1st Ed., July 1994 KAPP 2932

DEPTHS IN METERS

CONTINUED ON CHART 16460

THE NATION'S CHARTMAKER SINCE 1807

UNITED STATES

ALASKA - ALEUTIAN ISLANDS

ANDREANOF ISLANDS

TANAGA ISLAND TO UNALGA ISLAND

Mercator Projection
Scale 1:100,000 at Lat 51° 44'

North American Datum of 1983
(World Geodetic System 1984)

DEPTHS IN METERS AND DECIMETERS
AT MEAN LOWER LOW WATER

For Symbols and Abbreviations see Chart No. 1

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

HEIGHTS
Heights in meters above Mean High Water.

AUTHORITIES
Hydrography and topography by the National Ocean Service, Coast Survey.

SUPPLEMENTAL INFORMATION
Consult U.S. Coast Pilot 9 for important supplemental information.

AIDS TO NAVIGATION:
Consult U.S. Coast Guard Light List for supplemental information concerning aids to 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 of 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected on average of 0.26" southward and 9.25" westward to agree with this chart.

NOTE A
Navigation regulations are published in Chapter 2 U.S. Coast Pilot 9. 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, 17th Coast Guard District in Juneau, Alaska, or at the Office of the District Engineer, Corps of Engineers in Anchorage, Alaska.
Refer to charted regulation section numbers.

COLREGS, 80-1705 (see note A)
International Regulations for Preventing Collisions at Sea, 1972. The entire area of this chart falls seaward of the COLREGS Demarcation Line.

SOURCE

B3	1940-1969	NOS Surveys	Partial bottom coverage
B4	1900-1939	NOS Surveys	Partial bottom coverage
f		US Government Surveys	

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.

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)

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

CAUTION
Numerous uncharted rocks may exist shoreward of the 10 meter curve.

CAUTION
Extremely heavy tide rips and strong currents, which at times make control of vessels difficult, may be encountered in the passages between the North Pacific Ocean and the Bering Sea.
See Tidal Current Tables for supplemental information.

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).

LOCAL MAGNETIC DISTURBANCE
Differences of as much as 7° from the normal variation have been observed on Gareloi Island southeast of Mt. Gareloi.

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.

TIDAL INFORMATION

PLACE		Height referred to datum of soundings (MLLW)			
NAME	(LAT/LONG)	Mean Higher High Water		Mean High Water	Mean Low Water
		feet	feet	feet	feet
Tanaga Bay, Tanaga Island	(51°43'N/178°03'W)	4.0	4.2	3.4	0.4
Lash Bay, Tanaga Island	(51°45'N/178°03'W)	4.0	4.2	3.4	0.4
Ogliuga Island, E. coast, Delarof Islands	(51°36'N/178°37'W)	3.5	3.7	2.9	0.3
Gareloi Island, Gareloi Islands	(51°46'N/178°16'W)	3.7	3.9	3.1	0.3

NOTE: Tide is chiefly diurnal.

Dashes (- - -) Incident 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. (Feb 2015)

SCALE 1:100,000
Nautical Miles
Statute Miles
Yards
Meters

SHORE NAUTICAL MILE LINE (see note X)

THREE NAUTICAL MILE LINE (see note X)

TERRITORIAL SEA LIMIT (see note X)

NOTE X
Within 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 it continues to depict the jurisdictional limit of the other laws. The 9-nautical mile Natural Resource Boundary off the Gulf coast of the states and Puerto Rico and the Three Nautical Mile Line off the Atlantic coast of the states and Puerto Rico were established by Presidential Proclamation. The jurisdiction of the states. The 24-nautical mile Contiguous Zone and the 200-nautical mile Exclusive Economic Zone were established by Presidential Proclamation. Unless fixed by treaty or the U.S. Supreme Court, these maritime limits are subject to modification.

BERING SEA

AMCHITKA PASS

TANAGA PASS

DELAROF ISLANDS

NORTH PACIFIC OCEAN

GARELOI ISLAND
Mount Gareloi

TANAGA ISLAND
Tanaga Volcano
CAPE SAJAKA
Gage Pt
Burma Pt
Tanaga Pt
Gusty Bay
Pinnacle Pt
Pillbox Pk
Fortress Pt
Rough Bay
Blackface Pt
Cape Agamsk
Cable Bay
TANAGA BAY
Middle Ledge
Southwest Bays
Kulak Pt
WATERFALLS
CAPE AMAGAL
Figure Eight Lake
CONTROL TOWER(1)
MARKERS
Lash Bay
TOWER
Harbor Rk
Harem Rk
Scared Rk
SOUTH BAY
Twin Bays
Christmas Tree Pt
CAPE SASMIK
Hero Pt

UNALGA ISLAND
Dinkum Rks

KAVALGA ISLAND
Skip Chart Pass

OGLIUGA ISLAND
Landing Step
Ogliuga Pass

SKAGUL ISLAND

Ugidak Island

Tag Islands

Ilak Island
Grimp Rk

ILAK ISLAND

LOCAL MAGNETIC DISTURBANCE (see note)

Chart 16462 Scale 1:50,000

Chart 16463 Scale 1:50,000

CONTINUED ON CHART 16460

JOINS CHART 16467

Mariners are requested to report to the U.S. Coast Guard any aids to navigation which are missing, out of position, or not operating properly.

3rd Ed., Mar 2015
16465

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 published after the dates shown in the lower left hand corner are available at nauticalcharts.noaa.gov.

Last Correction: 3/18/2015. Cleared through:
LNM: 3715 (9/15/2015), NM: 3915 (9/26/2015), CHS: 0815 (8/28/2015)

To ensure that this chart was printed at the proper scale, the line below should measure six inches (152 millimeters).
If the line does not measure six inches (152 millimeters), this copy is not certified safe for navigation.

NOAA encourages users to submit inquiries, discrepancies or comments about this chart at http://www.nauticalcharts.noaa.gov/staff/contact.htm

DEPTHS IN METERS

This chart was distributed as a PDF (Portable Document Format). Printing PDFs may alter the chart scale, color, or legibility that may impact suitability for navigation. Printed charts provided by NOAA certified Print on Demand (POD) providers fulfill a vessel's requirement to carry a navigational chart "published by the National Ocean Service" in accordance with federal regulations, including but not limited to 33 C.F.R. 164.33(a), 33 C.F.R. 164.72(b), and 46 C.F.R. 28.225(a). POD charts meet stringent print standards and can be recognized by an official certification of authenticity printed on the chart. A list of POD providers can be found at: nauticalcharts.noaa.gov/pod

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

FATHOMS 1 2 3 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 32 33 34 35 36
FEET 1 2 3 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 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60
METERS 1 2 3 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 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

Tanaga Island to Unalga Island
DEPTHS IN METERS - SCALE 1:100,000

16465