

Bremerton Yacht Club

2022 Heavy Weather Navigation Contest

February 19, 2022

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. **There will be five 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 14, 2022**. It is preferred that contestants supply their own observer, however, if an observer is needed, BYC will supply an observer (vaccinated). 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 1/10th 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 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.

(11) **Chart**: The recommended charts for this contest are 18449 and 18446. **The Official Mileage for this contest is 17.25 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. 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 – 2022 BYC Heavy Weather

GENERAL: This contest course will be run on the waters of Rich Passage, Sinclair inlet and Port Washington Narrows, and Dyes Inlet.

From a **standing start** abeam, Radar target “E” to Starboard within 100 yards, proceed at cruise speed to Control Point 1, which is abeam of the Waterman Light to starboard, within 150 yards. Enroute pass Radar Target “G” to starboard within 200 yards and Radar 5 to starboard within 150 yards.

Control Point 1: Waterman light abeam to starboard within 150 yards.

Proceed to Control Point 2, which is Orchard Point light abeam to starboard within 150 yds. Enroute pass Glover Point Private boat ramp, Glover Point Light QG9 and Middle Point all within 150 yds.

Control Point 2: Orchard Pt light abeam to starboard within 150 yds.

At Orchard Point Light, proceed on a heading of 170 Degrees True to a range of the north end sandspit and the northern most tip of Blake Island. Start TR1 on a heading of 084 degrees True for 0.40 miles. At the end of TR1, begin TR2 on a course of 11 Degrees True for 1.0 miles. The proceed to CP3, which is R4 25 yards abeam to starboard.

Control Point 3: R4 25 yards abeam to starboard.

Proceed to CP4, White Point light abeam to starboard within 50 Yards. Enroute, pass R6 and R8 25 yards abeam to starboard. At R8, start Timed Run TR3 on a course of 307T for 0.35 miles. At end of TR3, proceed to CP4, White Point light abeam to starboard within 50 yards.

Control Point 4: White Point light abeam to starboard within 50 yards.

At CP4, start Timed Run TR4 on a course of 270T for 0.750 miles. At end of TR4, proceed to CP5, Point Herron light 25 yards abeam to starboard.

Control Point 5: Point Herron light 25 yards abeam to starboard.

At CP5, Proceed at SLOW Speed to the finish line at Rudy Point within 250 yards 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 within 250 yards abeam to Port.

VOYAGE PLAN

Name	Bearing (True)	Bearing (Magnetic)	Distance	Total Distance	Latitude	Longitude
start					47.55073	-122.619
Radar G 200 yds abeam	64.72699	49.11165	0.582107	0.582107	47.55487	-122.606
Radar S 150yds abeam	38.10948	22.49547	1.657567	2.239673	47.57659	-122.581
CP1 waterman light 100 yds abeam	37.441	21.82639	0.63591	2.875584	47.585	-122.571
point glover 150 yds abeam (radar)	57.38718	41.77229	0.726665	3.602249	47.59154	-122.556
Point glover light 25 yds abeam	107.4042	91.79044	0.24708	3.849328	47.59039	-122.55
rocky point abeam 150 yds	138.9204	123.3079	0.226229	4.075557	47.58757	-122.547
middle point beach 143 yds abeam	164.1442	148.5331	0.623803	4.69936	47.57758	-122.542
CP2 Orchard light 100yds abeam	146.9179	131.3099	0.856132	5.555493	47.56562	-122.531
Range Blake Island	170.2091	154.606	1.339455	6.894948	47.54362	-122.525
End TR1, start TR2	84.21469	68.6177	0.399886	7.294834	47.54409	-122.516
End TR2	11.23318	355.6378	1.000186	8.29502	47.56035	-122.511
CP3 R4 25 yds stbd	322.9834	307.3851	0.5954	8.890421	47.5683	-122.519
R6 25 yds stbd	299.414	283.8123	0.687236	9.577657	47.57394	-122.534
R8 25 yds Start TR 3	342.9176	327.3119	1.211353	10.78901	47.59321	-122.543
end tr3	307.0773	291.4656	0.349205	11.13822	47.59674	-122.55
CP4 Point white 50 yds Start TR4	239.9763	224.3624	0.818957	11.95717	47.59005	-122.567
end TR4	270.26	254.6447	0.754866	12.71204	47.59008	-122.586
House with Green Roof Abm 300 yds	209.0288	193.4101	0.941289	13.65333	47.57644	-122.597
Gazebo abeam 131 yds	216.7965	201.179	0.628192	14.28152	47.56806	-122.607
CP 5 Pt Herron 25 yds	240.6257	225.0085	0.324263	14.60578	47.56539	-122.614
Manette bridge south side	312.6563	297.0385	0.403094	15.00888	47.5698	-122.621
ext of Evergreen Park ramp dock	338.653	323.0328	0.368965	15.37784	47.57552	-122.624
warren ave bridge south side	312.8852	297.2632	0.421092	15.79893	47.58031	-122.632
ext of NW dock in Port Washin	277.0783	261.4538	0.541167	16.3401	47.58145	-122.645
Finish Rudy Point	321.7968	306.1697	0.63062	16.97072	47.58966	-122.655

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