

Bremerton Yacht Club

2020 Heavy Weather Navigation Contest

February 15, 2020

SPECIAL RULES

(1) **Introduction:** This contest has been sanctioned by IPBA and approved by the US Coast Guard. 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. **There will be five Traditional classes and one Open class (open to racers with less than 5 years experience AND less than 10 events entered) 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 for all contestants registered on or before **Feb 10, 2019**. Contestants who register after that date may have to supply an exchange 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 1/10th 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). NOTE- Be sure that event marks (such as pressing F5 key on Nobeltec and Coastal Explorer) do not display Time of Day. 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.

(10b) Navigational Aids for Entries using all electronics (Open Class): The One Open Class is open to racers with less than 5 years experience AND less than 10 total races entered). The open class shall allow entrants to use all electronics available to them except for cell phones, time of day (you must cover or tape all time of day displays) and track averaging (a coastal explorer feature that uses time). Useable devices include radar, GPS charplotters, auto pilots, ranging devices, etc.

(11) **Chart:** The recommended charts for this contest are 18449 and 18446. **The Official Mileage for this contest is 20.70 nautical miles, which cannot be exceeded.**

(12) **Finish Classes:** There will be five finish time brackets (called" finish class" on the log form) 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 8.50 incl.	1400-1410
3	8.51 to 9.00 incl.	1405-1415
4	9.01 to 9.50 incl.	1410-1420
5	9.51 and over	1415-1425

(13) **Awards:** Awards will be presented Saturday evening to the overall First, Second, and Third places, and in each of the five 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 (teams are allowed one “Open” class entrant). 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 – 2020 BYC Heavy Weather

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

The start will be a running start at RA “E” 100yds abeam to starboard. Proceed to CP-1, Waterman Light 100yds abeam to Stbd. Enroute, pass Radar G 150 yds abeam to Stbd and Waterman Dock 150yds abeam to starboard.

CP-1 is Waterman Light 100yds abeam to Stbd

At CP-1, begin TR-1 for .3nm on a course of 347T. Continue to CP-2, Battle Pt. Light, keeping Fletcher bay road extension between 300 and 500 yards to Starboard.

CP2 is Battle Point Light 100 yards abeam to Starboard.

From CP2 begin TR-2 on a course of 20T for 1.39nm. At the end of TR-2 turn to Port and continue at 297T to a range of the east side of Point Bolin and the point just NE of Point Bolin (The range should be on a heading of 27T). At the Point Bolin range, begin TR3 on a course of 250T for 0.8 miles. At the end of TR3, proceed to CP-3 which is 300 yds abeam the Illahee Town Dock. In route, pass University point with-in 300yds to starboard.

CP-3 is Illahee Town Dock 300yds abeam to starboard.

From CP3 proceed to CP-4, in route pass an extension of Illahee State Park main dock with-in 400yds to starboard. Proceed to 200yds abeam to starboard the southern fence line of Illahee Park (Fence line coordinates 47.35.779N, 122.35.542W). When abeam the southern fence line at 200yds, begin TR-4 on a course of 132T for 0.35nm, then turn to Starboard and continue on to CP4. In route, pass the Gazebo within 200yds to starboard.

CP4 is Pt, Herron Lt. within 100yds abeam to starboard.

At CP4, Proceed at SLOW Speed (7 knots or less) to the finish line at Rudy Point abeam to Port. Enroute, pass the western finger pier extension of Port Washington Marina to port within 250 yards and proceed to the finish.

Finish: Rudy Point abeam to Port.

Official Mileage shall be 20.70 nm."

Leg to	Bearing	Distance	End Position
Start Radar E abeam, 100 yds			47°33.048'N 122°37.15...
Radar G 150 yds to stbd	067.5° T	0.589 nm	47°33.274'N 122°36.34...
west corner Waterman abeam150 yds,	037.4° T	1.482 nm	47°34.451'N 122°35.01...
CP 1waterman lt 100 yds st tr1	037.4° T	0.815 nm	47°35.098'N 122°34.27...
end TR1 abeam point white	346.7° T	0.301 nm	47°35.391'N 122°34.37...
Point white dock 100 yds abeam	337.5° T	0.599 nm	47°35.945'N 122°34.71...
Fletcher bay road ext 300 yds	356.7° T	2.601 nm	47°38.542'N 122°34.93...
CP2 Battle point abm 100 yds st tr2	337.7° T	1.334 nm	47°39.776'N 122°35.68...
End TR2	020.8° T	1.390 nm	47°41.076'N 122°34.95...
Point Bolin Range st TR3	297.2° T	0.350 nm	47°41.243'N 122°35.40...
End TR3	249.4° T	0.801 nm	47°40.966'N 122°36.52...
U point dock ext200 yds	163.4° T	2.824 nm	47°38.262'N 122°35.34...
CP 3 Ilahee dock S Side Ext, 300 yds	183.6° T	1.499 nm	47°36.766'N 122°35.48...
state park dock ext 300 yds	180.9° T	0.649 nm	47°36.117'N 122°35.49...
fence line abeam 200 yds st tr4	167.1° T	0.328 nm	47°35.797'N 122°35.38...
end tr4	132.4° T	0.350 nm	47°35.560'N 122°35.00...
Gazebo Abm 200 yds	211.7° T	1.752 nm	47°34.069'N 122°36.35...
CP4 Pt Herron 50 yds abm	242.9° T	0.342 nm	47°33.911'N 122°36.80...
South side Manette Bridge	312.7° T	0.411 nm	47°34.182'N 122°37.25...
Extension Evergreen boat ramp dock	341.9° T	0.374 nm	47°34.536'N 122°37.43...
southeast side of Warren Ave bridge	307.6° T	0.424 nm	47°34.797'N 122°37.92...
Ext of westmost dock	275.8° T	0.544 nm	47°34.854'N 122°38.72...
Finish abeam Rudy Point	327.0° T	0.643 nm	47°35.389'N 122°39.25...