

**THE FOURTEENTH ANNUAL  
GREAT POTTER YACHTER  
NORTHWEST ESCAPE  
AND  
MESSABOUT**



**September  
2016**

*“There is nothing – absolutely nothing –  
half so much worth doing  
as simply messing about in boats.”*

**Kenneth Grahame  
“The Wind in the Willows”**

## OUR MISSION

**You are the captain of your vessel,  
and while we travel with friends, you sail alone.**

**Pottering is a frame of mind,  
where friends share the fun of sailing small craft.  
Therefore, our mission is to advance the cause of Potterdom,  
and make safe harbor.**



***Have Fun And Sail Safe!***

The enclosed information, graphs, and charts are for planning and reference only. The GPS coordinates have not been verified and the sailing directions are designed to help you in the planning of your route.

*Cover: Sunset at Blakely Island Marina  
Photos: Don Person*

**Messabout XIV**  
**The Plan**  
**Sept 2016**

“**The Plan**” is to sail from Kingston, WA, to Port Townsend to attend the Wooden Boat Show, and then return to Kingston. For those skippers who want to spend more time on the water, they can add Option 1 to the beginning of The Plan and/or Option 2 to the end. A third Option has been proposed that replaces Option 2 and explores the Hood Canal.

**For Option 1:** Drive to Olympia, WA (approximately 720 miles, 12 hours driving time from the Bay area), and launch out of Swantown Marina. Time your arrival to launch on Saturday morning, Sept 3. From Olympia, it is a four-day sail to Kingston via Longbranch, Gig Harbor, and Blake Island.

**The Plan:** Drive to Kingston, WA (approximately 800 miles, 15 hours driving time from the Bay area). Time your arrival to launch on Wednesday morning, Sept 7. Kingston has a boat ramp, parking, and guest docks with shopping nearby. There is no launch fee, but parking is \$10.00 per day. ([www.portofkingston.org](http://www.portofkingston.org)).

**Itinerary:**

**Option 1:**

**Day 1:** Saturday, Sept 3. From Olympia, sail to Longbranch Marina (15 nm).

**Day 2:** Sunday, Sept 4. Sail to Gig Harbor (16 nm).

**Day 3:** Monday, Sept 5. Sail to Blake Island (15 nm).

**Day 4:** Tuesday, Sept 6. Sail to Kingston (15 nm).

**The Plan**

**Day 1/5** (This is day 5 for skippers sailing Option 1): Wednesday, Sept. 7. Sail to Port Ludlow or Mats Mats Bay for anchoring out (15 nm) and spend the night.

**Day 2/6:** Thursday, Sept 8. Sail to Port Townsend (13 nm).

**Day 3/7 – 5/9:** Friday – Sunday, Sept 9 – 11. Attend the Wooden Boat Festival or go sailing. There are lots of nearby and interesting places to sail to: Rat Island, Mystery Bay on Marrowstone Island, Keystone Harbor on Whidbey Island, or around the point to Discovery Bay.

**Day 6/10:** Monday, Sept 12. Sail to Port Ludlow or Mats Mats Bay (13 nm).

**Day 7/11:** Tuesday, Sept 13. Sail to Kingston (15 nm). Skippers can either pull out at Kingston or continue on to Gig Harbor (2 days, 30 miles), or Olympia (4 days, 61 nm).

**Option 2:**

**Day 8/12:** Wednesday, Sept 14. From Kingston, sail to Blake Island (15 nm).

**Day 9/13:** Thursday, Sept 15. Sail to Gig Harbor (15 nm). **See note 1.**

**Day 10/14:** Friday, Sept 16. Sail to Longbranch (16 nm).

**Day 11/15:** Saturday, Sept 17. Sail to Olympia (15 nm). **See note 2.**



**Messabout XIV**  
***The Plan***  
**Sept 2016**  
(continued)

**Option 3:** (An alternative to Option 2, suggested by Dick Galland.)

**Day 7/11:** Tuesday, Sept 13. Depart Port Ludlow/Mats Mats Bay for Pleasant Harbor, on the west shore at the head of the Hood Canal. Full service marina (24 nm).

**Day 8/12:** Wednesday, Sept 14: Pleasant Harbor to Hoodspport, down the length of the Canal. Small marina (19 nm).

**Day 9/13:** Thursday, Sept 15: Hoodspport to either Union or Alderbrook Resort (3.5 or 5 nm respectively). **See note 3.**

**Note 1:** From Gig Harbor we can easily arrange transportation back to Kingston to pick up the vehicles.

**Note 2:** Arranging transportation from Olympia back to Kingston to pick up a vehicle is more problematic, but we can work on it.

**Note 3:** The public ramp is in Union. In the afternoon, a shuttle can take us to the marina in Olympia, about 30 miles away. Dick Galland has spoken with both a car service and a taxi company. Both are able to pick us up in Union or at the resort. \$100 total for the taxi. Van would about \$50 each for 6. Winds at that time of year in the Canal are generally from NNE at an average velocity of 12K.

**Messabout XIV**  
**Stuff to Know**  
**Sept 2016**

**Sailing Conditions:**

**1. General.** While we will be sailing in fairly protected waters, maintain a reasonable caution. Expect currents associated with flood and ebb tides, with two areas of concern: the Port Townsend Canal and the Tacoma Narrows. Be sure to reference the attached tide and current tables. Generally, flood tides are southerly, flowing away from the Straits of San Juan de Fuca. Conversely, ebb tides are northerly, flowing towards the Straits.

