



SCYA MIDWINTER REGATTA FEBRUARY 19 & 20, 2022



SAILING INSTRUCTIONS PHRF CLASSES

Dana Point Yacht Club
24399 Dana Drive, Dana Point, CA 92629

ORGANIZING AUTHORITY AND RACE MANAGEMENT

The Organizing Authority (OA) for this regatta is the Southern California Yachting Association (SCYA). The Dana Point Yacht Club Race Committee (RC) will manage this regatta and shall appoint a Protest Committee (PC).

1. RULES

- 1.1 The event is governed by the rules as defined in [The Racing Rules of Sailing](#).
- 1.2 [US Sailing Prescriptions](#) to Rule 63.2 will not apply.
- 1.3 The [US Safety Equipment Requirements](#) (SER) Near Shore Category will apply, except as modified by the Notice of Race or these Sailing Instructions.
- 1.4 The rules of [PHRF of Southern California](#) (PHRF) will apply.
- 1.5 **[DP]** RRS 64.2, Penalties is modified by adding: (c) When the protest committee decides a boat that is a party to a protest hearing has broken a rule, it may assign a time penalty to be added to the boat's corrected time.

2. CHANGES TO SAILING INSTRUCTIONS

- 2.1 Any change to the Sailing Instructions will be posted before 1030 on the day it will take effect, except that any change to the schedule of races will be posted by 2000 on the day before it will take effect.
- 2.2 Any changes to the Sailing Instructions after Friday, February 18, 2022 will be posted on the Secondary Regatta Notice Board located in the Horizon Bar area upstairs at DPYC.

3. COMMUNICATIONS TO COMPETITORS

- 3.1 Notices to competitors will be posted on the [Official Regatta Notice Board](#) on the Regatta Network website prior to Saturday, February 19, 2022.
- 3.2 Notices after Friday, February 18, 2022 will only be posted on the Secondary Regatta Notice Board located in the Horizon Bar area upstairs at DPYC.
- 3.3 On the water, the RC intends to monitor and communicate with competitors on VHF radio channel 69.
- 3.4 Racers should monitor VHF69 prior to and during all races for communications from the RC regarding courses, course changes and other pertinent race communications.
- 3.5 **[DP]** From the first warning signal until the end of each race, except in an emergency, a boat shall not make voice or data transmissions and shall not receive voice or data communication that is not available to all boats.

4. COMPETITOR'S MEETING

4.1 There will be a Competitor's Meeting at 0900 Saturday, February 19, 2022 at DPYC.

5. CODE OF CONDUCT

5.1 [DP] Competitors and support persons shall comply with reasonable requests from race officials.

6. SIGNALS MADE ASHORE

6.1 Signals made ashore will be displayed from the flag staff located on the upper deck of the DPYC clubhouse on the West Side of the building.

6.2 When flag AP is displayed ashore, "1 minute" is replaced with "not less than 60 minutes" in race signal AP (RRS).

7. SCHEDULE OF RACES & CLASS FLAGS

7.1 There are four (4) races scheduled. Three (3) Windward-Leeward races and one (1) Random Leg race. Races are scheduled as follows:

Saturday, February 19, 2022 (Windward-Leeward races)

Race 1 1155 First Warning Signal

Race 2 Warning Signal as soon as possible following the finish of Race 1.

Race 3 Warning Signal as soon as possible following the finish of Race 2.

Sunday, February 20, 2022 (Random Leg race)

Race 4 1155 First Warning Signal

7.2 The scheduled time of the Warning Signal for the first race each day is 1155 hours.

7.3 Classes and Class flags, in the order of start, are as follows:

<u>CLASS</u>	<u>CLASS FLAG</u>
PHRF A	A (white flag with dark letter)
PHRF B	B (white flag with dark letter)
PHRF C	C (white flag with dark letter)

7.4 Class breaks and confirmation of classes will be provided at the Competitor's Meeting.

7.5 At least two (2) races must be completed to constitute the Regatta.

8. THE RACING AREA

8.1 The race area will be as generally shown on Dana Point Race Chart v.8.0 and Appendix B included as part of these Sailing Instructions.

8.2 For Saturday's races, the starting area will be approximately 1.0 nautical miles at a bearing of 125° from the harbor entrance.

8.3 For Sunday's race the starting area will be as described on Dana Point Race Chart v.8.0.

9. COURSES

9.1 For windward-leeward courses the course will be selected from and are described on the Buoy Race Chart Supplement – Appendix A included as part of these Sailing Instructions.

