



*World Leader in Rating Technology*

# OFFSHORE RACING CONGRESS



**ORC Classes**  
**2015**

# ORC Classes

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## 1 Objective

To foster keen competition at the highest level, the ORC Classes are designed to allow yachts with similar characteristics, and which conform to the IMS Rule and ORC Rating Systems, to race within a narrow rating band as defined for each class in paragraph 3.3 below. Current ORC Classes are: ORC Maxi, ORC Mini Maxi, ORC Sportboat as well as GP 26, GP 33 and GP 42 as box classes with separate class rules.

## 2 Administration

### 2.1 Class Authority

The authority for the ORC Classes 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.

### 2.2 Language of the Rules

The official language of the ORC Classes Rules shall be English.

### 2.3 Rule Interpretation

The ORC Chief Measurer shall be responsible for the interpretation of the ORC Classes Rules and his decision shall be final until ratified or overruled by the Congress.

## 3 Class limits

3.1 Rating bands shall be reviewed each November for application the following January 1.

3.2 The annual band will be recommended by the International Technical Committee and approved by the ORC through the Offshore Classes & Events Committee.

3.3 General class limits are:

	<b>ORC Maxi</b>	<b>ORC MiniMaxi</b>	<b>ORC Sportboat</b>
LOA (m)	> 23.9	18 - 23.9	6.0 - 9.0
Mandatory ORC Certificate	International or Club	International or Club	International or Club
Crew Eligibility	No limits	No limits	Min. 50% crew as Group 1

## 4 Additional class requirements

ORC Sportboat

- a) Displacement in Measurement Trim shall be less than 2000 kg.
- b) A yacht's displacement/length ratio in Measurement Trim ( $DSPM/LSM0^3$ ) shall be less than 4.50.

- c) Platforms capable of extension beyond the IMS sheerline which would permit any shift of crew weight outboard, trapezes and hiking straps are allowed for boats without lifelines at the sides of the cockpit. These features have to be rated following these formulae:

Trapezes:  $CEXT = (1.2 * \text{No. Tr.} + 0.5 * \text{No. Hk.}) / \text{No. Crew}$

Hiking Straps:  $CEXT = 0.5 * \text{No. Hk.} / \text{No. Crew}$

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 be recorded as 0.5 for any event in which these ORC Sportboat Class Rules apply.

- d) Compliance is required with the Special Regulations Category 5 unless otherwise specified in the Notice of Race and/or Sailing Instructions.
- e) 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.
- f) The maximum number of sails carried on board shall be:  
1 mainsail, 2 genoas, 1 jib (3 for boats without genoas), 1 storm jib, 2 spinnakers.
- g) All sportboats shall be categorized in Performance category.
- h) The rated upper Limit of Positive Stability shall be not less than 90.0 degrees.
- i) 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.
- j) Any modification from a standard One-Design Class certificate shall require measurement by a Certified Measurer.

## **5 Scoring**

### **5.1 ORC Maxi**

All available scoring options may be used.

### **5.2 ORC Mini Maxi**

All available scoring options may be used.

### **5.3 ORC Sportboat**

Performance Line Scoring (PLS) is recommended. Alternative common methods may be applied at the discretion of the event organizer.

## **6 Sponsorship & Advertising**

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