**2. Tacoma Narrows.** Sailing the Tacoma Narrows in a microcruiser can be safely done, but attention must be paid to winds and currents. Monitor the weather, check for local knowledge, and use the attached tables for **September** to determine the best time to shoot the narrows. Do not attempt against a head wind and a counter-current.

**3. Port Townsend Canal.** The dredged channel is relatively narrow and spanned by a bridge with a 58-foot vertical clearance. Currents normally run 2.5 to 3.0 knots. Check the included table and transit on slack water that is followed by a favorable current. For example: on Thursday, Sept. 8, slack water occurs at 8:12 AM with a northerly ebb current until 2:55 PM.

**4. The Point Wilson Rip.** A very confused piece of water north of Port Townsend at the entrance to Admiralty Inlet, which normally forms on an ebb tide (but not always), and when accompanied by a westerly wind, definitely not good! The Rip can be a factor on a sail around the point to Discovery Bay, or crossing the Straits of San Juan de Fuca.

**Avoid!**

**5. Crossing the Strait of San Juan de Fuca.** Should the urge overcome you, check for local knowledge, monitor the weather closely, and check the Current Atlas, as currents will be a factor. Avoid the Point Wilson Rip. Do not challenge under questionable weather conditions.

**Charts:**

1. Waterproof Charts, Puget Sound, #30.
2. NOAA Chart #18441 and #18445.

## Stuff to Know (cont.)

✓ **Port of Ludlow Marina.** [www.portludlowresort.com](http://www.portludlowresort.com) 1 Gull Drive, Port Ludlow, WA 98365. (360) 437-0513. Moorage \$25 per night. Full service marina with all the amenities. Reservations recommended. Hail on VHF 68.

*Festival Harbor master*  
**Port Townsend Boat Haven.** [www.portoft.com](http://www.portoft.com) 2601 Washington St. Port Townsend, WA, 98368. (800) 228-2803. Full service marina. Launch ramp \$10. Moorage fees vary, depending on what is available. It is first come, first served and there are no reservations. Fills up early for Wooden Boat Show. Hail on VHF 09/16/66A.

**Swantown Marina,** [www.portolympia.com](http://www.portolympia.com) 1022 Marine Drive NE, Olympia, WA. (360) 528-8049. Excellent location and all services available. Launch fee \$5, parking \$3 per night (place receipt on dashboard), moorage \$16.80 per night. Hail on VHF 16/65A.

**Union, Hood Canal Marina,** [www.hood-canal-marina.com](http://www.hood-canal-marina.com) (360) 898-2252  
Some guest moorage available, store, launch ramp subject to tides.

### **Anchorage:**

**Discovery Bay.** Open and unobstructed, but seldom used for overnight anchorages. It is located approximately 5 nm west of Port Townsend, but is approximately a 12 nm sail around Point Wilson.

**Kilisut Harbor.** Potential overnight anchorages, especially if Mystery Bay Marine State Park is full. The entrance into Kilisut is 2nm south of Port Townsend, across Port Townsend Bay, behind Rat island. Check local knowledge.

**Mats Mats.** A small, well protected bay entered through a tricky, but well marked, dredged, 100-yard-wide channel. A red nun Coast Guard buoy "8" marks the sandbar on the western side at the northern entrance. **Beware** of Klas Rock, marked with a white light flashing twice every five seconds, located 800 yards east of channel entrance.

### **Gig Harbor Boat Ramp:**

Located on NW side of Gig Harbor at the end of Randall Dr. NW. From Arabella's Landing, 2.1 miles by road, .3 nm by water. Limited parking. (253) 305-1000.

### **Note:**

**Satellite coverage:** Google Earth provides detailed photography of the entire area.



## **Stuff to Know (cont.)**

**Travel to Canada:** While not expected, just in case:

1. The requirements/procedures are the same as last year. Check [www.waggonerguide.com](http://www.waggonerguide.com) or [www.cbp.gov](http://www.cbp.gov) for updates.
2. You will need your boat's registration number and the names, citizenship, birth date, and residence of passengers. **Write down your Canadian Clearance Number.** Check [www.cbsa-asfc.gc.ca](http://www.cbsa-asfc.gc.ca) for updates.
3. Each adult is permitted 40 fluid ounces of liquor, 1.5 liters of wine, or 24 – 12 ounce bottles of beer. **Firearms** are permitted, but you must go to a manned station and fill out a Non-resident Declaration Form. The gun must be unloaded, unable to fire (disassembled), and stored in a locked unit.
4. To reenter the U.S., you will need a passport(s), boat registration, **and the Canadian Clearance Number.** To clear through Port Townsend, you must call ahead for an appointment at (360) 385-3777. See [www.portofpt.com](http://www.portofpt.com) for details.

### **Port Townsend:**

Staying at Boat Haven is best, but in decent weather there are many options. Josh Colvin reports that Port Townsend doesn't have fantastic protected anchorages, but depending on wind direction and conditions, there is comfortable anchoring in the area just south of downtown, in the lee of the ferry terminal, with fairly good bottom. It is usual reasonably calm. Usually the anchorages in front of downtown are okay, but monitor the weather.

Another option is to sail up to Fort Worden just north of Port Townsend, toward Point Wilson, where there are designated mooring balls and a little dock inside the tiny protected harbor.

### **Marine Parks:**

**Blake Island Marine State Park.** Located on northeast shore of the island with breakwater protected marina. First come, first served moorage. Fee \$12 per night (dock or buoy). 30 amp power available. A very popular destination, so arrive early as possible.

