



# Bremerton Yacht Club

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January 5, 2024

Skippers, Mates and Crews,

On behalf of the Bremerton Yacht Club and all its members, I am pleased to invite you to the 90th running of our annual Heavy Weather Navigation Contest and Social Gala to be held on President's Day Weekend, February 16th through 18th, 2024.

The centerpiece of the weekend is the Heavy Weather Navigation Contest that will take place on Saturday. This contest has historically been one of the biggest IPBA events of the season and we welcome participants from all clubs. For those not familiar with these navigation contests, or Predicted Log races, we would be glad to help introduce you to the sport. This year we will also have an "Open" class that makes workup and participating easier. Please contact our Regatta Chair for Power, Jim VanAntwerp ([jvanantwerp3@gmail.com](mailto:jvanantwerp3@gmail.com)), and we will help arrange for some coaching before the event from participants in your area.

While the centerpiece is the navigation contest, the highlight of Heavy Weather weekend is Saturday night. After a great meal, all will be entertained by skits put on by BYC and visiting yacht clubs to the theme of "**Captain Ron**". Again, all clubs are invited to participate and attempt to wrest the highly coveted Rubber Clam Gun award away from Bremerton Yacht Club. Awards for the navigation contest will also be presented Saturday night. So, get in the spirit with your Captain Ron appropriate dress and enjoy the fun!

To round out the weekend, there will be a dinner Friday night and a breakfast Sunday morning. Please see the attached flyer for the full weekend schedule. All clubhouse activities are BYOB, with wine and beer available for purchase at the club store.

We will have plenty of moorage and power available. All planning to attend, whether for the navigation contest, as a skit team, or just coming to join in on the fun are asked to register on our web site [www.bremertonyachtclub.org](http://www.bremertonyachtclub.org).

If you have any questions about the weekend activities, or if you would like BYC to visit your club to brief your membership, please contact me at [commodore@bremertonyachtclub.org](mailto:commodore@bremertonyachtclub.org)

Tony Bennett (aka Captain Ron)  
Commodore, Bremerton Yacht Club





# *Bremerton Yacht Club*



## *Heavy Weather 2024*

*February 16 – 18 Theme – “Captain Ron”*

### Schedule of Events

#### **Friday, February 16**

- 1200+ Arrival of Guest Boats (contact BYC on VHF 68)
- 1800 Dinner and Social Hour (\$15.00)

#### **Saturday, February 17**

- 0830 Contest Check In / Continental Breakfast
- 0900 Observer Training
- 1030 Heavy Weather Navigation Rally
- 1330 Drawing for Order of Skits
- 1430 Post-Race Log Check-In
- 1600 Social
- 1745 Dinner (\$25.00)
- 1745 Rally Results and Awards
- 1815 Burgee Procession & Skits
- 1930 Dockettes
- 2000 Skit Results and Awards
- 2045 Dancing with DJ Grover

#### **Sunday, Feb 18**

- 0900 Hosted Continental Breakfast

# Bremerton Yacht Club

## 2024 Heavy Weather Navigation Contest

### February 17, 2024

#### SPECIAL RULES

(1) **Introduction:** This contest shall be conducted under the Standard Rules of the International Power Boat Association, Jan 2003 Edition, as modified by these Special Rules. A copy of the Standard Rules is available on the IPBA website at [www.ipbalogracing.org](http://www.ipbalogracing.org). **There will be a maximum of five (most likely three) Traditional classes and one Open class as discussed below.**

**IPBA Rules require that Contestants operate in a safe manner in compliance with all Pilot Rules, Rules of the Road and Navigational Laws, including local laws enacted by proper authority applicable to the Contestant's cruiser in the area where the Contestant is operating (rule 8i). Failure to comply with the Rules of the Road results in a 1% penalty or disqualification (Rule 14a).**

**Because the federal government has elevated the national risk of terrorism, special restrictions governing marine traffic are in effect. This effects the separation that must be maintained between pleasure vessels and certain military and commercial ships. These restrictions apply to Washington State Ferries.**

(2) **Observers:** Observers will be provided if desired for all contestants registered on or before **Feb 13, 2022**. It is preferred that contestants supply their own observer, however, if an observer is needed, BYC will supply an observer. Those who register after that date will have to supply their own Observer. Observers will be assigned when the Predicted Log is turned into the Contest Committee. Observers are honored guests on your boat; please plan to provide them with lunch. Please make them feel welcome and take the time to let them know the results of your race.

