SOUNDINGS IN FATHOMS

18465 (formerly C&GS 6382)

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Nautical Chart Catalog No. 2, Panel G

STRAIT OF JUAN DE FUCA

EASTERN PART

UNITED STATES – WEST COAST

WASHINGTON

Mercator Projection
Scale 1:80,000 at Lat. 48°13'
North American 1927 Datum
SOUNDINGS IN FATHOMS
AT MEAN LOWER LOW WATER IN U.S. TERRITORY
AT LOWEST NORMAL TIDES IN CANADIAN TERRITORY

Nautical Miles
Yards

CABLE AND PIPELINE AREAS
The cable and pipeline areas falling within the areas of the large scale Canadian charts are not shown on this chart.

NEW CHART NUMBERING SYSTEM
The National Ocean Survey, in cooperation with the Defense Mapping Agency Hydrographic Center, is in the process of adopting a new national chart numbering system. See Notice to Mariners No. 19, May 11, 1974, or Nautical Chart Catalog for cross references of old and new chart numbers.

Chart Number

New System	Old System
18423	184-SC
18465	6382
18467	6403
18468	6303

NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 7, or weekly Notice to Mariners which include new or revised regulations. Information concerning the regulations may be obtained at the Office of the District Engineer, Corps of Engineers in Seattle, Wash.
Anchorage regulations may be obtained at the Office of the Commander, 13th Coast Guard District in Seattle, Wash.
Refer to section numbers shown with area designation.

NOTE B
CAUTION
Naval vessels may be maneuvering in circles in this area proceed with caution. For further information consult Coast Guard Local Notice to Mariners.

NOTE C
For Canadian Firing Practice and Exercise Areas see Canadian Notice to Mariners No. 2 on each year.

NOTE D
Naval Operating Areas are delineated by a purple screen band thus [illegible]. Naval craft may be maneuvering within the areas. For further information consult Local Notices to Mariners.

NOTE E
TRAFFIC SEPARATION SYSTEM
One-way traffic lanes overprinted on this chart are RECOMMENDED for use by all vessels traveling between the points involved. They have been designed to aid in the prevention of collisions in the Strait of Juan De Fuca waters, but are not intended to imply navigational rights or to relieve vessels of their rules of road. Separation zones are intended to separate inbound and outbound traffic and to be free of ship traffic. Separation zones should not be used except for crossing purposes. When crossing traffic lanes and separation zones use extreme caution.
For information governing the VESSEL TRAFFIC MANAGEMENT AND INFORMATION SYSTEM for the coastal waters of southern British Columbia see Defense Mapping Agency Hydrographic Center Publication 154, Sailing Directions (enroute) for British Columbia, and the Sailing Directions, British Columbia Coast (South Portion) Volume 1, published by the Canadian Hydrographic Service.

NOTE F
Precautionary Areas have been established where major traffic lanes merge and cross the traffic separation system. It is recommended that vessels proceed with caution in these areas. Wherever practical vessels entering or leaving the system should do so at these precautionary areas.

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 Defense Mapping Agency Hydrographic Center Publication 117 (A & B).
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)

TIDAL INFORMATION

Place	Height referred to datum of soundings (MLLW)				
	Mean Higher High Water	Mean High Water	Mean Tide Level	Mean Lower Low Water	Extreme Low Water
Name (Lat/Long)	feet	feet	feet	feet	feet
Port Angeles (48°07'N/123°26'W)	7.2	6.5	4.6	0.0	−4.0
Gardner, Discovery Bay (48°04'N/122°51'W)	7.9	7.0	4.8	0.0	−4.0
Dungeness (48°09'N/123°06'W)	7.8	6.9	4.8	0.0	−4.0
Richardson, Lopez Island (48°27'N/122°54'W)	7.3	6.6	4.5	0.0	−4.0
*Victoria Harbor (48°26'N/123°23'W)	8.6	8.0	6.3	2.5	−1.5
*Saanich Inlet (48°32'N/123°34'W)	9.4	8.4	6.6	3.0	−1.5

*Note – In Canadian waters the chart datum is the average of the Lowest Normal Tides, approximately.

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

Lights (Lights are white unless otherwise indicated.)
F. fixed; Fl. flashing; Gp. group; Iso. isophase; Oc. occulting; Occ. occulting; Al. alternating; Q. quick; VQ. very quick; IQ. interrupted quick; Mo. Morse; M. nautical miles; Bl. blue; W. white; R. red; G. green; Y. yellow; Bk. black; Or. orange; Vi. violet; H. hour; m. minutes; sec. seconds; Sh. shoal; Ch. channel; Obscd. obscured; Int. intensified; Vis. visible; Ra. radar; Ref. reflector; Horn (1) Horn (2) sounds every minute; Whis. whistle; Bell (1) Bell (2) sounds every minute; Gong (1) Gong (2) sounds every minute; Siren (1) Siren (2) sounds every minute; Rot. rotating; Sect. sector; Alt. alternating; Dia. diaphone; Buoys: T.B. temporary buoy; C. can; N. nun; S. spar; B. black; R. red; Bottom characteristics: Cl. clay; Co. coral; Cy. gravel; Grs. grass; M. mud; Rk. rock; S. sand; Sh. shells; hrd. hard; rky. rocky; sft. soft; stk. sticky; blk. black; br. brown; bu. blue; gn. green; gr. grey; rd. red; wh. white; yl. yellow; 21 (2) Wreck, rock, obstruction, or shoal swept clear to the depth indicated. Rocks that cover and uncover, with heights in feet above datum of soundings.
AERO. aeronautical; Bn. radiobeacon; C. G. Coast Guard station; Dn. daybeacon; R. TR. radio tower; D.F.S. distance finding station.
AUTH. authorized; Obstr. obstruction; P.A. position approximate; E.D. existence doubtful.

