

**GHYC**  
**Invitational Navigation Contest**  
**27 March, 2010**

Join us for the 2010 Gig Harbor Invitational Navigation Contest on Saturday, March 27. Moorage will be available at Arabella's Landing in Gig Harbor. **ONE NIGHTS** moorage per registered boat will be paid by Gig Harbor Yacht Club.

**VERY IMPORTANT MOORAGE REGISTRATION REQUIREMENT**

Arabella's Landing requires each skipper requesting moorage to call 253-851-1793 and make reservations directly with the marina by March 19. Identify yourself as a race participant. Additional moorage is available at the Gig Harbor City Dock on a first come, first serve basis. Be advised the City Dock does not have shore power. Please let us know your arrival time and we will be standing by to help you dock.

Please join us on Friday evening, March 26, between 1800 and 2200 for Gig Harbor Yacht Club's **TGIF**.

Registration and Observer Training will be at the Net Shed at Arabella's Landing. Registration begins at 0800 and Observer Training at 0900 on March 27. Turn in your contest log aboard (TBA) at Arabella's. A social hour, dinner and award presentations will be held on Saturday evening at Gig Harbor Yacht Club beginning at 1700; shuttle service will be available between boats and GHYC. Please register by March 19 to permit scheduling of observers and planning for post race activities. Participants registering after March 19 will be asked to provide their own exchange observer. Observers are encouraged to attend TGIF on the 26th and dinner on the 27th at their own expense.

Mail your check and registration to George Babbitt and join us for a fun filled weekend.

George Babbitt  
Race Chairperson  
253-857-8687

6775 Weather Glass LN  
Gig Harbor, WA 98335  
gbabbitt@centurytel.net

=====

**2010 Gig Harbor Invitational Navigation Contest**  
**Registration Form**

Contestant \_\_\_\_\_ Boat Name \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ IPBA # \_\_\_\_\_ Yacht Club \_\_\_\_\_

This confirms my entry in the Gig Harbor Navigation Contest. Race registration of **\$18.00**, together with my dinner reservation for \_\_\_\_\_ persons at **\$15.00** per person is enclosed.

Make checks payable to Gig Harbor Yacht Club. Mail to: George Babbitt  
6775 Weather Glass LN  
Gig Harbor, WA 98335

**GHYC**  
**Invitational Navigation Contest**  
**27 March, 2010**  
**Schedule of Events**

Friday, March 20	Last day a boat may register and be guaranteed an observer.
Friday, March 26 1730-2000	Social at Gig Harbor Yacht Club (GHYC's Fourth Friday Event -- \$5.00 per person (Light meal and snacks, cash bar). Observers invited.
Saturday, March 27 0900	Observer Class at Net Shed at top to dock at Arabella's Landing
0800 – 1000	Registration and Observer Assignments at Net Shed
1000 – 1430	Gig Harbor Invitational Navigation Contest
1430 - 1600	Contest Log turn in aboard (TBA) at Arabella's
1700 – 1800	Shuttle Service to Gig Harbor Yacht Club
1700 – 1800	Pre Dinner Social Hour at GHYC
1800	Dinner at GHYC followed by Awards Presentations and Race Results. Observers invited at own expense.
Following Dinner	Shuttle Service to City Dock and other moorage locations

**IPBA Special Rules  
GHYC  
Invitational Navigation Contest  
27 March, 2010**

(1) **Rules:**

This contest shall be conducted under the Standard rules of the International Power Boat Association, as available on the IPBA website [www.ipbalogracing.org](http://www.ipbalogracing.org), and as modified by these Special Rules.

IPBA Rules require that Contestants operate in a safe manner in compliance with all Pilot Rules, Rules of the Road and Navigation 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)

(2) **Observers:**

Observers will be provided for all Contestants registered on or before 19 March 2010. Contestants who register after that date must supply an exchange observer. Observers are invited to attend all social events on a pay as you go basis.

