



7,309,000

7,304,000

7,310,000

7,306,000

968,000

976,000

LEGEND

- Federal Navigation Channel
- Federal Navigation Channel Centerline
- Pipeline, Submarine On Land Line
- Cable, Overhead
- Cable, Submarine
- Pipeline, Overhead
- Anchorage Area
- Dredged Material Placement Area
- Cable Area
- Pipeline Area
- Shooting Area
- Buoy, Lateral
- Buoy, Cardinal
- Buoy, Isolated Danger
- Buoy, Safe Water
- Buoy, Special Purpose
- Beacon, General
- Contour Lines
- Benchmark
- Pylon Bridge Support
- Rock
- Obstruction Point
- Wreck-Submerged
- Staff Gage
- Recording Gage
- Shoalest Sounding**

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WASHINGTON

Cape Disappointment

OREGON Island

Desdemona Sands Channel Leading Light

Jetty A

BETTY_M
BETTY_M_RM 2
BOAT_HUB

Columbia River Entrance Range Rear Light

STAFF GAGE

Baker Bay West Channel Buoy 14

Baker Bay West Channel Light 12

Baker Bay West Channel Light 15

Daybeacon 11

Beacon 9

Baker Bay West Channel Buoy 10

Baker Bay West Channel Buoy 3

Baker Bay West Channel Daybeacon 6

Baker Bay West Channel Buoy 6A

Beacon 7

Beacon 8

THE EXISTING PROJECT

The existing project provides for a channel 16 feet deep and 200 feet wide from deep water in the Columbia River to mile 0.5 in the bay, thence a channel 16 feet deep and 150 feet wide to a mooring basin 16 feet deep, 1,200 feet long and 650 feet wide at Ilwaco.

NOTES:

Horizontal Coordinate System:
North American Datum of 1983 (NAD83-2011), 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 Mean Lower Low Water. MLLW is 0.60 feet below the North American Vertical Datum (NAVD 88 Geoid 09) at Columbia River Mile 2.6.

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.

** Shoalest Sounding per Quarter per Reach

STAFF GAGE U.S.C.G. BOAT DOCK: Northing: 973042 Easting: 7305497

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

WEST CHANNEL

ENTRANCE TO FORT CANBY

22 July 2025

SCALE IN FEET



SUBMITTED: _____ APPROVED: _____

RECOMMENDED: _____ CHIEF, WATERWAYS MAINTENANCE SECTION

CHIEF, SURVEY SECTION _____ SURVEYED: _____ PLOTTED: _____ CHECKED: _____

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