CORPS OF ENGINEERS

U.S. ARMY

790,000 7,625,000 780,000 775,000 7,630,000

7,620,000 790,000 7,615,000

785,000 7,615,000 775,000 770,000 7,620,000

7,630,000 770,000 7,625,000

W A S H I N G T O N

O R E G O N

Bachelor I. Slough

Bachelor Point

Sauvie Island

ANCHORAGE AREA

Magnetic North:
16° 04' E,
changing by ~0° 9' W each year

FW-14
1105-07
1105-06

STAFF GAGE

Bachelor Point Light 13

Bachelor Dike Light 13

47H-10-01

Fales Light 17

HAZEL

TRES

Henrici Landing Light 10

06-15-01
99H-04-O
DOS-RM1
DOS RM 2.00
HLD-00
5 2
5 2 RM 2

Henrici Crossing Light 12

DIKE 90.50
DIKE 90.86
DIKE 92.51
DIKE 91.99
DIKE 91.19
DIKE 92.73
DIKE 91.99
DIKE 92.00

WASHINGTON SHIP CHANNEL

FLOW

WASHINGTON OREGON

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 Columbia River Datum. CRD is 4.54 feet above the North American Vertical Datum of 1988 (NAVD 88 Geoid 09) at Columbia River Mile 91.6.

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 LIGHT 10 Northing: 789149 Easting: 7616404
STAFF GAGE AT LIGHT 13 Northing: 783035 Easting: 7621164

CONDITION [X] PREDREDGE [ ] POSTDREDGE [ ]

THE EXISTING PROJECT

The existing project provides for a channel 43 feet deep and 600 feet wide from deep water in the Columbia River Entrance at river mile 3.0 to river mile 101.4 at the Mouth of the Willamette River.

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. 18525

COLUMBIA AND LOWER WILLAMETTE RIVERS
BELOW VANCOUVER, WASH. AND PORTLAND, OREG.

C O L U M B I A R I V E R

HENRICI BAR

16 February 2016

SCALE IN FEET
0 500 1,000 1,500 2,000 2,500

SUBMITTED: APPROVED:

CHIEF, WATERWAYS MAINTENANCE SECTION

RECOMMENDED:

CHIEF, SURVEY SECTION SURVEYED: ____ PLOTTED: ____ CHECKED: ____

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