CORPS OF ENGINEERS

U.S. ARMY

7,585,000
900,000
7,590,000
7,595,000
895,000
7,600,000
890,000
885,000
7,580,000
N
E
S
W
WASHINGTON
LONGVIEW
Old Mouth
Cowlitz River
Carrolls Channel
Cottonwood Island
HOWARD ISLAND
(W-68.7)
PLACEMENT AREA
67
68
69
70
00
944
0422 H
Cowlitz River
Lighted Buoy 25
Cottonwood Island
Dike Light 29A
DIKE
68.35
DIKE
68.57
Cottonwood Island
Dike Light 31
DIKE
68.79
DIKE
69.01
Cottonwood Island
Dike Light 33
DIKE 69.25
Cottonwood Island
Lower Range
Front Light
Cottonwood Island
Lower Range
Rear Light
DIKE 69.51
Cottonwood Island
Light 35
STAFF
GAGE
DIKE 69.79
1402-04
DIKE
70.07
Cottonwood Island
Dike Light 37
DIKE 70.35
FLOW
WASHINGTON
OREGON
SUBMARINE CABLE
CROSSING AREA
Rainier Channel
50 53+25
Rainier Anchorage
Lighted Buoy "RR"
ANCHORAGE AREA
Rainier
Anchorage
Lighted Buoy "R"
52+50
STAFF
GAGE
Rainier
Dock
RAINIER 2
Shaver Trans
Mooring Barge Lt
RAINIER
RAMP
RAINIER
HOWARD SUMP O-69.6
TRANSFER SITE
Cottonwood Island
Turn Lighted Buoy 36
ANCHORAGE AREA
OREGON
Seattle
Metro Area
Tacoma
Olympia
Centralia
WASHINGTON
Pacific Ocean
Kelso
Saint
Helens
Vancouver
Columbia River
Portland
Metro Area
BONNEVILLE
DAM
THE DALLES
LOCK AND DAM
JOHN DAY
DAM
MCNARY
LOCK AND DAM
Richland
Pasco
Kennewick
Walla
Walla
Pendleton
Salem
Corvallis
OREGON
VICINITY MAP
LONGVIEW
HEIGHTS
WEST SIDE
HIGHWAY
WEST LONGVIEW
CLATSKANIE
RAINIER
PRESCOTT
KALAMA
WASHINGTON
OREGON
N
Miles
0
2.5
5
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
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

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; and also-

provides for a channel on the Washington side 8 feet deep, 150 feet wide and 4,500 feet long from deep water in the Columbia River at river mile 67.5 up the Old Mouth of the Cowlitz 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 2.78 feet above the North American Vertical Datum of 1988 (NAVD 88 Geoid 09) at Columbia River Mile 67.6, 2.95 feet above at River Mile 69.7.

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 RAINIER:	Northing: 892920	Easting: 7584890
STAFF GAGE AT LIGHT 35:	Northing: 888372	Easting: 7594764

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

COLUMBIA RIVER

LOWER DOBELBOWER BAR

28 January 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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