

RC Laser Winter Racing Series

Sponsored by Raritan Yacht Club RC Laser Fleet - AMYA Club #375

Raritan Yacht Club
160 Water Street
Perth Amboy, NJ 08861

SAILING INSTRUCTIONS

1. RULES

- 1.1. This series will be governed by The Racing Rules of Sailing 2017-2020, as amended by Appendix E for RC sailing, prescriptions of US Sailing, class rules of the RC Laser class, these sailing instructions, and any amendments to these Sailing Instructions as announced by the PRO during the series.
- 1.2. Changes to the racing rules or class rules are noted in the specific instructions where they apply.
- 1.3. Each skipper that participates in a day's racing is obligated to serve as Race Committee for at least two sequential heats throughout the day. The skippers are responsible for running their heats in accordance to the NOR's and these Sailing Instructions.
- 1.4. The Race Committee is not the PRO and is subject to the direction of the PRO.

2. NOTICES TO COMPETITORS

- 2.1. Notices to competitors will be posted on the RYC website at:
<http://www.ryc.org/Default.aspx?p=dynamicmodule&pageid=90&ssid=100117&vnf=1>

3. CHANGES TO THE SAILING INSTRUCTIONS

- 3.1. See E1.3(d). Any change that will affect future sailing dates shall be posted before 9:30am on the following days racing on the RYC calendar at:
<http://www.ryc.org/Default.aspx?p=v35Calendar&title=calendar&view=13&ssid=100114&vnf=1>.

4. SCHEDULE OF RACES

- 4.1. Dates of racing: January 13th, January 20th, January 27th, February 3rd, February 10th, February 17th, February 24th, March 3rd, March 10th, March 24th, March 31st, April 7th. The RYC RC Laser St. Patrick's Day Regatta (March 17th) will not be counted as part of this series.
- 4.2. Daily Schedule:
 - 4.2.1. On-site Registration 9:00AM – 9:30AM
 - 4.2.2. Competitor meetings begin at 9:30AM
 - 4.2.3. Heats begin at 10:00AM sharp.
- 4.3. The total number of heats planned for one day of racing is no more than 10. The race committee will determine the number of heats for each day after considering weather, course and equipment conditions. No heat shall start after 12:30PM.
- 4.4. The scheduled time of the warning signal for the first heat each day is 10:00am.
- 4.5. After a postponement, to alert boats that a heat or sequence of heats will begin soon, an audible signal will be sounded at least five minutes before the warning signal for the first heat following the postponement.

5. RACING FORMAT

- 5.1. Depending on the number of boats for a day's race, random divisions may be created at the discretion of the PRO/Fleet Captain for races held that day. As a guideline, a division should not contain more than 14 boats.

6. STARTING CONDITIONS

- 6.1. To start a heat, there shall be sufficient wind to make way against the current and to have maneuverability.
- 6.2. We will not sail if the wind is over 30 knots or the temperature is below 10° F.
- 6.3. We will not sail if the launching area is dangerous due to ice and/or snow.
- 6.4. Races may be cancelled in advance by email no later than 8:00AM on the day of scheduled racing.

7. LAUNCHING AREA

- 7.1. The launching area will be Dock B.

8. RACING AREA

- 8.1. The racing area will be on the water surrounding and off the RYC main pier and floating docks.

9. THE COURSES

- 9.1. The courses will generally be a windward/leeward course consisting of multiple legs.
- 9.2. The RC for the heat will verbally announce the order of the marks and number of laps before the warning signal of each heat.
- 9.3. If an offset mark is being used as part of the windward mark its buoy number will be included in the mark sequence in 9.2.
- 9.4. If leeward gates are being used this shall be part of course description in 9.2
- 9.5. All marks are to be left to port unless the course provided in 9.2 specifically changes that.
- 9.6. See appendix A of these instructions for sample course diagrams.

10. MARKS

- 10.1. Marks 1, 2, 3, 4, and 5 will be round yellow buoys and be used as the windward, offset and leeward marks.
- 10.2. The starting and finishing pins will be pickup sticks.
- 10.3. The PRO, Fleet Captain or Race Committee may change the definition of marks as necessary.
- 10.4. Rule 31 is changed to read "While racing, a boat shall not touch a starting mark before starting or a finishing mark after finishing. A boat may touch a mark that begins, bounds or ends the leg of the course on which she is sailing."

11. AREAS THAT ARE OBSTRUCTIONS

- 11.1. The following areas are designated as obstructions: All RYC floating docks, the main RYC pier and any boats moored in the RYC morning field.

12. THE START

- 12.1. Races will be started as required by rule E3.4 with the warning signal sounded two minutes before the starting signal. This changes rule E3.4(a). The warning signal will also be considered the preparatory signal.
- 12.2. Races will be started using the AMYA two-minute starting sequence. The Race Committee may utilize another 2-minute audible starting sequence that complies with rule E3.4(a) in the event the AMYA two-minute sequence is unavailable.
- 12.3. The starting line will be between the two starting pins.
- 12.4. Prior to the warning signal, a boat may request the Race Committee to delay the starting sequence for five minutes for the repair of a technical problem or breakdown. When such a delay is granted, it will be announced, and the warning signal will not be sounded until the expiration of five minutes from the commencement of the delay. Each boat may be granted 2 such delay(s) per day. Delays for tuning, adjusting sails or for changing rigs due to weather will not be granted.
- 12.5. Boats whose warning signal has not sounded shall stay clear of the starting area in the event of multiple sailing divisions.

