

SAILING INSTRUCTIONS FRIDAY NIGHT RACES 2020

Rules Current World Sailing Racing Rules as adopted by US Sailing and as modified by these instructions.

Handicap Northern California PHRF ratings will be used for time-on-distance handicapping. A copy of the current PHRF certificate is recommended, otherwise the Race Committee will assign a provisional rating. A copy of a PHRF certificate for an identical yacht may be acceptable for some classes.

No-spinnaker Rating Credit A rating credit of 18 sec/mile is available to boats rated with a spinnaker but electing not to fly one during the race. To receive the credit, signal when crossing the finish line by waving a buoyant cushion or life jacket.

Roller-Furling Rating Credit A rating credit of 12 sec/mile 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.

Divisions Division 1, First Start: PHRF 173 or slower **or** LOA less than 29 (slow or small)
 Division 2, Second Start: PHRF 172 or faster **and** LOA 29 or more (fast and big)

(for division assignment, PHRF is without the no-spin credit but with the roller furling credit if applicable)

Starting Line Between the mast of the anchored RC boat and a starting mark located within 1/4 mile of the entrance to the Berkeley Marina. A starting limit mark may be used. If the RC boat is not anchored and two buoys are set, the starting line is between the two buoys.

Finish Line Between the chair nearest the northwest corner of the Berkeley Yacht Club deck and the speed limit sign on the opposite side of the marina entrance. If a boat runs aground east of the breakwater, the finish time shall be taken when the boat comes to a stop. The RC may not be on station after 9 pm. Boats finishing after 9 pm should record their own finish times.

UTC Time Time will be synchronized to UTC (Coordinated Universal Time). There will be no visual signals for timing the start. UTC time is available from WWV time signals or a GPS receiver. All RC sound signals are optional and approximate.

Start Times

PREPARATORY	6:40	one sound signal
START, Division 1	6:45	one sound signal
START, Division 2	6:55	one sound signal



Recall Signals

INDIVIDUAL RECALL	VHF hail or code flag X	one additional sound signal
GENERAL RECALL	VHF hail or first substitute	two additional sound signals

New start exactly 5 minutes after scheduled start (no change to subsequent start times).



Postponement

POSTPONEMENT	Answering pennant	two sound signals
END OF POSTPONEMENT	Answering pennant down	one sound signal

New preparatory signal at next UTC five-minute point, new start 5 minutes later.
 Subsequent starts at scheduled time intervals.
 The P flag will be displayed approximately at the preparatory signal for the postponed start.
 The RC may modify a postponed starting sequence via VHF channel 79.



Course Signals COURSE SIGNALS Numeral pennants displayed at or prior to the preparatory signal.



VHF Hails VHF RADIO AND VOICE COMMUNICATION
 The RC may use VHF channel 79 and/or amplified voice hails to supplement visual signals or to announce changes to courses or instructions.

Personal Flotation Competitors are reminded that code flag Y displayed by the RC boat requires that all crew wear adequate personal flotation while on deck. RSS 40 is modified to make the sound signal optional.



Protests Protests shall be submitted to the Race Committee in writing within 90 minutes of the time the protesting yacht finishes or withdraws. Unless there is serious damage or injury, protest hearings will be conducted according to the BYC Rolling Mediation Hearing protocol, as in Appendix A to these instructions. This modifies RRS 61.2, 63.2, 63.3, 63.4 63.6. Protests are not discouraged. If there is injury or serious damage, protest hearings shall be in accordance with unmodified RRS at a time and date acceptable to all parties.

Decisions resulting from Rolling Mediation may be appealed in-house and reviewed in accordance with unmodified RRS.

Commercial Vessels & Fishing Lines Competitors shall keep clear of commercial vessels, fishing boats, other right-of-way vessels not racing. The Race Committee may initiate protests on the basis of reported violations of this instruction, and the time limit for receiving such reports and initiating action is 8:30 PM on the seventh day after the incident.