(3) **Logs:** Predicted Logs and Contest Logs shall be completed in ink and shall be submitted to the Contest Committee in the clubhouse between 0830 and 1030 on the day of the contest. **Be sure to indicate on both the Predicted Log and Contest log the class type you are entering. The logs will be annotated as either "Traditional" or "Open" as discussed below.** The completed and signed Contest Log shall be returned to the Contest Committee in the clubhouse before 1630. It is recommended that the error in seconds and percentage of error be calculated by the Contestant and entered in the Contest Log before the Contest Log is returned to the committee. Contest Logs shall be accepted only when submitted with the Contestant and the Observer present together. **NOTE:** Contestants may be penalized if data is not entered correctly in all shaded areas on the logs.

(4) **IBPA Numbers:** IBPA numbers must be displayed port, starboard, and astern, and be visible. If a contestant needs numbers, they will be provided at Log check in.

(5) **Time:** Time shall be Pacific Standard Time. The official time will be GPS time.

(6) **Stop Watches:** A stopwatch shall be allowed only for timed runs, time outs, and verification of reading the Official Time by the Observer in accordance with Rule 8.0. Only a stop watch will be used for timed runs and shall be available to the Observer who shall confirm the proper time has been run. The stopwatch shall be stopped and cleared when its use is no longer permitted.

(7) **Throttles:** Throttles may be adjusted during the contest to vary the RPM from the RPM shown on the log by no more than plus 10% or minus as much as needed (boat must stay in

gear).

(8) **Handicap:** The current IPBA handicap as set forth in the Standard Rule Book shall be employed to calculate a net percentage of error. For predicted speeds of less than 7 knots, the handicap for 7 knots shall be used. For predicted speeds of more than 23 knots, the handicap for 23 knots shall be used. Predicted speed in knots is determined by multiplying the official mileage by 3600 and dividing by the total number of seconds predicted by the contestant to complete the course. Predicted speed shall be rounded off to the nearest 1/10<sup>th</sup> of a knot.

(9) **Flat Water Speed:** Flat water speed is the speed of the cruiser at the basic RPM shown on the Log without consideration for wind or current.

**(10a) Navigational Aids for Entries only using Tach and Compass (Traditional Classes):**

Radar **MAY NOT** be used for contest navigational purposes but may be used at any time the skipper deems it necessary for safety purposes (See IBPA Rule No. 9-Safety Rule). Chart plotters and electronic charts may be used to replace small-scale printed charts as long as the chart plotter or computer is NOT connected to GPS and does NOT display speed, time or position information (SOG, COG, Time of Day, Tracking or latitude/longitude). If electronic charting is used, a large-scale printout of the course layout must be made available to the observer. Auto pilots and depth sounders may be used as long as they do not receive active GPS signals. Electronic ranging devices may not be used. Cellular telephones may not be used. An electronic data logger may be used to record your track and supplied to the judges if needed. **A skipper may request time of day from the observer after each Control Point if so desired.**

**(10b) Navigational Aids for Entries using all electronics (Open Class):** The One Open Class shall allow entrants to use all electronics available to them except for cell phones and time of day (you must cover or tape all time of day displays). Useable devices include radar, GPS chartplotters, auto pilots, ranging devices, etc. **A skipper may request time of day from the observer after each Control Point if so desired.**

(11) **Chart:** The recommended charts for this contest are 18449 and 18446. **The Official Mileage for this contest is 17.5 nautical miles, which cannot be exceeded.**

(12) **Finish Windows:** There will be four finish time windows as follows:

<u>Finish Class</u>	<u>Flat Water Speed</u>	<u>Finish Time</u>
1	8.00 and under	1355-1405
2	8.01 to 9.00	1400-1410
3	9.01 to 10.00	1405-1415
4	10.01 and over	1410-1420

(13) **Awards:** **Awards will be presented Saturday evening to the overall First, Second, and Third places, and in each of the traditional classes and one open class in accordance with the IPBA Rules. The Open Class will not be eligible for First, Second, or Third Overall, however, the Open Class will be eligible for Leg awards (least amount of error on each individual leg).** The "Heavy Weather Perpetual Trophy" will be awarded to the first-place finisher overall. A team trophy will be awarded to the best placed 4-boat team from any IPBA club. One Open Class participant can be included in the team trophy. A novice plaque will be awarded for the best finish by a novice.

