



# **RICHARD HENRY DANA** *Charity Regatta*®

September 10-11, 2022

## **SAILING INSTRUCTIONS**

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 Dana Point Yacht Club (DPYC). 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 this Notice of Race or the 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 prior to Saturday, September 10, 2022 will be posted on the online [Official Notice Board](#) on the Regatta Network website.
- 2.2 Any changes to the Sailing Instructions after Friday, September 9, 2022 will only be posted on the Secondary Notice Board located upstairs at DPYC.

### **3. COMMUNICATIONS TO COMPETITORS**

- 3.1 Notices to competitors prior to Saturday, September 10, 2022 will be posted on the online [Official Notice Board](#) on the Regatta Network website.
- 3.2 Notices to competitors after Friday, September 9, 2022 will only be posted on the Secondary Regatta Notice Board located upstairs at DPYC.
- 3.3 On the water, the RC intends to monitor and communicate with competitors on VHF 69.

- 3.4 Racers should monitor VHF 69 prior to and during the race 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 0930 hours on Saturday, September 10, 2022.

**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, CLASSES AND CLASS FLAGS**

- 7.1 **PHRF Spinnaker Fleet** – Four (4) races are scheduled:  
 Saturday, September 10, 2022 – Three (3) windward-leeward races are scheduled.  
 Sunday, September 11, 2022 – One (1) random leg race is scheduled.
- 7.2 **Non-Spinnaker Fleet & Multihull Fleet** – Two (2) races are scheduled:  
 Saturday, September 10, 2022 – One (1) random leg race is scheduled.  
 Sunday, September 11, 2022 – One (1) random leg race is scheduled.
- 7.3 The first Warning Signal each day will be at 1155 hours for all classes.
- 7.4 Classes and Class flags in the order of start, are as follows:

<u>CLASS</u>	<u>CLASS FLAG</u>
<b>Non-Spinnaker &amp; Multihull</b>	<b>D</b> (white flag with dark letter)
<b>PHRF C</b>	<b>C</b> (white flag with dark letter)
<b>PHRF B</b>	<b>B</b> (white flag with dark letter)
<b>PHRF A</b>	<b>A</b> (white flag with dark letter)

- 7.5 No warning signal will be made after 1500 on each day of racing.

## **8. CLASSES**

- 8.1 There are 3 Fleets in this regatta; PHRF, Non-Spinnaker and Multihull.
- 8.2 These fleets may be divided into classes depending upon the type and number of entries received in each fleet.
- 8.3 Non-Spinnaker classes shall be restricted in the use of headsail types.
  - 8.3.1 Gennakers or any sail forward of the mast and not affixed to the headstay are not allowed.
  - 8.3.2 Double headsails, where both of their luffs are attached to the headstay are allowed.
- 8.4 Class breaks and confirmation of classes will be provided at the Competitor's Meeting.

## **9. THE RACING AREA**

- 9.1 The race area is the Pacific Ocean nearshore and as generally shown on Dana Point Race Chart v.8.0 included as part of these Sailing Instructions.

## **10. COURSES**

- 10.1 For windward-leeward courses the course will be selected from the Buoy Race Chart Supplement included as part of these Sailing Instructions.
- 10.2 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.
- 10.3 No later than the first Warning Signal, numeral pennants will be displayed from the Race Committee signal boat to signal the course of the race.
- 10.4 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 RC signal boat no later than the Warning Signal for each race.

## **11. MARKS**

- 11.1 The Starting and Finishing marks shall be a staff displaying an orange flag.
- 11.2 Marks 1, 2 and 3 for windward-leeward courses selected from the Buoy Race Chart Supplement are orange inflatable tetrahedrons.
- 11.3 All other marks are as described on Dana Point Race Chart v.8.0.

## **12. CHECKING IN**

- 12.1 Before the first Warning Signal each boat shall sail past the stern of the RC signal boat when it is anchored on station in the starting area with code flag "L" displayed and hail its sail number until acknowledged by the Race Committee. A boat failing to do so will have a 15 minute time penalty added to their corrected time for their first race of the day.

### 13. THE START

- 13.1 Races will be started using RRS 26.
- 13.2 The starting line will be between two staffs each with an orange flag. One will be on or near the Race Committee signal boat at the starboard end and the other attached to an anchored buoy at the port end of the line.
- 13.3 **[DP]** Boats whose warning signal has not been made shall avoid the starting area during the starting sequence for other races.
- 13.4 The RC will attempt to hail any boat it identifies as OCS on VHF69. Failure to make a hail, failure of communications equipment, failure of her to hear such a hail, or the order in which boats are hailed will not be grounds for a request for redress. This changes RRS 62.1(a).
- 13.5 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.
- 13.6 No warning signal will be made after 1500 on each day of racing.

