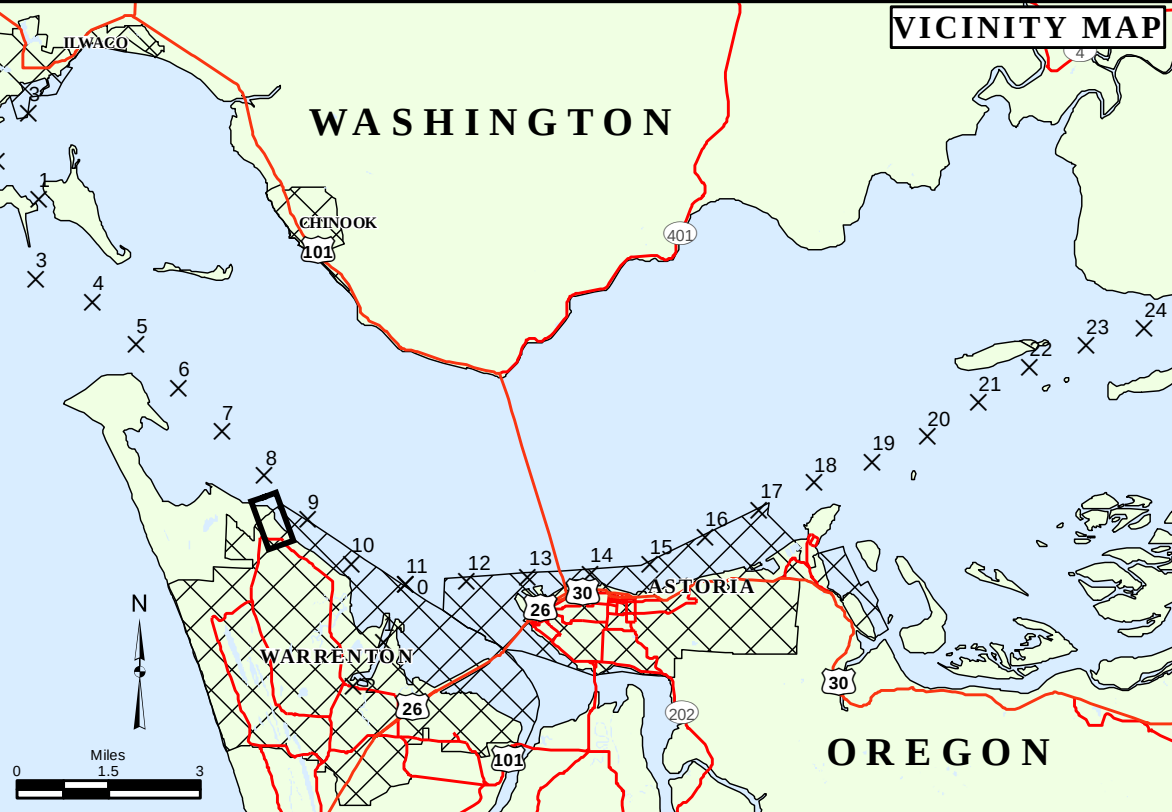
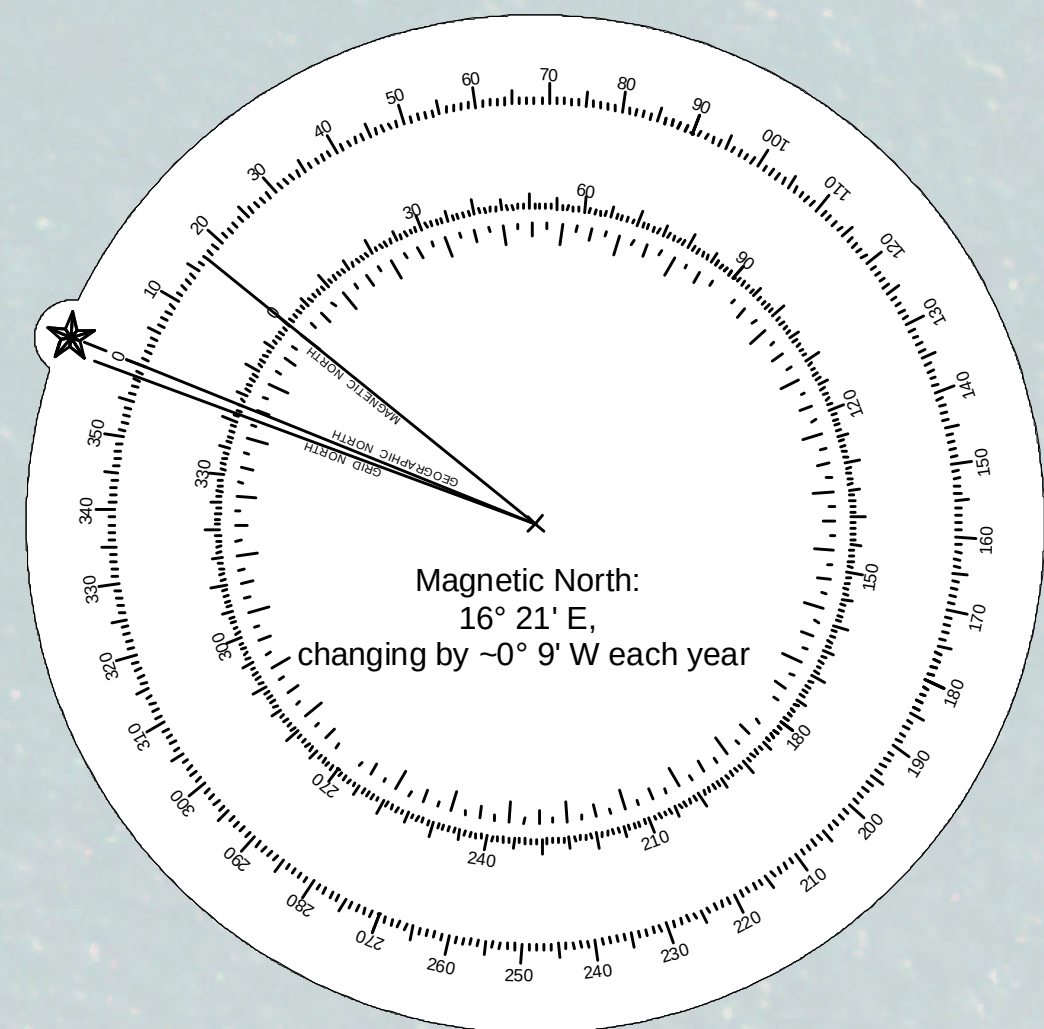




