

# ORC SPORTBOAT CLASS RULES 2007

## 1. Objective

It is intended that the ORC Sportboat Class consist of modern sportboats rated under the IMS / ORC Club and that it foster competition at a high level of racing.

## 2. Administration

- a. Class Authority  
The authority for the Class shall be the Offshore Racing Congress, with guidance from various national and regional owners associations through their representation in the ORC Offshore Classes and Events Committee.
- b. Language of the Rules  
The official language of the Class Rules shall be English.
- c. Rule Interpretation  
The ORC Chief Measurer shall be responsible for the interpretation of the ORC Sportboat Class Rules and his decision shall be final until ratified or overruled by the Congress.

## 3. The Yachts

ORC Sportboat Class yachts should be modern Sportboats that meet all requirements and standards of the IMS / ORC Club, except that IMS Regulations shall not be applied.

## 4. Specifications

- a. IMS LOA shall be not less than 6.50 m nor greater than 9.00 m.
- b. Displacement in Measurement Trim shall be less than 2000 kgs.
- c. Yachts shall have an enclosed interior of sufficient volume to comfortably accommodate not less than two crew in addition to any gear normally stowed below while racing. The interior shall be accessible through a hatch which provides not less clearance than a diameter of 360 mm.
- d. A yacht's IMS displacement/length ratio in Measurement Trim ( $DSPM/LSM^3$ ) shall be less than 4.50. Minimum LPS is 90°.
- e. Platforms capable of extension beyond the IMS sheerline which would permit any shift of crew weight outboard are not permitted. Trapezes are allowed. Hiking straps and other hiking aids are allowed for boats without lifelines at the sides of the cockpit. These features have to be rated following these formulae :  
Trapezes :  $CEXT = (1.2 * No. Tr. + 0.5 * No. Hk.) / No. Crew$   
Hiking straps :  $CEXT = 0.5 * No. Hk. / No. Crew$   
Crews of boats without trapezes or hiking straps shall keep their torsos within the sheerline ( see RRS 49.2 and ISAF case 36)  
Tension of lifelines shall comply with Special Regulations 3.14.2 while racing. In the case of a yacht of a class for which published class rules specifically permit loose lifelines and the yacht complies with her class rules and wishes not to comply with SR 3.14.2, then Crew Extension (CEXT) shall recorded as 0.5 on her Club/IMS certificate for any event in which these ORC Sportboat Class Rules apply.
- f. Compliance is required with the Special Regulations Category 4 unless otherwise specified in the Notice of Race and/or Sailing Instructions.
- g. Keels and centreboards must be used as displayed on the measurement certificate.
- h. If an outboard engine is on board during measurement (following One Design Class Rules or individually) this has to be mentioned on the measurement certificate and this outboard engine has to be stowed in its measured position during races.

- i. The maximum number of sails carried on board shall be :  
1 mainsail, 2 large jibs ( $LP > 1.1 * J$ ), 1 small jib ( $LP < 1.1 * J$ ), except 3 for boats without large jibs, 1 storm jib, 2 spinnakers.
- j. All sportboats shall be rated as racers.
- k. For non-series-produced yachts, the certificates must be based on full IMS measurement. For series-produced yachts, the certificate must be based on a full IMS measurement of at least one of the production series.
- l. Any modification from a standard One-Design Class certificate shall require measurement by a Certified Measurer

## **5. Crew Eligibility**

50% of the crew members, rounded up if the total is not a whole number, must obtain a duly issued certification stating that they qualify as Group 1 (non professional) under the current ISAF Sailors' Classification Code.

## **6. Measurement**

A valid IMS, IMS One-Design or ORC Club Certificate is required.

For non-series-produced yachts, the certificates must be based on full IMS measurement. For series-produced yachts, the certificate must be based on a full IMS measurement of at least one of the production series.

Any modification from a standard One-Design Class certificate shall require measurement by a Certified Measurer.

All sails shall be measured, properly stamped and identified.

## **7. Scoring**

Performance Line Scoring (PLS), as provided on the IMS / ORC Club certificate, is recommended for ORC sanctioned events. Alternative common methods may be applied at the discretion of the event organizer.

## **8. Championships and Awards**

It is intended to hold annual World Championships following the programme, schedule and Rules of the Green Book, with awards as in a, b and c below:

- a. One award to the overall winner.
- b. Other awards or special prizes may be awarded for a season championship based on points accumulated from designated events.
- c. Classes with more than five participants will be eligible for individual prizes.

Regional Championships are encouraged. At the discretion of the event organizer, local rules may permit hiking devices (e.g., trapezes or racks) for lake racing, provided the righting arm effect of the device has been accounted for by the Rating Office in producing the rating certificate.

## **9. Sponsorship & Advertising**

Advertising is permitted as per the ISAF Advertising Code, Regulation 20 -Category C (RRS Appendix 1).