- 9.2 For random leg courses the course will be selected from the Dana Point Race Chart v.8.0 included as part of these Sailing Instructions.
- 9.3 No later than the Warning Signal, numeral pennants will be displayed from the Race Committee signal boat to signal the course for each race.
- 9.4 For windward-leeward courses the approximate compass bearing from the leeward mark to the weather mark will be displayed on a board from the stern of the Race Committee signal boat no later than the Warning Signal for each race.

10. MARKS

- 10.1 The Starting and Finishing marks shall be a yellow tetrahedron at the outboard end of the Start/Finish line and a staff displaying an orange flag onboard the RC signal boat.
- 10.2 For Windward-Leeward courses Marks 1, 2, & 3 will be an orange inflatable tetrahedron.
- 10.2 New marks, as provided in SI 14, will be yellow inflatable tetrahedrons.
- 10.3 For Random Leg courses all marks will be as described on Dana Point Race Chart v.8.0.

11. OBSTRUCTIONS

- 11.1 The following objects and lines are considered obstructions:
 - 11.1.1 The Dana Point Harbor breakwater (jetty).
 - 11.1.2 The Start/Finish line, except when starting or finishing a race.

12. CHECKING IN

- 12.1 [DP] Before the first Warning Signal, a boat shall sail past the stern of the Race Committee boat when it is anchored on station in the starting area with code flag "L" being displayed, and hail its sail number until acknowledged by the Race Committee. A boat failing to do so will have a 10 minute time penalty added to their corrected finish time for their first race of the day.

13. THE START

- 13.1 The starting line is between a staff displaying an orange flag on or near the Race Committee signal boat at the starboard end and the course side of a yellow inflatable tetrahedron, the port-end starting mark.
- 13.2 [DP] Boats whose warning signal has not been made shall avoid the starting area during the starting sequence for other races.
- 13.3 If any part of a boat's hull is on the course side of the starting line at her starting signal and she is identified, the race committee will attempt to hail her sail number. Failure to hail her number, failure of her to hear such a hail, or the order in which boats are hailed will not be grounds for a redress for request. This changes RRS 62.1(a).
- 13.4 A boat that does not start within 4 minutes after her starting signal will be scored Did Not Start (DNS) without a hearing. This changes RRS A5.1 and A5.2. .

14. CHANGE OF THE NEXT LEG OF THE COURSE

- 14.1 To change the next leg of the course, the race committee will lay a new mark (or move the finishing line) and remove the original mark as soon as practicable. When in a subsequent change a new mark is replaced, it will be replaced by an original mark.

14.2 New marks will be as described in Instruction 10.2.

14.3 For Windward-Leeward courses any mark to be rounded after rounding the new mark may be relocated to maintain the original course configuration.

15. THE FINISH

15.1 The finishing line will be between a staff displaying an orange flag on or near the Race Committee boat and the course side of a yellow inflatable tetrahedron at the outboard end of that line.

16. PENALTY SYSTEM

16.1 US Sailing Prescriptions Appendix V will apply.

17. TIME LIMIT

17.1 Race Time Limit for the random leg course race only and the Finishing Window for all races are shown in the table below.

RLC Race Time Limit	Finishing Window
1500 Hours	30 minutes

17.2 The Finishing Window is the time for boats to finish after the first boat in their class sails the course and finishes. Boats failing to finish within the Finishing Window, and not subsequently retiring, penalized or given redress, will be scored Time Limit Expired (TLE) without a hearing. A boat scored TLE shall be scored points for the finishing place one more than the points scored by the last boat that finished within the Finishing Window. This changes RRS 35, A5.1, A5.2 and A10.

18. RETIRING FROM A RACE

18.1 [DP] A boat that retires from a race prior to finishing shall notify the RC at the first reasonable opportunity and obtain their acknowledgment before leaving the race course area by coming within hail or making contact on VHF69.

19. HEARING REQUESTS

19.1 The protest time limit is 30 minutes after the Race Committee Signal Boat docks. The time will be posted on the Secondary Regatta Notice Board in the Horizon Bar area upstairs at DPYC.

19.2 Hearing request forms are available from the race office and [online](#).

19.3 Notices will be posted no later than 30 minutes after the protest time limit to inform competitors of hearings in which they are parties or named as witnesses.

