

# Sailing Instructions

## 2024-25 BYC Chowder Races



### 1. Rules

- 1.1. The Sunday Chowder Races will be governed by the current *Racing Rules of Sailing*, (RRS) the prescriptions of US Sailing, the Northern California PHRF rules, the Notice of Race and these Sailing Instructions.
- 1.2. RRS 40 is changed to read "Competitors shall wear personal flotation devices while on race course, except briefly while changing clothing or personal equipment." Y flag will not be flown.
- 1.3. Single-handed boats are permitted to use an autopilot. This changes RRS 52.
- 1.4. RRS 75 requiring membership in a yacht or sailing club is waived. RRS 62.1, 63.2 and 63.6 are replaced by the BYC Rolling Mediation Protocol available on the BYC Website.

### 2. Schedule

- 2.1. Sundays October 6th through March 9th with the exceptions of November 10th, December 15th, January 12th, February 9th.

### 3. Start Times

- 3.1. Time will be synchronized to UTC (Coordinated Universal Time). All RC timing signals are optional and approximate.
- 3.2. Times:

3.2.1.1.	Warning	12:55
3.2.1.2.	Start	13:00

### 4. Scoring

- 4.1. Scoring is calculated using PHRF time on time formula. Time Correction Factors are calculated as  $TCF = 650 / (550 + PHRF)$ 
  - 4.1.1. An allowance of -4% will be given to boats rated with a spinnaker but not attempting to fly one during the race. To receive the credit, signal when crossing the finish line by waving a buoyant cushion or life jacket.
  - 4.1.2. An allowance of -2% will be given to boats using only roller-furling headsails for upwind legs of the race. Boats that normally use roller-furling for one-design racing and boats with recessed drums that allow full-hoist roller-furling jibs are not eligible for this credit.

### 5. Divisions

- 5.1. There will be one start for all monohull and multihull boats. Multihull boats will be scored as a separate division from monohulls.

### 6. Communication

- 6.1. Pre-race communications, including cancellations, will be posted to the beer can racers email list; [berkeleyyc-beercan-racers@googlegroups.com](mailto:berkeleyyc-beercan-racers@googlegroups.com).
- 6.2. VHF radio channel 79 will be used for all on-the-water communication, including modifications to these SIs, course announcements, postponements, recalls, etc. Participants should monitor radio communications throughout the race.
- 6.3. Sound signals may be used at the discretion of RC: Single signal for both warning and start.
- 6.4. Race results shall be announced in BYC after the race and are available on the BYC website.

### 7. Start/Finish

- 7.1. Starting Line is between the BYC starting mark and either (a) the radio antenna of the anchored RC boat (or orange flag if displayed), or (b) a buoy dropped by RC.
- 7.2. Finish Line is between the second stanchion—inclusive of corner stanchion—on the north side of the BYC deck (or orange flag if displayed) and the speed limit sign on the opposite side of the marina entrance.
  - 7.2.1. If there is no race committee at the finish line, each finishing boat takes its own time and sends an email with its finish time to [beercan@berkeleyyc.org](mailto:beercan@berkeleyyc.org).
  - 7.2.2. If a boat runs aground inside the breakwater, their finish time shall be the time the Boat comes to a complete stop plus one minute.
- 7.3. The RC boat is permitted to race by employing a buoy to form the start line and declaring an honor start.

## **8. Courses & Marks**

- 8.1. Courses will be signaled by numeral pennants in races where a RC boat is on station. In cases of an honor start, courses shall be announced by RC ten minutes prior to start (i.e. 12:50) via VHF channel 79. See Attachment A for full course descriptions.

## **9. Protests**

- 9.1. Protests will be resolved in accordance with the ISAF RRS as amended by the BYC Rolling Mediation Protocol. Protests should be resolved on the water; unresolved protests must be properly filed with the RC within one hour of the last boat finishing.

## **10. Withdrawal**

- 10.1. A boat that retires from a race shall notify the race committee by radio on Channel 79 or by phone to the BYC office at the first reasonable opportunity.

**It shall be the sole responsibility of each yacht to decide whether or not to start or to continue to race.**

## Attachment 1: BYC Friday Night / Chowder Race Courses 2024

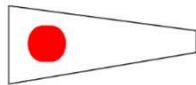
Courses are shown in the tables below.

- Course numbers are signaled by numeral pennants or announced on channel 79.
- The letter denotes the mark name. See the chartlet on page 3 of the SIs
- S denotes a starboard rounding, leave the mark to starboard.
- P denotes a port rounding, leave the mark to port.

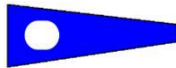
Course	5	13	14	25	41	43	45	53	123	143	213	241	314	341	1234
Marks	Start	Start	Start	Start	Start	Start	Start	Start	Start	Start	Start	Start	Start	Start	Start
	D-P	D-P	D-S	F-P	D-S	X-P	G-P	X-P	X-P	X-P	F-P	F-P	G-P	G-P	Custom
	BYC-S		X-S	BYC-S	X-S		BYC-S	BYC-S	D-P	D-P		D-P		D-P	
	D-P			X-P	D-P		X-P	X-P		X-S					
Finish	Finish	Finish	Finish	Finish	Finish	Finish	Finish	Finish	Finish	Finish	Finish	Finish	Finish	Finish	Finish
Distance	5.4	2.9	4.3	8.6	4.9	3.7	7.9	6.9	4.2	5.2	5.3	5.5	5.7	6.1	TBD

### Course 1234:

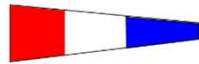
Custom course announced via VHF at least ten minutes before the start of the division.