Season score The division winner is the boat with the greatest number division first place corrected-time finishes for the series. Ties shall be broken in favor of the boat that won the most recent race. The first and second half-seasons are scored separately: There was no first half-season in 2020, the second half-season is September 4 through September 25.

Changes Changes or additions to these instructions will be posted on the BYC bulletin board before 6:00 PM, or announced from the committee boat by VHF channel 79 or voice hail. Changes may also be posted at <http://www.BerkeleyYC>

Friday Night and Chowder Courses

1	2	3	4	12	13	14	21	23	24	31	32	34	41	42	43	123	124	134
E-P	E-S X-S	E-P C-P D-P	E-S B-S D-P	E-S B-S	D-P	D-S X-S	D-P C-P D-P	D-P C-P X-S	D-S C-P B-S	D-S B-P X-P	D-s B-s D-p	D-S B-P F-P	D-S X-S D-P	C-P	X-P	X-P D-P	X-S B-S	X-S B-P X-P

Distance:

4.3 5 5.8 6.8 5.3 2.9 4.3 4.4 5.1 4.2 5.7 5.7 7.5 4.9 1.7 3.7 4.2 4 5.7

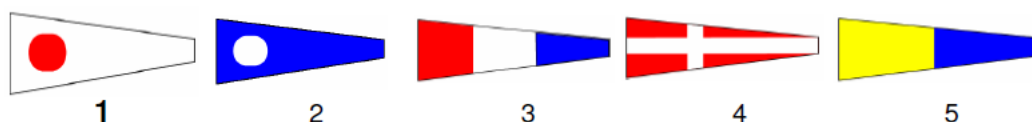
143	231	213	241	214	312	321	314	341	5	51	52	53	54	15	25	35	45	432
X-P D-P X-S	X-P C-P X-P	F-P	F-P D-P	F-S B-S	F-P E-P B-S	F-P C-P F-P	G-P	G-P D-P	D-P BYC-S D-P	D-P BYC-P C-P	E-P BYC-S D-P	X-P BYC-S X-P	E-P BYC-P C-P	C-P BYC-S C-P	F-P BYC-S X-P	F-P BYC-S C-P	G-P BYC-S X-P	8-P

Distance:

5.2 5.7 5.3 5.5 5.9 6.5 9.1 5.7 6.1 5.4 4.2 6.9 6.9 5.7 3 8.6 6.7 7.9 7.5

Course 1234:

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



Friday Night and Chowder Race Legs

Distance in nautical miles
Course in degrees magnetic

	BYC	B	C	D	E	F	G	X	Finish
Start		1.07 301	0.65 256	1.26 227	2.00 235	2.49 250	2.64 267	1.64 265	0.39 86
B	1.07 121		0.77 158	1.41 180	1.85 203	2.00 225	1.85 248	1.00 225	1.41 112
C	0.65 76	0.77 338		0.77 203	1.41 225	1.85 248	2.00 270	1.00 270	1.03 80
D	1.26 47	1.41 360	0.77 23		0.77 248	1.41 270	1.85 293	1.00 315	1.58 56
E	2.00 54.6	1.85 23	1.41 45	0.77 68		0.77 293	1.41 315	1.00 360	2.33 60
F	2.49 69.7	2.00 45	1.85 68	1.41 90	0.77 203		0.77 338	1.00 45	2.86 72
G	2.64 86.6	1.85 68	2.00 90	1.85 113	1.41 135	0.77 158		1.00 90	3.02 87
X	1.64 84.5	1.00 45	1.00 90	1.00 135	1.00 180	1.00 225	1.00 270		2.02 85

Friday Night and Chowder 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
B	37- 52.83	122- 20.52
C	37- 52.07	122- 20.38
D	37- 51.46	122- 20.97
E	37- 51.35	122- 21.92
F	37- 51.81	122- 22.70
G	37- 52.57	122- 22.84
X	37- 52.32	122- 21.61
8	37- 50.82	122- 23.80
Finish	37- 52.00	122- 19.08