



**UNITED STATES - WEST COAST**  
**OREGON - WASHINGTON**  
**COLUMBIA RIVER**  
**TO DESTRUCTION ISLAND**

Metricator Projection  
 Scale 1:180,789 at Lat 47° 00'

North American Datum of 1983  
 (World Geodetic System 1984)

**SOUNDINGS IN FATHOMS**  
 AT MEAN LOWER LOW WATER

(For offshore navigation only  
 Use larger scale charts outlined  
 in purple for inshore navigation.)

Additional information can be obtained at [nauticalcharts.noaa.gov](http://nauticalcharts.noaa.gov)

For Symbols and Abbreviations see Chart No. 1

**HEIGHTS**  
 Heights in feet above Mean High Water

**AUXILIARIES**  
 Hydrography and topography by the National Oceanic and Atmospheric Administration, with additional data from the Corps of Engineers and U.S. Coast Guard

**ABCS TO NAVIGATION**  
 Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

**NOTES**  
 Regulations for Ocean Dumping Sites are contained in 46 CFR, Parts 220-228. Additional information concerning the regulations and procedures for use of the sites may be obtained from the Environmental Protection Agency (EPA). Use of U.S. Coast Guard approved addresses of EPA is required. EPA addresses for the sites are listed in the U.S. Coast Guard Light List. The U.S. Coast Guard Light List may be updated without notice.

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**NOTES**  
 The 12-nautical mile Territorial Sea, established by Presidential Proclamation, some Federal laws apply. The Three-Nautical Mile Line, previously identified as the outer limit of the territorial sea, is retained as a reference to the jurisdictional limits of the United States. The Three-Nautical Mile Line does not extend to the outer limit of the Federal Fisheries Jurisdiction Zone or the 200-nautical mile Exclusive Economic Zone established by Presidential Proclamation. Lines laid by treaty or the U.S. Supreme Court. These maritime limits are subject to modification.

**CAUTION**  
 Temporary changes or delays in aids to navigation are indicated on this chart. See Local Notice to Mariners.

**NOTE D**  
**NATIONAL MARINE SANCTUARIES**  
 National Marine Sanctuaries are protected areas, administered by NOAA which insure abundant and diverse marine resources study and use of the sanctuaries, and fish and wildlife resources. These areas are particularly sensitive to environmental damage and require special care and protection. For more information on these areas, including their boundaries, and other resources, visit [www.nmfs.gov](http://www.nmfs.gov).

**NOTE E**  
 Navigation regulations are published in Chapter 2, U.S. Coast Guard Navigation Rules. The NOAA Weather Radio Station List, located in the back of this chart, provides continuous weather broadcasts before, during, and after severe weather events. The NOAA Weather Radio Station List is available on the NOAA website at [www.noaa.gov](http://www.noaa.gov). For more information on these stations, visit [www.noaa.gov](http://www.noaa.gov).

**NOTE F**  
 Aids to navigation, consisting of a concrete anchor and tapered instrument package floating above the anchor, are positioned approximately 1000 yards from the 1000-foot depth. The depth of the instrument varies with the instrument used. For more information on these aids, visit [www.noaa.gov](http://www.noaa.gov).

**NOTE G**  
 Willapa Bay entrance channel is subject to continual change. Mariners are frequently advised to mark east water at the time of sailing.