1



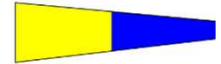
2



3



4



5

### *BYC Friday Night / Chowder Race Legs*

Distance in nautical miles

Course in degrees magnetic

	BYC	D	F	G	X	Finish
Start		1.26 227	2.49 250	2.64 267	1.64 265	0.39 86
D	1.26 47		1.41 270	1.85 293	1.00 315	1.58 56
F	2.49 69.7	1.41 90		0.77 338	1.00 45	2.86 72
G	2.64 86.6	1.85 113	0.77 158		1.00 90	3.02 87
X	1.64 84.5	1.00 135	1.00 225	1.00 270		2.02 85

### *BYC Friday Night / Chowder Race Mark Positions*

Circle mark positions based on:

Mark D at 37-51.462 x 122-20.965

Mag. variation 14.4 deg east (2010)

Classic Berkeley Circle configuration

For guidance only - not for use in navigation

BYC	37- 52.07	122- 19.56
D	37- 51.46	122- 20.97
F	37- 51.81	122- 22.70
G	37- 52.57	122- 22.84
X	37- 52.32	122- 21.61
Finish	37- 52.00	122- 19.08

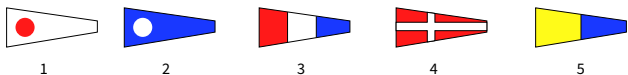
# BYC Friday Night & Chowder Race Courses 2024

Courses are shown in the tables below:

- Course numbers are signaled by numeral pennants or announced on **VHF channel 79**.
- The letter denotes the mark name.
- **S** denotes a starboard rounding, leave the mark to starboard.
- **P** denotes a port rounding, leave the mark to port.

**Course 1234:** Custom course announced via VHF at least ten minutes before the start of the division.

Course	5	13	14	25	41	43	45	53	123	143	213	241	314	341	1234
Start	D-P	D-P	D-S	F-P	D-S	X-P	G-P	X-P	X-P	X-P	F-P	F-P	G-P	G-P	Custom
Mark	BYC-S		X-S	BYC-S	X-S		BYC-S	BYC-S	D-P	D-P		D-P		D-P	
Finish	D-P		X-P	D-P			X-P	X-P							
Distance	5.4	2.9	4.3	8.6	4.9	3.7	7.9	6.9	4.2	5.2	5.3	5.5	5.7	6.1	TBD

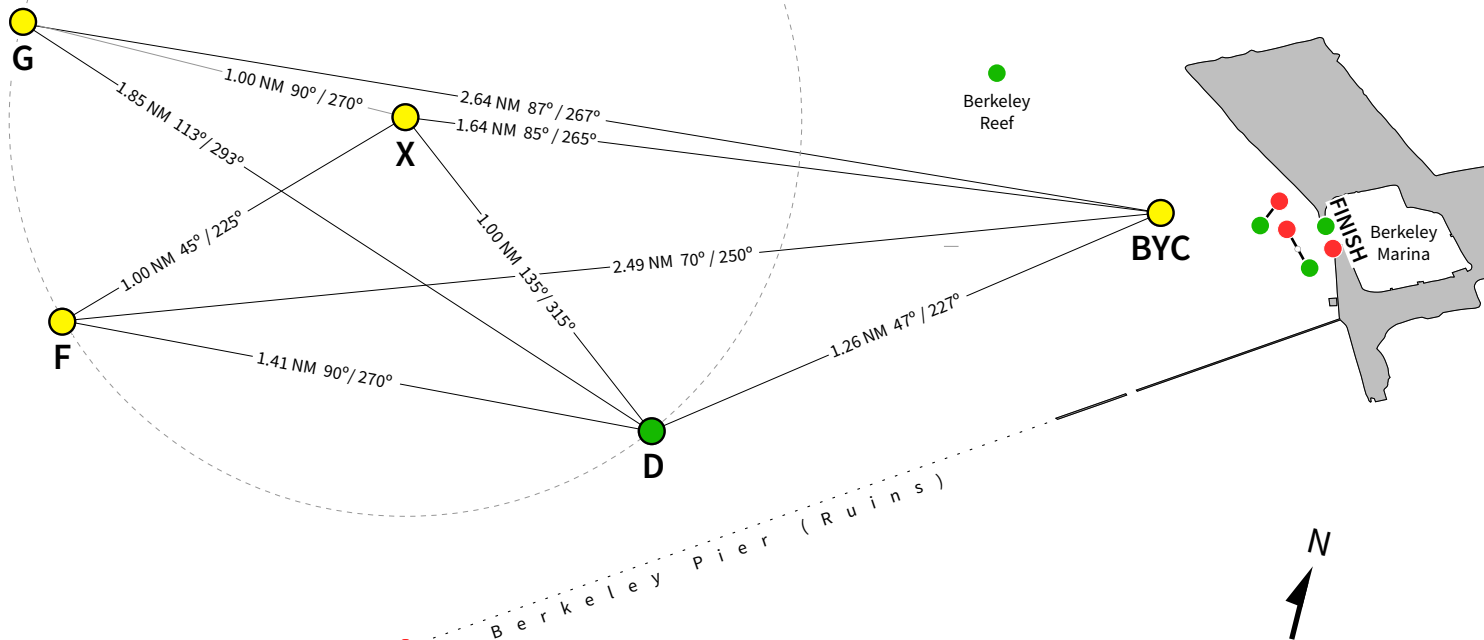


● Southampton Shoal Light

BERKELEY OLYMPIC CIRCLE

### Approx. Mark Locations

**BYC** 37°52.07'N 122°19.56'W  
**D** 37°51.46'N 122°20.97'W  
**F** 37°51.81'N 122°22.70'W  
**G** 37°52.57'N 122°22.84'W  
**X** 37°52.32'N 122°21.61'W  
**FINISH** 37°52.00'N 122°19.08'W



Bearings shown in degrees magnetic  
Mag. variation 14.4 deg east (2010)