19.4 Arbitration as provided in RRS Appendix T will apply.

20. SCORING

20.1 The Low Point Scoring System, RRS Appendix A will be used.

20.2 Boats shall be scored using PHRF Area "E" ratings. If there is no Area "E" rating for a boat, the boat's PHRF Base ratings will be used.

20.3 Buoy ratings shall be used for the Windward-Leeward races. The Random Leg race shall be scored using Random Leg ratings.

20.4 At least two (2) races must be completed to constitute the Regatta.

21. PRIZES

21.1 Results will be announced at Dana Point Yacht Club as soon as possible after completion of the last race and resolution of all protests.

21.2 Trophies will be awarded for 1st through 3rd place in each class.

22. RISK STATEMENT

22.1 RRS 3 states: 'The responsibility for a boat's decision to participate in a race or to continue to race is hers alone.' By participating in this event each competitor agrees and acknowledges that sailing is a potentially dangerous activity with inherent risks. These risks include strong winds and rough seas, sudden changes in weather, failure of equipment, boat handling errors, poor seamanship by other boats, loss of balance on an unstable platform and fatigue resulting in increased risk of injury. **Inherent in the sport of sailing is the risk of permanent, catastrophic injury or death by drowning, trauma, hypothermia or other causes.**

23. INSURANCE

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

Mike Hatcher, John Berry & David Bolton

DPYC Race Co-Chairs

race@dpyc.org

John Berry

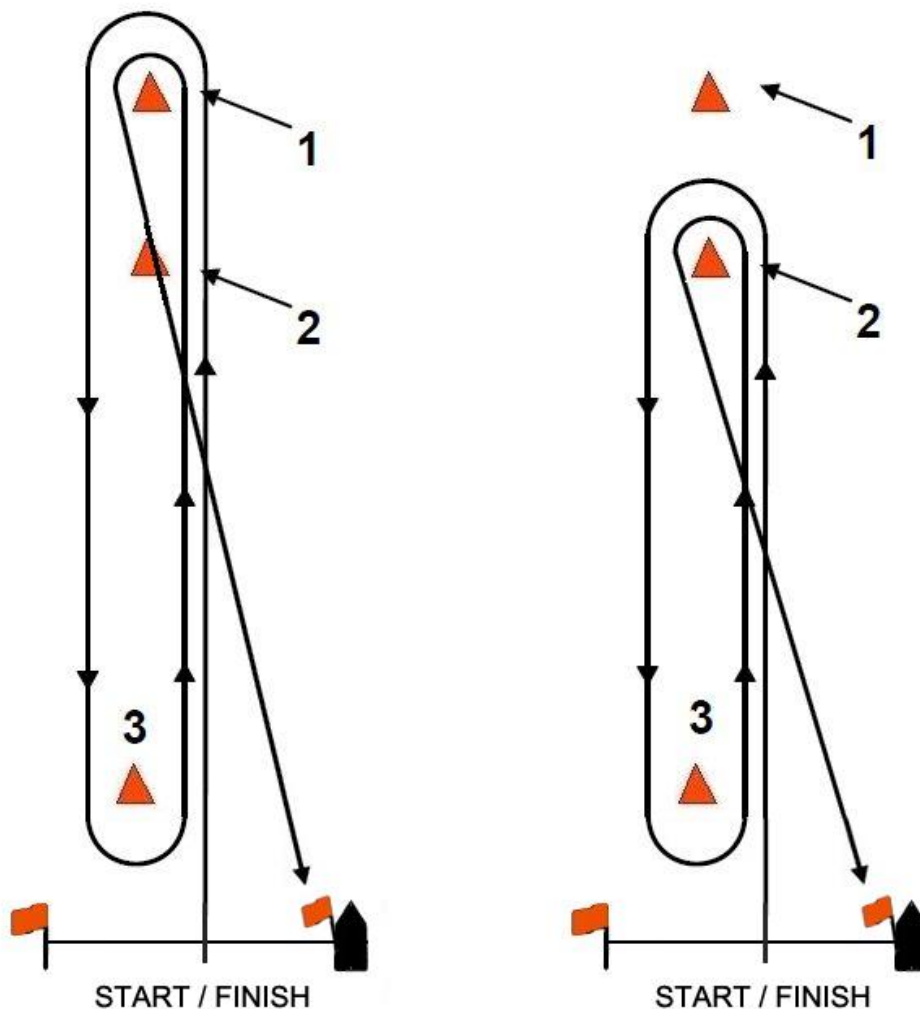
Regatta Chair & PRO

APPENDIX A – BUOY RACE CHART SUPPLEMENT

WINDWARD/LEEWARD - BUOY RACE COURSES

v3.0 Chart 'B'