**Fort Casey State Park.** (360) 331- 4559. Located on Whidbey Island, adjacent to Keystone Harbor on Admiralty Bay (4.5 nm from Port Townsend across Admiralty Inlet). Ferry terminal in harbor and not good for anchoring. Questionable overnighing. Probably best for a day sail from Port Townsend.

## **Stuff to Know (cont.)**

**Fort Worden Marine State Park.** (360) 385-4730. Located just north of Port Townsend. Restrooms, showers, and laundry, but no power. Use the dock or buoys. While not considered good anchorage, there is a good sand bottom in about three fathoms. Minimum daily fee is \$12.

**Mystery Bay Marine State Park.** Located in Kilisut Harbor on Marrowstone Island, 5 nm south of Port Townsend. First come, first served moorage. Fee \$12 per night (dock or buoy). Toilets, but no showers and power.

### **Marinas:**

**Alderbrook Resort & Spa** [www.alderbrookresort.com](http://www.alderbrookresort.com) (360) 898-2252. Very posh resort, moorage available, restrooms & showers, restaurant.

**Arabella's Landing**, [www.arabellaslanding.com](http://www.arabellaslanding.com) 3323 Harborview Dr., Gig Harbor, WA 98332. (253) 851-1793. A classy marina. Restrooms, showers, laundry available. Restaurants within easy walking distance. Call for parking. Overnight moorage \$30. Boat ramp located on NW side of Gig Harbor at the end of Randall Dr. NW. From Arabella's Landing, 2.1 miles by road, .3 nm by water. Limited parking.

**Longbranch Improvement Club Marina**, [www.longbranchimprovementclub.org](http://www.longbranchimprovementclub.org) Longbranch, WA. (253) 307-1873. First come – first served guest moorage, portable toilets, no showers, no supplies. Moorage fee \$.75 per foot per night, electrical hookups \$4.50, cash or check only.

**Pleasant Harbor Marina**, [www.pleasantharbormarina.com](http://www.pleasantharbormarina.com) (360) 796-4611. Guest moorage, store, restrooms/showers, restaurant. When entering the harbor stay in mid-channel. Hail on VHF 9 & 16.

**Port Hadlock Bay Marina**, 310 Hadlock Bay Rd. Poet Hadloek, WA 98339. (360) 385-6368. Restrooms, showers, laundry. No groceries or marine supplies at marina but a general store is nearby. Moorage fee \$1 per foot per night. Limited space, call ahead for availability. Hail on VHF 16, switch to 66A.

**Port of Hoodspout Marina**, Public restrooms across the street. Stores, cafes, shops within walking distance.

**Port of Kingston.** [www.portofkingston.org](http://www.portofkingston.org) 25864 Washington Blvd. Kingston, WA 98346. (360) 297-3545. Launch ramp is free, parking \$8.00 per day, moorage \$1 per foot per night (recommended to call for reservations). Restrooms, free showers, laundry. Nearby shopping and restaurants. Hail on VHF 65.



**DRIVING DIRECTIONS**  
**to**  
**Kingston, Washington**

**Depart** for Kingston, WA, via Portland, OR, Olympia, WA, and Tacoma, WA. The distance to Kingston is approximately 800 miles, 15 hours driving time from the Bay area.

1. **Take I-5 North** approximately 600 miles to the southern edge of Portland, OR.
2. **Stay on I-5 or take I-205 North** (Exit 288) to bypass Portland traffic. Go 37 miles.
3. **Rejoin I-5 North** (Exit 36) - go 96 miles to Olympia WA.
4. **Continue on I-5 North** for 29 miles to Tacoma, WA.
5. **Take Exit 132 (WA- 16)** toward Bremerton, WA.
6. **Take WA-16.** Go 22 miles toward Bremerton to junction with route WA-3.  
(Do not go into Bremerton or Port Orchard and stay on WA-16 until it junctions with WA-3.)
7. **Take WA-3** toward Poulsbo for 18 miles to junction with Hwy 305. (Do not go into Poulsbo.)
8. **Take Hwy 305.** Turn right onto Hwy 305 and go 1 mile. Turn left onto Bond Rd NE/  
Hwy 307 toward Kingston.
9. **Follow Bond Rd/Hwy 307** for 9 miles into Kingston (Hwy 307 becomes Hwy 104).  
Go straight ahead into Kingston to the ferry. Marina will be on your right.

**Messabout XIV**  
**Sailing Directions**  
**The Plan**  
**Sept 2016**

**Kingston Marina to Port Ludlow** (15 nm) or  
**Mats Mats Bay** (14.5 nm).

- Clear the harbor and sail northward for 8 nm to Point No Point.
- Sail westward 4 nm to clear Foulweather Bluff.
- Sail southwest for 3 nm to Port Ludlow or west for 3 nm to Mats Mats Bay.

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**Port Ludlow/ Mats Mats to Port Townsend** (13 nm) via  
**The Port Townsend Canal.**

- Clear Port Ludlow/Mats Mats and sail northward for 7 nm to enter the Port Townsend Canal. Enter the Canal on slackwater that is followed by an ebb tide. For example, on Thursday, Sept 8, slack water occurs at 8:12 AM with a northerly ebb current until 2:55 PM.
- Plan on motoring through the canal, which is approximately .75 nm long. The canal is spanned by a bridge with 58 feet vertical clearance.
- Sail northward for 5 nm to Port Townsend.