### 14. THE FINISH

- 14.1 The finishing line will be between two staffs each with an orange flag. One will be on or near the Race Committee signal boat and the other attached to an anchored buoy at the outboard end of that line.

### 15. PENALTY SYSTEM

- 15.1 US Sailing Prescriptions Appendix V will apply.

### 16. TIME LIMIT AND TARGET TIMES

- 16.1 Race Time Limits and the Finishing Windows are shown below.

<b>Saturday Races</b>	<b>PHRF WL Races</b>	<b>Non-Spin &amp; Multihull</b>
<u>Race Time Limit</u>	<u>Finishing Window</u>	<u>Finishing Window</u>
1530 Hours	30 minutes	60 minutes
<b>Sunday Races</b>	<b>All Classes</b>	
<u>Race Time Limit</u>	<u>Finishing Window</u>	
1530 Hours	60 minutes	

- 16.2 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.

16.3 Failure to meet the Target Times will not be grounds for redress. This changes RRS 62.1(a).

## **17. RETIRING FROM A RACE**

17.1 **[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. If this is not possible, she shall promptly report her actions to Race Headquarters on shore.

## **18. HEARING REQUESTS**

18.1 The protest time limit is 1700 or 60 minutes after the signal boats docks, whichever is earlier. The time will be posted on the Secondary Notice Board upstairs at DPYC.

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

18.3 The Protest Committee will post a list of the protests filed, the times and place(s) for the hearings, on the Secondary Notice Board. Boats are responsible for checking this posting. Failure to do so is not an excuse to be absent from a hearing.

18.4 Protests involving violations of one-design class rules will not be heard by the PC.

18.5 Arbitration as provided in RRS Appendix T will apply.

## **19. SCORING**

19.1 The Low Point Scoring System, RRS Appendix A will apply. A boat's total score will be the sum of her scores for all races. This changes RRS A2.

19.2 PHRF Area E ratings or OA assigned rating will be used for scoring.

19.3 WL ratings shall be used for the windward-leeward races. Random leg races shall be scored using PHRF RLC ratings.

19.4 The Non-Spinnaker Fleet will be scored with their non-spinnaker offset added.

## **20. PRIZES**

20.1 Results will be announced and trophy presentations made as soon as possible after completion of the last race and resolution of all protests on Sunday, September 11, 2022.

20.2 The Richard Henry Dana Charity Regatta® perpetual trophy and a take home trophy will be awarded to the PHRF Spinnaker Class boat with the lowest total overall score.

20.3 A trophy will be awarded to the highest fundraiser in the regatta.

20.4 Trophies for PHRF Spinnaker and Non-Spinnaker Fleets will be awarded for 1st, 2nd and 3rd place Overall in all classes.

20.5 Multihull Fleet will be awarded a trophy for 1st Overall.

## 21. RISK STATEMENT

21.1 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.**

## 22. INSURANCE

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

### Regatta Chair & PRO

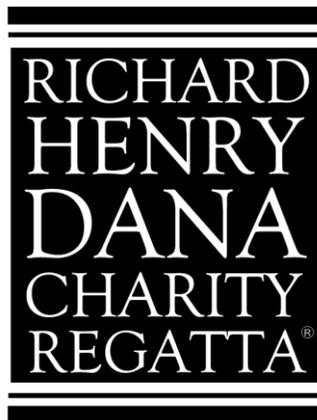
John Berry  
[race@dpyc.org](mailto:race@dpyc.org)

### DPYC Race Co-Chairs

Mike Hatcher, John Berry & David Bolton  
[race@dpyc.org](mailto:race@dpyc.org)

### Dana Point Yacht Club

949.496.2900  
[www.dpyc.org](http://www.dpyc.org)