(Long & Short Leg Course Examples)



Course #	Mark Rounding Order (all marks passed to port)	Distance*
1 (2 legs)	Start – 1 – Finish	2.50 N.M.
2 (4 legs)	Start – 1 – 3 – 1 – Finish	4.60 N.M.
3 (6 legs)	Start – 1 – 3 – 1 – 3 – 1 – Finish	6.70 N.M.
4 (4 legs)	Start – 1 – 3 – 2 – Finish	3.60 N.M.
5 (6 legs)	Start – 1 – 3 – 2 – 3 – 2 – Finish	4.70 N.M.
6 (6 legs)	Start – 1 – 3 – 2 – 3 – 1 – Finish	5.70 N.M.
7 (2 legs)	Start – 2 – Finish	1.50 N.M.
8 (4 legs)	Start – 2 – 3 – 2 – Finish	2.60 N.M.
9 (6 legs)	Start – 2 – 3 – 2 – 3 – 2 – Finish	3.70 N.M.

* Distances

Start / Finish to Mark 1 is 1.25 N.M. but may be adjusted.

Start / Finish to Mark 2 is 0.75 N.M. but may be adjusted.

Start / Finish to Mark 3 is 0.20 N.M. but may be adjusted.

Course Examples NOT drawn to scale



Dana Point Race Chart



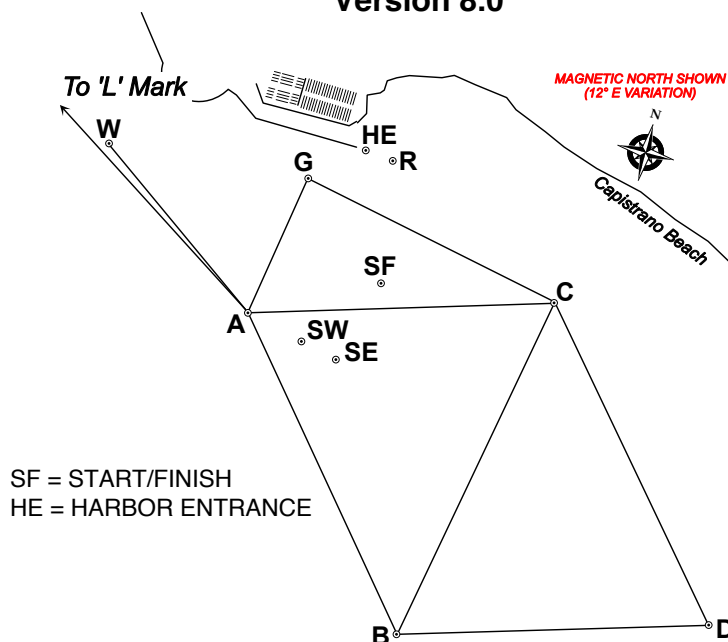
Not Drawn to Scale - Not for Navigation
Version 8.0

RACE COURSES

MARK LOCATIONS

SF	N33° W117°	26.480' 41.380'
A*	N33° W117°	26.320' 42.320'
B*	N33° W117°	24.440' 41.280'
C*	N33° W117°	26.380' 40.190'
D*	N33° W117°	24.490' 39.100'
G*	N33° W117°	27.100' 41.900'
HE	N33° W117°	27.250' 41.500'
L*	N33° W117°	29.730' 46.380'
R*	N33° W117°	27.200' 41.300'
W*	N33° W117°	27.300' 43.300'
SE	N33° W117°	26.043' 41.722'
SW	N33° W117°	26.150' 41.958'

*USCG reg. coordinates



LEAVE ALL MARKS TO PORT UNLESS INDICATED BY 's'

Marks A - D are yellow spar buoys
Mark G is a government green lighted buoy
Mark L is an orange and white striped spar buoy
Mark R is a government red nun buoy
Marks SE and SW are sewer outfall buoys
Mark W is a government red lighted whistle buoy

