

# OFFSHORE RACING CONGRESS

*World Leader in Rating Technology*

*Secretariat:*  
c/o Vivian Rodriguez  
Casella Postale 21  
07026 Porto Rotondo (OT), Italy



Tel. +39 347 6029085  
Fax: +39 0789 398034  
secretariat@orc.org

[www.orc.org](http://www.orc.org)

Minutes of the **Measurement Committee** meeting held on November 3rd, 2014 in Palma de Mallorca, Spain, hotel Gran Melia Victoria

**Present:** Nicola Sironi (Chief Measurer), ITA  
Jean Louis Conti (deputy Chief Measurer) FRA  
Per Boeymo NOR  
Robert Jacobsen GER  
Boris Hepp GER  
Pablo Ferrer ESP  
Dan Nowlan USA  
Michiel Woort NED  
Dimitris Dimou GRE  
Joakim Majander FIN

**Observers:** Zoran Grubisa CRO  
Paolo Massarini ITA  
Paolo Luciani ITA  
Emanuela Luciani ITA  
Gennaro Aveta ITA  
Alessandro Nazareth ITA  
Patrick Lidqvist FIN  
Emilio Feliu ESP  
Rafa Bonilla ESP  
Chris Theodossis GRE  
Maria Spirideli GRE  
Dina Sfakianaki GRE  
Yannis Kalatzis GRE  
Stan Honey USA

Chuck Hawley USA  
Dina Kowalyshin USA  
Steve Benjamin USA  
Bruce Birgman USA  
Pedro Rodrigues POR  
Veiko Rosme EST  
Ab Pasma NED  
Roy Van Aller NED  
Peter de Jong NED  
Paulo Roberto Guichard Freire BRA  
Henry Thorpe GBR - ISAF  
Mikael Qvist DEN  
Hyo-Kyung Jang KOR

## SUBMISSIONS

### ARG 1 – Use boom for inclining

The Committee agreed to support the wording of the ITC Minutes, and include in the Rule wording this procedure, but specifying that the method is to be considered as “secondary”, and justified by the size of the boat, or the unavailability of poles, and not become a new standard.

### ESP 1 + GER 7 – Measurement of upper part of the mainsail

The two Submissions were discussed together, and reference is made to the ITC Minutes. An alternative proposal was tabled by Per Boeymo, adding all the excess found to the measurement above, but after extensive discussion the Committee agreed to go along with the ITC proposal, i.e. add half of the measured excess to the adjacent sail girths.

To address GER 7, a drawing will be reintroduced in the Rulebook, describing how to extend the HB measurement when a batten is placed above the MGT point.

As an associated topic, it was clarified how to address mainsails where the outer head point is higher than the inner one, it was reiterated that the P dimension has to correspond to the highest point, so using a “virtual” head point at the intersection of the luff extension with the height of the outer point to find the points on the leech from where girths have to be measured.

## **ESP 2 - Headsails foot roach**

The Committee discussed the options of using the limits used by IRC, which increases the luff length by the amount of roach exceeding 7.5% of LP, or set a limit using the ERS concept of the head-to-mid-foot measurement, but concluded to not introduce anything new this year, acknowledging that the same matter is being discussed for the new edition of the ERS, and there is in the Rule a limit for the roach.

## **ESP 4 – Freeboard measurement points**

The Submission as written was not very clear, and at the meeting it was explained that the intention was to introduce a redundancy of measurement points, including transom, knuckle or other features on the hull.

This does not require Rule changes, but it is recommended, every time a new OFF file is created, to document the exact position of the freeboard points and so avoid errors in the displacement calculations. It was also agreed to simplify the wording, and modernize the illustration of the sheerline examples in the IMS Rule.

## **GER 3 – Better define what changes require remeasurement**

After extensive discussion, the Committee agreed to leave the current rule wording.

## **GER 6 – Outer mark on bowsprits**

The Submission is supported, and it was agreed to add in IMS Rule F7.2 b) “or to the outer mark” to be in line with the ERS wording.

## **GER 9 – Forward Accommodation**

In the discussion on this topic, the option of eliminating entirely this item from the Rule was considered, but then not supported. Agreement was found on requiring mattresses to be on board to comply with the Fwd Accommodation requirements, but not necessarily in their position.

## **GER 12 – ORC 206 – Table of Sails**

The Committee agreed to simplify the table of sails as follows. The GPH limits to be replaced by CDL numbers next year, if the concept will be adopted.

<b>GPH</b>	<b>Below 475.0</b>	<b>475.0 – 599.9</b>	<b>600.0 – 700.0</b>	<b>Above 700.0</b>
Mainsail	1	1	1	1
Headsails	8	7	6	5
Spinnakers	4	4	3	3
Mizzen	1	1	1	1

If there is a headsail used with a headsail furler as recorded in accordance with IMS F9.8 and credited in accordance with 111.4(d) only one headsail shall be aboard while racing. That headsail shall be of area not less than 95% of the largest headsail recorded on the certificate.

## **GRE 2 – IOS-Android version of the IMS Editor**

The Committee supported the idea, and some app will be developed and tested, including the possibility of creating a QR code to be associated to sail stamps.

## **NOR 2 – Sails Inventory**

After extensive discussion, the Committee did not find any easy way to support the Submission, considering that the full Inventory is in the optional Page 3 of ORCi certificates. However, supported the idea of studying a new layout of certificates, where 3 pages would be always printed for ORCi certificates, and the full Sails Inventory be an option for a second page of ORC Club.

## **RUS 7 – Rig Configurations**

The Committee feels the current wording is sufficient, but agreed to extend the sails inventory concept also to mizzens, and sails set between masts. For ORC Club, novel configurations as wing masts have to be deferred to the CM for advise, and this should be added to the Rule wording.

## **RUS 8 – Measurement date**

The Committee confirmed that the Measurement Date in the files and certificates is meant to represent the last measurement performed, be it a sail, an inclining or whatever else.

## **RUS 9 – Mast to be raked aft for measurement**

The current wording does not mean to loosen turnbuckles nor remove link plates. It just requires to move the rig aft within the range used while racing.

## **RUS 11 – Instruments mounting brackets to be included in mast weight**

The Committee supports the Submission, and agreed to include in the wording of the Rule instrument brackets, as drafted in the Submission.

The meeting adjourned at 14:15