

2016 REFRACTION REGATTA

Sailing Instructions

Saturday and Sunday August 13-14, 2016

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 2013-2016 Racing Rules of Sailing, (RRS), the rules of the Performance Handicap Racing Fleet of Southern California (PHRF), and the Notice of Race, except as altered by these Sailing Instructions.

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. 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.

2.5. RRS 55 is changed by adding the following sentence to the rule: "However, discarding elastic or wool bands when setting a sail is permitted."

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

USSER can be found at: <http://www.ussailing.org/safety/equipment-and-requirements/>.

2.7. In addition to USSER, 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.

4. CHANGES TO SAILING INSTRUCTIONS

4.1. Any written change to the Sailing Instructions will be posted at the ALYC hut bulletin board or on the website at www.alyc.com before 0800 on Saturday August 13

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. Participant's failure to do so will not be subject to redress.

4.3. Any change to the schedule of races will be posted by 1900 hours on the day before the first race.

5. SIGNALS MADE ASHORE

5.1 On August 13 and August 14, 2016 signals made ashore will be displayed on the flagpole at ALYC.

5.2 When flag AP is displayed ashore, racing is postponed. First Warning will be no less than 2 Hour after AP is removed.

6. SCHEDULE

6.1. There is one race scheduled on August 13, 2016 and one race on August 14 2016.

6.2 The scheduled time of the first warning signal is 1155 hours on both August 13th and August 14th 2016.

7. RACING ROUTE

7.1. Courses will be random leg

7.2. SATURDAY, August 13th – Start approximately 1¼ nm west of the Newport Pier and proceed to use the Oil Islands of ELLY/ELLEN (approximate coordinates N33°35.00' W118°07.750'), and EUREKA (approximate coordinates N33°33.820' W118°07.00'), as **WINDWARD GATES** and finish approximately 1¼ nm west of the Newport Pier.

7.3. Sunday, August 14th – Start approximately 1¼ nm west of the Newport Pier and proceed to use the Oil Islands of ELLY/ELLEN (approximate coordinates N33°35.00' W118°07.750'), and EUREKA (approximate coordinates N33°33.820' W118°07.00'), as **WINDWARD GATES** and finish approximately 1¼ nm west of the Newport Pier.

7.4 All marks are considered rounding marks.

8. Recalls

8.1 Individual recalls will be signaled in accordance with *RRS* 29.1.

8.2 General recalls will be signaled in accordance with *RRS* 29.2.

9. Time Limits

9.1 The Time Limit for the race 1800 hours.

9.2 All boats finishing after the Time Limit will be scored Did Not Finish (DNF) without a hearing. This changes *RRS* 35.

10. Penalty System

10.1 A boat may take a One-Turn Penalty when she may have broken one or more rules of *RRS* Part 2. This changes Rules *RRS* 44.1..

11. Protest and Requests for Redress

11.1 A boat intending to protest shall comply with *RRS* 60 & 61.1 and notify the Race Committee at the finish line of her intention to protest and identify the other boats involved.

11.2 Protest shall be on written forms, which are available at the Hut or from the Race Committee. Completed protests shall be delivered to the Race Committee at the end on each race day, Saturday August 13th, and Sunday August 14, 2106 within the Protest time Limit.

11.3 For each class the Protest Time Limit for each day is 60 minutes after the Race Committee boat has docked/moored. This changes *RRS 61.3*

11.4 Notice of Protest by the Race Committee or Protest committee will be posted to inform boats under *RRS 61.1 (b)*.

11.5 Protest hearings will be held on Saturday, August 13th and Sunday August 14th, 2016 in the Hut and start within one hour of the Protest Time Limit.

12. Scoring

12.1 Daily scoring will be according to *RRS A4.1* Low Point System for each day's race.

12.2 PHRF boats with Spinnakers will be scored using the PHRF Area D Random Leg Course (RLC) Rating.

12.3 PHRF boats without Spinnakers will be scored using the PHRF Area D Random Leg Course (RLC) Rating plus its Non-Spinnaker Offset.