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**Sailing the Port Townsend area.**

- Nearby destinations, Rat Island, Mystery Bay, or Keystone Harbor are all within 5 nm.
  - Check for local knowledge and tidal currents.
  - Use your GPS for point-to-point navigation.
-

**Messabout XIV**  
***Sailing Directions***  
**The Plan**  
**Sept 2016**  
**(cont.)**

**Port Townsend to Port Ludlow/Mats Mats (13 nm) via  
The Port Townsend Canal.**

- Sail southward for 5 nm to enter the Port Townsend Canal. Enter on a slack water that is followed by a flood tide. For example, on Sept 12, slack water occurs at 6:55 AM with a southerly flood current until 12:57 PM.
- Plan on motoring through the canal, which is approximately .75 nm long. The canal is spanned by a bridge with 58 feet vertical clearance.
- Sail southward for 7 nm to Port Ludlow.

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**Port Ludlow/Mats Mats to Kingston Marina (15 nm).**

- Clear marina and sail northeast 3 nm to Foulmouth Bluff.
  - Sail eastward for 4 nm to clear Point No Point.
  - Sail southward for 8 nm to Kingstone.
-



**Messabout XIV**  
**Sailing Directions**  
**Option One**  
**Sept 2016**

**Swantown Marina to Longbranch (15 nm).**

- Clear marina and sail north 5 nm (to clear Budd Inlet) to Boston Harbor.
  - Sail northeast 4.5 nm to clear Johnson Point.
  - Sail east 2 nm to clear Devil's Head.
  - Sail northward for 3.5 nm to Longbranch Marina.
- 

**Longbranch Marina to Gig Harbor (16.5 nm).**

- Clear Marina and sail east-north-east 3.5 nm into Balch Passage (between McNeil and Anderson Islands).
  - Sail northward 12 nm to enter the Tacoma Narrows and then to Gig Harbor. Transit the Tacoma narrows on slackwater that is followed by an ebb tide. For example, on [Sunday, Sept 4, slack water occurs at 8:23 AM with a northerly ebb current until 14:48 PM.](#)
  - Enter Gig Harbor and sail approximately 1 nm to Arabella's Marina.
- 

**Gig Harbor to Blake Island (14.5 nm)**

- Clear Gig Harbor (1 nm)
  - Sail northward 13.5 nm through Colvos Passage to Blake Island. The State Park is on the northeast end of Blake Island.
- 

**Blake Island to Kingston (15 nm)**

- Sail northward 15 nm in Puget Sound, past Bainbridge Island, to Kingston. Monitor shipping and avoid Southbound Puget Sound Traffic Lane.
-

**Messabout XIV**  
***Sailing Directions***  
**Option Two**  
**Sept 2016**

**Kingston to Blake Island (15 nm)**

- Clear the Marina and sail southward 15 nm in Puget Sound, past Bainbridge Island, to Blake Island. Monitor shipping and avoid Southbound Puget Sound Traffic Lane.
- 

**Blake Island to Gig Harbor (14.5 nm)**

- Clear the northeastern tip of Blake Island and sail southward 13.5 nm through Colvos Passage to Gig Harbor entrance.
  - Enter Gig Harbor and sail 1 nm to Arabella's Landing.
- 

**Gig Harbor to Longbranch Marina (16.5 nm).**

- Clear Gig Harbor (1 nm).
  - Sail southward 12 nm through the Tacoma Narrows to Balch Passage. Transit the Tacoma narrows on slackwater that is followed by a flood tide. For example, on [Friday, Sept 16](#), slack water occurs at 12:22 PM with a southerly flood current until 6:36 PM.
  - Sail west-south-west 3.5 nm into Balch Passage to Longbranch Marina.
- 

**Longbranch Marina to Swantown Marina (15 nm).**

- Clear marina and sail southward 3.5 nm to Devil's Head.
  - Sail west for 2 nm to clear Johnson Point.
  - Sail southwest for 4.5 nm to Boston Harbor.
  - Sail southward 5 nm into Budd Inlet to Swantown Marina.
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**Messabout XIV**  
***Sailing Directions***  
**Option Three**  
**Sept 2016**

**Port Ludlow/ Mats Mats to Pleasant Harbor (24 nm).**

- Clear Port Ludlow/Mats Mats and sail southeast 2 nm and enter the Hood Canal.
  - Sail southward 16 nm to Hazel Point to round the southern tip of Toandos Peninsula.
  - Sail southwest 6 nm to Pleasant Harbor.
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**Pleasant Harbor to Hoodsport Marina (19 nm).**

- Clear Pleasant Harbor and sail southward down the Hood Canal 19 nm.
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**Hoodsport Marina to Union (3.5 nm) or Alderbrook Resort (5 nm).**

- Clear the marina and sail south-southeast 3.5 nm to the public ramp at Union.
  - To reach Alderbrook Resort, sail east for 1.5nm.
-



