



EMPIRE

NOTES:
 Horizontal Coordinate System:
 North American Datum of 1983 (NAD83), projected to the State Plane Coordinate System (SPCS), Oregon South Zone. Distance units in U.S. Survey Feet.
 Vertical Datum:
 Soundings are shown in feet and indicate depths below Mean Lower Low Water 1983-2001. MLLW is 0.58 feet below the North American Vertical Datum (NAVD 88) at North Spit Boat Ramp, 0.60 feet at Roseburg Lumber Dock.
 River mileage conforms to the River Mile Index of the Hydrology and Hydraulics Committee, Pacific Northwest River Basins Commission, June 1968.
 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 19: Northing: 660531 Easting: 3918251

LEGEND

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

THE EXISTING PROJECT
 The existing project provides for a channel across the outer bar 47 feet deep and of suitable width with dimensions gradually reducing to river mile 1.0 at Grano Rock; then a channel 37 feet deep and 300 feet wide to the railroad bridge at river mile 9.0; then a channel 37 feet deep and 400 feet wide to river mile 15.0 in Inbanus Slough.
 Also provides for a turning basin 37 feet deep, 900 feet wide and 1000 feet long at North Bend and Coalbank Slough.

COOS BAY, OREGON
JARVIS RANGES
 27 February 2024

SCALE IN FEET
 0 300 600 900 1,200 1,500

SUBMITTED: _____ APPROVED: _____
 RECOMMENDED: _____ CHIEF, WATERWAYS MAINTENANCE SECTION
 CHIEF SURVEY SECTION SURVEYED: _____ PLOTTED: _____ CHECKED: _____

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