



UNITED STATES WEST COAST-WASHINGTON COLUMBIA RIVER PASCO TO RICHLAND

Mercator Projection
Scale 1:20,000 at Lat. 46°10'30"
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET
Soundings and elevations of bridges and overhead cables are referred to normal pool level, which is 240 feet above mean low tide.
For Symbols and Abbreviations see Chart No. 1

Additional information can be obtained at nauticalcharts.noaa.gov.

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1983 shall be considered an average of 0.317' southward and 4.046' eastward to agree with this chart.

COLUMBIA RIVER
Mileage distances along the Columbia River are Statute Miles. Distances along the Columbia River are eastward from the mouth and are indicated by a double line.
Tables for converting Statute Miles to International Nautical Miles are given in the U.S. Coast Pilot.

AUTHORITIES

Hydrography and topography: The National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

NOAA WEATHER RADIO BROADCASTS

The NOAA Weather Radio station listed below provides continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.
Pendleton, OR WOL-95 162.55 MHz

PLANE COORDINATE GRID

(Based on NAD 1983)
Washington State Grid, south zone, is indicated by dashed lines at 4000 foot intervals. The last 4 digits are omitted.

CAUTION

The prudent mariner will not rely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

CAUTION

Temporary changes or omissions in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

RICHAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual letter and number identification on these aids has been omitted from this chart.

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 7 for important supplemental information.

ABBREVIATIONS

For complete list of Symbols and Abbreviations, see Chart No. 1.

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center at 1-800-424-8802 (day/night), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (31 CFR 155).

CAUTION

SUBMARINE PIPELINES AND CABLES
Checked submarine pipelines and submarine cables and submarine pipelines and submarine cables are indicated by dashed lines.

Additional checked submarine pipelines and submarine cables may exist within the area of this chart. All of submarine pipelines and submarine cables are required to be marked and those that were originally marked may have become exposed. Mariners should use extreme caution when operating vessels in vicinity of these pipelines and cables. They may exist in areas where pipelines and cables may exist, and when anchoring, dredging, or trawling. Covered wells may be marked by lighted or unlighted buoys.

SOURCE DIAGRAM

The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been conducted in the diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on the diagram. Refer to Chapter 1, United States Coast Pilot.

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