CORPS OF ENGINEERS

U.S. ARMY

7,790,000 7,795,000 7,800,000 7,805,000

715,000 710,000 705,000 700,000

WASHINGTON

Magnetic North:
15° 53' E,
changing by –0° 9' W each year

Franz Lake

Oneonta

Multnomah Falls Lighted Buoy 83

Multnomah Falls Buoy 17 83A

Multnomah Falls Drive Light 82

Multnomah Falls Drive Light 84

STAFF GAGE

Multnomah Falls Bar Range Front Light

1002-10

Multnomah Falls Bar Range Rear Light

1002-15

Skamania Light 85

STAFF GAGE

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 8.91 feet above the North American Vertical Datum of 1988 (NAVD 88 Geoid 09) at Columbia River Mile 136.6, 9.08 above at River Mile 139.6.

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 82: Northing: 702266 Easting: 7790724
STAFF GAGE AT LIGHT 85: Northing: 711232 Easting: 7803979

CONDITION [X] PREDREDGE [ ] POSTDREDGE [ ]

THE EXISTING PROJECT

Provides for a channel *27 feet deep and 300 feet wide from the Interstate Bridge at Columbia river mile 106.5 to the port terminal facilities at The Dalles at river mile 189.7.

*The 27 foot channel is presently maintained at 17 feet.

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. 18531

COLUMBIA RIVER BETWEEN VANCOUVER, WASH. AND THE DALLES, OREG.

COLUMBIA RIVER

MULTNOMAH FALLS UPPER RANGE

17 March 2015

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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