CORPS OF ENGINEERS

U.S. ARMY

651,000 648,000 645,000 642,000 639,000

3,939,000 3,936,000 3,933,000

Magnetic North:
15° 38' E,
changing by ~0° 8' W each year

WASHINGTON
OREGON
IDAHO
CALIFORNIA
NEVADA
Pacific Ocean
Portland Metro Area
Salem
Eugene
Medford
Coos Bay

VICINITY MAP
Miles
PACIFIC OCEAN
NORTH BEND
COOS BAY
BUNKER HILL
BARTVIEW
OREGON

Coos River

North Bend Upper Range Front Light
North Bend Upper Range Rear Light
Marshfield Range Rear Light
Marshfield Range Front Light
Ferndale Upper Range Rear Light
Ferndale Upper Range Front Light
SUBMERGED CABLE CROSSING AREA
Coos Bay Channel Light 37
EAST RAMP
Isthmus Slough Light 43
HYDROGRAPHIC
STAFF GAGE
BM 10
V 197
TRACK
HLT-10
N. END DOCK
S. END DOCK
PIERCE DOCK
HLT-12
HLT-12 RM 2
L 751
HLT-13
HLT-13 RM 2
HLT-14 RM 2
HLT-14 RM 1
MARSHFIELD HILL RM5 RESET
COOS BAY
NORTH BEND
BUNKER HILL

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 1.07 feet below the North American Vertical Datum (NAVD 88) at Coos Bay City, 1.11 feet at Coos Bay Corps 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 condition existing at that time.

** Shoalest Sounding per Quarter per Reach

COOS BAY CORPS DOCK: Northing: 646228 Easting: 3933553
STAFF GAGE AT COOS BAY: Northing: 641912 Easting: 3934634

CONDITION [X] PREDREDGE [ ] POSTDREDGE [ ]

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 Guano Rock; thence a channel 37 feet deep and 300 feet wide to the railroad bridge at river mile 9.0; thence a channel 37 feet deep and 400 feet wide to river mile 15.0 in Isthmus Slough.
Also provides for a turning basin 37 feet deep, 900 feet wide and 1000 feet long at North Bend and Coalbank Slough.

LEGEND

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

2012 Aerial Photography data source: USDA, Service Center Agencies - Reference is Navigation Chart No. 18587

COOS BAY, OREGON
FERNDALE & MARSHFIELD RANGES
07 September 2016

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

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

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