YAQUINA HEAD TO COLUMBIA RIVER

UNITED STATES - WEST COAST

OREGON - WASHINGTON

THE NATION'S CHARTMAKER SINCE 1807

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

Mercator Projection
Scale 1:185,238 at Lat. 45°40'
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.

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 1927 must be corrected an average of 0.617" southward and 4.476" westward to agree with this chart.

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

CAUTION

Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

WARNING

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

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

NOAA WEATHER RADIO BROADCASTS

The NOAA Weather Radio stations listed below provide 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.

Mt Hebo, OR	WNG-697	162.525 MHz
Astoria, OR	KEC-91	162.40 MHz
Nehalkehie, OR	WWF-94	162.425 MHz
Tillamook, OR	WWF-95	162.475 MHz
Eugene, OR	KEC-42	162.40 MHz
Newport, OR	KIH-33	162.55 MHz
Olympia, WA	WXM-62	162.475 MHz
Portland, OR	KIG-98	162.55 MHz
Salem, OR	WXL-96	162.475 MHz

CAUTION

SUBMARINE PIPELINES AND CABLES

Charted submarine pipelines and submarine cables and submarine pipeline and cable areas are shown as:

Pipeline Area — Cable Area

Additional uncharted submarine pipelines and submarine cables may exist within the area of this chart. Not all submarine pipelines and submarine cables are required to be buried, and those that were originally buried may have become exposed. Mariners should use extreme caution when operating vessels in depths of water comparable to their draft in areas where pipelines and cables may exist, and when anchoring, dragging, or trawling.

Covered wells may be marked by lighted or unlighted buoys.

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Consult the buoy reflector identification on these aids has been omitted from this chart.

CAUTION

Limitations on the use of radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Geospatial-Intelligence Agency Publication 117.

Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.

Station positions are shown thus:
⊙(Accurate location) ⊙(Approximate location)

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 7. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 13th Coast Guard District in Seattle, Washington, or at the Office of the District Engineer, Corps of Engineers in Portland, Oregon.

Refer to charted regulation section numbers.

HEIGHTS

Heights in feet above Mean High Water.

NOTE S

Regulations for Ocean Dumping Sites are contained in 40 CFR, Parts 220-228. Additional information concerning the regulations and requirements for use of the sites may be obtained from the Environmental Protection Agency (EPA).

See U.S. Coast Pilots appendix for addresses of EPA offices. Dumping subsequent to the survey dates may have reduced the depths shown.

For Symbols and Abbreviations see Chart No. 1

COLREGS: International Regulations for Preventing Collisions at Sea, 1972.
Demarcation lines are shown thus: — — — —

AUTHORITIES

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

CAUTION

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

NOTE L

Scientific equipment rests on the seafloor in this area. Mariners should use caution.

TIDAL INFORMATION

PLACE (LAT/LONG)	Height referred to datum of soundings (MLLW)		
	Mean Higher High Water	Mean High Water	Mean Low Water
	feet	feet	feet
Nestucca Bay entrance, Oregon (45°10'N/123°58.02'W)	7.6	6.9	1.1
Garibaldi, Tillamook, Oregon (oil) (45°33.5'N/123°54.72'W)	7.8	7.1	1.2
Columbia River Entr, (N. Jetty), Wash.(46°16.4'N/124°4.32'W)	7.5	6.8	1.2
Bar at entrance, Yaquina Bay, Oregon (44°37.N/124°4.96'W)	7.9	7.2	1.3

Dashes (- - -) located in datum columns indicate unavailable datum values for a tide station. Real-time water levels, tide predictions, and tidal current predictions are available on the Internet from http://tidesandcurrents.noaa.gov.

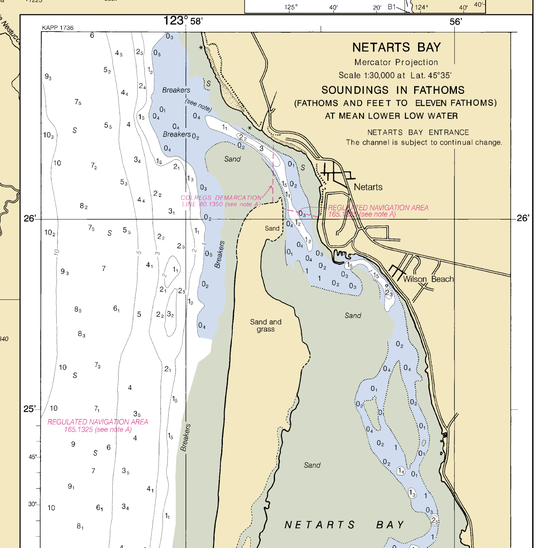
(Apr 2009)

SOURCE DIAGRAM

The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this 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 this diagram. Refer to Chapter 1, United States Coast Pilot.