12.4 Cruising class boats will be scored using the PHRF Area D Random Leg Course (RLC) Rating plus the PHRF Non-Spinnaker Offset and the ALYC Cruising Class adjustments (attached as Appendix A). The completed Cruising Class Adjustments need to be submitted to race@alyc.com prior to 0830 on Saturday August 13th, 2016 .

12.5 There are no throw-outs. This changes *RRS A2*.

12.6 *RRS A9* shall not apply.

12.7 The handicap distance is as follows: 17nm.

13. Retirements

13.1 A boat that retires from the race shall notify the Race Committee on VHF Channel 16 or 72 or by phone: 949-922-1926 as soon as possible after retiring.

14. Official Boats

14.1 Official boats will be identified with Race Committee Flags and ALYC burgee.

15. Radio Communication

15.1 A competitor shall not make radio transmissions while racing except in an emergency or a safety-related situation. Boats racing shall only receive radio transmissions freely available to other racing boats. These restrictions also apply to mobile and satellite telephone and other forms of wireless data communication.

15.2 Race Committee will monitor VHF Channel 16 for emergencies.

15.3 It is recommended that contestants monitor VHF Channel 14 when in the area of the commercial traffic lanes.

15.4 If still sailing, boats with a Race Rating of 150 or greater shall hail the Race Committee on VHF Channel 72 at 1700 hours to advise of their approximate location.

16. Prizes

16.1. Take Home Trophies will be given out at 1930, Sunday August 14..

16.2. Take home trophies will be awarded as follows: Up to 4 boats in a class = one trophy; 5 to 8 boats in a class = two trophies; Greater than 9 boats in a class = three trophies

17. Disclaimer of Liability

17.1. Competitors participate entirely at their own risk. See *RRS rule 4*, 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 race.

18. Insurance

18.1 Each participating boat shall be insured with valid third-party liability insurance with a minimum cover of \$300,000 per event or the equivalent.

19. Class Break and Starting Assignment

19.1 Class Breaks will be determined using the PHRF Area D RLC Rating

19.2 Starting Assignments and Class Breaks will be posted at ALYC and on the ALYC website before 0800 hours on the day of the first race.

20. FURTHER INFORMATION

20.1 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.

APPENDIX A CRUISING CLASS RACING

1.0 PURPOSE

As PHRF has grown to accommodate more modern and competitive boats, yacht clubs and race organizers have attempted to provide a venue for production cruising boats to compete with similar boats at less expense. The purpose of this Appendix is to provide uniform guidelines for host yacht clubs and race organizers who wish to hold such events.

2.0 GENERAL POLICIES

- a. Boats designed primarily for racing should not be permitted to enter cruising class races.
- b. Marine Industry Racers (MIR) should not be permitted to sail aboard any boat in the cruising class.

3.0 CRUISING CLASS ADDITIONAL RULES

In addition to the PHRF Class Rules, the following rules apply to Cruising Class:

- a. Free-flying headsails (i.e., gennakers, cruising spinnakers, asymmetrical spinnakers, traditional symmetrical spinnakers, etc.) are not permitted in the Non-Spinnaker Cruising Class.
- b. Headsail systems must be of cruising design, with hanked-on or roller furling headsails. Foils, except when part of an operable furling system, and are not permitted.
- c. Dual headsails with whisker poles are permitted.
- d. Autopilots and windvanes are permitted unless otherwise restricted by the sailing instructions.
- e. Boats must have a “full cruising interior” as designed and manufactured.
- f. Mizzen staysails are not permitted, unless the boat is entered in a designated cruising spinnaker class.

4.0 CRUISING CLASS RATING / ADJUSTMENTS

The Cruising Class Rating shall be the boat’s applicable PHRF Rating, which may then be amended using the following recommended Adjustments:

(note: ** = plus PHRF Rating Adjustment of –6 sec./mi.)

- a. Fixed, 3-blade propeller +9 sec./mi
- b. Fixed 2-blade propeller +6 sec./mi.
- c. Roller furling headsail +6 sec./mi.
- d. Roller furling mainsail +9 sec./mi
- e. Jib LP less than 140% of J +9 sec./mi.
- f. Jib LP greater than 155% of J -6 sec./mi. **
- g. Mylar or Kevlar Jib -6 sec./mi. **
- h. Mylar or Kevlar Mainsail -6 sec./mi. **