## **GPS Coordinates**

*(degrees-minutes-seconds)*

### **Alderbrook Resort & Spa**

47-21-00N  
123-04-00W

### **Balch Passage (Waypoint)**

47-11-00N  
122-40-00W

### **Blake Island (State Park)**

47-32-38N  
122-29-00W

### **Boston Harbor (Waypoint)**

47-08-37N  
122-54-30W

### **Devils Head (Waypoint)**

47-09-47N  
122-46-00W

### **Fort Worden (State Park)**

48-08-08N  
122-45-36W

### **Foulmouth Bluff (Waypoint)**

47-56-40N  
122-37-00W

### **Gig Harbor (Entrance)**

47-19-30N  
122-34-30W

### **Hazel Point (Waypoint)**

47-41-18N  
122-45-36W

### **Johnston Point (Waypoint)**

47-11-00N  
122-49-00W

### **Keystone Harbor, Whidbey Island (Entrance)**

48-09-23N  
122-40-15W

### **Kingston Marina**

47-47-35N  
122-29-50W

### **Longbranch Marina**

47-12-35N  
122-45-11W

### **Mats Mats Bay (Entrance)**

47-57-46N  
122-40-45W

### **Mystery Bay, Marrowstone Island**

48-03-23N  
122-42-05W

### **Pleasant Harbor Marina (Entrance)**

47-40-00N  
122-54-20W

### **Point No Point (Waypoint)**

47-54-48N  
122-31-00W

### **Port Hadlock Marina**

48-01-55N  
122-44-45W

### **Port Ludlow Marina**

47-55-18N  
122-41-06W

### **Port of Hoodspport Marina**

47-24-10N  
123-08-24W

## **GPS Coordinates**

*(degrees-minutes-seconds)*

*(continued)*

### **Port Townsend (Boat Haven)**

48-06-26N

122-46-12W

### **Port Townsend Canal (Mid point)**

48-01-43N

122-43-40W

### **Rat Island,**

#### **Kilisut Bay (Entrance)**

48-05-00N

122-44-20W

### **Swantown Marina, Olympia**

47-03-32N

122-53-47W

### **Tacoma Narrows Bridge (Waypoint)**

47-16-00N

122-33-00W

### **Union, Hood Canal Marina**

47-21-30N

123-05-58W

# OLYMPIA TIDAL HEIGHTS

## Budd Inlet

47-03-36N 122-54-12W

September 2016

	Tide		Tide		Tide		Tide	
<b>Time Zone is PDT</b>	<b>Units are feet</b>							
Thu 01 Sep ●	00:40	4.3L	05:55	13.3H	12:30	0.1L	19:04	14.5H
Fri 02 Sep	01:14	3.7L	06:39	13.2H	13:08	0.8L	19:29	14.4H
<b>Sat 03 Sep</b>	01:48	3.2L	07:22	13.0H	13:45	1.6L	19:56	14.2H
<b>Sun 04 Sep</b>	02:22	2.7L	08:06	12.8H	14:22	2.6L	20:25	14.0H
Mon 05 Sep	02:57	2.3L	08:52	12.5H	15:00	3.6L	20:57	13.7H
Tue 06 Sep	03:36	2.0L	09:42	12.2H	15:41	4.7L	21:32	13.2H
Wed 07 Sep	04:17	1.8L	10:37	11.9H	16:26	5.7L	22:10	12.6H
Thu 08 Sep	05:04	1.8L	11:41	11.6H	17:22	6.7L	22:56	12.0H
Fri 09 Sep ◐	05:57	1.8L	12:57	11.6H	18:37	7.3L	23:51	11.5H
<b>Sat 10 Sep</b>	06:57	1.7L	14:20	11.9H	20:12	7.5L		
<b>Sun 11 Sep</b>	00:54	11.2H	07:59	1.4L	15:27	12.4H	21:26	7.1L
Mon 12 Sep	01:59	11.3H	08:57	1.0L	16:13	13.0H	22:13	6.5L
Tue 13 Sep	02:59	11.8H	09:50	0.5L	16:47	13.6H	22:49	5.7L
Wed 14 Sep	03:52	12.4H	10:37	0.2L	17:18	14.1H	23:23	4.8L
Thu 15 Sep	04:42	13.1H	11:21	0.0L	17:48	14.5H	23:59	3.7L
Fri 16 Sep ○	05:31	13.7H	12:05	0.2L	18:19	14.9H		
<b>Sat 17 Sep</b>	00:37	2.5L	06:21	14.2H	12:48	0.7L	18:53	15.2H
<b>Sun 18 Sep</b>	01:19	1.4L	07:12	14.4H	13:33	1.6L	19:28	15.3H
Mon 19 Sep	02:02	0.4L	08:07	14.4H	14:19	2.7L	20:07	15.2H
Tue 20 Sep	02:49	-0.3L	09:05	14.2H	15:09	3.9L	20:49	14.8H
Wed 21 Sep	03:39	-0.6L	10:09	13.8H	16:05	5.1L	21:36	14.2H
Thu 22 Sep	04:34	-0.5L	11:21	13.4H	17:11	6.1L	22:31	13.4H
Fri 23 Sep ◐	05:34	-0.2L	12:45	13.2H	18:34	6.7L	23:37	12.5H
<b>Sat 24 Sep</b>	06:41	0.2L	14:11	13.4H	20:10	6.5L		
<b>Sun 25 Sep</b>	00:54	11.9H	07:51	0.6L	15:21	13.8H	21:28	5.8L
Mon 26 Sep	02:14	11.8H	08:59	0.8L	16:14	14.1H	22:24	4.9L
Tue 27 Sep	03:26	12.0H	09:58	1.0L	16:53	14.3H	23:08	4.0L
Wed 28 Sep	04:26	12.4H	10:48	1.3L	17:25	14.3H	23:44	3.2L
Thu 29 Sep	05:17	12.8H	11:32	1.7L	17:51	14.2H		
Fri 30 Sep ●	00:15	2.5L	06:01	13.1H	12:11	2.3L	18:14	14.1H



# PORT TOWNSEND CANAL

## Tides & Currents

48-01-43 122-43-40W

September 2016

Flood direction: southerly (140° magnetic)

Ebb direction: northerly (320° magnetic)

