This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Chief, Marine Chart Division (N/CS2), National Ocean Service, NOAA, Silver Spring, Maryland 20910-3282.

1st Ed. Sept. 1984

SOUNDINGS IN FATHOMS
(FATHOMS AND FEET TO 11 FATHOMS)

Nautical Chart Catalog No. 2, Panel G

18476

KAPP 1943

SCALE 1:40,000
Nautical Miles 0 1 2 3
Yards 1000 0 1000 2000 3000 4000 5000
Meters 1000 0 1000 2000 3000 4000 5000

JOINS CHART 18473

Leland Lake · Lords Lake · Sandy Shore Lake · Twin Lakes · Pheasant Lake · Mud Lake · Tarboo Bay · Rice Lake · Dabob · Thorndike Lake · Silent Lake · Marsh · Shine · Bridgehaven · South Pt · Termination Pt · Point Hannon · Iso 6s 40ft · Q 26ft · Fl G 4s 15ft 4M "1" · Fl G 6s 18ft 5M "3" · Pt Julia · Little Boston · Teekalet Bluff · Port Gamble · Salsbury Point · Current weak and variable · Quilcene · East Quilcene · Quilcene Boat Haven · Devils Lake · Mt Walker · Fishermans Pt · Lindsays Beach · Broad Spit · Camp Discovery · TARGET · Four Corners · Lofall · Foulweather Bluff · Kala Pt · Walker Pass · Suck Mountain · Camp Parsons (Boy Scout Camp) · Pulali Pt · Wawa Pt · Mt Turner · Green Hill · Seal Rock · Dosewallips · Brinnon Flats · Brinnon · Black Point · Duckabush · Quatsap Point · Hood Pt · Frenchmans Pt · Bees Mill · Camp Harmony · Brown Pt · Bangor Wharf · Tabook Pt · Camp Harmony · Misery Pt · Miami Beach · Maple Beach · Scenic Beach · Seabeck · Coyle · Fishermans Pt · Olympic View · Hazel Pt · Tskutsko Pt · Cole Pt · Vinland · Triton Cove · Triton Head · Nellita · Tekiu Pt · Ludvick Lake · Erickson Lake · Blacksmith Lake · Chinom Pt · Ayock Pt · Warrenville · Potlatch · Hoodsport · Cougar Spit · Musqueti Pt · Lake Maggie · Dry Pond · Negro Slough · Jiggs Lake · Tahuya · Lake Tahuya · Sisters Pt · Shady Beach · Prickett Lake · Union · Skokomish Indian Reservation · Oak Lake · Belfair · Lynch Cove · Plum Pt · Sunset Beach · Dewatto · Dewatto Bay · Larson Lake · Tea Lake · Aldrich Lake · U Lake · Don Lake · Cady Lake · Lone Duck Pond · Robbins Lake · Howell Lake · Red Bluff · Clark Creek · Mills Creek · Duckabush · Quatsap Point · Hood Pt · Frenchmans Cove · Boyce Creek · Misery Point · Scabeck Creek · Little Beef Creek · Big Beef Creek · Eagle Creek · Dewatto River · Tahuya River · Union River · Anderson Creek · Huntzville · Holly · Fulton Creek · Boyce Creek · Dewatto River · Mason Lake · Benson Lake · Trask Lake · Carson Lake · Shorewood · Creek · Marsh

SQUAMISH HARBOR · PORT GAMBLE BAY · HOOD CANAL · DABOB BAY · BOLTON PENINSULA · TOANDOS PENINSULA · THORNDYKE BAY · FULTON (BM)(T1) · TABOOK (BM)(T1) · FISHER (T1) · FENTON (T1) · NEW CHERRY (BM) (T1) · (T1) COMPUTER 17 · NORTH CZR BLDG ME 16 · SOUTH CAMERA HART (T1) · JACKSON COVE · PLEASANT HARBOR · DUNGENESS HARBOR · STAVIS BAY · SEABECK BAY · BIG BEEF HARBOR · LITTLE BEEF HARBOR · ANNAS BAY · THE GREAT BEND · DEWATTO BAY · LILLIWAUP BAY · ANDERSON COVE · LYNCH COVE

NAVY OPERATING AREA · TONGUE 11 · GREEN 3 · EULA 2 · MONUMENT RM-1 (WEST) · NORTH RANGE (EAST) TRANSIT STATION · VINLAND TRANSIT STATION · KEYPORT SOUTH MONUMENT · CARSON · APL BUOY · CABLE AREA · RESTRICTED AREA 334.1220 & 165.1302 (see note A)

Chart 18458 Scale 1:25,000 · Chart 18477 Scale 1:25,000

LOCAL MAGNETIC DISTURBANCE
Differences of more than 2° from the normal variation have been observed in Hood Canal at Point Hannon.

NOTE B
Submerged mooring cables are located in this area.

LOCAL MAGNETIC DISTURBANCE (see note)

PUGET SOUND VESSEL TRAFFIC SERVICES AREA (see note C)

PORT GAMBLE BAY
The controlling depth in the entrance channel was 23 feet July 1986.

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.

