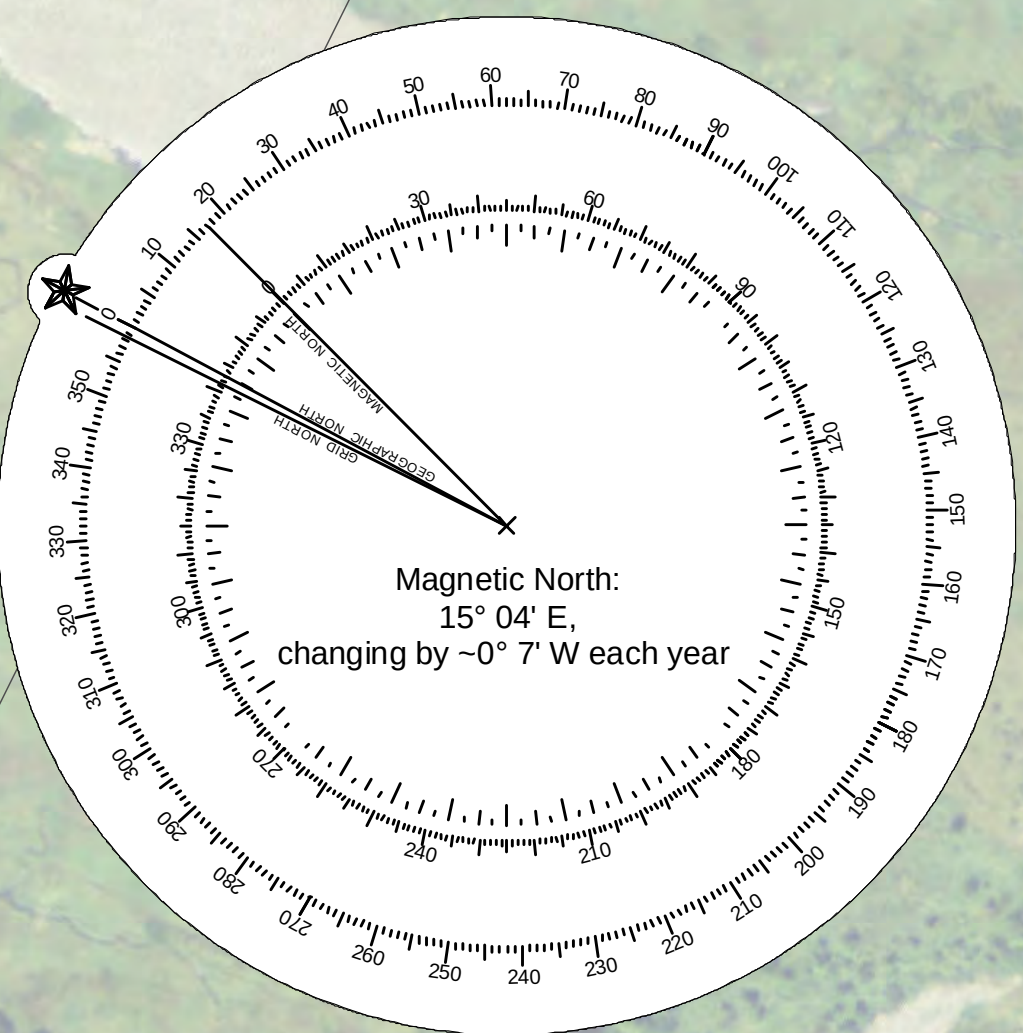
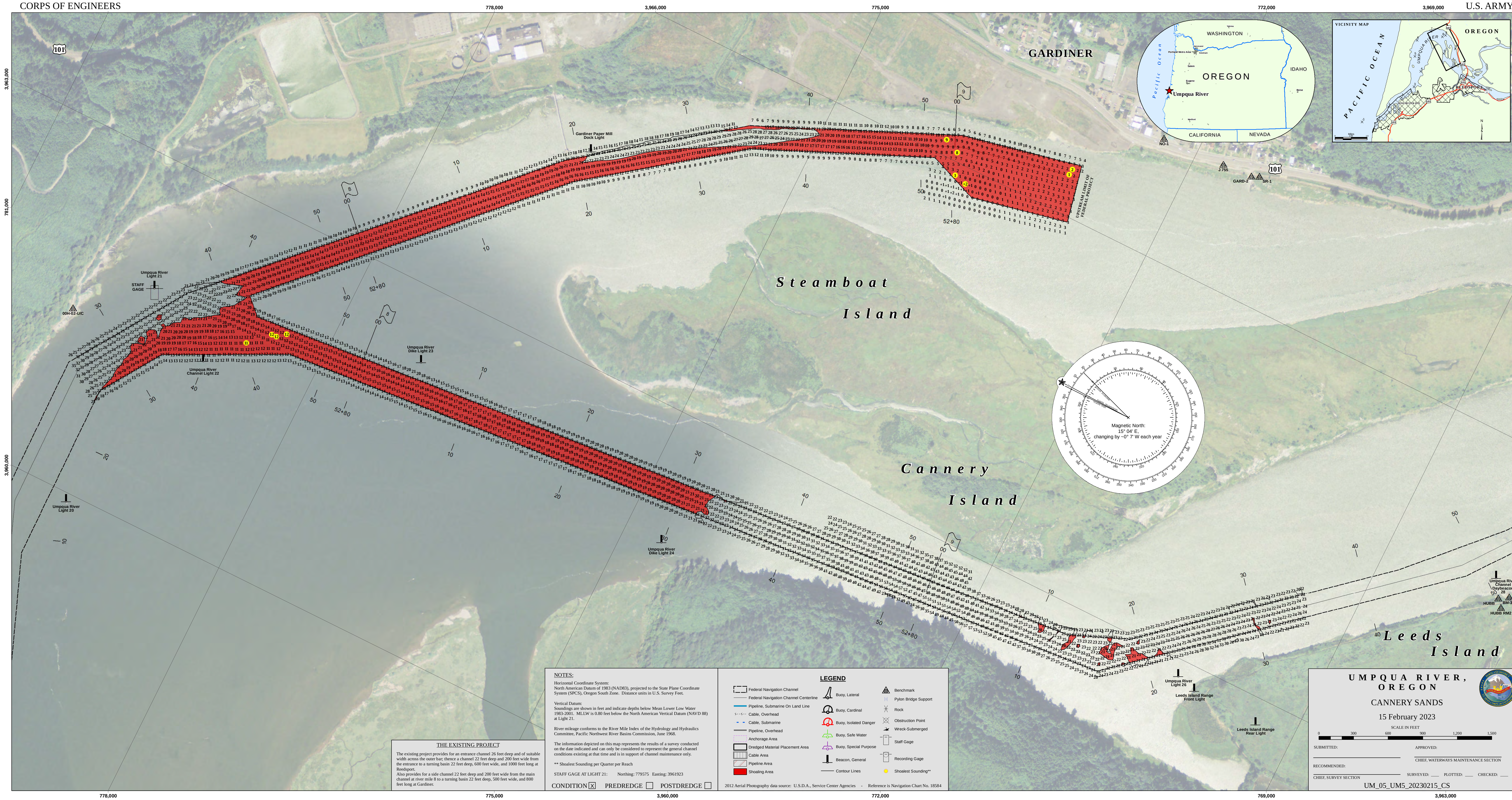