Day	Slack	Flood	Slack	Ebb	Slack	Flood	Slack	Ebb	Slack	Flood	Slack
Thu 1		12:22 AM PDT / 2.8 kt	3:23 AM PDT	6:28 AM PDT / -3.0 kt	10:32 AM PDT	12:43 PM PDT / 3.3 kt	4:03 PM PDT	7:02 PM PDT / -3.0 kt	11:10 PM PDT		
Fri 2		1:02 AM PDT / 3.0 kt	4:06 AM PDT	7:10 AM PDT / -3.0 kt	11:11 AM PDT	1:21 PM PDT / 3.3 kt	4:36 PM PDT	7:37 PM PDT / -3.0 kt	11:43 PM PDT		
Sat 3		1:40 AM PDT / 3.0 kt	4:45 AM PDT	7:49 AM PDT / -3.0 kt	11:47 AM PDT	1:57 PM PDT / 3.2 kt	5:08 PM PDT	8:12 PM PDT / -3.0 kt			
Sun 4		12:15 AM PDT / 3.0 kt	2:18 AM PDT	5:23 AM PDT / -2.9 kt	8:28 AM PDT	12:21 PM PDT / 3.1 kt	2:34 PM PDT	5:36 PM PDT / -3.0 kt	8:48 PM PDT /		
Mon 5		12:45 AM PDT / 3.0 kt	2:56 AM PDT	6:00 AM PDT / -2.8 kt	9:07 AM PDT	12:54 PM PDT / 2.9 kt	3:11 PM PDT	6:04 PM PDT / -2.9 kt	9:25 PM PDT /		
Tue 6		1:15 AM PDT / 2.9 kt	3:35 AM PDT	6:38 AM PDT / -2.7 kt	9:48 AM PDT	1:28 PM PDT / 2.6 kt	3:50 PM PDT	6:32 PM PDT / -2.8 kt	10:04 PM PDT		
Wed 7		1:46 AM PDT / 2.7 kt	4:18 AM PDT	7:21 AM PDT / -2.5 kt	10:32 AM PDT	2:06 PM PDT / 2.3 kt	4:33 PM PDT	7:04 PM PDT / -2.6 kt	10:46 PM PDT		
Thu 8		2:24 AM PDT / 2.5 kt	5:05 AM PDT	8:12 AM PDT / -2.3 kt	11:22 AM PDT	2:55 PM PDT / 2.0 kt	5:23 PM PDT	7:43 PM PDT / -2.4 kt	11:36 PM PDT		
Fri 9		3:10 AM PDT / 2.4 kt	6:00 AM PDT	9:20 AM PDT / -2.1 kt	12:20 PM PDT	4:14 PM PDT / 1.7 kt	6:22 PM PDT	8:34 PM PDT			
Sat 10				12:33 AM PDT / -2.2 kt	4:13 AM PDT	7:03 AM PDT / 2.3 kt	10:43 AM PDT	1:26 PM PDT / -2.0 kt	6:04 PM PDT / 1.5 kt	7:31 PM PDT	9:53 PM PDT
Sun 11				1:38 AM PDT / -2.2 kt	5:38 AM PDT	8:11 AM PDT / 2.3 kt	11:58 AM PDT	2:37 PM PDT / -2.1 kt	7:24 PM PDT / 1.6 kt	8:42 PM PDT	11:31 PM PDT
Mon 12				2:45 AM PDT / -2.2 kt	6:55 AM PDT	9:16 AM PDT / 2.5 kt	12:57 PM PDT	3:43 PM PDT / -2.3 kt	8:19 PM PDT / 1.9 kt	9:45 PM PDT	
Tue 13			12:43 AM PDT	3:47 AM PDT / -2.4 kt	7:54 AM PDT	10:12 AM PDT / 2.7 kt	1:44 PM PDT	4:36 PM PDT / -2.5 kt	9:00 PM PDT / 2.3 kt	10:38 PM PDT	
Wed 14			1:37 AM PDT	4:41 AM PDT / -2.6 kt	8:43 AM PDT	10:59 AM PDT / 3.0 kt	2:23 PM PDT	5:21 PM PDT / -2.8 kt	9:36 PM PDT / 2.6 kt	11:23 PM PDT	
Thu 15			2:22 AM PDT	5:28 AM PDT / -2.8 kt	9:26 AM PDT	11:42 AM PDT / 3.2 kt	2:59 PM PDT	6:01 PM PDT / -3.0 kt	10:08 PM PDT		
Fri 16		12:04 AM PDT / 2.9 kt	3:03 AM PDT	6:12 AM PDT / -3.0 kt	10:05 AM PDT	12:22 PM PDT / 3.3 kt	3:32 PM PDT	6:39 PM PDT / -3.1 kt	10:39 PM PDT		
Sat 17		12:44 AM PDT / 3.2 kt	3:43 AM PDT	6:55 AM PDT / -3.1 kt	10:44 AM PDT	1:02 PM PDT / 3.4 kt	4:05 PM PDT	7:18 PM PDT / -3.2 kt	11:10 PM PDT		
Sun 18		1:25 AM PDT / 3.3 kt	4:24 AM PDT	7:37 AM PDT / -3.2 kt	11:23 AM PDT	1:42 PM PDT / 3.4 kt	4:38 PM PDT	7:57 PM PDT / -3.3 kt	11:43 PM PDT		
Mon 19		2:06 AM PDT / 3.4 kt	5:07 AM PDT	8:21 AM PDT / -3.2 kt	12:04 PM PDT	2:23 PM PDT / 3.2 kt	5:11 PM PDT	8:38 PM PDT / -3.3 kt			
Tue 20		12:20 AM PDT / 3.4 kt	2:49 AM PDT	5:52 AM PDT / -3.1 kt	9:06 AM PDT	12:47 PM PDT / 3.1 kt	3:07 PM PDT	5:48 PM PDT / -3.2 kt	9:21 PM PDT /		
Wed 21		1:00 AM PDT / 3.3 kt	3:36 AM PDT	6:43 AM PDT / -2.9 kt	9:55 AM PDT	1:37 PM PDT / 2.8 kt	3:54 PM PDT	6:28 PM PDT / -3.0 kt	10:08 PM PDT		
Thu 22		1:46 AM PDT / 3.2 kt	4:28 AM PDT	7:41 AM PDT / -2.7 kt	10:49 AM PDT	2:37 PM PDT / 2.4 kt	4:48 PM PDT	7:16 PM PDT / -2.8 kt	11:01 PM PDT		
Fri 23		2:41 AM PDT / 3.0 kt	5:26 AM PDT	8:52 AM PDT / -2.5 kt	11:51 AM PDT	3:58 PM PDT / 2.1 kt	5:51 PM PDT	8:18 PM PDT			
Sat 24				12:02 AM PDT / -2.6 kt	3:52 AM PDT	6:33 AM PDT / 2.8 kt	10:13 AM PDT	1:01 PM PDT / -2.4 kt	5:35 PM PDT / 1.9 kt	7:05 PM PDT	9:48 PM PDT
Sun 25				1:13 AM PDT / -2.4 kt	5:21 AM PDT	7:47 AM PDT / 2.7 kt	11:31 AM PDT	2:20 PM PDT / -2.4 kt	6:57 PM PDT / 1.9 kt	8:25 PM PDT	11:25 PM PDT

