

## *Bremerton Yacht Club*

2700 Yacht Haven Way  
Bremerton, WA 98312  
Phone (360) 479-2662

January 3, 2023

Skippers, Mates and Crews,

On behalf of the Bremerton Yacht Club and all its members, I am pleased to invite you to the 87th running of our annual Heavy Weather Navigation Contest and Social Gala to be held on President's Day Weekend, February 17th through 19th, 2023.

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 "Popeye the Sailor Man". 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 Popeye 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 complete the registration attached. For more information about club facilities, please refer to 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 Frey  
Commodore, Bremerton Yacht Club



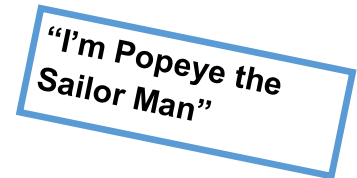
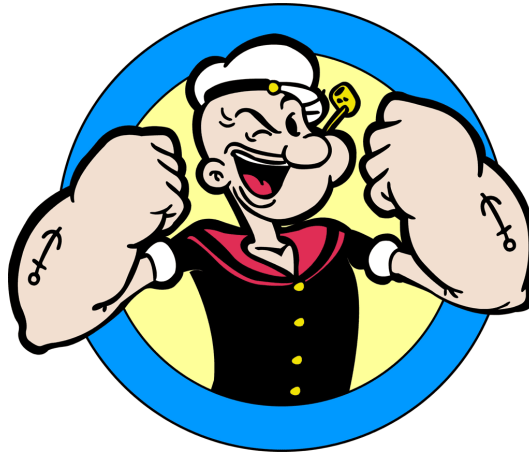
# Bremerton Yacht Club

## Heavy Weather 2023

### February 17-19



**Theme - "Popeye the sailor man"**



## Schedule of Events

### Friday, February 17

1200 -1700  
1800

Arrival of Guest Boats (VHF CH 68)  
Dinner and Social Hour (\$17.00)

### Saturday February 18

0830  
0900  
1030  
1330  
1430  
1600  
1645  
1745  
1815  
1930  
2000  
2045

Contest Check In/ Continental Breakfast  
Observer Training  
Heavy Weather Navigation Rally  
Drawing for Order of Skits  
Post Race Log Check-in  
Social  
Dinner (\$30.00)  
Rally Results and Awards  
Burgee Procession & Skits  
Dockettes  
Skit Results and Awards  
Dance the night away to DJ Grover

### Sunday February 19

0900

Hosted Continental Breakfast

**Bremerton Yacht Club**  
**2023 Heavy Weather Weekend – February 17-19, 2023**  
**Registration Form (Complete all sections that apply)**

Check all that apply:      ☐ Log race participant      ☐ Skit Participant  
   ☐ Just here to have fun

**Heavy Weather Navigation Contest Entry**

Skipper: \_\_\_\_\_ IPBA#: \_\_\_\_\_  
Email: \_\_\_\_\_ Phone: \_\_\_\_\_  
Navigator: \_\_\_\_\_ Club: \_\_\_\_\_  
Contest Boat: \_\_\_\_\_  
Class you are entering (Traditional or Open) \_\_\_\_\_

**Skit Entry**

Team Lead: \_\_\_\_\_ Club: \_\_\_\_\_  
Email: \_\_\_\_\_ Phone: \_\_\_\_\_

**Moorage**

Moorage desired at BYC for:    ☐ Friday      ☐ Saturday

Boat Name: \_\_\_\_\_ LOA: \_\_\_\_\_ Beam: \_\_\_\_\_

Contact "Bremerton Yacht Club" on VHF Ch.68, low power, for moorage instructions when approaching the club marina.

**Meals**

Provide the number of people in your party planned to attend each meal:

Friday Dinner (\$17) \_\_\_\_\_ Saturday Dinner (\$30) \_\_\_\_\_ Sunday Breakfast (\$0) \_\_\_\_\_  
(Note: Observer dinners are included in the race entry fee below.)

Registration is requested by Monday, Feb 13, 2022 by email or regular mail:

Email: [jvanantwerp3@gmail.com](mailto:jvanantwerp3@gmail.com) or      Mail: Jim VanAntwerp  
6868 Chico Way  
Bremerton, WA 98312

The race entry fee is \$20, payable at check-in. Please make checks payable to "Bremerton Yacht Club." Questions? Contact Jim VanAntwerp at (360)328-8040 or [jvanantwerp3@gmail.com](mailto:jvanantwerp3@gmail.com)

# Bremerton Yacht Club

## 2023 Heavy Weather Navigation Contest

### February 18, 2023

#### 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 [ipba12.wildapricot.org](http://ipba12.wildapricot.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 Checkpoint 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 Checkpoint if so desired.**

(11) **Chart:** The recommended charts for this contest are 18449 and 18446. **The Official Mileage for this contest is 17.6 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 – 2023 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, Waterman Dock 100yds abeam to stbd, and Waterman Point 100 yds 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 at 300 yds.

**CP-3 is Brownsville Marina North Breakwater Ext (bearing 093°T) at 300 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 not to exceed 250 yds.

**CP-4 is Illahee Town Dock extension (bearing 086°T) not to exceed 250 yds.**

From CP-4, 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.**

## VOYAGE PLAN

Name	Bearing (True)	Bearing (Mag)	Distance	Total Distance	Latitude	Longitude
Runniing Start Radar E abm 50 yds					47.550373	-122.618840
0.1 Radar G abm 170 yds	64.1	48.8	0.576	0.576	47.554567	-122.606033
0.2 Waterman Dock abm 100 yds	38.6	23.3	1.488	2.064	47.573937	-122.583088
0.3 Waterman light 100 yds abm	35.6	20.3	0.814	2.879	47.584969	-122.571371
CP 1 Pt. White pier ext 200 yds	338.2	322.8	0.861	3.739	47.598282	-122.579284
1.1 Fletcher Bay road ext 250 yds	357.9	342.5	2.648	6.387	47.642388	-122.581724
CP2 Battle Pt. lt. abm 50 yds	337.9	322.5	1.339	7.727	47.663066	-122.594205
2.1 End TR1	265.0	249.6	0.600	8.326	47.662196	-122.608992
CP3 Ext N. Brk wtr 300 yds	180.0	164.6	0.588	8.914	47.652401	-122.608991
3.1 Univs Pt dk.ext.	136.2	120.8	1.222	10.136	47.637706	-122.588077
CP4 Illahee dk ext nte 250 yds	186.4	171.0	1.504	11.640	47.612791	-122.592192
4.1 Pt. White & Glover range	170.2	154.9	1.385	13.025	47.590036	-122.586392
4.2 gazebo abeam 183 yds	211.0	195.6	1.552	14.577	47.567862	-122.606142
CP5 Pt Heron abm 25 yds	244.0	228.7	0.337	14.914	47.565401	-122.613627
5.1 manette bridge south side	310.2	294.8	0.397	15.311	47.569669	-122.621112
5.2 evergreen dock ext 200 yds	335.9	320.5	0.376	15.687	47.575390	-122.624911
5.3 warren ave bridge east side	317.5	302.2	0.418	16.105	47.580525	-122.631875
5.4 ext northwest string Port Wash n	272.8	257.5	0.546	16.651	47.580974	-122.645352
Finish rudy point abeam to port	321.5	306.1	0.642	17.293	47.589345	-122.655224



# CHARTLETT

