

BOAT RACES

GENERAL DESCRIPTION

- Design and build a boat that is controlled by radio control, where its power source must come from batteries.
- The boat will run on a water track without obstacles, in a previously marked circuit, competing directly against other boats.

TECHNICAL CHARACTERISTICS OF THE BOAT

All the boats must have the following characteristics:

1. The power source must come from a battery.
2. Any type of motor that is battery powered is allowed.
3. More than one motor per boat is allowed. There are no restrictions on engine type (direct engine and/or gearboxes allowed in all classes).
4. The hull can be made of any material.
5. Only water propellers are allowed. There are no restrictions on propeller material, number of blades, etc.
6. The maximum dimensions are 15.75 inches x 9.84 inches, with no height restriction.
7. It must be operated remotely by a radio-control device.
8. You must be able to stop the engine completely.
9. It must have an externally mounted electric motor kill switch clearly marked ON/OFF.
10. Only one pilot per boat is allowed.

HOMOLOGATION

1. Your boat must include all the characteristics specified in these rules.
2. The boat must be capable of traversing the race track, without any assistance.
3. Boats that do not have these specifications will be disqualified from the competition. There won't be an option for replacement later.

COMPETITION DEVELOPMENT

1. The boats will be placed in the “start” area. Once the competitors receive the “go” sign, they can begin to advance.
2. No part of the boat may be in motion before the “go” sign. If any part of the boat is in motion before that action, the boat will be disqualified.
3. The competition will take place on the water course with three boats competing at the same time.
4. The boat that finishes the race first wins.
5. The races will have a length of maximum 10 minutes.

EVALUATION

- a. The judge will determine the number of qualifying rounds according to the number of homologated boats at the time of the competition.
- b. The time of the boats that manage to complete the course of the competition will be counted. The best boats of each round will qualify for the next phase.
- c. In case no boat finishes the race during the rounds, the positions will be determined for the closest boat to the finish line when the time is up.
- d. If there is a “false start”, the race will start again.
- e. The following actions will cause a warning for the boat:
 1. Start before the “go” sign.
 2. Any unsporting conduct, as well as the use of inappropriate language during the competition, or obscene remarks towards the judges, competitors or any spectator.
 3. Claims without justification to the judges.
 4. Mistreatment of furniture or work equipment of the competition.
 5. Sabotage of the opponents.
 6. In case of gathering three (3) cautions, the team will be disqualified.

JUDGES

- I. The role of the judge is important in the competition; he will be in charge of complying with the rules and regulations established by the organizing committee.
- II. The judges for this competition will be appointed by the organizing committee.
- III. Contestants may present their objections to the judge in charge of the category before the end of the competition.
- IV. In case of doubt in the application of the norms, the judge will make the final decision.
- V. In the event of a controversy about the decision of the judge or judges, a written disagreement can be sent to the Council of Judges. Once the competition is over, the arguments presented will be evaluated and a decision will be made in this regard. This is a final decision.