# PORT TOWNSEND TIDAL HEIGHTS

## Admiralty Inlet

48-06-42N 122-45-30W

September 2016

	Tide		Tide		Tide		Tide	
Time Zone is PDT	Units are feet							
Thu 01 Sep ●	04:26	7.4H	10:33	0.3L	17:56	8.2H	23:08	3.5L
Fri 02 Sep	05:14	7.3H	11:11	0.9L	18:21	8.1H	23:45	3.0L
<b>Sat 03 Sep</b>	06:01	7.2H	11:49	1.6L	18:45	8.0H		
<b>Sun 04 Sep</b>	00:23	2.5L	06:48	7.0H	12:28	2.3L	19:09	7.9H
Mon 05 Sep	01:03	2.1L	07:38	6.8H	13:08	3.1L	19:36	7.8H
Tue 06 Sep	01:45	1.8L	08:33	6.7H	13:52	4.0L	20:06	7.6H
Wed 07 Sep	02:30	1.6L	09:36	6.5H	14:42	4.7L	20:40	7.3H
Thu 08 Sep	03:20	1.5L	10:57	6.5H	15:45	5.4L	21:18	7.1H
Fri 09 Sep ○	04:14	1.3L	12:49	6.6H	17:06	5.8L	22:03	6.9H
<b>Sat 10 Sep</b>	05:13	1.2L	14:06	7.0H	18:32	5.9L	22:57	6.7H
<b>Sun 11 Sep</b>	06:11	1.0L	14:52	7.3H	19:35	5.7L		
Mon 12 Sep	00:00	6.7H	07:06	0.7L	15:24	7.6H	20:15	5.4L
Tue 13 Sep	01:06	6.8H	07:56	0.4L	15:50	7.8H	20:47	4.9L
Wed 14 Sep	02:09	7.0H	08:41	0.2L	16:15	8.0H	21:20	4.2L
Thu 15 Sep	03:08	7.4H	09:24	0.2L	16:41	8.1H	21:56	3.3L
Fri 16 Sep ○	04:05	7.6H	10:07	0.4L	17:09	8.3H	22:36	2.4L
<b>Sat 17 Sep</b>	05:01	7.8H	10:49	0.9L	17:40	8.4H	23:19	1.4L
<b>Sun 18 Sep</b>	05:58	7.9H	11:33	1.7L	18:13	8.5H		
Mon 19 Sep	00:04	0.7L	06:58	7.9H	12:19	2.6L	18:48	8.5H
Tue 20 Sep	00:53	0.1L	08:02	7.8H	13:09	3.5L	19:26	8.4H
Wed 21 Sep	01:45	-0.3L	09:12	7.7H	14:05	4.5L	20:08	8.1H
Thu 22 Sep	02:42	-0.3L	10:30	7.6H	15:13	5.2L	20:57	7.7H
Fri 23 Sep ●	03:44	-0.2L	11:57	7.7H	16:39	5.6L	21:54	7.3H
<b>Sat 24 Sep</b>	04:51	0.1L	13:15	7.9H	18:18	5.5L	23:04	6.9H
<b>Sun 25 Sep</b>	06:00	0.4L	14:15	8.2H	19:40	5.0L		
Mon 26 Sep	00:27	6.7H	07:06	0.7L	15:02	8.3H	20:35	4.5L
Tue 27 Sep	01:49	6.7H	08:03	1.0L	15:40	8.4H	21:13	3.8L
Wed 28 Sep	02:58	6.9H	08:51	1.3L	16:12	8.3H	21:45	3.2L
Thu 29 Sep	03:55	7.1H	09:33	1.8L	16:39	8.2H	22:14	2.6L
Fri 30 Sep ●	04:44	7.3H	10:12	2.3L	17:00	8.1H	22:43	2.0L

# TACOMA NARROWS CURRENTS

(north end, midstream)

47°18.4'N122°33.0'W

**September 2016**

**NOTE:** Sailing the Tacoma Narrows in a microcruiser can be safely done, but attention must be paid to winds and currents. Monitor the weather, check for local knowledge, and use the attached table to determine the best time. Do not attempt against a head wind and a counter-current.

