



FREQUENTLY ASKED QUESTIONS

Rating Certificates

How do I get IRC Endorsed and ORCi certificates?

Certificates are issued via your local rule authority.

IRC: For the U.S., complete <https://form.jotform.com/72144318847157> and inquire at offshore@ussailing.org for more information.
For boats from other countries, select your country from the link: <https://ircrating.org/irc-certificate/how-to-apply/> to find your local rule authority contact details. If your country is not listed contact IRC at info@rorcrating.com.
Please leave adequate time to get your rating as it may take 14 days to receive.

ORC: For the U.S., complete <https://form.jotform.com/72144318847157> and inquire at offshore@ussailing.org for more information.
For boats from other countries, contact the rating office in your country from the list: www.orc.org/ratingoffices. If not available, contact the ORC at orc@orc.org.

Note: To get a valid 2020 ORCi certificate, the boat shall be completely measured including an inclination.

What do I need to do to upgrade an IRC certificate to IRC Endorsed and/or an ORC Club Certificate to ORCi?

IRC: For the U.S., contact US Sailing at offshore@ussailing.org and for other countries follow this link: <https://ircrating.org/irc-certificate/irc-endorsement/>. Your local rule authority can arrange measurement if necessary.

ORC: For the U.S., contact US Sailing at offshore@ussailing.org and for other countries, contact your local rating office for more information about what data is required and how to get these measurements which require the help of a certified measurer.

Please leave adequate time to get your rating as it may take 14 days to receive.

If I have a current ORR certificate, can this be used as the basis to get an IRC Endorsed certificate and/or an ORCi certificate?

IRC: Boats with a recent ORR full-measured certificate can obtain an Endorsed IRC certificate with some additional data. In the U.S., contact offshore@ussailing.org and for other countries, contact your local rule authority for more information.

ORC: Boats with a recent ORR full-measured certificate may obtain an ORCi certificate without additional measurements. In the U.S., contact offshore@ussailing.org and for other countries, contact your local rating office for more information.



Sails

How are Code Zero, Mast Head Jibs, and Large Roach Head Sails treated by ORC and IRC?

IRC: The largest headsail and spinnaker must be declared. The definitions of a headsail and a spinnaker can be seen in the IRC Rule A5 and are largely in agreement with RRS 50. See <https://ircrating.org/irc-rule/>.

ORC: If the mid girth dimension of the sail is less than 75% of the foot length and if the sail is not set on the forestay, this sail is termed a “headsail set flying,” and is counted as a headsail in the limits described in NOR 2.4.

The increase in performance (and thus rating) by these sails at reaching angles is calculated by the ORC VPP (Velocity Prediction Program) and therefore may not affect W/L course ratings but will affect the long distance/coastal course ratings.

The new 2020 ORC VPP has improved the rating transitions at reaching angles from headsails set flying at <75% midgirths to small asymmetric spinnakers with midgirths at 75-85% and requires all sails in this size range to have their measurements recorded in the sail inventory.

How many spinnakers may I carry?

IRC: It is stated that the maximum number of spinnakers may not exceed the number specified on a boat’s IRC certificate. In IRC, the number of spinnakers carried is an option that it is declared upon application. Per NOR 2.4.b, the maximum number of sails permitted is provided in a table.

Hint: Do not declare on your IRC certificate more spinnakers than permitted in the NOR for your class, as the minimum will apply.

ORC: The numbers of spinnakers and headsails printed on the certificate and in the NOR are the maximum number allowed on board while racing, and the actual number of sails has no effect on the ORC rating.

Do all my sails need to be measured, or only the largest of each type?

All sails shall be measured and stamped. This shall be done prior to the regatta and presented in the pre-race inspection process.



Scoring

How will the combined scoring work?

Per NOR 11, a boat's corrected time will be calculated separately under each IRC and ORC. For each rating, the corrected time delta between each boat and the lead boat will be calculated. The IRC and ORC deltas for each boat will then be averaged. This number will be considered the corrected time and place rankings will be determined accordingly.

Classes

Why are there three classes at the Worlds?

World Sailing provides for three World Champion titles, so each class is defined and races separately for their own results. There is also no overall champion award.

Why and how is CDL used to define classes?

CDL encompasses both LOA and speed, and is calculated as LOA (meters) * Boatspeed at 12 knots upwind. The CDL bands are based on an evaluation of the >2000 boat types.

What are the 2020 CDL bands to determine classes for the Worlds?

Classes are defined by the CDL* and the minimum and maximum number of entries as follows:

Class A:	16.400 \geq CDL $>$ 11.590	max. 50 entries (30 from one country)
Class B:	11.590 \geq CDL $>$ 9.770	max. 50 entries (30 from one country)
Class C:	9.77 \geq CDL $>$ 7.900	max. 50 entries (30 from one country)

**CDL values are based on 2020 version of the ORC VPP.*

What are the options, if any, to potentially change my class by changing the CDL?

ORC has a free access online system called ORC Sailor Services where once your certificate is issued you may experiment by editing your measurements to run test certificates and observe the change in CDL. Access and instructions are at www.orc.org/sailorservices.

Note the changes permitted in these online tests are to sails, rig dimensions, crew weight and other features, but not changes to the hull, keel or rudder. To explore effects on CDL with these changes, contact a naval architect for advice and options. Also note, any changes may require re-measure and a new updated certificate.



Crew

How do I know what my crew must weigh in advance of the event?

Please note that weight limits are strictly enforced and the minimum of ORC and IRC will apply. See NOR 2.5.

IRC: Each certificate has a crew number limit. This number is fixed and the total maximum weight is max number of crew x 85kg.

ORC: When applying for the certificate a maximum crew weight is declared.

Hint: Do not declare on your ORC certificate a crew weight greater than permitted on your IRC certificate, as the minimum will apply.

How can I substitute crew during the event?

At Registration, a crew list is presented that lists all persons on board on Day 1 of the event. If at this time you have an anticipated crew change scheduled later in the regatta, you may submit this adjusted crew list as well. Any further changes (adding, removing or replacing a crew member) need to be requested before the start on the day on which that change would take effect.

Crew substitutions in the Corinthian Division shall also be valid World Sailing Group 1 sailors. Corinthian Division skippers, crew members and their substitutes must be confirmed Group 1 sailors according to the World Sailing Classification Code (www.sailing.org/classification). If not, the boat will be scored in the Open Division.

The crew weight limitation shall always apply after any crew change.