



# WASHINGTON

## VANCOUVER

### Mathews Point

### Belle Vue Point

### Kelley Point

### Hayden Island

# OREGON

### Sauvie Island

Willamette River

Oregon Slough

**NOTES:**  
Horizontal Coordinate System:  
North American Datum of 1983 (NAD83), projected to the State Plane Coordinate System (SPCS), Oregon North Zone. Distance units in U.S. Survey Feet.

Vertical Datum:  
Soundings are shown in feet and indicate depths below Columbia River Datum. CRD is 5.14 feet above the North American Vertical Datum of 1988 (NAVD 88 Geoid 09) at Columbia River Mile 103.8.

River mileage conforms to the River Mile Index of the Hydrology and Hydraulics Committee, Pacific Northwest River Basins Commission, July 1972.

The information depicted on this map represents the results of a survey conducted on the date indicated and can only be considered to represent the general channel conditions existing at that time and is in support of channel maintenance only.

\*\*\* Shoaltest Sounding per Quarter per Reach

STAFF GAGE AT LIGHT 51: Northing: 727847 Easting: 7634242  
STAFF GAGE AT TERMINAL 6: Northing: 726556 Easting: 7629075  
STAFF GAGE AT KELLY POINT: Northing: 732276 Easting: 7623533  
STAFF GAGE AT VANALCO: Northing: 729654 Easting: 7630361

CONDITION  PREDREDGE  POSTDREDGE

**LEGEND**

	Federal Navigation Channel		Buoy, Lateral		Benchmark
	Federal Navigation Channel Centerline		Buoy, Cardinal		Pylon Bridge Support
	Pipeline, Submarine On Land Line		Buoy, Isolated Danger		Obstruction
	Cable, Overhead		Buoy, Safe Water		Wreck-Submerged
	Cable, Submarine		Buoy, Special Purpose		Staff Gage
	Pipeline, Overhead		Beacon, General		Steel King Pile
	Anchorage Area		Shoaltest Sounding**		
	Dredged Material Placement Area				
	Cable Area				
	Pipeline Area				
	Shoaling Area				

COLUMBIA AND LOWER WILLAMETTE RIVERS  
BELOW VANCOUVER, WASH. AND PORTLAND, OREG.

## COLUMBIA RIVER

### LOWER VANCOUVER BAR

08 January 2025

SCALE IN FEET  
0 500 1,000 1,500 2,000 2,500

SUBMITTED: \_\_\_\_\_ APPROVED: \_\_\_\_\_  
RECOMMENDED: \_\_\_\_\_ CHIEF, WATERWAYS MAINTENANCE SECTION  
CHIEF, SURVEY SECTION \_\_\_\_\_ SURVEYED: \_\_\_\_\_ PLOTTED: \_\_\_\_\_ CHECKED: \_\_\_\_\_

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**THE EXISTING PROJECT**  
The existing project provides for a channel 43 feet deep and 900 feet wide from river mile 101.4 at the mouth of the Willamette River to river mile 104.6 at the lower Vancouver turning basin.

Also provides for a channel 43 feet deep and 400 feet wide from the Columbia River to Oregon Slough mile 1.5 with a triangular turning basin about 3,000 feet long, an average width of 1,000 feet and 43 feet deep. Thence a channel 20 feet deep and 200 feet wide to Oregon Slough mile 3.8.

Also provides for an anchorage area 43 feet deep, 2,000 feet long and 370-550 feet wide, with a stern anchor buoy, between river miles 102+36.5 and 103+03.5 on the Oregon side of the river, and an anchorage area 25 feet deep, 2,000 feet long and 10-550 feet wide, with a stern anchor buoy, between river miles 103+31 and 103+51 on the Oregon side of the river.