NOTE B
Navy-Maintained Warning Lights
Yellow or alternating white and yellow
- Proceed with caution.
- Range operations are in progress but no torpedoes or testing is occurring.
- Be prepared to shut down engines when lights change to red.
Red or alternating white and red
- Range operations are in progress and submarine torpedo and/or sound testing are occurring.
- Stop engines until red beacons have been shut off, showing test is completed.
- Follow the advice of Naval Guard Boats when in or near the range area.
Operational Periods
- Typically, boat passage is permitted between tests when the yellow beacons are operating.
- Normally, tests and torpedo runs are confined to periods of less than 30 minute durations.
- Submarine operations can occur for longer periods.

LOGARITHMIC SPEED SCALE
1 2 3 4 5 6 7 8 9 10 15 20 25 30 40 50 60
To find SPEED, place one point of dividers on distance run (in any unit) and the other on minutes run. Without changing divider spread, place right point on 60 and left point will then indicate speed in units per hour. Example: with 4.0 nautical miles run in 15 minutes, the speed is 16.0 knots

KAPP 1944

Belfair · Lynch Cove · Belfair State Park · Plum Pt · Sunset Beach · Dewatton Lake · Marsh · Ramp · Pier · Piling · Foul Area · Mo · Mx · Log boom · Current weak and variable

CONTINUATION OF HOOD CANAL

JOINS MAIN CHART

JOINS PANEL AT RIGHT

KAPP 1942

UNITED STATES - WEST COAST
WASHINGTON

PUGET SOUND
HOOD CANAL AND DABOB BAY

Mercator Projection
Scale 1:40,000 at Lat. 47°36'N

North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FATHOMS
(FATHOMS AND FEET TO 11 FATHOMS)
AT MEAN LOWER LOW WATER

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 riprap surrounding navigational light structures shown thus:

RACING BUOYS
Racing buoys within the limits of this chart are not shown hereon. Information may be obtained from the U.S. Coast Guard District Offices as racing and other private buoys are not all listed in the U.S. Coast Guard Light List.

NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 7. Additions or revisions to Chapter 2 are published in the Notices 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.

LOCAL MAGNETIC DISTURBANCE
Differences of more than 2° from the normal variation have been observed in Hood Canal at Point Hannon.

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.

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 speeds are represented by the numbers shown, and the directions by the orientation of the vector arrows. The maximum speeds will vary through time. For exact predictions, consult the Tidal Current Tables, Pacific Coast of North America.

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.

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.

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.

For Symbols and Abbreviations see Chart No. 1

HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83) and 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 on average of 0.657" southward and 4.500" westward to agree with this chart.

NOTE C
The U.S. Coast Guard operates a mandatory Vessel Traffic Services (VTS) system in the Puget Sound area. Vessel operating procedures and designated radiotelephone frequencies are published in 33 CFR 161, the U.S. Coast Pilot, and/or the VTS User's Manual. The entire area of the chart falls within the Vessel Traffic Services (VTS) system.

NOAA VHF-FM WEATHER BROADCASTS
The National Weather Service stations listed below provide continuous marine weather broadcasts. The range of reception is variable, but for most stations is usually 20 to 40 miles from the antenna site.

Mt Helmcken, B.C.	XLA-726	162.475 MHz
Puget Sound, WA	WWG-24	162.425 MHz
Seattle, WA	KHB-60	162.55 MHz

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

TIDAL INFORMATION

Place Name	(LAT/LONG)	Height referred to datum of soundings (MLLW) Mean Higher High Water	Mean High Water	Mean Low Water	Extreme Low Water
		feet	feet	feet	feet
Port Gamble	(47°51'N/122°35'W)	10.3	9.4	2.7	-5.0
Bangor Wharf	(47°45'N/122°44'W)	11.1	10.2	2.9	-5.0
Seabeck	(47°38'N/122°50'W)	11.5	10.6	3.0	-5.0
Union	(47°21'N/123°06'W)	11.8	10.9	3.0	-5.0
Lofall	(47°49'N/122°39'W)	10.7	9.8	2.9	-5.0

(1197)

FATHOMS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
FEET 6 12 18 24 30 36 42 48 54 60 66 72 78 84 90 96 102
METERS 2 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

CAUTION
Only marine radiobeacons have been calibrated for surface use. Limitations on the use of certain other radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Imagery and Mapping 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)

SCALE 1:40,000
Nautical Miles 0 1 2
Yards 1000 0 1000 2000 3000 4000 5000
Meters 1000 0 1000 2000 3000 4000 5000

JOINS INSET ABOVE

PUGET SOUND VESSEL TRAFFIC SERVICES AREA (see note C)

COLREGS: 80 FR 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.

4th Ed., Feb. 7/98 ■
18476

CAUTION
This chart has been corrected from the Notice to Mariners published weekly by the National Imagery and Mapping Agency and the Local Notice to Mariners issued periodically by each U.S. Coast Guard district to the date shown in the lower left hand corner.

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

SOUNDINGS IN FATHOMS
(FATHOMS AND FEET TO 11 FATHOMS)

Hood Canal to Dabob Bay
SOUNDINGS IN FATHOMS - SCALE 1:40,000

18476

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NIMA STOCK NO. 18HA18476