



Summary of the changes to the ORC Rules and Regulations as approved at the ORC Annual General Meeting held in Barcelona, Spain on 9 November 2016

VPP – Velocity Prediction Program

- **Hydrodynamics**
 - New formulation for added resistance in waves
 - New length assessment for different construction materials
 - Revision of hull windage in heeled conditions
 - LPP update on double poke-trough treatment and housekeeping modifications for appendage clipping
- **Aerodynamics**
 - Updated coefficients for headsails set flying
 - Unifying coefficients for headsails set on the forestay with or without battens
- **Performance Line scoring method** removed

IMS – International Measurement System

- **Rules B2.2, B2.3, B2.4, B5.3, B5.4, B6.6, B6.7, B6.8, F1.5** are modified to clarify that top points on each station of the offset file shall include bulwark, if any, addressing properly windage of the hull (particularly on superyachts) while freeboard points can be defined either as a top point of the freeboard station, but also as any other point that can be clearly identified at the freeboard station.
- **Rule B4.1(f)** is modified to clarify position of the spinnaker pole in the measurement trim
- **Rule C2.3** is modified to clarify KCDA measurement particularly in case when there is a going out from the fixed keel with bulb or winglets
- **Rules F2.1, G1.4, G1.5, G1.6, G2.2, G4.1** are modified following the new version of the ERS.
- New **G1.7** clarifies the ERS definition of “Set flying” by clearly referring to a sail with no sail edge attached to the forestay.
- Mizzen staysail abbreviations are put in line with ERS definitions and other sail measurement abbreviations in **Rule G5**.

ORC Rating Systems

- **Rules 111.4** and **304(c)(ii)** are modified following unification of the sail coefficients for all headsails with or without battens set on the forestay. The lift coefficients are multiplied only for a headsail set flying with the battens.
- **Rule 205.3** is deleted as obsolete with the new version of the RRS.
- **Rule 206.1** is modified by using CDL instead of GPH as a criteria for limitation of sails aboard while racing.
- New **Rules 206.4** clarifies the way how sails shall be used together with the new rule 207 and modified rule 209.1.
- New **Rule 207** is result of the Interpretation 2016 – ORC - 1 that now clearly prohibits the use of the mainsail and mizzen in a way that is causing an incorrect VPP calculation and giving an unfair advantage.
- **Rule 209.1** is modified to clarify how spinnakers shall be set flying and prohibiting the use of a sail measured as a spinnaker but effectively used as a headsail.
- **Rule 403.4** is deleted with the removal of the Performance Line scoring option.

Green Book

- ORC Championship Rules are simplified by limiting its contents only to the administrative part for applying to host the championship, assigning the championship and setting up the obligations of the organizing authority, while all racing items are now moved to the Standard Notice of Race and Standard Sailing Instructions.
- Standard Notice of Race include eligibility criteria and registration procedures as well as new CDL limits based on 2017 VPP as follows:
 - Class A: $17.0 \geq \text{CDL} > 11.5$
 - Class B: $11.5 \geq \text{CDL} > 9.65$
 - Class C: $9.65 \geq \text{CDL} > 8.45$
- Other parts of the Standard Notice of Race and Standard Sailing Instructions are updated following changes of the RRS and ERS and experience from events held in 2016.

ORC International and ORC Club Certificates

- Performance Line scoring option is removed.
- Triple number Time on Distance coefficients are added.
- For Sportboats, scoring options boxes are shown with light blue background.