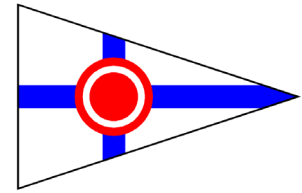




***** Sailing Instructions *****
Refraction Regatta
American Legion Yacht Club
Sunday, August 15, 2021



1. ORGANIZING AUTHORITY

1.1. American Legion Yacht Club (ALYC) is the Organizing Authority for the Refraction Regatta.

2. RULES

2.1. The Regatta will be governed by the rules as defined in 2021-2024 Racing Rules of Sailing, (RRS), the rules of the Performance Handicap Racing Fleet of Southern California (PHRF), and the Notice of Race.

2.2. The Race is classified as a Category "A" Event in accordance with ISAF Regulation 20.

2.3. Boats are subject to inspection by the appropriate fleet coordinator to ensure conformity to the applicable class rules, bylaws and/or measurement certificates.

2.4. US Sailing Safety Equipment Requirements (USSER) apply: Category US Nearshore.

2.5. In addition to USSER Category US Nearshore, all boats shall carry a functioning GPS.

3. NOTICES TO COMPETITORS

3.1. Notices to competitors will be posted on the Bulletin Board located at the ALYC clubhouse ("Hut") at 215 15th St., Newport Beach, CA, 92663 or on the website at www.alyc.com and www.regattanetwork.com/event/21849.

4. CHANGES TO SAILING INSTRUCTIONS

4.1. Any change to the Sailing Instructions will be posted at the ALYC hut bulletin board or on the website at www.alyc.com before 0900 on Sunday August 15. Any change to the schedule of races will be posted by 1900 hours on the day before the first race.

4.2 Oral changes may be made on the water (RRS 90.2). Code flag LIMA will be displayed and signaled by air horn. Participants will sail by the Race Committee Boat to receive oral instructions when code LIMA is displayed with several short blasts of an air horn.

5. SIGNALS MADE ASHORE

5.1 On August 15, 2021 signals made ashore will be displayed on the flagpole at ALYC.

6. SCHEDULE

6.1 The scheduled time of the first warning signal is 1110 hours.

7. CLASS FLAGS AND CLASS BREAKS

7.1 Class Breaks and Starting Assignments will be posted on the ALYC website and on the OFFICIAL Bulletin Board no later than 1700 hours the day before the first race.

7.2 Class Breaks will be based on Area D Random Leg course (RLC) Ratings.

8. CHECK-IN AND START

8.1 Check-in at the Race Committee boat at the starting line prior to the warning.

8.2 The Starting Line will be between an orange flag on the Race committee boat and a red flag on a staff.

8.3 The Start/Finish line will be located off the Santa Ana River jetty (approximate GPS coordinates of N33.37.153 and W117.57.395)

8.4 Approximate one-minute prior to the first warning signal for the start, Race Committee will sound multiple horn signals.

8.5 A boat whose warning signal has not been made shall stay clear of the starting area.

8.6 Races will be started using RRS 26 in the order shown below.

9. RACING AREA and COURSES TO BE SAILED

9.1. The Racing Area will be in the Pacific Ocean off Newport Beach and Course will be a random leg

9.2 Course 1: Start Proceed to the Oil Island **EMMY** taking to port – Pass Oil Island **Eva** to port - Finish. The handicap distance is 15.50NM

9.3 Course 2: Start Proceed to the Oil Island **EDITH** taking to port - Pass Oil Island **ELLEN-ELLY** to port - Pass Oil Island **EUREKA** to port – Finish. The handicap distance is 21.00 nm.

9.4 Racing yachts shall not interfere with deep draft vessels or their tow within Long Beach/Los Angeles harbor or their approaches or commercial traffic lanes. It is recommended that all competitors monitor Channel 14 when in commercial traffic lanes.

9.5 All marks are considered rounding marks.

9.6 The approximate lat/lon locations of the Oil Islands are:

EMMY N33.39.720 W118.02.690

EVA N33.39.700 W118.03.690

EDITH N33.35.750 W118.08.500

ELLEN-ELLY N33.35.000 W118.07.750

EUREKA N33.33.820 W118.07.000

10. Class Breaks and Starting Assignment

10.1 Class A/B will be PHRF. Class C will be PHRF Non-Spin

10.2 Class Flags (White with Black Letter)

START #	CLASS	FLAG
1	C	C
2	A	A
3	B	B

11. PENALTY SYSTEM

11.1 A boat may take a One-Turn Penalty consisting of one tack and one gybe, when she may have broken a rule of Part 2, Rule 31, or Rule 42 while racing. However, if a boat may have broken a rule of Part 2 within the zone of a mark other than a starting mark, the penalty that may be taken is a Two-Turn Penalty. This changes *RRS* 44.1..

12. TIME LIMITS

12.1 The Time Limit for the race 1630 hours.

12.2 Boats not finishing before the Time Limit will be scored Did Not Finish (DNF). This changes *RRS* 35.

13. PROTESTS

13.1 Any boat protesting **MUST** when crossing the finish line and indicate to the Race Committee which boat they are protesting.

13.2 Current Protest Forms available on Race Documents page 2.

Completed Protest Forms shall be emailed to race@alyc.com as soon as practical after the race.

13.3 Protest hearings will be heard as soon as practical.

14. SCORING

- 14.1** Scoring will be based on the Area D RLC Ratings.
- 14.2** The Low Point scoring system of RRS Appendix A will apply.

15. RETIREMENTS

- 15.1** A boat that retires from a race shall notify the Race Committee as soon as possible, either by VHF Channel 72 or telephone at 949-922-1926.

16. EQUIPMENT AND MEASUREMENT CHECKS

- 16.1** All yachts entered shall comply with the USCG regulations as well as the equipment requirements of the class in which they are racing.

17. RADIO COMMUNICATION

- 17.1** A competitor shall neither make radio transmissions while racing nor receive radio transmissions not available to all boats. These restrictions also apply to mobile and satellite telephone and other forms of wireless data communication.
- 17.2** Race Committee will monitor VHF Channel 72 and VHF Channel 16 for emergencies.

18. PRIZES

- 18.1.** Take Home Trophies will be awarded according to the following schedule:
- | | | | | | |
|----------|---|---|---|----|-------|
| Entries | 3 | 5 | 7 | 10 | 13 up |
| Trophies | 1 | 2 | 3 | 4 | 5 |

19. DISCLAIMER OF LIABILITY

- 19.1.** Competitors participate entirely at their own risk. See *RRS rule 3*, Decision to Race. The organizing authority will not accept any liability for material damage or personal injury or death sustained in conjunction with or prior to, during, or after the regatta.

20. INSURANCE

- 20.1** Each participating boat shall be insured with valid third-party liability insurance with a minimum cover of \$500,000 per event or the equivalent.

21. FURTHER INFORMATION

- 21.1** For further information please check the ALYC website at www.alyc.com or contact the Race Committee by telephone at 949-922-1926 or ALYC at 949-673-5002.