

USCG Thirteenth District  
Waterways Analysis and Management System Questionnaire

Waterway: **Willapa Bay**

**Introduction:** The United States Coast Guard is conducting a user survey for Willapa Bay to validate the adequacy of existing aids to navigation system and to gain a better understanding of the uses of the waterway and general safety issues. The information collected from this survey will be used to see what may be done to enhance safe navigation of the waterway and to anticipate and plan our budgeting processes.

Included Waterway areas:

Willapa Bay Entrance	Willapa River	South Willapa Bay	Nahcotta Channel
Stanley Channel	Bay Center Channel		

**Instructions:** Please complete this survey and return to Commander, Thirteenth Coast Guard District (dpw), Attn: LT Chad Coppin, 915 Second Ave., Seattle, WA 98174. The survey can also be scanned/e-mailed to [d13-pf-d13dpw@uscg.mil](mailto:d13-pf-d13dpw@uscg.mil). Comment period for this study ends on February 1, 2019.

A blank copy of this survey is available on the Coast Guard District 13 WAMS website  
<https://www.pacificarea.uscg.mil/Our-Organization/District-13/District-Divisions/-dpw/-wams/>.

*1. Mariner Profile: If you operate more than one vessel, provide information for the vessel you operate for the majority of your transits. You may also submit separate surveys for other vessels you operate if you use the waterway differently.*

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

State, ZIP: \_\_\_\_\_

Phone No.: (\_\_\_\_) \_\_\_\_\_

E-mail address: \_\_\_\_\_

Vessel Name: \_\_\_\_\_

Vessel Type: \_\_\_\_\_

Vessel Length: \_\_\_\_\_

Vessel Beam: \_\_\_\_\_

Vessel Draft: \_\_\_\_\_

Vessel Tonnage: \_\_\_\_\_

Purpose of Transits: \_\_\_\_\_

High Tide

Low Tide

In Ice

Restricted Visibility

Are there any special conditions for timing your transit (e.g. only transit during high tide)?

\_\_\_\_\_

\_\_\_\_\_

Navigational equipment most used while transiting this waterway:

Paper Chart

RADAR

Electronic Chart Plotter

Seaman's Eye

Fathometer

Spot Light

Magnetic Compass

Gyro Compass

Other \_\_\_\_\_

**Transit Information:**

\_\_\_ Daily \_\_\_ Weekly \_\_\_ Monthly

\_\_\_ Daytime \_\_\_ Nighttime \_\_\_ Annually

Winter Spring Summer Fall

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Publications most used while transiting this waterway:

\_\_\_ Coast Pilot    \_\_\_ Local Notice to Mariners    \_\_\_ Other (please specify) \_\_\_\_\_

*2. General Questions:*

a. How many years have you sailed in this waterway?

\_\_\_\_\_

b. In general, have you had any problems safely navigating this waterway?    Yes    No

If yes, why?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

c. Are there any special regulations (i.e. bridge operations, Captain of the Port Orders, Regulated Navigation Area Closures) on this waterway that affect you?    Yes    No

If yes, please explain the impact (Positive or Negative)?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

*3. What is your ideal method for obtaining marine information (web based Local Notice to Mariners, Radio Broadcasts, AIS, Twitter, etc)?*

\_\_\_\_\_

\_\_\_\_\_

*4. In your opinion, are changes to aids in this navigation system needed to enhance marine safety (number of aids, range of visibility, light characteristics, location of aids, need for radar reflectors/lighting, etc)? If so, what do you recommend and why?*

\_\_\_\_\_

\_\_\_\_\_

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5. *Do you feel that the current charts are accurate (including depth information)? Are all necessary items charted?*

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6. *Additional User Comments:*

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7. *Aids to Navigation Usage: Please rate the following aids to navigation: Use it or Don't use it and any comments associated with the aid.*

LLNR	AID NAME	USE	DON' T USE	COMMENTS
WILLAPA BAY				
15186	Willapa Bay Entrance Lighted Buoy C			
15187	Willapa Bay Entrance Buoy D			
15205	Willapa Bay Entrance Light 11			
15210	Willapa Bay Entrance Light 13 (Destroyed)			Destroyed due to eroding sand bar
15215	Willapa Bay Channel Light 15			
15220	Willapa Bay Channel Light 16			
15225	Cedar River Flats Daybeacon 2			

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LLNR	AID NAME	USE	DON' T USE	COMMENTS
15230	Toke Point Jetty Light 3			
15235	Toke Point Basin Daybeacon 4			
<b>WILLAPA RIVER</b>				
15240	Willapa River Light 1			
15250	Willapa River Daybeacon 2			
15260	Willapa River Light 7			
15265	Willapa River Light 8			
15270	Willapa River Light 10			
15275	Willapa River Light 13			
15280	Willapa River Range B Front Light			
15285	Willapa River Range B Rear Light			
15290	Willapa River Daybeacon 15			
15295	Willapa River Light 19			
15305	Willapa River Light 24			
15310	Willapa River Daybeacon 26			
15315	Willapa River Daybeacon 28			
15320	Willapa River Light 29			
15325	Willapa River Daybeacon 30			
15330	Willapa River Light 33			
15335	Willapa River Light 35			
15340	Willapa River Light 39			

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LLNR	AID NAME	USE	DON' T USE	COMMENTS
15345	Willapa River Light 40			
15360	Willapa River Daybeacon 44			
15365	Willapa River Light 51			
15375	Willapa River Light 55			
15380	Willapa River Light 56			
15385	Willapa River Light 59			
<b>SOUTH WILLAPA BAY</b>				
15400	South Willapa Bay Light 3			
15410	South Willapa Bay Light 7			
15415	South Willapa Bay Daybeacon 8			
<b>NAHCOTTA CHANNEL</b>				
15420	Nahcotta Channel Light 10			
15425	Nahcotta Channel Daybeacon 11			
15430	Nahcotta Channel Daybeacon 12			
15435	Long Island Junction Light			
15440	Nahcotta Channel Daybeacon 13			
15445	Nahcotta Mooring Basin Light 2			
15450	Nahcotta Mooring Basin Light 1			
<b>STANLEY CHANNEL</b>				
15475	Stanley Channel Daybeacon 2			
15480	Stanley Channel Light 4			

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LLNR	AID NAME	USE	DON' T USE	COMMENTS
15485	Stanley Point Junction Daybeacon			
15490	Nemah River Channel Entrance Daybeacon 1			
<b>BAY CENTER CHANNEL</b>				
15495	Bay Center Channel Light 1			
15500	Bay Center Channel Light 6			
15515	Bay Center Channel Light 11			
15525	Bay Center Channel Palix River Light 15			