

BAYVIEW MACKINAC RACE ORR-Ez TIPS

With some people not being familiar with ORR-Ez the rating system used on the Shore Course there are some things that you should know that might help you improve the accuracy of your rating. Currently all ORR-Ez certificates are processed by the Offshore Racing Association (ORA). In contrast, Regular ORR certificates, which are required to race on the Cove Island Course, are processed by US Sailing.

I. Measurement Inputs

ORR-Ez ratings use a sophisticated velocity prediction program to predict boat speed at various wind speeds and wind angles based objective inputs, including boat, rig and sail dimensions. Therefore, it is important to make sure the inputs ORA uses to develop a rating for your boat are complete and correct. The best way to do that is to:

- A. Provide a copy of your most current PHRF certificate.
- B. Provide copies of the following sail certificates. If you do not have copies on hand contact your sailmaker for assistance.
 - (i) Mainsail
 - (ii) Largest Genoa
 - (iii) Largest Symmetrical Spinnaker (if any)
 - (iv) Largest Asymmetrical Spinnaker if any
- C. Describe Modifications to Rig, Rudder, Keel, or Hull. Unless a boat has undergone a full measurement or the designer/builder has provided offset files, ORA will use available data from a similar boat design (a sistership) to develop the rating for a production boat. Therefore, if the rig, hull, keel or rudder have changed it is important to identify the differences between your boat and the standard production boat. The more detail you provide, with photos, will assist ORA in quantifying the extent of the differences.

II. Sailing/Pole Configuration

ORR-Ez can generate handicaps for the following configurations and the rating will vary depending on which configuration the owner declares:

- A. Standard pole with both asymmetrical and symmetrical spinnakers.
- B. Standard pole with only symmetrical spinnakers.
- C. Non-articulating (i.e. sprit) pole with asymmetrical spinnakers only (J105, J120, etc.)
- D. No pole with asymmetrical spinnaker tacked to centerline of boat.
- E. Jib and Main only, no spinnakers.

Therefore, it is important to declare which configuration you should be rated for. For example, if you plan to race in a Cruising Class you should declare that you will not be use a spinnaker pole and will use only asymmetrical spinnakers tacked on centerline so your rating is based on that configuration.

III. Crew Weight

Maximum Crew Weight is listed on the Certificate and you must not exceed that amount listed or you will be subject to protest. ORR-Ez will automatically generate a default maximum crew weight unless an actual maximum crew weight is declared by the owner. If you know the actual maximum crew weight you will be sailing with you should declare it. If your crew weight is below the default weight it will likely help your rating and if it is above the default weight it will allow you to race in compliance with the Rules, which prohibit a boat from exceeding the maximum crew weight listed on its certificate.

If you have any questions feel free to contact:

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If you have any problems processing your on line ORR-Ez application contact:

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