

Sailing Instructions

2022-23 BYC Chowder Races



1. Rules

- 1.1. The Sunday Chowder Races will be governed by the 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. 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. Eligibility & Entry

- 2.1. Sailing vessels that meet NCPHRF or SFBAMA minimum requirements are invited to participate.
- 2.2. Eligible boats may enter once electronically through the BYC website berkeleyyc.org/racing page.
- 2.3. A PHRF or BAMA rating certificate is not required. In the absence of a certificate, a provisional rating will be assigned.

3. Schedule

- 3.1. Sundays October 8th through March 10th with the exceptions of November 12th, December 10th, January 14th, February 11th.

4. Start Times

- 4.1. Time will be synchronized to UTC (Coordinated Universal Time). All RC timing signals are optional and approximate.
- 4.2. Times:
 - 4.2.1.1. Warning 12:55
 - 4.2.1.2. Start 13:00

5. Scoring

- 5.1. Scoring is calculated using PHRF time on time formula. Time Correction Factors are calculated as $TCF = 650 / (550 + PHRF)$
 - 5.1.1. 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.
 - 5.1.2. 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.

6. Divisions

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

7. Communication

- 7.1. Pre-race communications, including cancellations, will be posted using BYC communication channels: BYC website racing group and beercan racers email list; berkeleyyc-beercan-racers@googlegroups.com.
- 7.2. 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.
- 7.3. Sound and flag signals may be used at the discretion of RC. Sound: single signal for both warning and starts.
- 7.4. Race results shall be announced in BYC after the race whenever possible and are available on the BYC website.

8. Start/Finish

- 8.1. Starting Line is between the BYC starting mark and either (a) the mast of the anchored RC boat (or orange flag if displayed), or (b) a buoy dropped by RC.
- 8.2. 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.

8.2.1. 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.

8.2.2. 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.

8.3. The RC boat is permitted to race, either by (a) slipping anchor from the starting line station to join the race after the start or (b) employing a buoy to form the start line and declaring an honor start. Boats on the pre-start side of the starting line when the RC boat leaves station will be considered to have started properly.

9. Courses & Marks

9.1. 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.

10. Protests

10.1. 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.

11. Withdrawal

11.1. 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.

BYC Friday Night / Chowder Race Courses 2023

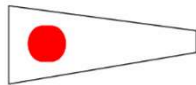
Courses are shown in the tables below.

- 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:

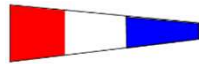
Custom course announced via VHF at least five minutes before the start of the division.



1



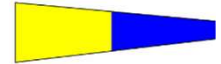
2



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:

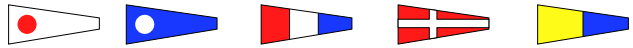
Mark D at 37-51.462 x 122-20.965

Mag. variation 14.4 deg east (2010)

Classic Olympic 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 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

