



Notice of Race/Sailing Instructions FRESHWATER RACE

Saturday, February 24th, 2024
Amended on February 22, 2024

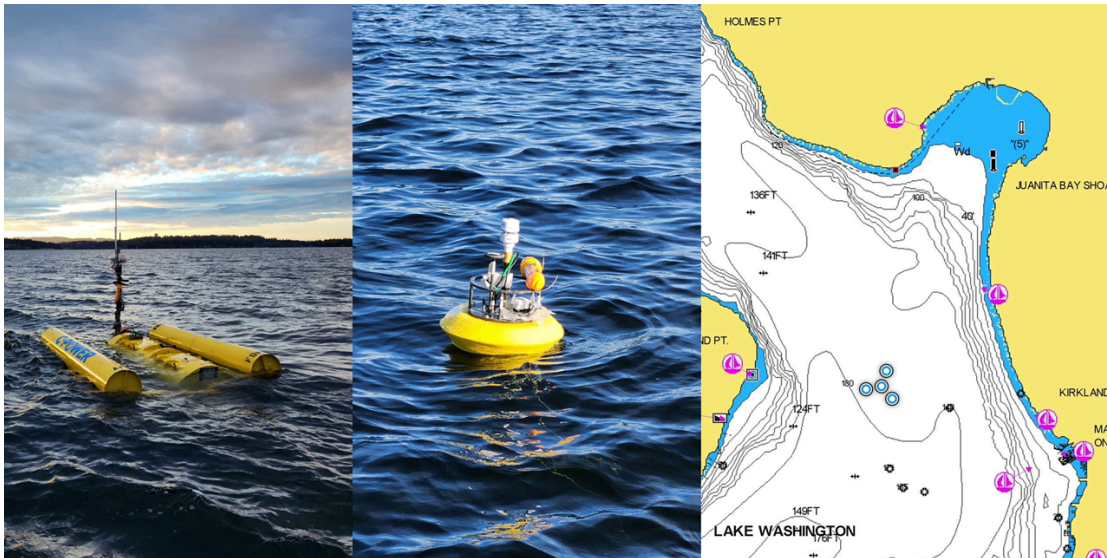
NOTICE TO FRESHWATER RACE PARTICIPANTS:

The University of Washington Applied Physics Lab has a large, three anchor mooring with surface components on station north of the 520 bridge to conduct research on wave energy. The main mooring is large, but does not have a high projection off of the surface of the water. Each of the four surface items (main mooring + three buoys) has an AIS beacon attached, but they may not transmit at all times.

Racers should stay well out of the “triangle” that is formed by the three small buoys. Not only are there surface components, but several lines near enough to the surface to catch keels/rudders that may not be visible.

Coordinates for each of the four components are as follows:
Center (WEC image): 47 40 46.26 (47.679517 N), 122 13 49.80 (122.230500 W)
N anchor: 47 40 50.65 (47.68074), 122 13 47.34 (122.2299)
SW anchor: 47 40 45.41 (47.67928), 122 13 56.72 (122.23242)
SE anchor: 47 40 42.57 (47.67849), 122 13 45.19 (122.22922)

Please see below for a picture of the main mooring, a picture of one of the three additional buoys, and a chart with a representation of the approximate location/shape of the structure:



- Rules:** This race is governed by the current Racing Rules of Sailing except as modified by the [STYC General Sailing Instructions \(GSI\)](#) and these Sailing Instructions, and the USCG VTS Navigation Rules.
- Eligibility and Entry Deadline:** This race is open to STYC members with PHRF-NW ratings who wish to race in handicapped classes. Members without a PHRF rating are eligible to race in the Slooper class. Non STYC members with a valid PHRF-NW rating are eligible to enter provided the skipper is a member of a PIYA or



US Sailing accepted club. Entries must be received on the STYC website (www.styc.org), no later than 2400, on the Wednesday before the race. See the GSI for the late entry policy. Non-members and Associate Members must submit a \$35 entry fee with the completed entry. Valid PHRF-NW certificates must be received by the regular registration deadline, or at the time of registration for late entries.

4. **Divisions and Starting Times:** Class breaks will be posted on the STYC website (www.styc.org) by 1800 the Friday before the race. The 1st Class starts at 1100.

5. **Time Limit:** The time limit for this race is 6.0 hours. Refer to the GSI for instructions concerning cancellations, postponements, and time extensions.

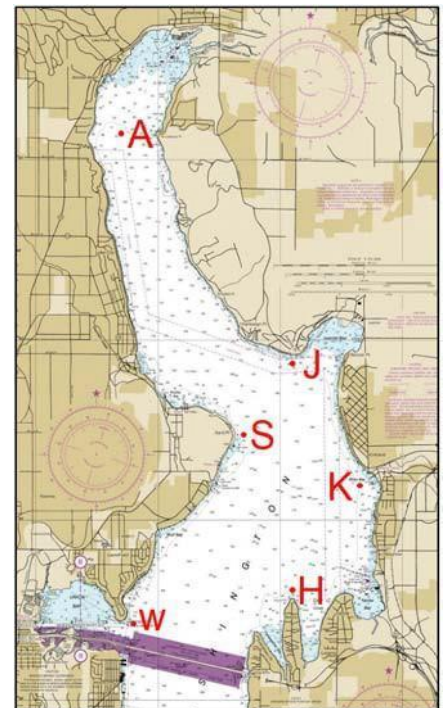
6. **Skippers' Meeting:** Skippers meeting will be online at 7:00 pm Friday, February 23rd, 2024. You can attend using Google Meet or telephone. Meeting details will be emailed to registered boats before the meeting. The STYC GSI are available on the STYC website. If there are questions, email race@styc.org

7. **Awards:** Results will be announced on Saturday after the race. Awards will be presented at 1900 on the day of the race at the Sloop Tavern in Ballard. Due to the perishable nature of the prizes, you must be present to collect. Prizes will not be available for pickup at a later time.

8. **Race Distance and Courses:** This is a one race/distance race event. Courses will be run on Lake Washington north of the 520 bridge. Race Course: The course will be indicated by any combination A H J K S W mark letters on the Race Committee boat. See below for descriptions of the letters. Start/Finish line will be off the Kirkland Waterfront near the Kirkland Public Dock (by the Anthony's Restaurant Building).

COURSE MARK DESCRIPTIONS

- A Arrowhead Point. Located due West from Arrowhead point along the centerline of the Lake (47° 44.292', 122° 16.600').
- H Hunts Point. Located 200 yards North of Hunts Point (47° 39.226', 122° 13.800').
- J Juanita Point. Located 200 yards South of Juanita Point (47° 41.737', 122° 13.800').
- K Kirkland buoy. Located 300 yards due West from the end of the Kirkland public dock (47° 40.377', 122° 12.700').
- S Sand Point. located 200 yards East of Sand Point (47°40.945', 122° 14.600').
- W Webster's Point. Located 200 yards East of the Green day marker at Webster's Point (47° 38.849', 122° 16.400').
- 2 or 3 Multi-lap course. Sail the course as many times as is indicated by the number, crossing the finishing line at the completion of each lap.



Lake Washington Mark-to-Mark distance matrix

	A	H	J	K	S	W
A	*	5.406	3.283	4.735	3.607	5.980
H	5.406	*	2.511	1.369	1.801	1.792
J	3.283	2.511	*	1.549	0.958	3.377
K	4.735	1.369	1.549	*	1.400	2.923
S	3.607	1.801	0.958	1.400	*	2.423
W	5.980	1.792	3.377	2.923	2.423	*