



Interpretation 2016 - ORC - 1

## INTERPRETATION ON THE IMS AND ORC RULES 2016

Interpretation requested by the Danish Sailing Federation regarding the **mainsail** with additional part of sail cloth at the top as on the picture below. When the **mainsail** is in use, additional part of the sail cloth is folded as on the picture on the right keeping by that the **mainsail** below the **upper limit mark**. The question is how such a sail is measured and how is rated by the VPP.

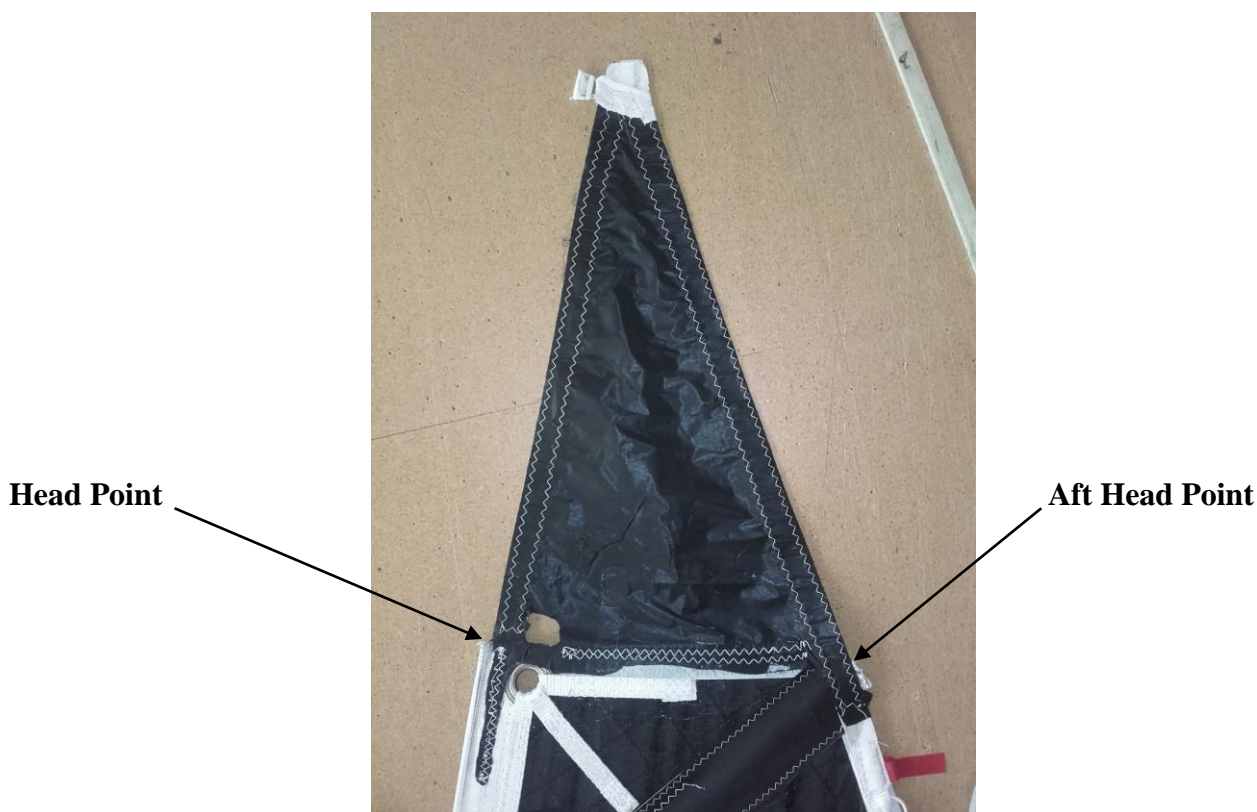


ORC Rating systems introduction defines the use of IMS (International Measurement System) as a measurement platform for the calculation of the VPP (Velocity Prediction Program). VPP is designed to follow as close as possible actual sail configuration in calculations of boat's theoretical speeds. Mainsail area and center of effort height are calculated from the mainsail width measurements (*MHB*, *MUW*, *MTW*, *MHW*, *MQW*) while **mainsail luff** and **foot** are measured through the rig measurements *P* and *E*. VPP calculations assume that **mainsail luff** does not exceed the distance between the **lower** and the **upper limit marks**.

The additional part of the **mainsail** on the picture above when folded is not in use and

- a) artificially raises the heights on which mainsail widths are taken to calculate the mainsail area and center of effort height
- b) decreases the mainsail width measurement from those on the mainsail as actually used

Use of the **mainsail** as in the method described above is causing incorrect VPP calculations giving an unfair advantage. Therefore, **head point** and **aft head point** shall be taken in relation with the point on which the **mainsail** is hoisted.



Any sail measured with the **head point** higher than the point where the mainsail is hoisted, shall be re-measured and certificate shall be re-issued in accordance with ORC rule 303.6(a)

04. 07. 2016.

Nicola Sironi  
ORC Chief Measurer

*In accordance with IMS Rule A6 and ORC Rating Systems Introduction this interpretation is published and taken with immediate effect. It shall be deemed final unless and until overruled by the ORC Management Committee and Congress. If not objected it will be included in the next rule revision as appropriate rule amendment.*