(14) **VHF Channel 9** has been adopted by IPBA for all pre-race communication. Monitor VHF 9 before the race and VHF 16 during the race.

## Course Description – 2024 BYC Heavy Weather

**GENERAL:** This contest course will be run on the waters of Sinclair inlet, north to Battle Point and Port Washington Narrows.

**The start will be a running start at CRUISE speed at RA “E” 50yds abeam to stbd. Proceed to CP-1, Point White Pier extension at 200 yds. Enroute, pass Radar G 170 yds abeam to stbd, and Waterman Dock 100yds abeam to stbd.**

**CP-1 is Point White Pier extension (bearing 228°T) at 200 yds.**

At CP-1, proceed to CP-2, Battle Point Light 50 yds to stbd. Enroute, pass Fletcher Bay Road extension at 250 yds.

**CP2 is Battle Point Light 50 yds abeam to stbd.**

From CP2 begin TR-1 on a course of 265°T for 0.6 nm. At the end of TR-1 turn to port and proceed to CP-3, Brownsville Marina North Breakwater extension between 180 and 250 yds.

**CP-3 is Brownsville Marina North Breakwater Ext (bearing 093°T) between 180 and 250 yds.**

From CP-3, proceed to an extension not to exceed 300 yds off the private dock on University Point (bearing 070°T). Proceed to CP-4, Illahee Town Dock extension at 380 yds.

**CP-4 is Illahee Town Dock extension (bearing 086°T) at 380 yds.**

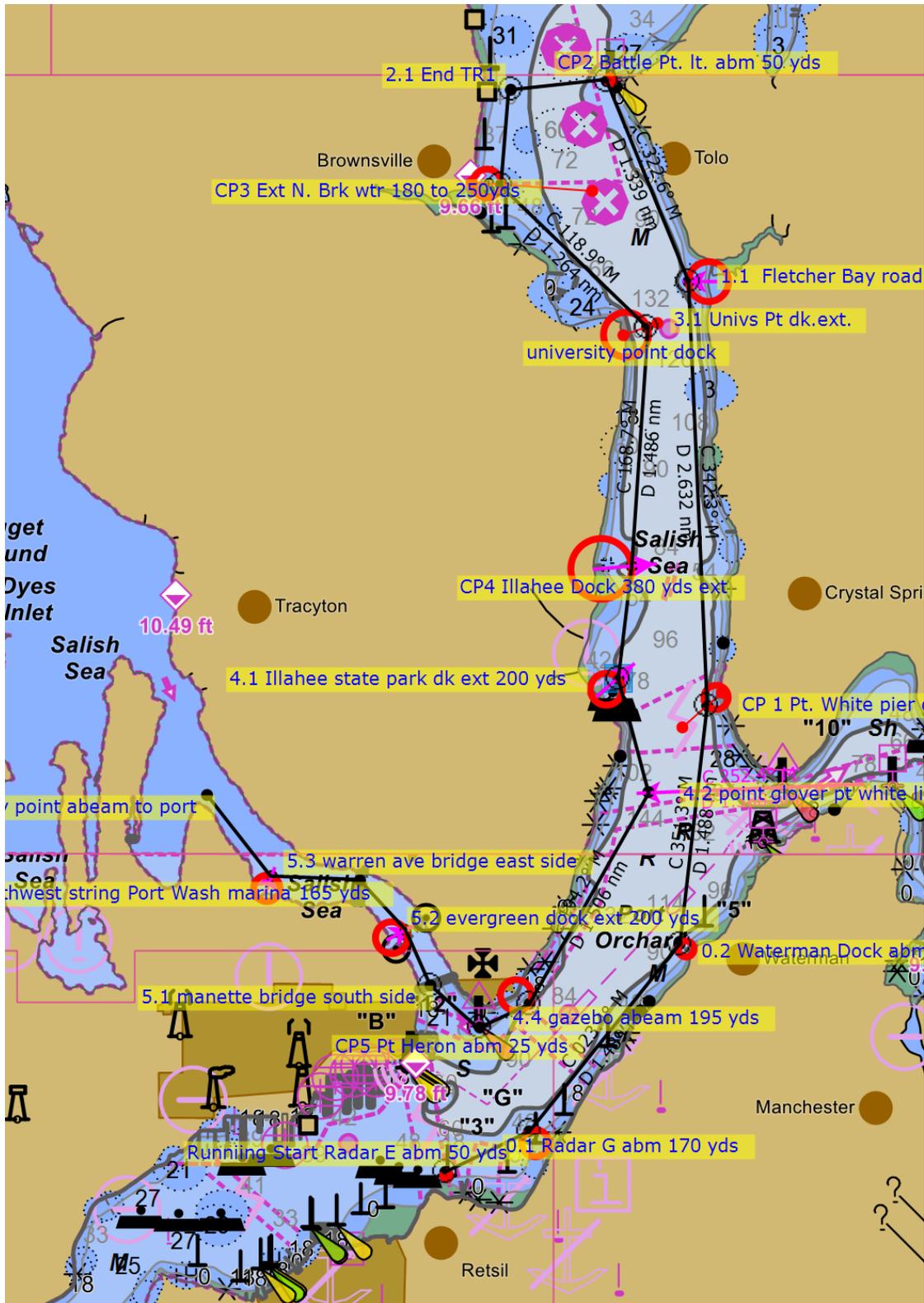
From CP-4, proceed to an extension of the Illahee state park dock at 200 yds. Continue to a range of Point White light and Point Glover with an aim point of Waterman Dock. Turn to stbd at this range and proceed to the Bachmann Park Gazebo (47.56865°N, 122.60805°W) abeam to stbd within 200 yds. Proceed to CP-5, Pt. Herron Lt. within 25 yds abeam to stbd.