NOTES:
Horizontal Coordinate System:
North American Datum of 1983 (NAD83), projected to the State Plane Coordinate System (SPCS), Oregon South Zone. Distance units in U.S. Survey Feet.
Vertical Datum:
Soundings are shown in feet and indicate depths below Mean Lower Low Water 1983-2001. MLLW is 0.80 feet below the North American Vertical Datum (NAVD 88) at Light 21.
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.
** Shallowest Sounding per Quarter per Reach
STAFF GAGE AT LIGHT 21: Northing: 779575 Easting: 3961923

CONDITION ☒ PREDREDGE ☐ POSTDREDGE ☐

- LEGEND**
- Federal Navigation Channel
 - Federal Navigation Channel Centerline
 - Pipeline, Submarine On Land Line
 - Cable, Overhead
 - Cable, Submarine
 - Pipeline, Overhead
 - 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
 - Shoalest Sounding**
 - Benchmark
 - Pylon Bridge Support
 - Obstruction Point
 - Wreck-Submerged
 - Staff Gage
 - Recording Gage

2012 Aerial Photography data source: U.S.D.A., Service Center Agencies - Reference is Navigation Chart No. 18584

THE EXISTING PROJECT
The existing project provides for an entrance channel 26 feet deep and of suitable width across the outer bar; thence a channel 22 feet deep and 200 feet wide from the entrance to a turning basin 22 feet deep, 600 feet wide, and 1000 feet long at Reedport.
Also provides for a side channel 22 feet deep and 200 feet wide from the main channel at river mile 8 to a turning basin 22 feet deep, 500 feet wide, and 800 feet long at Gardiner.

UMPQUA RIVER, OREGON
CANNERY SANDS
15 February 2023
SCALE IN FEET
0 300 600 900 1,200 1,500
SUBMITTED: _____ APPROVED: _____
RECOMMENDED: _____ CHIEF, WATERWAYS MAINTENANCE SECTION
CHIEF, SURVEY SECTION SURVEYED: _____ PLOTTED: _____ CHECKED: _____
UM_05_UM5_20230215_CS
3,963,000