

OFFSHORE RACING CONGRESS

World Leader in Rating Technology

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Minutes of the **Measurement Committee** meeting held on November 7th, 2010 in Athens, Hotel Grande Bretagne.

Present:

Nicola Sironi (Chief Measurer)
Jean-Louis Conti
Per Boeymo
Dimitris Dimou
Boris Hepp
Gerd Kall
Joakim Majander
Dan Nowlan

Apologies for absence were received from the other members of the Committee who did not make it to Athens.

Observers:

Philippos Georgakis (CYP)
Kostandina Sfakianaki (CYP)
Eva Holmsten (SWE)
Nuno Goncalves Henriques (POR)
Christos Theodossis (GRE)
Sten Edholm (SWE)
Pekka Lopmeri (FIN)
Veiko Rosme (EST)
Abraham Rosenberg (BRA)
Dobbs Davis (USA)
Zoran Grubisa (CRO)
Godwin Zammit (MLT)
Panayotis Papapostolou (GRE)
Enrique Mollinelli (ESP)

Alessandro Nazareth (ITA)
Bruno Finzi (ITA)
Robert Jacobsen (GER)
Michiel Woort (NED)
Fleming Nielsen (DEN)
Ab Pasman (NED)
Hans Zuiderbaan (NED)
Giovanni Ianucci (ITA)
Yannis Kalatzis (GRE)
Ecky Van der Mosel (GER)
Akis Tsalikis (GRE)
Yannis Afendras (GRE)
Marina Papapanayotou (GRE)
Maria Spirideli (GRE)

1 OFF files structure and checking

OFF file format has been reviewed together with new measurement methods available with use of Total Station instrument and new software developed by the ORC Tech Staff which significantly improves working with OFF files and hull measurements.

2 OFF files acquisition techniques

Several examples of TS use in the last few years were presented with different measurement procedures. It was shown that now it is possible to measure appendages separately with taking horizontal as well as vertical sections on the hull. New features of the Offset editor includes a GSI editor where data collected by the TS measurement can be visualized and edited in order to prepare the offset file.

3 OFF file developments

A script for Rhino 3D design software to generate OFF files from IGS files has been presented.

4 Stability measurement and alternatives to double pole inclining for large boats

It was noted that stability measurements for big boats is difficult to perform with standard inclining test procedures due to the large amount of weight needed to heel the boat to the required angles. Therefore, alternative methods are suggested, such as using the mainsail boom to suspend the weights; one inclining test using the mainsail boom had been performed with 990 kg on a 48-footer. Some tests performed with smaller boats also showed very close results of measurements performed with poles as with booms.

This method will be further tested in hope to be standardized during next year.

5 Matters arising from ISAF

The Chief Measurer reported on the discussion at the ISAF International Measurers Sub- Committee in reply to the two Submissions received, intending to extend the status of International Measurer to Rating Systems in addition to recognized Classes. The Committee supported the way the matter has been addressed at the ISAF Sub-Committee meeting, recognizing that the function and skills required for a measurer for a Rating System are not the same as that required for One Design classes.

However, Rating Officers were asked to put together a list of names of known measurers with international experience that could in the future be presented as candidates to become ORC International Measurers within the general scheme of ISAF International Measurers.

6 Allocated submissions:

6.1 ESP1 & ESP 2 - ARTICULATED BOWSPRIT

The Committee agreed with the ITC proposal to allow an articulated bowsprit by taking the TPS measurement as SPL in case the bowsprit can be moved sideways.

6.2 GER 7 - SECOND FIELD FOR ISP

The Committee agreed with the proposal that has already been accepted by the Tech staff and it will be implemented in the new version of the ORC Manager.

The meeting adjourned at 13:40.