- 12.6. A boat starting later than 5 minutes after her starting signal will be scored Did Not Start (DNS).
- 12.7. All starts will be under rule 30.1 – I Flag rule even though no I flag is displayed. There is no dipping on the start line within one minute of the race start. If any part of a boat’s hull or equipment is on the course side of the starting line within 1 minute of the start signal, the line judge will attempt to hail that boat. Failure of the line judge to make a hail or a skipper to hear such a hail will not be grounds for a request for a redress hearing.

13. THE FINISH

- 13.1. The finishing line will be between the finishing pins.

14. PENALTY SYSTEM

- 14.1. Rule E4.3 applies.

15. TIME LIMITS

- 15.1. If no boat has passed Mark 1 within 10 minutes, the race will be abandoned.
- 15.2. If no boat has finished within 20 minutes, the race will be abandoned.
- 15.3. Boats failing to finish within 10 minutes after the first boat finishes, will be scored Did Not Finish (DNF). This changes rules 35.

16. PROTESTS

- 16.1. A boat protesting another boat, while sailing, shall hail the other boat, as required by rule E6.3.
- 16.2. Boats filing a protest shall inform the race committee per E6.4 modified with a 5-minute time limit after the race or heat is complete.
- 16.3. Time Limits – Rule E6.5 is changed to 20 minutes after the last race or heat is sailed for the day.
- 16.4. Protests will be heard immediately following the last race of the day.

17. SCORING

- 17.1. The High Point Percentage Scoring system shall be used. Scores from all races will be counted - no scores will be excluded. This replaces rules A2 and A4. See <https://www.ussailing.org/competition/rules-officiating/racing-rules/scoring-a-long-series/> for more details.
- 17.2. At least 1 boat scored in a heat is required to constitute a completed heat

17.3. RACES TO COUNT AND MINIMUM REQUIRED

- 17.3.1. The series will consist of the total number of races sailed on the scheduled days or racing. To qualify for inclusion in the final series results a boat shall compete in (i.e., come to the starting area for) at least 65 percent of the heats completed.

17.4. HEAT SCORES

- 17.4.1. Define 'N' to be the number of boats that compete in a particular heat. Each boat finishing that heat will be scored as follows:

<u>Finishing Place</u>	<u>Score</u>
First	N
Second	N-1
Third	N-2
Fourth	N-3

Each place thereafter Subtract 1 point

- 17.4.2. All other boats that compete in that heat, including any that finish and thereafter retire or are disqualified, will score 0 points. Boats that do not compete in that heat (DNC) will not be scored. Boats in the starting area at the warning signal that do not start will be scored DNS and will be scored a 0.

17.5. SERIES SCORES

- 17.5.1. The series score for each boat will be a percentage calculated as follows: divide the sum of her heat scores by the sum of the points she would have scored if she had placed first in every heat in which she competed; multiply the result by 100. The qualified boat with the highest series score is the winner, and others are ranked accordingly.

17.6. TIES AND OTHER RULES

- 17.6.1. Heat ties will be handled using rule A7. Series ties will be broken using rule A8.1.
17.6.2. Rules A1, A3, A5, A6, A10 and A11 also apply.

18. EQUIPMENT & MEASUREMENT CHECKS

- 18.1. This is a one design RC Laser class series – only RC Laser boats can participate.
18.2. A boat and her equipment may be inspected at any time for compliance with class rules and sailing instructions.
18.3. Boats must have a unique and visible numbers on their sail as described in the RC Laser Class Rules.

19. RACE COMMITTEE

- 19.1. Each skipper that participates in a day's racing is obligated to serve as Race Committee for at least two sequential heats throughout the day (One to call and record the line and the other to operate the crash boat). The skippers are encouraged to review RRS Section 2 and are responsible for running their heats to the best of their ability and in accordance to the NORs and Sailing Instructions.
19.2. Assignment of Race Committee will be determined day of and announced during the skipper's meeting.

20. PRIZES

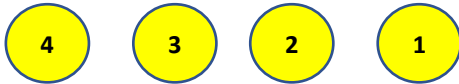
- 20.1. Prizes will be awarded to the overall top 3 competitors across the series. To qualify for inclusion in the final series results, a boat shall compete and be scored in at least 65 percent of the race heats completed.
20.2. The date for the awards ceremony will be at RYC on April 14th.

21. DISCLAIMER OF LIABILITY

- 21.1. Competitors participate in the event entirely at their own risk. See RRS rule 4. Raritan Yacht Club will not accept any liability for material damage or personal injury sustained in conjunction with or prior to, during, or after the event.

Appendix A – Course Diagrams

Mid Line Start



Course Options:

S/F-1-2-5-S/F

S/F-2-3-5-S/F

S/F-3-4-5-S/F

S/F-1-2-5-1-2-S/F

S/F-2-3-5-2-3-5-S/F

S/F-3-4-5-3-4-5-S/F

S/F line is open

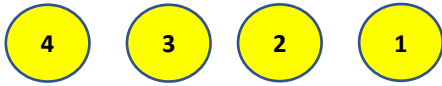
Mark 5 maybe a gate

There may be 1 windward mark with no offset



Appendix A – Course Diagrams

Leeward Start



Course Options:

S/F-1-2-S/F

S/F-2-3-S/F

S/F-3-4-S/F

S/F-1-2-5-1-2-S/F

S/F-2-3-5-2-3-S/F

S/F-3-4-5-3-S/F

Mark 5 maybe a gate

There may be 1 windward mark with no offset

