SOUNDINGS IN FATHOMS
(FATHOMS AND FEET TO 11 FATHOMS)

THE NATION'S CHARTMAKER SINCE 1807
UNITED STATES - WEST COAST

WASHINGTON

# APPROACHES TO ADMIRALTY INLET

## DUNGENESS TO OAK BAY

Mercator Projection
Scale 1:40,000 at Lat. 48°08'

North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FATHOMS
(FATHOMS AND FEET TO ELEVEN FATHOMS)
AT MEAN LOWER LOW WATER

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

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 given thus:
◎(accurate location) ○(approximate location)

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.

NOTE C
NAVAL OPERATING AREAS
Mariners should use caution as naval craft may be maneuvering within the areas. For further information consult Local Notices to Mariners.

NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 7. Additional regulations 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 Seattle, Washington.
Refer to charted regulation section numbers.

NOTE D
Mariners are cautioned that the Washington State Ferries may deviate from the published standard routes due to inclement weather, traffic conditions, navigational hazards or other emergency conditions.

KEYSTONE HARBOR
The controlling depth is MLLW; with 19½ feet in the Entrance Channel and 8 feet in the Mooring Basin, except for shoaling along the edges of the Basin.
May 2001

The tidal current vectors shown on this chart (in green) represent the average maximum speeds of flood and ebb currents and the direction of flow. The speed of the current is represented by the arrow shaft, and the direction of current flow is shown by the vector arrows. The maximum speeds will vary through time. For exact predictions consult the Tidal Current Tables, Pacific Coast of North America.

NATIONAL WILDLIFE REFUGE
The areas labeled NWR (National Wildlife Refuge) are closed to the public to protect breeding colonies of seabirds, endangered and threatened species, and marine mammals. Boaters are requested to stay at least 200 yards away from these islands to avoid disturbance to these animals.

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

HEIGHTS
Elevations of rocks, bridges, landmarks and lights are in feet and refer to Mean High Water. Contour and summit elevation values are in feet and refer to Mean Sea Level.

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

CAUTION
Mariners are warned to stay clear of the protective ⊥group surrounding navigational light structures shown thus: ⊥

For Symbols and Abbreviations see Chart No. 1

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

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.

| | | |
|---|---|---|
| Seattle, Wash. | KHB-60 | 162.55 MHz |
| Puget Sound, Wash. | WWD-24 | 162.425 MHz |

HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum 1983 (NAD 83) and for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referenced to the North American Datum of 1927 must be corrected an average of 0.687" southward and 4.614" westward to agree with this chart.

