

## Equipment Rules of Sailing

### H.5.4 – Sail Measurement extended as necessary

A submission from the Royal Yachting Association

#### Purpose or Objective

To define a consistent method of identifying corner points for sail measurement which is consistent with the ISAF Sail Measurement Course as promoted through the ISAF IHC Scheme.

#### Proposal

To add new ERS H.5.4 – Extended as necessary to read as follows:

#### ERS H.5.4 – Extended as necessary

A number of rules in Part, Section G, include the words, “extended as necessary” referring to a sail edge when determining a sail corner measurement point. If there is local curvature and/or irregularity in the sail edge leading into a corner point, the extension of the sail edge shall be found as follows using a batten as specified in H.5.4(e) :-

- (a) Hold the batten at its very ends with one end approximately where the **corner point** will be and the other end touching the **sail edge** being extended.
- (b) Apply compression to the batten to produce a uniform curve when required.
- (c) If the batten does not replicate the sail edge shape exactly, move the end of the batten at the **corner** away from **sail** until the longest possible length of the batten touches the **sail edge**.
- (d) Where this technique does not provide a repeatable **corner point**, ERS H.1.2 shall apply.
- (e) Battens shall be of a specification approved by ISAF unless otherwise specified in class rules.
- (f) Class Rules may vary ERS H.5.4

#### Current Position

As above.

#### Reasons

1. Formatting used does not replicate the ISAF requirement due to ERS terminology in bold. All additional text is shown as underlined only.
  2. ISAF have promoted its Guide to Sail Measurement and subsequent ISAF Sail Measurement
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Course to all MNA's adopting the ISAF In-House Certification Scheme.

3. The above technique is employed by any In-House Official Measurer within a licenced loft for sails built for classes adopting the ERS and invoking IHC within their class rules.
  4. The above technique may not necessarily be employed by other official measurers or equipment inspectors which has led to an inconsistency in sail measurement and has led to sails of different sizes being certificated.
  5. By promoting the consistent technique as promoted by ISAF within the ISAF Sail Measurement Course within the Equipment Rules of Sailing, it is hoped to remove the ambiguity into how the term "extended as necessary" may be interpreted and allow for consistent measurement points to be determined.
  6. By specifying the already used ISAF Sail Measurement Courses consistent and repeatable method within the Equipment Rules of Sailing, will remove the current ambiguities in how the term "extended as necessary" may be interpreted and allow for consistent measurement points to be determined.
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