APPROXIMATE MAGNETIC BEARINGS AND DISTANCES

TO FROM	SF	A	B	C	D	G	HE	L	R	W	SE	SW
SF		248° 0.8 m	165° 2.0 m	083° 1.0 m	124° 2.8 m	314° 0.8 m	343° 0.8 m	NA	354° 0.7 m	286° 1.8 m	201° 0.5 m	223° 0.6 m
A	068° 0.8 m		143° 2.1 m	077° 1.8 m	112° 3.3 m	013° 0.9 m	025° 1.2 m	303° 4.8 m	032° 1.2 m	308° 1.3 m	107° 0.6 m	107° 0.4 m
B	345° 2.0 m	323° 2.1 m		013° 2.1 m	076° 1.8 m	337° 2.7 m	345° 2.8 m	309° 6.8 m	348° 2.8 m	318° 3.3	335° 1.6 m	330° 1.8 m
C	263° 1.0 m	257° 1.8 m	193° 2.1 m		142° 2.1	285° 1.6 m	297° 1.4 m	NA	300° 1.2 m	278° 2.8 m	244° 1.3 m	249° 1.5 m
D	304° 2.8	292° 3.3 m	256° 1.8	322° 2.1 m		306° 3.5 m	312° 3.4	NA	314° 3.3 m	297° 4.5	293° 2.7 m	293° 2.9 m
G	134° 0.8 m	193° 0.9 m	157° 2.7 m	105° 1.6 m	126° 3.5 m		055° 0.4 m	NA	067° 0.5 m	268° 1.2 m	160° 1.1 m	171° 1.0 m
HE	163° 0.8 m	205° 1.2 m	165° 2.8 m	117° 1.4 m	132° 3.4 m	235° 0.4 m		NA	099° 0.2 m	260° 1.5 m	178° 1.2 m	188° 1.2 m
L	NA	123° 4.8 m	129° 6.8 m	NA	NA	NA	NA		NA	121° 3.5 m	121° 5.4 m	122° 5.1 m
R	174° 0.7 m	212° 1.2 m	168° 2.8 m	120° 1.2 m	134° 3.3 m	247° 0.5 m	279° 0.2 m	NA		261° 1.7 m	185° 1.2 m	196° 1.2 m
W	106° 1.8 m	128° 1.3 m	138° 3.3 m	098° 2.8 m	117° 4.5 m	088° 1.2 m	080° 1.5 m	301° 3.5	081° 1.7 m		122° 1.8 m	124° 1.6 m
SE	021° 0.5 m	287° 0.6 m	155° 1.6 m	064° 1.3 m	113° 2.7 m	340° 1.1 m	358° 1.2 m	301° 5.4 m	005° 1.2 m	302° 1.8 m		287° 0.2 m
SW	043° 0.6 m	287° 0.4 m	150° 1.8 m	069° 1.5 m	113° 2.9 m	351° 1.0 m	008° 1.2 m	302° 5.1 m	016° 1.2 m	304° 1.6 m	107° 0.2 m	

Table based on magnetic variation of 12° E

Rev. 2020-09-08

#	DESCRIPTION	NM
1	SF A	1.6
2	SF A C	3.6
3	SF A C A	5.2
4	SF A C A C A C	10.7
5	SF A C G A	5.8
6	SF A C G A C	7.8
7	SF A C G W A C	9.4
8	SF A C As G W A C	10.5
9	SF As G W A C A	8.5
10	SF As G W B C	9.3
11	SF As G W B D C	11.1
12	SF A B C	6.0
13	SF A B C A	7.6
14	SF A B C A C	9.6
15	SF A B C B C	10.3
16	SF A B C A C A C	13.1
17	SF A B D C	7.8
18	SF A B D C A	9.4
19	SF A B D C A C	11.4
20	SF A B D C Bs As	11.8
21	SF A B C G A C	10.2
22	SF A D C	7.2
23	SF A D As	8.1
24	SF A D C A C	10.7
25	SF As W B D As	11.3
26	SF As W B C A C	12.1
27	SF A Ds Bs C W A	12.9
28	SF B	4.1
29	SF B C	5.2
30	SF B C A	6.8
31	SF B C G A	7.4
32	SF B C W A	9.0
33	SF B G A C A	10.0
34	SF B D C	7.0
35	SF B D C A	8.6
36	SF B D C A C	10.5
37	SF B D B D C A	12.2
38	SF D	5.5
39	SF D C A	7.4
40	SF D A B C	11.2
41	SF W A	3.9
42	SF W A Cs Bs C	10.1
43	SF W B C	8.3
44	SF W D	9.1
45	SF W D As	10.4
46	SF W D W A	12.9
47	SF Ws L A	11.0
48	SF Ws L A C	12.9
49	SF Ws L B C	15.3
50	To be announced by RC	

APPENDIX B – RACE AREA