SOURCE

A	1990 - 2010	NOS Surveys	full bottom coverage
B1	1990 - 2013	NOS Surveys	partial bottom coverage
B3	1940 - 1969	NOS Surveys	partial bottom coverage
B4	1900 - 1939	NOS Surveys	partial bottom coverage



See Netarts Bay Inset for Detail

VESSEL TRANSITING

The U.S. Coast Guard and the Pacific States/British Columbia Oil Spill Task Force endorse a system of voluntary measures and minimum distances from shore for certain commercial vessels transiting along the coast anywhere between Cook Inlet, Alaska and San Diego, California. See U.S.Coast Pilot 7, Chapter 3 for details.

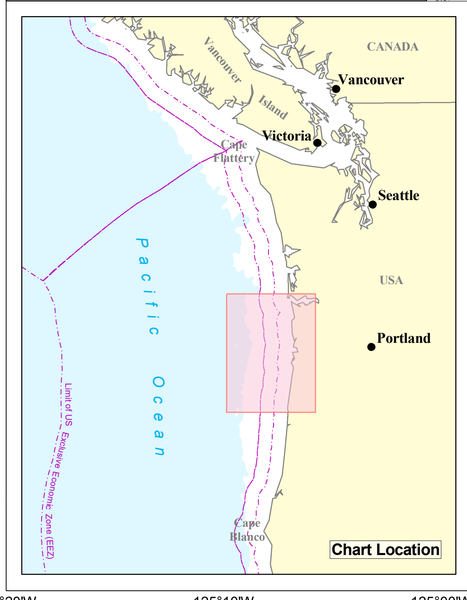
NETARTS BAY

Mercator Projection
Scale 1:30,000 at Lat. 45°35'
SOUNDINGS IN FATHOMS
(FATHOMS AND FEET TO ELEVEN FATHOMS)
AT MEAN LOWER LOW WATER

NETARTS BAY ENTRANCE
The channel is subject to continual change.

North American Submarine Cable Association

www.n-a-s-c-a.org



LEGEND

- NASCA Member Cables In Service
- NASCA Member Cables Out of Service
- Maritime Boundaries

General Note

These cables are plotted based on the best available data from cable owners and members of the North American Submarine Cable Association (NASCA) at the time of production.

Please be aware that there may be other cables in the area that are not depicted on this chart.

CABLE & CONTACT INFORMATION

Cable System	Status	Owner	Emergency Contact No.
AU WEST Segment 2	*In Service*	GCI	1-888-442-8662 or 1-907-868-5555
BiFrost	*In Service*	Telstra	+1-213-348-2030 prompt 0
HAWAIKI Segment T4	*In Service*	SubCom	1-973-216-2096
Jupiter Segment 2	*In Service*	Indigo Subsea	(719) 307-0915
NORTH STAR Nedonna - BU	*In Service*	Alaska Cable Systems	1-503-466-8513
Southern Cross Segment F	*In Service*	Verizon	1-888-734-1888
TGN Pacific Segment G1	*In Service*	TATA	1-732-282-4001
TGN Pacific Segment G5	*In Service*	TATA	1-732-282-4001
TGN Pacific Segment G6	*In Service*	TATA	1-732-282-4001
TPE (Verizon)	*In Service*	Verizon	1-888-734-1888

Emergency Contact Information

In the event you one become entangled in one of the submarine cables shown on this chart please contact the relevant owner listed on this chart 24 hours a day, seven days a week.

For General Information

For non-emergency information regarding any of the cable systems shown on this chart, or for marine planning purposes, please contact: **cableinfo@N-A-S-C-A.org**

NATURAL SCALE 1 : 185,238 at 45°40' N

0 5 10 15
Miles

0 5 10
Nautical Miles

SPHEROID & DATUM : WGS84

PROJECTION : MERCATOR

Notes:

This chart is intended for general reference only and **NOT FOR NAVIGATION PURPOSES.**

Please be aware that other cables may exist in addition to those shown on this chart.

SOUNDINGS IN FATHOMS
AT MEAN LOW WATER

CHART HISTORY

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NOAA Chart 18520. 28th Edition, August 2019

For more information see:
www.nauticalcharts.noaa.gov

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NASCA Cable Awareness Chart

Pacific Northwest Region

Chart no. 18520

YAQUINA HEAD TO COLUMBIA RIVER