

Class mini FSRE.

It will establish strating from 01.01.2023 in the section E (Endurance) one new competition class called mini FSRE

. Regulations for the min FSR E class

Definition In the FSR E class only single hull boats with submerged drive and electric motors are allowed. Different types of hulls or drive systems are not allowed. So called Mono or Hydro boats or similar are not allowed.

Run time is 10minutes.

The course to be used is the M course as described in Annex C5 Section M. It is made up from a modified Mono/Hydro oval.

A heat consists of maximum 8 boats.

The start is towards at the right down buoy after the signal is given. All boats should be in the water with their stern against the platform before the start is given, held in place by the start helper

Charging batteries during a race is not allowed.

.There is to be no more turning back when missing a buoy. Missing a buoy (rounding the buoy on the wrong side) is a 1 lap penalty for every missed buoy.

In all 3 or 4 heats are run. The 2 best results are then added to make the final result. The top 6 qualifiers will then race for their final result in a Final heat (race order for finals).

In the last 1 minutes of race, the rescue boat will not be allowed to fetch any dead boat unless it is sinking or looks like it will sink..

Technical Prescription

The basic line is that the Boats must fulfil the basic rules of the FSRE class.

Max length 550 mm

There is no minimum or maximum weight for the boats used.

Battery prescription

Up to 4S with min .280 grams with Limiter

Or 3S2P 113 grams battery without limiter

Limiter mandatory with one value establish at 42 Wh for battery over 226 grams . Limiter value will be controlled (establish) and the limiter will be seal at the inscription .

The competitors will use they own limiter

Self righting systems allowed

Starting area, the preparation and access permission.

The starting are is the enclosed area directly adjacent to the racing water, in which the starting pontoon is located from which the competitors launched their model.

The preparation area is an enclosed area, where all competitors prepare the models and equipment for the start and serves as a waiting area during the event.

The preparation area should be located as close as possible to the starting area, subject to local facilities. It should provide accommodation and protection from weather conditions for the models. Only officials, competitors and assistants engaged in the event are allowed in the preparation area.

The rescue service for mini FSRE is controlled by a start position official. The model must be rescued in the shortest possible time, causing minimum disturbance to the models still racing ensuring that all the competitors are treated fairly. Powered rescue boats must be used slowly, so that the bow waves have no adverse influence on the race.

The continuous circling of rescue boat within the course should be avoided. The powered rescue boat should preferably be used to rescue those models which are farthest from the start jetty.

In the last 1 min of the race the rescue boats will not have the permission to activate with the exception that in evident cases one boat will sink .

Section E class leader

Razvan Olaianos