Flood Direction (+): 120° Magnetic

Ebb Direction (-): 315° Magnetic

	Turn	Max	Turn	Max	Turn
	Time Zone is PDT		Units are knots		
<u>Thu 01 Sep</u>	00:37	03:08	2.9F	06:08	09:44
		15:44	4.2F	19:19	22:32
<u>Fri 02 Sep</u>	01:18	03:52	3.1F	06:55	10:22
		16:21	4.1F	19:50	23:01
<u>Sat 03 Sep</u>	01:58	04:34	3.3F	07:40	10:57
		16:56	3.9F	20:19	23:26
<u>Sun 04 Sep</u>	02:35	05:14	3.4F	08:23	11:31
		17:32	3.6F	20:46	23:51
<u>Mon 05 Sep</u>	03:13	05:54	3.4F	09:07	12:05
		18:10	3.2F	21:14	
<u>Tue 06 Sep</u>		00:19	-3.0E	03:51	06:37
		12:42	-2.4E	16:07	18:49
<u>Wed 07 Sep</u>		00:52	-2.8E	04:31	07:21
		13:24	-2.0E	16:52	19:32
<u>Thu 08 Sep</u>		01:30	-2.7E	05:17	08:10
		14:13	-1.6E	17:44	20:19
<u>Fri 09 Sep</u>		02:14	-2.5E	06:08	09:04
		15:14	-1.3E	18:47	21:11
<u>Sat 10 Sep</u>		03:07	-2.4E	07:07	10:03
		16:38	-1.1E	19:56	22:09
<u>Sun 11 Sep</u>	00:32	04:10	-2.3E	08:07	11:04
		18:23	-1.3E	21:01	23:10
<u>Mon 12 Sep</u>	01:38	05:19	-2.4E	09:06	12:03
		19:21	-1.6E	21:58	
<u>Tue 13 Sep</u>		00:10	1.7F	02:46	06:25
		12:58	3.5F	16:49	20:01
<u>Wed 14 Sep</u>		01:06	2.1F	03:50	07:22
		13:47	3.8F	17:28	20:33
<u>Thu 15 Sep</u>		01:58	2.7F	04:48	08:13
		14:32	4.1F	18:03	21:03
<u>Fri 16 Sep</u>	00:10	02:46	3.3F	05:43	08:59
		15:15	4.3F	18:36	21:36



# TACOMA NARROWS CURRENTS

## September 2016

(cont.)

Flood Direction (+): 120° Magnetic

Ebb Direction (-): 315° Magnetic

	Turn		Max	Turn		Max	Turn
	Time Zone is PDT			Units are knots			
<u>Sat 17 Sep</u>	00:49	03:33	3.8F	06:35	09:45	-3.9E	13:07
		15:57	4.4F	19:09	22:11	-3.8E	
<u>Sun 18 Sep</u>	01:29	04:19	4.3F	07:28	10:31	-3.9E	13:52
		16:40	4.3F	19:43	22:49	-4.1E	
<u>Mon 19 Sep</u>	02:11	05:07	4.7F	08:22	11:18	-3.7E	14:38
		17:24	4.0F	20:18	23:30	-4.3E	
<u>Tue 20 Sep</u>	02:57	05:56	4.8F	09:17	12:07	-3.4E	15:26
		18:09	3.6F	20:57			
<u>Wed 21 Sep</u>		00:13	-4.3E	03:45	06:47	4.7F	10:17
		13:01	-2.9E	16:19	18:58	3.2F	21:39
<u>Thu 22 Sep</u>		01:02	-4.1E	04:39	07:42	4.5F	11:21
		14:02	-2.4E	17:19	19:50	2.7F	22:27
<u>Fri 23 Sep</u>		01:57	-3.7E	05:40	08:41	4.2F	12:32
		15:18	-2.0E	18:26	20:49	2.2F	23:25
<u>Sat 24 Sep</u>		03:01	-3.4E	06:45	09:46	3.9F	13:46
		16:54	-1.9E	19:39	21:54	2.0F	
<u>Sun 25 Sep</u>	00:35	04:20	-3.0E	07:53	10:54	3.6F	14:56
		18:15	-2.1E	20:49	23:05	1.9F	
<u>Mon 26 Sep</u>	01:55	05:51	-3.0E	08:59	12:01	3.6F	15:56
		19:17	-2.4E	21:51			
<u>Tue 27 Sep</u>		00:15	2.1F	03:14	07:07	-3.1E	09:59
		13:02	3.6F	16:46	20:08	-2.8E	22:45
<u>Wed 28 Sep</u>		01:18	2.5F	04:22	08:06	-3.2E	10:54
		13:53	3.6F	17:27	20:51	-3.1E	23:31
<u>Thu 29 Sep</u>		02:10	2.9F	05:20	08:55	-3.3E	11:43
		14:36	3.6F	18:03	21:27	-3.2E	
<u>Fri 30 Sep</u>	00:13	02:55	3.2F	06:10	09:37	-3.3E	12:27
		15:14	3.6F	18:34	21:58	-3.3	

Source:

[www.dairiki.org/tides/monthly.php/nar/2016/2016-09](http://www.dairiki.org/tides/monthly.php/nar/2016/2016-09)