.

8. RADIO FUNCTIONS

- 8.1. There are no restrictions on the scope or the amount of radio functions.

9. OPTIONAL ITEMS

- 9.1. Radial jib fittings may be utilized.

10. YACHTS

Original	Sail Area	LWL			
		Measured at ready to sail weight			
		Minimum	Maximum		
Shamrock	4241	60.81	62.81		
Weetamoe	4247	62.25	64.25		
Yankee 1934	4100	62.25	64.25		
Whirlwind	4128	64.50	66.50		
Whirlwind 5/8"	3440	53.75	55.75		
Enterprise	4265	60.00	62.00		
Velsheda	4242	62.25	64.25		
Endeavor	4253	63.00	65.00		
Rainbow	4238	61.50	63.50		
Endeavor II	4243	65.25	67.25		
Ranger	4245	65.25	67.25		
Yankee 1937	4248	65.25	67.25		
For purposes of this rule, S&S 77A-F shall follow Ranger's measurements.					
Converted					
Britannia	4248	65.16	67.16		
Astra	4218	57.16	59.16		
Cambria	4288	56.25	58.25		
Candida	4234	59.58	61.58		
Resolute	4248	62.00	64.00		
Katoura	3930	56.25	58.25		
White Heather II	4992	56.50	58.50		
Vanitie	5313	56.25	58.25		
Unbuilt					
John Alden Project	4248	60.75	62.75		
Wasa/Svea	4262	65.33	67.33		
Frank Payne Project	4248	66.16	68.16		