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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).

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

Formerly C&GS 9123, 1st Ed., May 1944 KAPP 2483

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.

# SOUNDINGS IN FATHOMS
(FATHOMS AND FEET TO 11 FATHOMS)

179°16′ East Longitude — 17′ — 18′ — 19′ — 20′ — 179°21′ East Longitude

CONTINUED ON CHART 16440

CONTINUED ON CHART 16440

25′ — 50′ — 40′ — 30′ — 20′ — 10′ — 51° 24′ — 50′ — 23′

KIRILOF BAY

Kirilof Wharf Ruins

Jetty (Ice 2015)

LOCAL MAGNETIC DISTURBANCE (see note)

Jones Lake

Sushi Ruins

Breakers

Foul Area

Post

Ruins

CONSTANTINE HARBOR

Constantine Pt.

Rk

Breakers

Foul

Kelp

AMCHITKA ISLAND

MAGNETIC
VAR 3°45′E (2014)
ANNUAL DECREASE 9

HEIGHTS
Heights in feet above Mean High Water.

AUTHORITIES
Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Geological Survey, and National Geospatial-Intelligence Agency.

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

LOCAL MAGNETIC DISTURBANCE
Differences of as much as 5° from the normal variation have been observed in Constantine Harbor.

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.

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

SCALE 1:10,000
Nautical Miles ½ 0 ½
Statute Miles ½ 0 ½
Yards 200 0 200 400 600 800 1000 1200
Meters 200 0 200 400 600 800 1000 1200

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 5.678″ southward and 9.817″ westward to agree with this chart.

PROHIBITED AREA
Amchitka Island
Regulations are published in 50CFR36.39.

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)
Aids to Navigation (lights are white unless otherwise indicated):

| | | | |
|---|---|---|---|
| AERO aeronautical | G green | Mo morse code | R TR radio tower |
| Al alternating | IQ interrupted quick | N nun | Rot rotating |
| B black | Iso isophase | OBSC obscured | s seconds |
| Bn beacon | LT HO lighthouse | Oc occulting | SEC sector |
| C can | M nautical mile | Or orange | St M statute miles |
| DIA diaphone | m minutes | Q quick | VQ very quick |
| F fixed | MICRO TR microwave tower | R red | W white |
| Fl flashing | Mkr marker | Ra Ref radar reflector | WHIS whistle |
| | | R Bn radiobeacon | Y yellow |

Bottom characteristics:

| | | | | |
|---|---|---|---|---|
| Blds boulders | Co coral | gy gray | Oys oysters | so soft |
| bk broken | G gravel | h hard | Rk rock | Sh shells |
| Cy clay | Grs grass | M mud | S sand | sy sticky |

Miscellaneous:

| | | | |
|---|---|---|---|
| AUTH authorized | Obstn obstruction | PD position doubtful | Subm submerged |
| ED existence doubtful | PA position approximate | Rep reported | |

(2) Wreck, rock, obstruction, or shoal swept clear to the depth indicated.
(2) Rocks that cover and uncover, with heights in feet above datum of soundings.

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

UNITED STATES
ALASKA - ALEUTIAN ISLANDS
AMCHITKA ISLAND

# CONSTANTINE HARBOR

Mercator Projection
Scale 1:10,000 at Lat. 51°25′
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.

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 |
| Constantine Harbor | (51°25 N/179°17′E) | 2.8 | 2.4 | 0.9 |

NOTE: Tide is chiefly diurnal

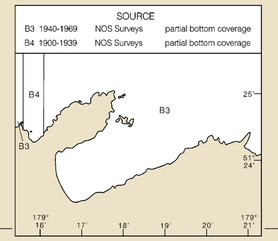
Dashes (- - -) located in datum columns indicate unavailable datum values for a tide station. Real-time water levels, tide predictions, and tidal current predictions are available on the Internet from http://tidesandcurrents.noaa.gov. (Mar 2014)

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.

AREA TO BE AVOIDED (ATBA)
The entire area of this chart falls within an Area to be Avoided. All ships 400 gross tonnage and upwards solely in transit should avoid the Area. This Area is IMO-Adopted (MSC IMO SN.1/Circ.331), to be implemented at 0000 UTC, JAN 1, 2016.

SOURCE

| | | | |
|---|---|---|---|
| B3 | 1940-1969 | NOS Surveys | partial bottom coverage |
| B4 | 1900-1939 | NOS Surveys | partial bottom coverage |




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.

509.8 X 685.6 mm

To ensure that this chart was printed at the proper scale, the line below should measure six inches (152 millimeters).

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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.

**This chart is canceled. No new editions will be issued.**

9th Ed., Jun. 2014. Last Correction: 1/31/2022. Cleared through
LNM: 2922 (7/19/2022). NM: 3122 (7/30/2022). CHS: 3622 (6/24/2022)

SOUNDINGS IN FATHOMS
(FATHOMS AND FEET TO 11 FATHOMS)

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
FEET 6 12 18 24 30 36 42 48 54 60 66 72 78 84 90 102
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

Constantine Harbor
SOUNDINGS IN FATHOMS - SCALE 1:10,000

16446