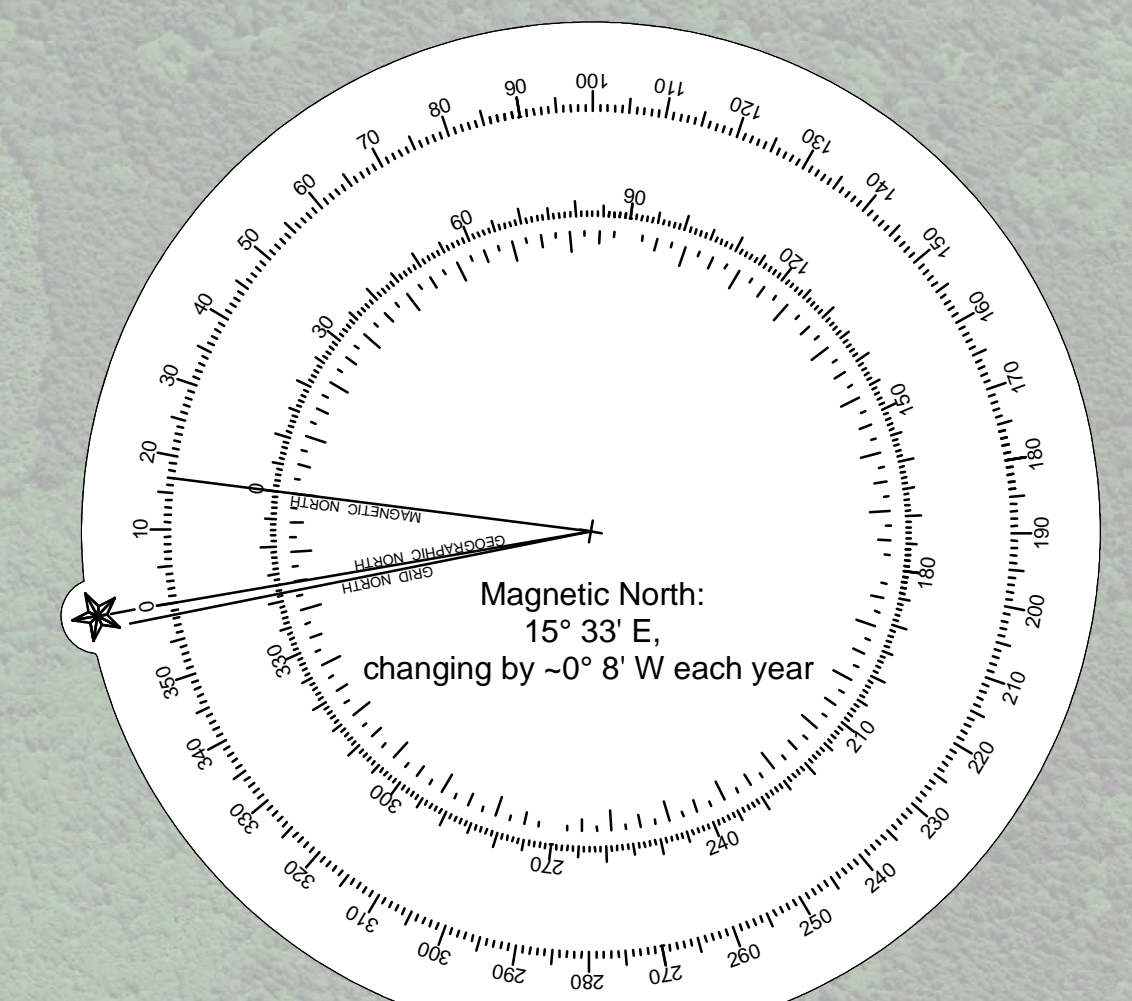


**THE EXISTING PROJECT**  
 The existing project provides for a channel 43 feet deep and 600 feet wide from deep water in the Columbia River Entrance at river mile 31.0 to river mile 101.4 at the Mouth of the Willamette River; also  
 provides for a channel on the Washington side 10 feet deep and 300 feet wide from deep water in the Columbia at river mile 37.4 up Cathlamet Channel to river mile 39.8 at Cathlamet.



**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 1.40 feet above the North American Vertical Datum of 1988 (NAVD 88 Goid 09) at Columbia River Mile 36.6, 1.45 feet above at River Mile 38.2, 1.45 feet above at River Mile 40.3.  
 River mileage conforms to the River Mile Index of the Hydrology and Hydraulics Committee, Pacific Northwest River Basin Commission, July 1972.  
 \*\* Shoaltest Existing per Quarter per Reach  
 STAFF GAGE AT LIGHT 39: Northing: 947859 Easting: 7462383  
 STAFF GAGE AT LIGHT 42: Northing: 93209 Easting: 7460010  
 STAFF GAGE AT LIGHT 49: Northing: 928182 Easting: 7462540  
 CONDITION  PREDREDGE  POSTDREDGE

**LEGEND**

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

**COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WASH. AND PORTLAND, OREG. COLUMBIA RIVER**  
 16 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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