



2.4mR TC ADVICE 2026

2.4mR HEADSAIL CLEW POINT

BACKGROUND

The 2.4mR TC has been asked for advice regarding the headsail clew point definition. Is the headsail clew point determined as illustrated in the following photograph?

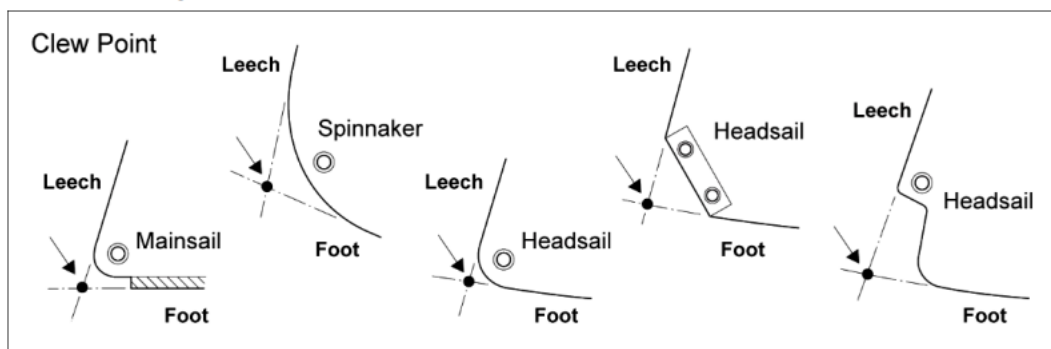


REFERENCE

ERS G.4.1 Clew Point - advises that the clew point is the extension of the foot and leech extended as necessary to bridge a rounded corner.

G.4.1 Clew Point

The intersection of the **foot** and the **leech**, each extended as necessary to bridge a cut-out or a rounded corner.



ERS H.5.4 Extend as necessary - advises that where there is a rounded corner in the **sail edges** at the **clew** the **corner point** shall be found by extending the sail edges as necessary to bridge to rounded corner.

H.5.4 Extended as necessary

When there is a cut-out or rounded corner in the **sail edges** at the **clew, tack, peak, throat, spinnaker head** or an **aft head point**, the **corner point** shall be found by extending the sail edges as necessary to bridge the cut-out or rounded corner.

WS Measurer's Manual; , 2017 K.2.1 Corner measurement points (ERS G.4) advises as follows:
Note WS Measurer's Manual is dated January 2017 however the current ERS H.5.4 is similar.

In all cases, it is important to extend only the part of the sail edge close to the corner: using a very long batten in a small sail may lead the measurer to extend the straighter middle part of a jib foot and not the curved part near the corner: Figure 2.1.4.a gives such an example, on a sail that has a smoothly curved foot edge near the corner and a straight middle part, and only needs a short extension to account for the cut-out luff wire tabling (Figure 2.1.4 b).

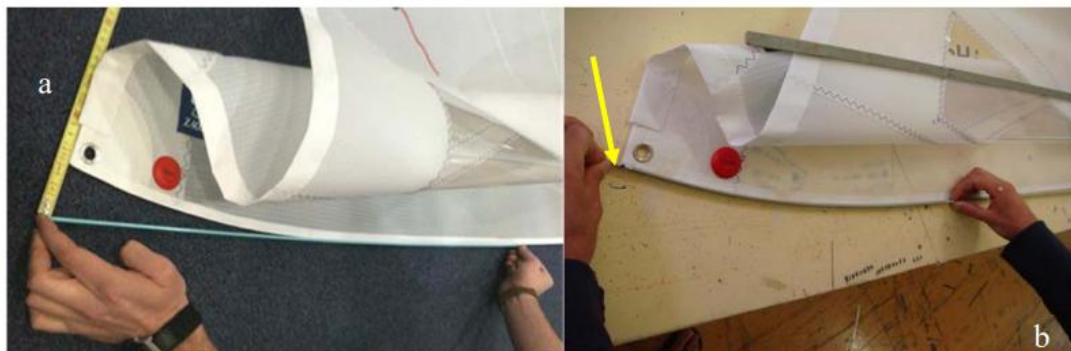


Figure K.2.1.4 a&b: *Extending the foot edge with batten.*

Measurers must always remember that the ERS **sail corner measurement point** definitions are not intended to introduce a sail edge shape restriction and do not require the part of a sail edge to be extended to have a specific shape. In the case of a **foot**, the ERS provide the **foot irregularity** and **foot median** definitions that a class may use to control sail area and shape.

ADVICE

The 2.4mR TC has reviewed the applicable class rules, ERS and World Sailing measurement manual and understands that the headsail clew point is determined as follows:

Headsail clew points are determined with the use of short battens to bridge the rounded corner ignoring the straight middle part of the headsail. The headsail foot sail edge shape is controlled by the foot median definition.

Peter Russell
2.4mR ICA Technical Committee