(3) **Logs:**

Contestants must prepare their Predicted and Contest Logs in ink and submit them to the Contest Committee at the Java & Clay Cafe between 8:00 & 10:00, 27 March 2010. Return the completed and signed Contest Log, before 16:00, to the Contest Committee aboard a boat at the Gig Harbor City Dock. The name of the Committee boat will be announced at the morning meeting. Each contestant should calculate and enter the error in seconds and percentage of error on the Contest Log to assist the Committee in calculating the results. Each contestant and his or her observer must jointly and in person present their Contest Log to the Committee. If the Contestant used temporary IPBA numbers, return them with the Contest Log.

(4) **Times:**

All times are Pacific Daylight Time. A stop watch shall be allowed only for timed runs, time outs, and verification of reading the Official Time by the Observer in accordance with Rule 80. A stop watch (only) 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 cleared and stopped when its use is no longer permitted.

(5) **Throttles (RPM):** Engine RPM may be adjusted plus or minus 10% from planned RPM.

(6) **Navigation Aids:** After the start, no instrument shall be visible to the contestant or crew that displays: time of day, course over ground, speed over ground, latitude/longitude or range to an object afloat or ashore. Radar, if

installed, shall be left in standby. If the skipper decides radar is needed to assess the risk of collision, immediately turn it on. Notify and instruct the observer to record the time of day when the radar was turned on and the time of day when it was returned to standby. The judges will eliminate that leg from the contestant's race. Instruments displaying relative wind speed and direction are allowed. Autopilots are allowed, but cannot be connected to GPS. Monitor Channel 16 but make no VHF transmissions except for safety reasons. Do not use cell phones or similar devices.

**Electronic Charts without GPS:** Chart plotters and Computers using Navigation programs may be used to replace small scale printed charts (requiring a dozen or more pages of chart printouts) but not displaying or using GPS data, course made good, speed, tracking, Time of Day or Lat Lon. A large scale (2 or 3 page printout) of the course is still required which the observer may need to review. All racers using a **Electronic Charts without GPS** in this fashion must **write on their log forms:**  
**“Using Electronic Charts without GPS**

(7) **Handicap:**

The current IPBA handicap as set forth in the Standard Rule Book shall be employed to get 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 to the nearest 1/10<sup>th</sup>.

(8) **Finish Times:**

Flat water speed is the speed of the cruiser at the basic RPM shown on the Log without consideration for wind or current. There shall be three finish time brackets, referred to as “finish class” on the Contest Log form, as follows:

<u>Finish Bracket</u>	<u>Flat Water Speed</u>	<u>Finish Time</u>
1	8.00 and under	14:00/14:10
2	8.01 to 9.0 incl.	14:15/14:25
3	9.01 and over	14:30/14:40

(9) **Awards**

Plaques will be awarded to the “overall” first, second and third place contestants and to the first place contestants in each of the three classes. Certificates will be awarded to contestants finishing 2nd and 3rd in class.

(10) **Chart and Mileage:**

The recommended charts for this contest are 18448 and 18474 (updated 1/9/2010). The Official Mileage for this contest is 19.0 nautical miles which cannot be exceeded.

(11) **Course Description:**

The contest course is bounded by the navigable waters of Puget Sound east of Gig Harbor, north of Point Evans, and south of Point Richmond, and west of Browns Point.

(12) **Chartlet**

The attached chartlet is intended to assist you in planning your course. It is not suitable for navigation. The written Course Instructions and Special Rules take precedence over the information on the chartlet.

(13) **Additional Instructions:**

Upon completion of the contest do not impede the path of other contest boats approaching the finish line. When entering Gig Harbor please observe the posted 5 knot speed limit.

(14) **Currents:** The Narrows, North End mid-stream, March 27, 2010 PDT

<u>Slack</u>	<u>Max.</u>	<u>Current</u>
0435	0746	2.61E
1040	1312	2.76F
1610	1937	3.39E
2252		

