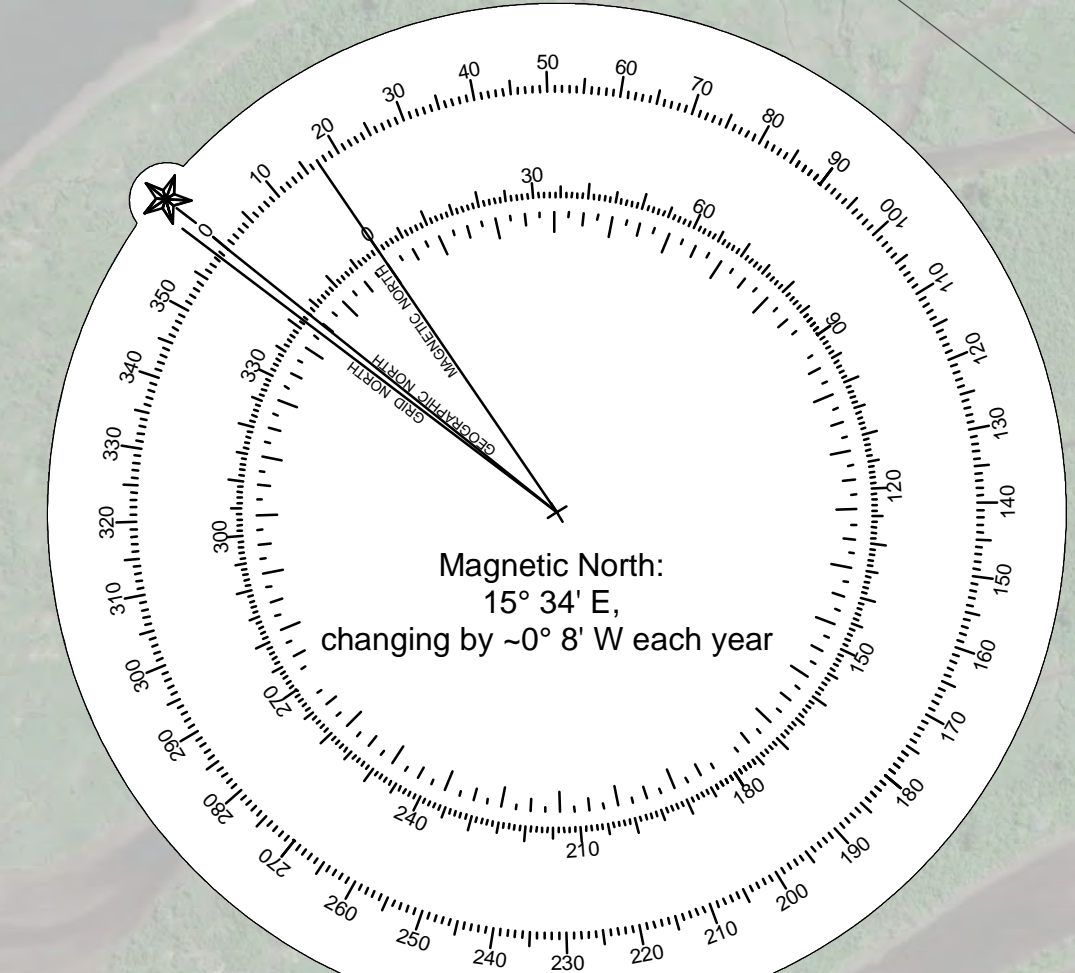
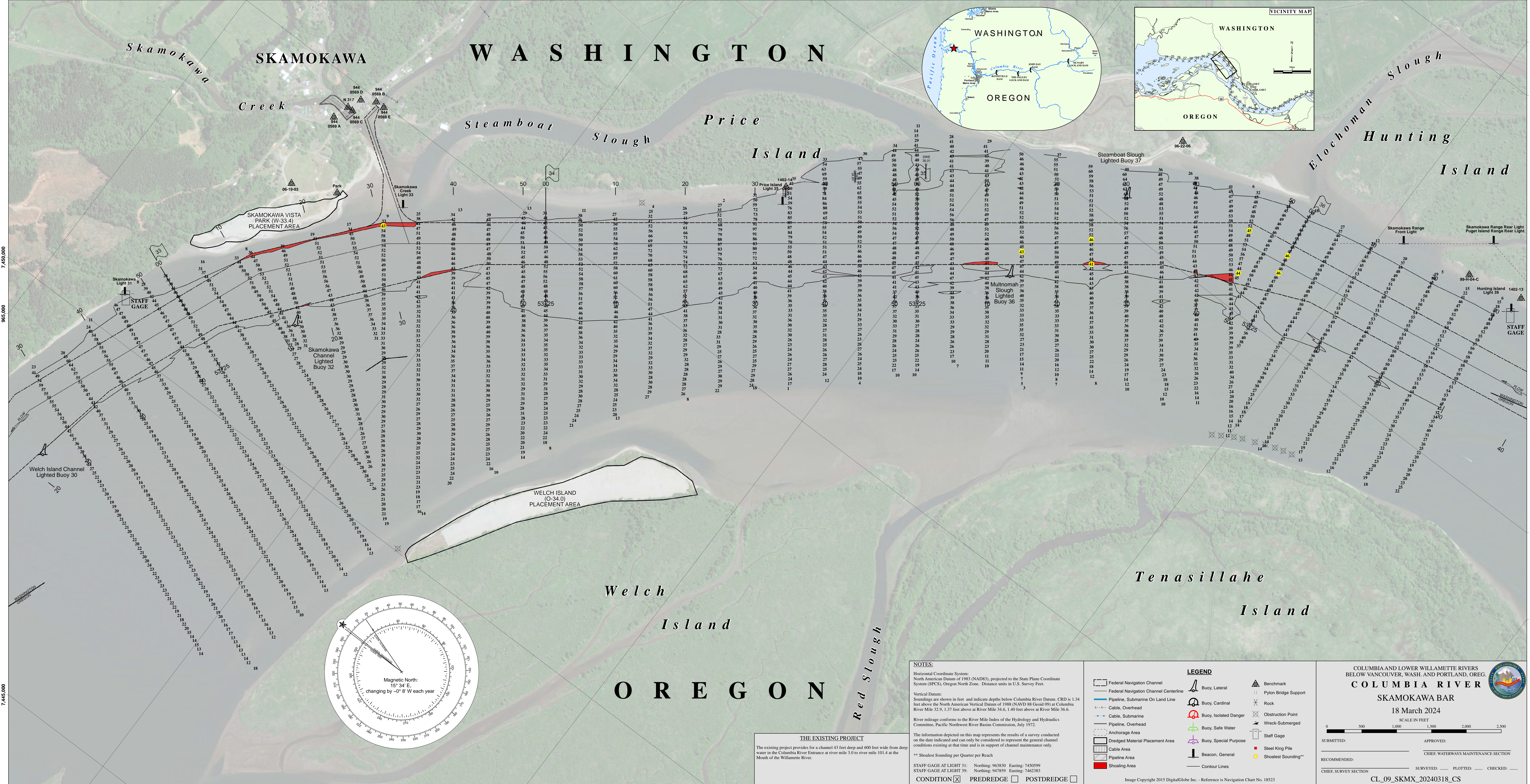


WASHINGTON

OREGON



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 1.34 feet above the North American Vertical Datum of 1988 (NAVD 88 Geoid 09) at Columbia River Mile 32.9, 1.37 feet above at River Mile 34.6, 1.40 feet above at River Mile 36.6.

River mileage conforms to the River Mile Index of the Hydrology and Hydraulics Committee, Pacific Northwest River Basin 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 31: Northing: 963830 Easting: 7450599
STAFF GAGE AT LIGHT 39: Northing: 947859 Easting: 7462383

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.

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		Rock
	Cable, Overhead		Buoy, Safe Water		Obstruction Point
	Cable, Submarine		Buoy, Special Purpose		Wreck-Submerged
	Pipeline, Overhead		Beacon, General		Staff Gage
	Dredged Material Placement Area		Steel King Pile		Shoalest Sounding**
	Cable Area		Contour Lines		
	Pipeline Area				
	Shoaling Area				

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

COLUMBIA RIVER

SKAMOKAWA BAR

18 March 2024

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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