

PACIFIC OCEAN

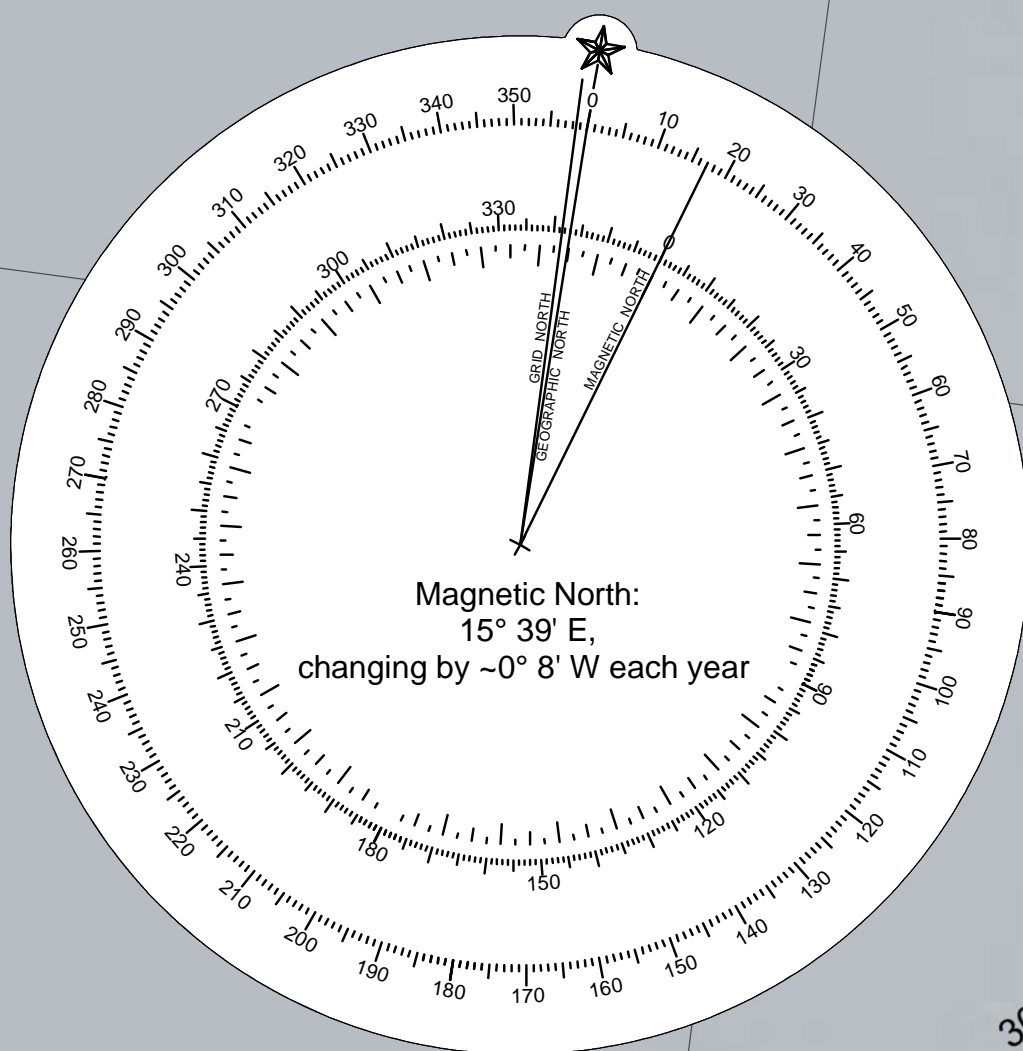
Peacock Spit

Sand Island

Baker Bay

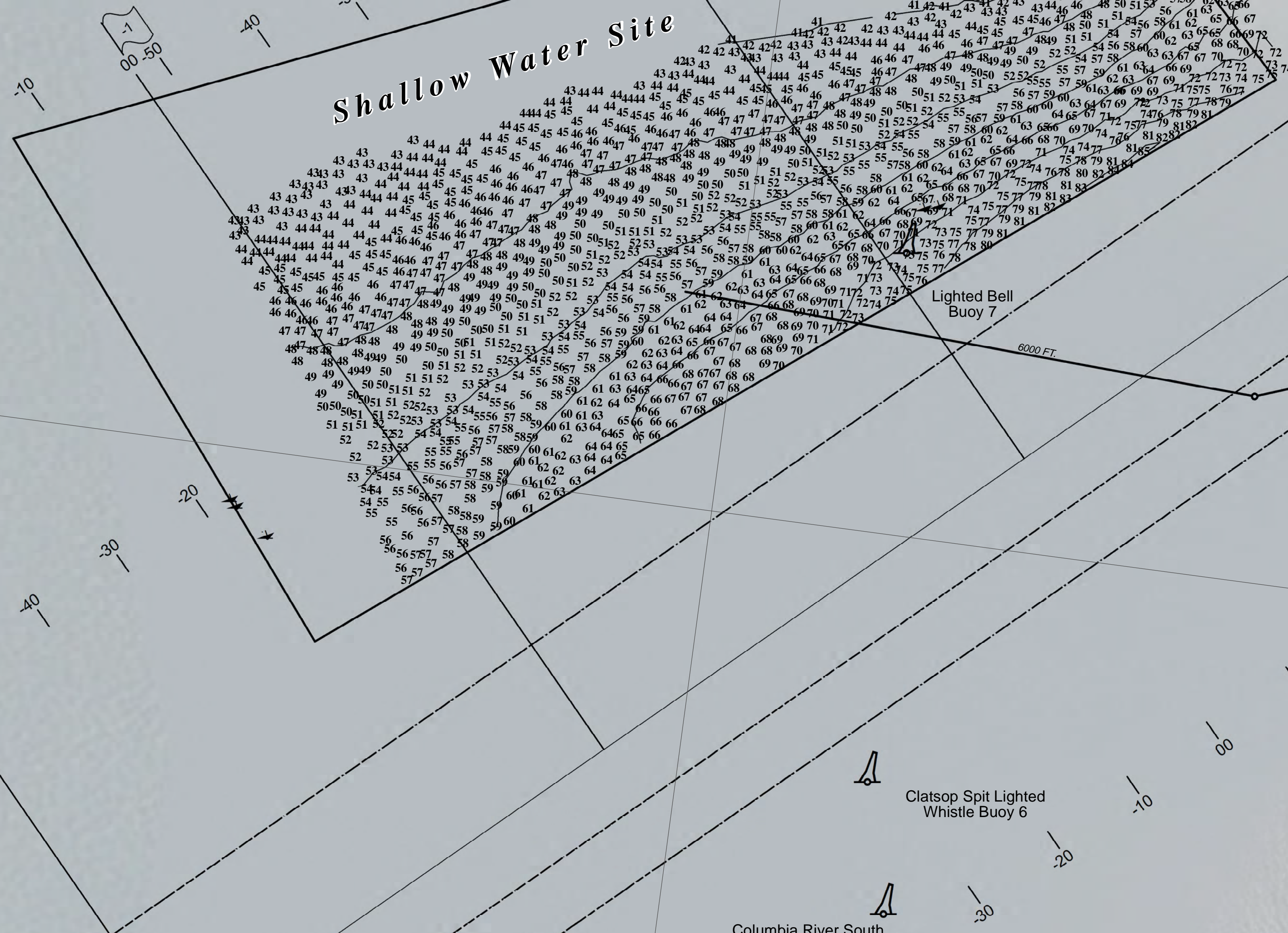
OREGON

Clatsop Spit



Shallow Water Site

North Jetty Site



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 |
| | Anchorage Area | | Contour Line | | Recording Gage |
| | Dredged Material Placement Area | | Shoaling Area | | Shoalest Sounding** |

2010 Aerial Photography data source: ESRI, USDA, NASA, i-cubed - Reference is Navigation Chart No. 18521

THE EXISTING PROJECT

The existing project provides for a channel 2,640 feet wide over the entrance bar. The northerly 2,000 feet to a depth of 55 feet and the southerly 640 feet to a depth of 48 feet.

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 Mean Lower Low Water. MLLW is 0.26 feet below the North American Vertical Datum (NAVD 88 Geoid 09) at Columbia River Mile 2.0.

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 HAMMOND: Northing: 943276 Easting: 7328236

CONDITION PREDREDGE POSTDREDGE

COLUMBIA AND LOWER WILLAMETTE RIVERS
BELOW VANCOUVER, WASH. AND PORTLAND, OREG.
COLUMBIA RIVER
MCR-NJ1 AND SWS DISPOSAL SITES
27 November 2024

SCALE IN FEET
0 1,000 2,000 3,000 4,000 5,000

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

CL_00_SWS_20241127_PA
7,320,000

970,000
960,000
950,000
940,000

7,280,000
7,290,000
7,300,000
7,310,000
7,320,000