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.

VHF WEATHER BROADCAST FOR MARINERS
FM Stations with a range of approximately 40 miles are in continuous operation 24 hours daily broadcasting weather warnings, forecasts and reports from the NATIONAL WEATHER SERVICE Office as follows:

Seattle, Wash.	KHB-60	162.55 MHz
Neah Bay, Wash.	KIH-36	162.55 MHz

STORM WARNINGS
The National Weather Service displays storm warnings at the following approximate locations:
Port Angeles (48°07.2'–123°26.9')
Cape George Marina (48°06.2'–122°53.0')

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

AUTHORITIES
Hydrography and topography by the National Ocean Survey (formerly the Coast and Geodetic Survey) with additional data from the Corps of Engineers, Canadian Surveys and U.S. Coast Guard.

HEIGHTS
Heights in feet above Mean High Water in U.S. Territory.
Height expressed in feet above Higher high water, Larger Tides in Canadian Territory.

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

AIDS TO NAVIGATION
Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.
See Canadian List of Lights, Buoys and Fog Signals for information not included in the U.S. Coast Guard Light List.

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

Mt. Muir 2907 rounded summit
Espewas Mt. 2235
Mt. Manuel Quimper 1635
Mt. McDonald 1430
Hump 1235
Hump Lake
Jim Mossie Cr.
Sooke R.
Sooke Basin
Sooke Inlet
Sooke Bay
Gordon Bay
Whiffen Spit
Sooke
Sooke Mt. 1000
Magazine Mt. 1000
Mt. Matheson 1000
Mt. Wells 1000
Mt. Finlayson 1000
Mt. Donaldson 1000
Gordon R.
Gordon Bay
Parry Bay
Parkes Hill
Mary Hill
Garthside Hill
Cape Calver
Prior Bay
Becher Bay
South Head
Church Pt.
Race Rocks
Race Passage
Victoria
Mt. Douglas
Saanich Inlet
Mill Hill 440
Mt. Tolmie 540
Hallay Pt.
Royal Roads
Albert Head
Parkes Bank
Constance Bank
Middle Bank
Hein Bank
McArthur Bank
Eastern Bank
Partridge Bank
Dallas Bank
Swiftsure Bank
Haro Strait
Pedder Bay
Esquimalt Harbour
Esquimalt
Colwood
Langford
Metchosin
Sooke
Juan de Fuca Strait
Canada
United States
Boundary
Saanich Peninsula
Sidney
Patricia Bay
Mt. Newton 800
Tod Inlet
Brentwood Bay
Saanichton
Saanichton Bay
Cordova Bay
Cordova Spit
Trial Is.
Discovery Is.
Pilfold Reef
Baynes Channel
Gabriola Passage
Gabriola Is.
Mudge I.
Pylades Channel
Dodd Narrows
Nanaimo
Nanaimo Harbour
Protection I.
Newcastle I.
Entrance I.
Duke Pt.
Gabriola Reef
Flat Top Is.
Round Is.
Thrasher Rock
Active Pass
Porlier Pass
Galiano I.
Valdes I.
Gulf Is.
Gulf Is. National Park Reserve
Saturna I.
Saturna Is.
Tumbo Is.
Tumbo Channel
Georgina Pt.
Boundary Pass
Turn Point
Stuart I.
Stuart Channel
Satellite Channel
Moresby I.
Moresby Passage
Domville I.
Portland I.
Portland Passage
Pender Canal
Pender I.
Mayne I.
Mayne Passage
Navy Channel
Plumper Sound
Plumper Pass
Plumper Is.
Thetis I.
Thetis Passage
Kuper I.
Kuper Passage
Prevost I.
Prevost Passage
Trincomali Channel
Trincomali Passage
Trincomali Is.
Saltspring I.
Saltspring Is.
Fulford Harbour
Ganges
Ganges Harbour
Chain I.
Chain Islets
Sansum Narrows
Cowichan Bay
Cowichan Head
Maple Bay
Genoa Bay
Quamichan Lake
Somenos Lake
Somenos Marsh
Duncan
Duncan Bay
Mt. Prevost 1000
Mt. Tzouhalem 1000
Mt. Sicker 1000
Mt. Richards 1000
Mt. Brenton 1000
Mt. Maxwell 1000
Mt. Parke 1000
Mt. Erskine 1000
Mt. Work 1000
Mt. Finnerty 1000
Mt. Douglas 1000
Mt. Newton 800
Mt. Belcher 1000
Mt. Wallace 1000
Mt. Warburton Pike 1000
Mt. Galiano 1000
Mt. Parker 1000
Mt. Norman 1000
Mt. Sutil 1000
Mt. Tuam 1000
Mt. Kuper 1000
Mt. Tilly 1000
Mt. Vancouver 1000