Fort Stevens Wharf
Light 26

STAFF
GAGE

SHRILL

SHRILL RM. 1

Hammond Boat
Basin West
Breakwater Daybeacon 2

Hammond Boat
Basin East
Breakwater Light 1

STAFF
GAGE

HAM-BAY

HAMMOND

O R E G O N

<u>LEGEND</u>			
	Federal Navigation Channel		Benchmark
	Federal Navigation Channel Centerline		Pylon Bridge Support
	Pipeline, Submarine On Land Line		Rock
	Cable, Overhead		Obstruction Point
	Cable, Submarine		Wreck-Submerged
	Pipeline, Overhead		Staff Gage
	Anchorage Area		Recording Gage
	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
			Contour Lines
			Shoalest Sounding**

2009 Aerial Photography data source: U.S.D.A., Service Center Agencies - Reference is Navigation Chart No. 18521

945,000

7,327,000

944,000

943,000

THE EXISTING PROJECT

The existing project provides for an entrance channel 100 feet wide and 10 feet deep extending from deep water to a point easterly of the existing moorage area, a distance of about 1,300 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 0.09 feet below the North American Vertical Datum (NAVD 88 Geoid 09) at Columbia River Mile 8.6.

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 condition existing at that time.

** Shoalest Sounding per Quarter per Reach

STAFF GAGE AT HAMMOND BOAT BASIN: Northing: 943276 Easting: 7328236
STAFF GAGE AT HAMMOND BOAT BASIN: Northing: 943410 Easting: 7328401

CONDITION ☒ PREDREDGE ☐ POSTDREDGE ☐

942,000

COLUMBIA RIVER AT THE MOUTH
OREGON AND WASHINGTON
COLUMBIA RIVER
HAMMOND BOAT BASIN
27 May 2014

0100200300400500

SCALE IN FEET

SUBMITTED: _____

APPROVED: _____

RECOMMENDED: _____

CHIEF, WATERWAYS MAINTENANCE SECTION

CHIEF, SURVEY SECTION

SURVEYED: _____ PLOTTED: _____ CHECKED: _____

CM_08_HMB_20140527

7,328,000