



MEASUREMENT COMMITTEE

Meeting

held from 09:30 – 13:30

on Monday, 28th October 2019 in Southampton, Bermuda

MINUTES

Present: Zoran Grubiša (CRO), Nicola Sironi (ITA), Per Boeymo (NOR), Michael Quist (DEN), Nathan Titcomb (USA), Johan Tuvstedt (SWE)

Apologies: Gennaro Aveta (ITA), Dimitris Dimou (GRE), Pablo Ferrer (ESP), Robert Jacobsen (GER), Joakim Majander (FIN), Tacha Montaner (ESP), Ichiro Yokoyama (JPN), Michiel Woort (NED), Matteo Zupini (AUS)

Observers: Alessandro Nazareth (ITA), Willem Elemeet (NED), Bojan Gale (SLO), Luc Gellesau (FRA), Yannis Kalatzis (GRE), Roni Raviv (ISR), Thomas Blixt (SWE), Panayotis Papapostolou (GRE), Danniell Pillon (FRA), Fabrizio Pirina (ITA), Dobbs Davis (USA)

1. Approval of Minutes of November 2018

The minutes of the 2018 meeting were approved unanimously.

2. Reports from 2019 Championships

The reports on measurement issues and work of the Technical Committee was presented for the ORC Championships held in 2019.

Established measurement protocols with pre-race and post-race measurement checks has been proven as a good format with top placed boats checked during the event. The level of compliance with certificates was quite high. Only one boat at the ORC World Championship and one boat at the ORC Europeans Championship were found within the rating tolerance of 0.1 – 0.25% with no penalty applied but new certificates were issued and used throughout the event. During the ORC Sportboat European Championship all boats were weighed on launching with scale weights being very close to the calculated displacement values.

A discussion was also held about Offshore Special Regulations safety equipment checks when it was noted that OSR was often misinterpreted by the sailors, organizer or even measurers. An illustrated guide of the safety equipment required for the Cat. 3 on the championship events was prepared and used at the ORC Europeans in Sweden and it will be further developed by Johan Tuvstedt.

3. Submissions

ESP 2 – Measurement protest

The Committee is not supporting the submission and there is a consensus that the current rating tolerance of 0.1% is properly addressing rating differences from acceptable measurement tolerances.

ESP 3 – FSP Measurement

The submission is supported. New measurement (abbreviation TBD) will be introduced as the maximum dimension, measured at right angles to the longitudinal axis, of a luff groove device. Also IMS Rule F6.5(b) will be deleted since a wrap-around headsail shall be measured as a sail without affecting the rig measurement of FSP (and the newly established measurement TBD).

GRE 1 – Number of sails allowed on board

The submission is supported in line with the decisions of the Offshore Classes and Events and Management Committees.

ITA 1 – Fuel tankage in measurement trim

The intent of the submission is supported by modifying the rule of measurement trim. The fuel tank in measurement trim shall be as empty as possible (recommended). If not possible, the amount of fuel in the tank shall be recorded with distance from stem and height from the waterline. Multiple fuel tanks shall not be connected during measurement unless they are empty.

ITA 3 – Creating offset files from cloud of points

The ORC Staff will work on a new document that will contain a list of requirements with guidelines for measurers that is needed for a cloud of points to generate an offset file.

RUS 4 – BAL measurement

Removal of the BAL measurement is not supported because in principle measurement definitions should remain in the IMS rule (similar to CPW, SPS or BWT). However, removal of the reference to BAL in ORC rules 208.7(c) and 209.5(c) is supported.

USA 2 – Measurement of overhangs

The submission is not supported in making measurement of overhangs mandatory along with freeboard measurements. However, in light of the upcoming ORC/IRC World Championship 2020 it is recommended to measurers to take whenever possible all measurements needed for ORC and IRC at the same time.

USA 5 – Multiple headsails set at the same time

The submission is already supported by the ITC and the Committee agrees with it.

4. Latest developments on measurement techniques

A short discussion and exchange of experiences was held on the latest developments on measurements techniques.