

International i550 Class Rules
Effective 6/15/07

1.0 Intent

- 1.1 It is the intent of this rule to provide a level basis for sportboats of equal design within the bounds of the i550 Sportboat rule.
- 1.2 Anything not expressly prohibited in this rule, is allowed.

2.0 Materials

- 2.1 Hull must be of a laminated plywood/glass or plywood/carbon construction.
- 2.2 Type and weight of glass, carbon and ply is optional.
- 2.3 Keel may be constructed of any material.
- 2.4 Materials with a density greater than lead are prohibited.

3.0 Dimensions

- 3.1 LOA to be a max of 214" +/- 2".
- 3.2 Beam at station 124 at deck level will be 89.6" +/- 1".
- 3.3 Beam at station 124 at chine will be 45.82" +/- 1".
- 3.4 Beam at station 214 at deck level will be 95" +/- 1".
- 3.5 Beam at station 214 at chine level will be 47.5" +/- 1".
- 3.6 Forward Freeboard Station (Sta 000) will be 27.30" +/- 1" (measured from chine to deck edge perpendicular to centerline of yacht).
- 3.7 Middle Freeboard Station (Sta 124) will be 27.96" +/- 1" (measured from chine to deck edge perpendicular to centerline of yacht).
- 3.8 Aft Freeboard Station (Sta 214) will be 18" +/- 1" (measured from chine to deck edge perpendicular to centerline of yacht).
- 3.9 Keel profile and chord are optional, however, maximum chord is not to be greater than 2" and maximum profile is not to be greater than 13.75".
- 3.10 Maximum length of keel from bottom of hull to bottom of keel bulb at deepest point is not to be greater than 49.6".

4.0 Design

- 4.1 Minimum weight of hull, keel and rig is 800lbs.
- 4.2 Max keel weight is 185lbs. Minimum keel weight is 150lbs.
- 4.3 Coachroof is optional (however mast length is still limited by the Rig measurement rules).
- 4.4 Keel bulb is required.
- 4.5 Keel bulb shape is optional.
- 4.6 Keel may be fixed, or retractible.
- 4.7 Chines may be rounded in nature, however a reasonable attempt should be made to ensure all hull panels make contact along the chine.
- 4.8 Rudder may be of any profile, and shape desired.
- 4.9 Dual rudders are allowed.

5.0 Rig Measurements

- 5.1 Spar section and material is optional.
- 5.2 Maximum length of mast is 305".
- 5.3 Maximum boom length is 108".
- 5.4 Bow sprit may be attached by any means available.
- 5.5 Max length of bowsprit is 58".
- 5.6 Standing rigging and number of spreaders (rig configuration) is optional.
- 5.7 Max hoist of jib is 240".
- 5.8 Max J measurement is 89.5".
- 5.9 Roller furling is optional.
- 5.10 Sail area is limited only by rig dimensions.

6.0 Safety

- 6.1 The yacht must carry an appropriate anchoring device and line
- 6.2 The yacht must carry an appropriate tow line of not less than 50'
- 6.3 The crew shall only extend outboard of the deck of the yacht, while feet are attached in hiking straps, or inside of affixed lifelines.
- 6.4 A white light should be carried onboard.
- 6.5 A bucket of no less than 2 gallons should be carried onboard.
- 6.6 A throwable flotation device should be carried onboard at all times.