RADAR REFLECTORS
Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

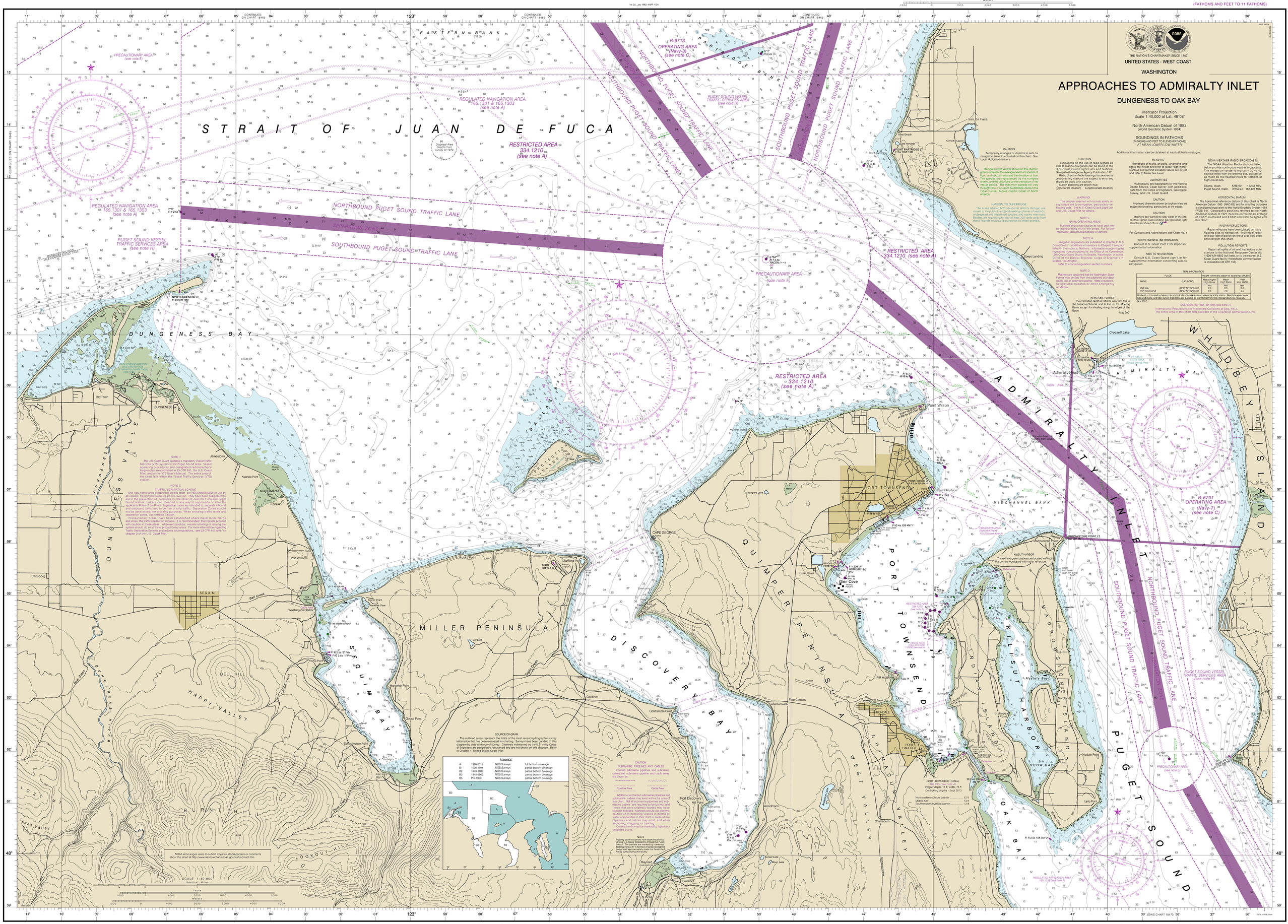
POLLUTION REPORTS
Report all spills of oil and hazardous substances to the National Response Center via toll free telephone 800-424-8802 or the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

TIDAL INFORMATION

| PLACE NAME | PLACE (LAT/LONG) | Height referred to datum of soundings (MLLW) Mean Higher High Water | Mean High Water | Mean Low Water |
|---|---|---|---|---|
| | | feet | feet | feet |
| Oak Bay | (48°07'N/122°42'W) | 9.4 | 8.6 | 2.6 |
| Port Townsend | (48°07'N/122°46'W) | 8.5 | 7.8 | 2.5 |

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://tides.noaa.gov. (Nov 2007)

COLREGS, 80.1385, 80.1395 (see note A)
International Regulations for Preventing Collisions at Sea, 1972.
The entire area of this chart falls seaward of the COLREGS Demarcation Line.






CAUTION
This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left-hand corner. Chart updates corrected from Notice to Mariners documents after the dates shown in the lower right-hand corner are available at nauticalcharts.noaa.gov/staff/cpf.htm.

11th Ed., Dec. 2007. Last Correction: 6/24/2016. Cleared through:
LNM: 4816 (11/29/2016), NM: 5016 (12/10/2016), CHS: 1116 (11/25/2016)

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If the line does not measure six inches (152 millimeters), this copy is not certified safe for navigation.

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(FATHOMS AND FEET TO 11 FATHOMS)

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U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

| FATHOMS | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FEET | 0 | 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 33 |
| METERS | 0 | 0.9 | 1.8 | 2.7 | 3.6 | 4.5 | 5.4 | 6.3 | 7.2 | 8.1 | 9.0 | 9.9 |

Dungeness to Oak Bay
SOUNDINGS IN FATHOMS - SCALE 1:40,000

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