



# RACE MANAGEMENT COMMITTEE

## Meeting

held from 09:00 – 12:00

on Monday, 4<sup>th</sup> November 2024 in Singapore

### AGENDA

- Present on site:** Akis Tsalikis (GRE) - Chairman, Agnes Lill (EST) – Vice-chairman, David Bartol (SLO), Willem Ellemeet (NED), Matthew Gallager (USA), Nicola Sironi (ITA), Johan Tuvstedt (SWE), Ecky von der Mosel (GER)
- Apologies:** Joaquin Barenys (ESP), Noora Westerlund (FIN).
- Observers on site:** Andru Aarna (EST), Gennaro Aveta (ITA), Thomas Blixt (SWE), Per Boeymo (NOR), Andrew Cloughton (GBR), Dobbs Davis (USA), Pablo Ferrer (ESP), Patrick Lindqvist (FIN), Yannis Kalatzis (GRE), Alessandro Nazareth (ITA), Fabrizio Pirina (ITA), Raymond Roesnik (NED), Masakazu Takagaki (JPN), Peter Tjalma (NED), Chris Zonca (AUS), Matteo Zuppini (ITA)
- Observers online:** Philippos Georgakis (CYP), Panayotis Papapostolou (GRE), Lopo Pizarro (POR), Miguel Reboveda (ESP), Heikki Raisanen (FIN), Luke Scott (RSA), Chris Tutmark (USA), James Tyson (USA)

#### 1. Approval of Minutes of 2023 meeting

Minutes of 2023 meeting were unanimously approved.

#### 2. Submissions

##### a) FIN 1 – Event sustainability

Consistent with the Management Committee, the Race Management Committee supported the submission related to 3.2 of the Green Book, but did not support the second part of the submission related to 4.2. It was noted that all bids presented this year were including a sustainability plan.

##### b) SWE 4 – Quality parameters for different type of races

The submission is withdrawn. Nevertheless, David Bartol, Eckart Reinke and Johan Tuvstedt will work on the updates of the Race Management Guide as also discussed last year.

##### c) SWE 5 – Validating WRS numbers

It was noted that any changes after the results has been published shall be avoided. WRS is the best scoring method that can use ORC VPP. It may not be perfect, but it still better than using APH or other single number that may be even more different from actual wind conditions. After discussion, the submission was withdrawn.

##### d) USA 6 – Guidance of Weather Routing Scoring

The submission was withdrawn as it was prepared prior to the ORC Worlds in Newport. In the meantime, further development of the WRS were made addressing the items requested by the submission. Matt Galagher will work on updates for the Race Management Guide explaining application of the WRS. There is general consensus among committee members



that WRS should not be recommended for races shorter than 6 hours and longer than 4 days of racing.

e) USA 7 - VPP with TWS od 4 knots

The submission is already addressed by the ITC and the VPP will be updated for 2024 to include TWS of 4 knots. The intent is not to affect race management nor APH numbers, but rather to change VPP only and give the numbers that may be used in the WRS and PCS calculation.

**3. Weather routing scoring – Report from 2024 and plans for the future**

Andy Cloughton reported on use of WRS in 2024 events. A total of 48 offshore races were scored by the WRS with 23 of these as official scoring (including ORC championships) and 25 shadow scored. An analysis of results of all events was showing that WRS was in all cases showing better accuracy between the predicted and real elapsed time using WRS than APH or any other scoring option. Web application allowing use of WRS for race organizers was presented still in late development phase. Once completed it will be great tool for race managers and will show full potential of the WRS. Additional application may be even out of regattas with routing boats on cruising or delivering to regattas. However, VPP currently does not incorporate sea state. Andy reported that this would be big project having potential for the future, but not now.

**4. Any other business**

Johan Tuvstedt raised the question about possible problems with use of PCS with TWS of 24 knots knowing that boat speeds may be predicted lower than with TWS of 20 knots. It was confirmed that during the ORC championships there was no problem with this as W/L races were never raced in heavy wind conditions. It is also noted that with complete course definition using windward and leeward legs, there is slight possibility that PCS curves will be non-monotonic.

A discussion about different class divisions was initiated by Akis Tsalikis resulting in exchange of experience in different countries showing variety of options.