**CP-5 is Pt. Herron Lt. within 25 yds abeam to stbd.**

At CP-5, Proceed at SLOW Speed (7 knots or less) to the finish line at Rudy Point abeam to port. Enroute, pass the Evergreen Park Dock extension (bearing 062°T) at 200 yds and the western finger pier extension of port Washington Marina (bearing 020°T) to port within 250 yds and proceed to the finish.

**Finish: Rudy Point abeam to port.**

# Heavy Weather 2024 Chartlet



## VOYAGE PLAN

Name	Bearing (True)	Bearing (Mag)	Distance	Total Distance	Latitude	Longitude
Running Start Radar E abm 50 yds					47.5504	-122.6188
0.1 Radar G abm 170 yds	64.101476	48.88194	0.575303	0.575303	47.5546	-122.6061
0.2 Waterman Dock abm 100 yds	38.597843	23.379579	1.489037	2.06434	47.5739	-122.5831
CP 1 Pt. White pier ext 150 yds	6.482115	351.263485	1.488191	3.55253	47.5986	-122.5789
1.1 Fletcher Bay road ext 250 yds	357.487135	342.263706	2.631672	6.184203	47.6424	-122.5817
CP2 Battle Pt. lt. abm 50 yds	337.832786	322.599017	1.339421	7.523624	47.6631	-122.5942
2.1 End TR1	263.756466	248.515881	0.599556	8.12318	47.6622	-122.6089
CP3 Ext N. Brk wtr 180 to 250yds	184.623678	169.38075	0.597447	8.720627	47.6524	-122.6104
3.1 Univs Pt dk.ext. max 300 yds	134.098308	118.857321	1.263751	9.984378	47.6377	-122.588
CP-4 Illahee Town Dock ext 380 yds	183.883563	168.649753	1.486211	11.47059	47.613	-122.5904
4.1 Illahee state park dk ext 200 yds	186.791373	171.562704	0.699944	12.170534	47.6014	-122.5924
4.2 Point glover pt white light range	165.166686	149.940264	0.72933	12.899864	47.5897	-122.5878
4.3 gazebo abeam 195 yds	209.41882	194.195835	1.505667	14.405531	47.5678	-122.606
CP5 Pt Heron abm 25 yds	244.823109	229.601888	0.340835	14.746365	47.5653	-122.6136
5.1 Manette bridge south side	312.004241	296.782261	0.405611	15.151976	47.5697	-122.6211
5.2 evergreen dock ext 200 yds	336.085708	320.861446	0.376332	15.528308	47.5754	-122.6249
5.3 warren ave bridge east side	317.42709	302.200886	0.417677	15.945985	47.5805	-122.6319
5.4 ext northwest string Port Wash marina 165 yds	272.319512	257.090952	0.547396	16.493381	47.581	-122.6454
Finish rudy point abeam to port	322.0189	306.787914	0.643475	17.136856	47.5893	-122.6552