CORPS OF ENGINEERS

U.S. ARMY

WASHINGTON

OREGON

Carrolls Channel

Cottonwood Island

Kalama River

Prescott Beach

COTTONWOOD ISLAND (W-70.1) PLACEMENT AREA

HOWARD ISLAND (W-68.7) PLACEMENT AREA

HOWARD SUMP O-69.6 TRANSFER SITE

ANCHORAGE AREA

SUBMARINE CABLE CROSSING AREA

Cottonwood Island Upper Range Rear Light

Cottonwood Island Upper Range Front Light

Cottonwood Island Light 39

Cottonwood Island Dike Light 37

Cottonwood Island Light 41

Cottonwood Island Lower Range Rear Light

Cottonwood Island Light 35

Cottonwood Island Lower Range Front Light

Cottonwood Island Dike Light 33

Cottonwood Island Turn Lighted Buoy 36

Prescott Anchorage Lighted Buoy "P"

Kalama River Light 43

Coffin Rock Light

STAFF GAGE

1402-03

1402-04

1303-08

1303-06

X472

VICINITY MAP

WASHINGTON

OREGON

Pacific Ocean

Columbia River

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 Columbia River Datum. CRD is 2.95 feet above the North American Vertical Datum of 1988 (NAVD 88 Geoid 09) at Columbia River Mile 69.7, 3.08 feet above at River Mile 71.5, 3.20 feet above at River Mile 73.1.

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 AT LIGHT 35: Northing: 880372 Easting: 7594764
STAFF GAGE AT LIGHT 41: Northing: 879886 Easting: 7599031
STAFF GAGE AT LIGHT 43: Northing: 871784 Easting: 7599886

THE EXISTING PROJECT

The existing project provides for a channel 43 feet deep and 600 feet wide from deep water in the Columbia River Entrance at river mile 3.0 to river mile 101.4 at the Mouth of the Willamette River.

LEGEND

- Federal Navigation Channel
- Federal Navigation Channel Centerline
- Pipeline, Submarine On Land Line
- Cable, Overhead
- Cable, Submarine
- Pipeline, Overheac
- Anchorage Area
- Dredged Material Placement Area
- Cable Area
- Pipeline Area
- Shoaling 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**

2012 Aerial Photography data source: USDA, Service Center Agencies - Reference is Navigation Chart No. 18524

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

COLUMBIA RIVER

UPPER DOBELBOWER BAR

26 October 2026

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

SUBMITTED: APPROVED:

CHIEF, WATERWAYS MAINTENANCE SECTION

RECOMMENDED:

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

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