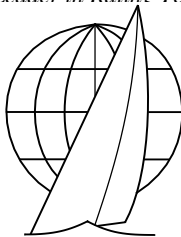


OFFSHORE RACING CONGRESS

World Leader in Rating Technology



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MINUTES of the **Measurement Committee** (held on November 9th 2015, in SANYA)

Present: Nicola Sironi (Chief Measurer),
ITA
Per Boeymo NOR
Robert Jacobsen GER
Dan Nowlan USA
Dimitris Dimou GRE

Observers: Zoran Grubisa CRO
Paolo Massarini ITA
Patrick Lidqvist FIN
Stan Honey USA
Dina Kowalyshin USA
Bruce Birgman USA
Ab Pasman NED

Roy Van Aller NED
Mikael Quist DEN
Thomas Nilsson NOR
Agnes Lill EST
Edoardo Recchi ITA
Renee Mehl USA
Mike Urwin GBR
James Dadd GBR
Panayotis Papapostolou GRE
Fabrizio Pirina ITA
Vasily Alexeev RUS
Zvi Ziblat ISR
Ecky Von der Mosel GER

1. **SUBMISSIONS**

1.1 **Mainsail Roach (FRA 1 + ITA 1 + RUS 6)**

The Committee agreed that the decision adopted last year to address the extra roach area achievable with extra battens in between girth measurement points in fact caused more problems than it solved, so agreed to remove the extra sentence introduced last year, supporting the FRA1 and RUS5 Submissions.

1.2 **Sails Abbreviations (MANCOM 2)**

The new scheme for abbreviations has been prepared by the Chief Measurer together with Mike Urwin during the summer, ending up with a common submission to ISAF, with the purpose of unifying the measurement process, and for IRC to adopt the same measurement scheme as ORC, so avoiding the need for any re-measurement, and using the same nomenclature. Mike Urwin and James Dadd attended the meeting, and confirmed that the intention is to proceed with this scheme in IRC, independently from the eventual acceptance of the new nomenclature to be included in the text of ERS now being finalized.

The associated project is to populate a database using a common entry format, that could be accessed to import the sails data in one or another Rating System.

1.3 Sails unique ID number (ESP5)

The Submission was supported in principle, but the details of the unique identifier need further refinement, and as far as possible allow the use of identifiers already in use, as the DSV buttons, or the ISAF stickers used in the context of IHC.

1.4 Double Backstay Definition (ESP1)

The Submission is supported, and it was agreed to add a new exception to ERS, specifying that the rigging point of backstays is located at the height of the bearing point, and not where the stay intersects the mast section, as prescribed in the ERS.

1.5 Inner Forestay limits (GER1)

The Submission is supported. These limits are in fact a heritage of the IOR times, where inner backstays had no influence on the ratings.

1.6 Inclining test with boom (ESP6)

The Submission is supported, and is a refinement of last year's decision, that did not include a VCG correction considering that the weights are suspended from a higher position. It was therefore agreed to include in the new Manager tab a new option “inclining with boom” generating a flag that will enable the VPP to do a different adjustment of VCG when the boom is used instead of the poles.

1.7 Bilgeboards with Bulb (GER2)

The Submission is supported, given the fact that this particular type of appendages configuration is contemplated by the Manager and the VPP, but is not documented in the Rulebook, nor appears anywhere in the certificates when activated. It was noted that no boat with this configuration appears in the database.

1.8 Bilgeboards position at the time of measurement (GER2)

The Submission is supported, agreeing to add in the Rulebook that bilgeboards have to be fully raised at the time of measurement afloat.

2. 3D scans and OFF files

The topic was discussed again, and several new measurements performed with 3d scanners have been performed. It was confirmed that the production of OFF files using 3d point clouds have to involve the Chief Measurer, and that they need to be performed in presence of a measurer, who has to insure that the fb reference points are precisely identified in the cloud. Some scans were performed in absence of a measurer, and without identifying precisely the flotation reference points, inevitably leading to uncertainty in the displacement resulting from the scans.

The Chief Measurer reported about a hull scanning performed in the UK in March, of which Simon Forbes produced a video that is posted on youtube and can be found using the search words “hustler 35 scan”

3. Measurement Seminars

Dimitris Dimou, who for many years has been planning and conducting Measurement Clinics and seminars throughout the world on behalf of ISAF, expressed the desire of organizing in the future some joint seminars. One option is Copenhagen, where the ORC World Championship will take place, on dates to be finalized but around May.

The meeting adjourned at 16:30