

Reporting committee: **MEASUREMENT COMMITTEE**

STORM SAILS MEASUREMENT AND AREA CALCULATION

PROPOSAL

In IMS Part G – Sails mention should be made of how Storm Sails are measured, with a graphic, how their areas are calculated, and an area calculator.

RATIONALE

All the other types of sails and how they are measured are already in the IMS rules. For Storm Sails reference is made only to OSR 4.27 and without a diagram. The formulas for Storm and Heavy Weather Jib area calculations could be simplified: for example, instead of $0.255 \times \text{luff length} \times (\text{luff perpendicular} + 2 \times \text{half width})$, this could be simplified to $2 \times \text{half width} + \text{luff perpendicular} \times \text{luff length} \times 0.255$

This makes the calculation with a simple calculator (such as on a mobile phone) much easier. It should be a simple task to add to the rule book or ORC's web page a calculator for all Storm sail areas.