



## WIDE HEADFOILS – RIG FACTOR

Extra wide headfoils are considered to be a way to gain 'free' un-measured sail area, and are therefore covered by IRC rule 21.2.2 (red highlight added):

21.2.2 RF may be increased for: fractional, racing and lightweight rigs, high aspect ratio and efficient plan forms, wing and double luff **sails**, specialised **sail stiffening**, exotic sailcloth materials, large headboards/cranes, permanently bent or highly controllable **spars**, hi-tech rigging, exotic rig materials, advanced winch and deck gear arrangements, flush/efficient deck design, and **any other feature which increases sailing efficiency that is not already rated through the rated dimensions.**

An example is a boat fitted with a partially fabric foil with a luff groove on the trailing edge, measuring a total of 75mm compared to a sistership's standard 40mm foil.

The IRC Technical Committee has agreed the following:

Measurers and owners shall report the maximum dimension in millimetres of any luff groove device that is greater than 1 mm per  $0.0033 \times LH^*$ . The maximum dimension is measured at right angles to its longitudinal axis.

\*As a simple and practical first check only this approximately equates to 1 mm per 1 ft LH.

IRC Technical Committee  
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