

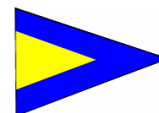
SAILING INSTRUCTIONS

BYC CHOWDER RACES 2010-2011

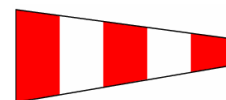
<u>Rules</u>	Current ISAF Rules as adopted by US Sailing and as modified by these instructions. Appendix 2, the ISAF eligibility code, shall not apply. For the purpose of Appendix 1, ISAF advertising code, this is Category A event.		
<u>Handicap</u>	Northern California PHRF ratings shall apply, converted to "time-on-time" Time Correction Factors by the formula $TCF = 800 / (520 + PHRF)$. 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.		
<u>No-spinnaker Rating Credit</u>	A rating credit of 0.04 will be subtracted from the TCF of 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.		
<u>Roller-Furling Rating Credit</u>	A rating credit of 0.02 will be subtracted from the TCF of 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.		
<u>Divisions</u>	There will be one division and one start for all boats with PHRF ratings. Sailboards and other non-PHRF rated boats may be starting at different times, as per amendments to these instructions.		
<u>Starting Line</u>	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.		
<u>Finish Line</u>	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.		
<u>UTC Time</u>	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.		
<u>Start Time</u>	PREPARATORY	12:55	one sound signal
	START, all PHRF boats	1:00	one sound signal
<u>Recall Signals</u>	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.		
<u>Postponement</u>	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.		
	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 71.		
<u>Course Signals</u>	COURSE SIGNALS Numeral pennants displayed at or prior to the preparatory signal.		
<u>VHF Hails</u>	VHF RADIO AND VOICE COMMUNICATION The RC may use VHF channel 71 and/or amplified voice hails to supplement visual signals or to announce changes to courses or instructions.		
<u>Personal Flotation</u>	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.		
<u>Spinnaker Restrictions</u>	Spinnakers shall be doused immediately upon crossing the finish line		
<u>Protests</u>	Protests shall be submitted to the Race Committee in writing within 90 minutes of the time the protesting yacht finishes or withdraws. Protest hearings shall begin approximately 90 minutes after the last yacht finishes. The hearings will be conducted in an open format for educational and entertainment purposes. Protests are not discouraged.		
<u>Commercial Vessels & Fishing Lines</u>	Competitors shall keep clear of commercial vessels, fishing boats and other right-of-way vessels not racing. Competitors shall keep clear of fishing lines on the Berkeley Pier. The Race Committee may initiate protests on the basis of reported violations of this instruction. The time limit for receiving such reports and initiating action is 8:30 PM on the seventh day after the incident.		
<u>Changes to these instructions:</u>	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 71 or voice hail. Changes may also be posted at http://www.BerkeleyYC.org		



X



1st Sub.



Answering Pennant



P



Y

BYC Friday Night 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

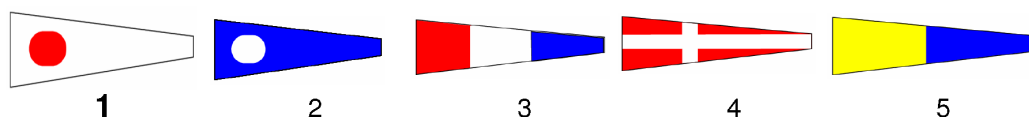
143	231	213	241	214	312	321	314	341	5	51	52	53	54	15	25	35	45
X-P	X-P	F-P	F-P	F-S	F-P	F-P	G-P	G-P	D-P	D-P	E-P	X-P	E-P	C-P	F-P	F-P	G-P
D-P	C-P		D-P	B-S	E-P	C-P		D-P	BYC-S	BYC-P	BYC-S	BYC-S	BYC-P	BYC-S	BYC-S	BYC-S	BYC-S
X-S	X-P				B-S	F-P			D-P	C-P	D-P	X-P	C-P	C-P	X-P	C-P	X-P

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

Course 1234:

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



BYC Friday Night Race Legs

Distance in nautical miles
Course in degrees magnetic

	BYC	B		C		D		E		F		G		X		Finiah	
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

BYC Friday Night Mark Positions

Circle mark postions based on:

Mark D at 37-51.462 x 122-20.965
Mag. variation 14.4 deg east (2010)
Classic Olympic Circle configuration

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

for guidance only - not for use in navigation