

RATING FORMULA: $0.9 \left(\frac{L\sqrt{S}}{L+\sqrt{S}} + \frac{\sqrt{D}}{4} \right)$ not to exceed 5.5 m or 18.04 ft.

Actual measures	Rule limits
<p>LENGTH L FOR RATING</p> <p>Overall length L.O.A.</p> <p>Bow overhang to L1</p> <p>Stem overhang to L1</p> <p>Total overhang</p> <p>Measured length L1</p> <p>Girth at bow</p> <p>Twice vertical height at bow (=0.550 m or 1.804 ft.)</p> <p>Bow girth difference</p> <p>Girth at stem</p> <p>Twice vertical height of stem</p> <p>Stem girth difference</p> <p>1/3 stem girth difference</p> <p>Length L for rating formula</p>	<p>9.508</p> <p>0.975</p> <p>1.135</p> <p>2.110</p> <p>7.398</p> <p>0.727</p> <p>0.580</p> <p>subtract</p> <p>0.177</p> <p>1.754</p> <p>1.085</p> <p>subtract</p> <p>0.669</p> <p>div. by 3</p> <p>0.223</p> <p>add</p> <p>7.798</p>
<p>SAIL AREA FOR RATING</p> <p>Largest headsail = $0.5 \times \frac{7.80}{(luff)} \times \frac{2.441}{(perp)}$</p> <p>Main sail = $0.5 \times \frac{3.749}{(H)} \times \frac{10.250}{(B)}$</p>	<p>9.520</p> <p>19.214</p> <p>add</p> <p>28.734</p> <p>5.360</p> <p>min. see next page</p> <p>min. 26.5 m² or 285.0 sq. ft. (rule 7)</p> <p>max. 29.0 m² or 312.0 sq. ft.</p>
<p>DISPLACEMENT</p> <p>Weight of yacht (date when weighed)</p> <p>Displacement D = weight div. by 1025.21 kg/m³ or 64 lbs/cu. ft.</p> <p>$\sqrt[3]{D}$</p>	<p>1930</p> <p>1.883</p> <p>1.235</p> <p>min. 1.7 m³ or 60.27 cu. ft. (rule 7)</p> <p>max. 2.0 m³ or 70.62 cu. ft.</p>
<p>RATING</p> <p>Rating calc'd according to formula</p> <p>3 x tumble home excess</p> <p>FINAL RATING</p>	<p>5.499</p> <p>0</p> <p>add</p> <p>5.499</p> <p>(rule 14)</p>