

USCG Thirteenth District
Waterways Analysis and Management System Questionnaire

Waterway: Columbia River Entrance

Introduction: The United States Coast Guard is conducting a user survey for the Columbia River Entrance area 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: *Entrance to Desdemona Sands to the Lewis & Clark River to include:*

Cape Disappointment
Chinook Channel
Youngs Bay

Baker Bay
Skipanon Channel
Lewis and Clark River

Instructions: Please complete this survey and return to Commander, Thirteenth Coast Guard District (dpw), Attn: LTJG Katie Matha, 915 Second Ave., Seattle, WA 98174. The survey can also be scanned/e-mailed to D13-SMB-D13-DPW@USCG.MIL Comment period for this study ends on June 30, 2021. A blank copy of this survey is available on the Coast Guard District 13 WAMS website <http://www.pacificarea.uscg.mil/Our-Organization/District-13/District-Staff/-dpw/-wams>

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: _____

Phone No.: (____) _____

E-mail address: _____

Vessel Name: _____

Vessel Type: _____

Vessel Length: _____

Vessel Beam: _____

Vessel Draft: _____

Purpose of Transits: _____

Transit Information:

___ Daily ___ Weekly ___ Monthly

___ Daytime ___ Nighttime ___ Annually

___ Winter ___ Spring

___ Summer ___ Fall

___ High Tide ___ Low Tide

___ In Ice ___ Restricted Visibility

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

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

Do you use Pilots? Y/N _____

Navigational equipment most used:

___ Paper Chart ___ RADAR

___ Electronic Plotter/Charts

___ Seaman's Eye ___ Fathometer

___ Spot Light ___ Mag Compass

___ Gyro Compass

___ Other (please specify) _____

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General Questions:

How many years have you sailed in this waterway?

In general, have you had any problems safely navigating this waterway? Yes/No _____

If yes, why?

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)?

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

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

Does weather ever cause a problem to navigation, if so where and explain?

Are tides or currents ever a problem, if so where and explain?

When transiting, how much vessel traffic do you normally encounter?

What Aids to Navigations do you feel are the most useful or the least useful? (Buoys, Lights, Daybeacons)

What do you feel is the most difficult or dangerous part of the waterway and why?

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Do you know of any specific danger/safety problems/issues? (shoals, hazards to navigation, collisions)

Do you anchor or moor within any of the area of this questionnaire? If yes which ones?

What are your recommendations for improvements, adjustments or changes?

Additional User Comments:



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LLNR	NAME	USE	DON'T USE	Comments
Columbia River				
9890	Cape Disappointment Light			
9895	ENTRANCE RANGE FRONT LIGHT			
9900	ENTRANCE RANGE REAR LIGHT			
9905	Entrance Lighted Bell Buoy 1			
9910	Entrance Lighted Whistle Buoy 2			
9911	Entrance Lighted Buoy 3			
9915	Clatsop Spit Lighted Whistle Buoy 4			
9920	South Jetty Bell Buoy 2SJ			
9925	Clatsop Spit Lighted Whistle Buoy 6			
9930	Peacock Spit Lighted Buoy 7			
9935	Clatsop Spit Lighted Whistle Buoy 8			
9940	North Jetty Lighted Bell Buoy 9			
9945	SAND ISLAND RANGE FRONT LIGHT			
9950	SAND ISLAND RANGE REAR LIGHT			
9955	Clatsop Spit Lighted Whistle Buoy 10			
9960	Peacock Spit Lighted Bell Buoy 11			
9965	Clatsop Spit Lighted Whistle Buoy 12			
9970	Clatsop Spit Lighted Whistle 14			
Desdemona Sands				
9980	Channel Lighted Bell Buoy 20			
9985	Channel Lighted Bell Buoy 21			
9990	Channel Lighted Buoy 22			

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Desdemona Sands				
9995	LIGHT			
10000	Channel Lighted Buoy 25			
10005	FORT STEVENS WHARF LIGHT 26			
10010	Lighted Buoy 27			
10015	<i>Lighted Buoy 29</i>			
10020	<i>Desdemona Lower Sands Lighted Gong Buoy 31</i>			
Tansy Point				
10025	RANGE FRONT LIGHT			
10035	RANGE REAR LIGHT			
10040	<i>Range Lighted Buoy 33</i>			
10045	Range Buoy 35A			
Astoria				
10075	WEST BASIN LIGHT 1			
10080	WEST BASIN LIGHT 2			
10083	WEST BASIN LIGHT 3			
10084	WEST BASIN BREAKWATER LIGHT			
10090	Tansy Point Range Buoy 35B			
10095	LIGHT 36			
10100	<i>Crossing Lighted Buoy 37</i>			
10105	LOWER RANGE FRONT LIGHT			
10110	LOWER RANGE REAR LIGHT			
10115	<i>Range Lighted Buoy 39</i>			

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LLNR	NAME	USE	DON'T USE	Comments
Baker Bay West Channel				
14415	ENTRANCE JETTY LIGHT 1			
14420	ENTRANCE JETTY LIGHT			
14425	Buoy 3			
14430	Daybeacon 6			
14432	Buoy 6A			
14435	Daybeacon 7			
14440	LIGHT 8			
14445	Daybeacon 9			
14450	Daybeacon A			
14452	Lighted Buoy 10			
14455	Shoal Daybeacon			
14457	Lighted Buoy 11			
14460	LIGHT 12			
14462	Buoy 14			
14465	Daybeacon B			
14470	LIGHT 15			
14475	Daybeacon 16			
14480	LIGHT 17			
14485	Daybeacon 18			
14490	LIGHT 20			
14495	Daybeacon 21			
14500	LIGHT 22			
14505	LIGHT 23			
14510	ILWACO MOORING BASIN LIGHT 2			
14515	ILWACO MOORING BASIN LIGHT 3			

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LLNR	NAME	USE	DON'T USE	Comments
Chinook Channel				
14520	LIGHT 1			
14525	LIGHT 2			
14527	Buoy 3			
14528	Buoy 4			
14530	LIGHT 5			
14535	LIGHT 6			
Hammond Boat Basin				
14540	West Breakwater Daybeacon 2			
14545	EAST BREAKWATER LIGHT 1			
Skipanon Waterway				
14550	WEST LIGHT 4			
14555	EAST LIGHT 3			
14560	RANGE FRONT LIGHT			
14565	RANGE REAR LIGHT			
Youngs Bay				
14570	ENTRANCE LIGHT 2			
14575	Buoy 4			
14580	LIGHT 6			
Lewis and Clark River				
14585	Daybeacon 2			
14590	Daybeacon 4			
14595	Buoy 5			
14605	Buoy 7			

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**Columbia River Entrance Waterways Analysis and Management Survey
Privacy Act Statement**

Authority: 14 U.S.C. § 93, Commandant; general powers; 33 U.S.C. §§ 1223 and 1228; 46 U.S.C. § 3717

Purpose: To collect data that will be used to analyze the waterways safety and risk, effectiveness and efficiency. In order to assist with maintaining confidentiality, respondents are advised not to include any personally identifiable information not requested in their responses.

Routine Uses: This survey solicits information that the Coast Guard will use to improve maritime efficiency, navigational safety of the waterway, and focus on the area's aids to navigation system, waterborne commerce, port/harbor resources, routine and emergency communication capabilities and future development projects. DHS/USCG-013, Marine Information for Safety and Law Enforcement (MISLE), June 25, 2009, 74 FR 30305 provides coverage for this collection.

Disclosure: Furnishing this information is strictly voluntary.