(15) **Start and Control Point Names and Locations:**

START: Gig Harbor Light

47°19'35.74"N; 122°34'29.39"W  
47°19.5956' N; 122°34.4898' W

Pt Defiance Light

47°19'00.24"N; 122°32'53.01"W  
47°19.0040'N; 122°32.8835' W

CP-1: Tacoma Yacht Club Flag Pole

47°18'25.63"N; 122°30'45.34"W  
47°18.4272'N; 122°30.7557'W

Mc Carver Street Extension

47°16'36.81"N; 122°27'55.27"W      Range 359.5° T  
47°16.6135'N; 122°27.9212'W

CP-2: Browns Point Light

47°18'21.27"N; 122°26'39.37"W  
47°18.3545'N; 122°26.6562'W

CP-3: Dockton Point on Maury Island

47°22'27.24"N; 122°27'46.05"W  
47°22.4540'N; 122°27.7675'W

CP-4: Maury Island Research Lighted Buoy  
47°20'16.70"N; 122°28'45.16"W  
47°20.2783'N; 122°28.7527'W

FINISH: Spring Beach Road  
47°20'56.92"N; 122°31'39.46"W (Range 271.0 T)  
47°20..9487'N; 122°31.6577'W

## **GHYC**

### **Invitational Navigation Contest**

**27 March, 2010**

### **Race Course Description**

From a standing start at the Gig Harbor Light (abeam to Port 150 to 250 yards), begin TR-1 on course 90T for 1.0 nm. Proceed to CP-1, the Tacoma Yacht Club Flag Pole (abeam to starboard between 300 and 400 yards).

**From CP-1:** Proceed to CP-2, the Browns Point Light (abeam to starboard between 100 and 200 yards). En route, pass over an extension of Mc Carver Street in Old Town Tacoma (Range 359.5° T). Leave the end of the Old Town dock to starboard between 200 and 300 yards.

**From CP-2:** Proceed to CP-3, the north end of the point at Dockton on Maury Island. Call the mark when abeam to starboard between 300 and 400 yards. En route leave the Maury Island Research Lighted Buoy (see note below and CP-4 Lat-Lon above) to starboard within 100 yards, and the Quartermaster Harbor Shoal Buoy "2" to starboard within 50 yards. Begin SLOW speed when abeam the Maury Island Research Lighted Buoy. Beware of shoals and private buoys along the Maury Island shoreline.

**From CP-3:** Begin TR-2 on course 300 T for .4 nm. Then proceed to CP-4, the Maury Island Research Lighted Buoy (abeam to port between 200 and 300 yards). Leave the Quartermaster Harbor Shoal Buoy "2" to port no closer than 200 yards. Beware of Neill Point shoals.

**From CP-4:** Resume CRUISE speed. Begin TR-2 on course 200°T for 1.0 nm. Then proceed to the FINISH, an extension of the Spring Beach Road between 200 and 300 yards off the high tide mark. En route, leave the Tahlequah Ferry Dock no less than 400 yards to starboard.

**NOTE:** The Maury Island Research Lighted Buoy "Y QY Priv" was first shown on charts 18448 (1:80,000) and 18474 (1:40,000) with the 1/9/2010 update. Vector chart US5WA18M.000 (1:40,000) first showed the Maury Island Research Lighted Buoy with the 2/23/2009 update. Both vector and raster charts use the same location which is provided in paragraph 15 of the Special Instructions. The buoy is yellow with a yellow light.

**Official mileage: 19.0 NM.**



## Leg Distance and Heading

<b>Leg</b>	<b>Location</b>	<b>Bearing (True)</b>	<b>Distance (nm)</b>	<b>Total Distance (nm)</b>
1	START: Gig Harbor Light			
2	TR-1	90.0	1.000	1.000
3	Owens Beach	112.1	0.993	1.993
4	Tacoma YC Flag Pole	127.9	0.911	2.905
5	Mc Carver St Extention	135.3	2.570	5.474
6	Browns Pt Light	25.7	1.828	7.302
7	Maury Is Research Buoy	323.6	2.335	9.637
8	Quartermaster R "2"	359.8	0.670	10.307
9	Point at Dockton	18.5	1.666	11.973
10	TR-2	298.0	0.412	12.385
11	Quartermaster R "2"	187.2	1.778	14.163
12	Maury Is Research Buoy	182.4	0.663	14.826
13	TR-3	200.0	1.000	15.826
14	Pt Dalco	292.5	1.813	17.639
15	Spring Beach Road Extention	3.0	0.915	18.554