



## Summary of the changes to the ORC Rules and Regulations as approved at the **ORC Annual General Meeting** held on 7 November 2020 via Zoom

### **VPP – Velocity Prediction Program**

- **Hydrodynamics**
  - Introduction of new XML format of the offset file (offset 2.0) that allows definition of multihulls as well as better definition of any appendage not included in the hull offset file such as fixed keel and single rudder below the hull. The new offset format will be used for a diverse range of appendages such as: twin rudders, centerboards, bilge boards, twin keel, straight or curved foils, DSS systems with different combination of these, etc.
  - Introduction of the foils module in the VPP
- **Aerodynamics**
  - A new formulation of the Headsail set Flying minimum rated area is a function of the half width, the declared hoist and tack length, and the SHW/SFL ratio.

### **IMS – International Measurement System**

- **Rules B1.1 and B2.2** are modified now allowing multihulls to be measured following the new offset 2.0 format.
- **Part C** is re-organized following new definitions of appendages defined by the offset 2.0 format removing previous measurements for twin rudders, centerboard, bilgeboard and DSS. **Rule C1.1** is moved to the relevant GP Class Rules.
- Modification of **Rules F3.2, F7.2** and **G4.1** is allowing the definition of the multiple foretriangles where a headsail set flying may be set by declaring the appropriate combination of **ISP** and **TPS**.
- Measurement of **SPL** is modified in **Rule F7.1** following the UMS concept to be measured from the forward face of the mast. **SPL** measurements recorded before 01/01/2021 are automatic increased for 2% or 80 mm, whichever is greater, but it may always be re-measured to comply with the new rule.

### **ORC Rating Systems**

- A new minimum rated area of the Headsail set Flying is defined in **Rule 111.3**. This modification together with addition of the **Rule 208.2(a)(iii)** is giving better assessment of the rating of the Headsail set Flying.
- **Rules 200.2, 208.4(d)** and **305.2** are modified to follow the Racing Rules of Sailing for 2021 – 2024.
- **Rule 204** is modified to allow use of Non-manual power for an auto pilot when prescribed by the Notice of Race and/or Sailing Instructions.

- A new ORC Non-Spinnaker certificate is defined in **Rule 301.4**. An ORC Non-Spinnaker **certificate** may be issued from the data needed for an ORC International or ORC Club certificate and shall apply for boats not using any spinnaker nor Headsail set Flying.
- **Rules 401.4, 402.4 and 403** are changed to define the new improved layout of the ORC Certificate. The new certificate design concept presents data in three pages as a page each for Performance, Measurement, and Scoring. Default scoring options include a table of time allowances for 7 wind speeds and all true wind angles, from optimum beam to optimum run, as well as for two pre-selected courses: Windward/Leeward and All-purpose. Additionally, single number options are offered in Time-on-Distance and Time-on-Time formats for both Windward/Leeward and All-purpose courses.  
  
National Rating Offices may publish on their certificates multiple varieties of pre-defined and custom scoring options. This may include ToD and/or ToT coefficients using different course models as well as multiple ToD and/or ToT coefficients for different wind ranges.

## **ORC Sportboat Class Rules**

- Rule 2.2 is modified by defining CEXT as – 0.2 m for boats with single lifeline taking into account the difference in position of the crew on the rail between the boats equipped with single or double lifelines.

## **Green Book**

- A new ORC Double Handed European championship is added to the list of sanctioned events.