All Proceeds Benefit

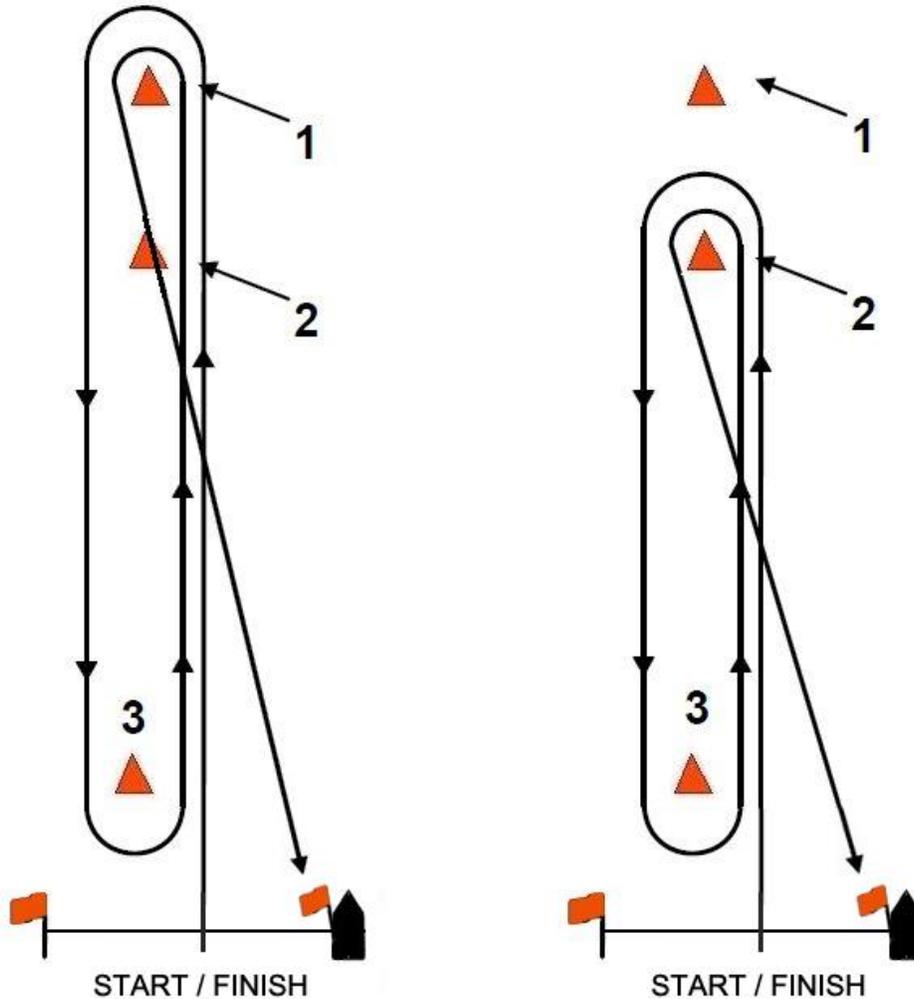


# APPENDIX A – BUOY RACE CHART SUPPLEMENT

## 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



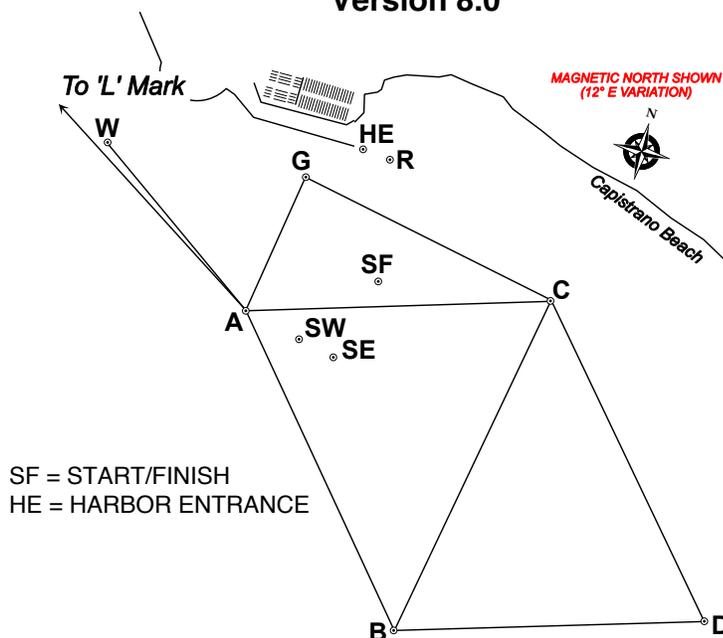
Not Drawn to Scale - Not for Navigation  
Version 8.0

## RACE COURSES

### MARK LOCATIONS

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

\*USCG reg. coordinates



SF = START/FINISH  
HE = HARBOR ENTRANCE

### 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
<b>SF</b>		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
<b>A</b>	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>B</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
<b>C</b>	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
<b>D</b>	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
<b>G</b>	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
<b>HE</b>	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
<b>L</b>	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
<b>R</b>	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
<b>W</b>	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
<b>SE</b>	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
<b>SW</b>	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 A s G W A C	10.5
9	SF A s G W A C A	8.5
10	SF A s G W B C	9.3
11	SF A s 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 B s A s	11.8
21	SF A B C G A C	10.2
22	SF A D C	7.2
23	SF A D A s	8.1
24	SF A D C A C	10.7
25	SF A s W B D A s	11.3
26	SF A s W B C A C	12.1
27	SF A D s B s 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 C s B s C	10.1
43	SF W B C	8.3
44	SF W D	9.1
45	SF W D A s	10.4
46	SF W D W A	12.9
47	SF W s L A	11.0
48	SF W s L A C	12.9
49	SF W s L B C	15.3
50	To be announced by RC	