

III.—MEASUREMENT.

1. Yachts (except in the 22-foot Knockabout Class) shall be rated by racing measurement, which shall be determined by adding together the load water line length, the beam, .75 of the girth, .5 of the square root of the sail area, and dividing the sum by 2.

Formula :

$$\frac{L.W.L. + B. + .75 G. + .5 \sqrt{\text{Sail Area.}}}{2} = R. M.$$

Yachts in the 22-foot Knockabout Class shall be rated for classification by racing length, which shall be determined by adding to the load water line length the square root of the sail area, and dividing the sum by 2.

Formula :

$$\frac{L.W.L. + \sqrt{\text{Sail Area.}}}{2} = R. L.$$

2. The load water line length shall be the distance in a straight line between the points furthest forward and furthest aft, where the hull, exclusive of the rudder stock, is intersected by the surface of the water, when the yacht is afloat in racing trim in smooth water, with any person or persons who may be aboard when the measurement is being taken, stationed amidships.