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

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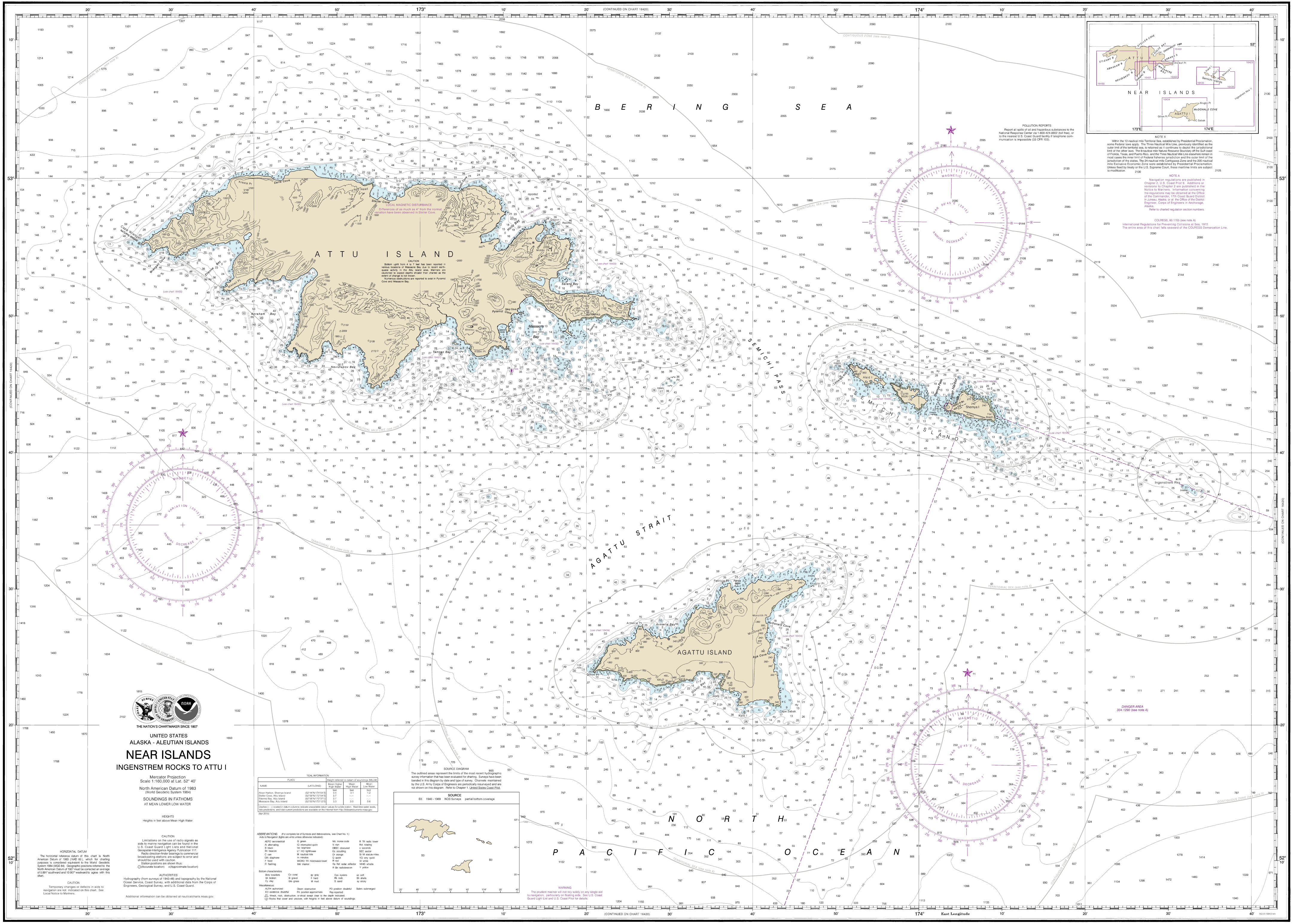
SOUNDINGS IN FATHOMS


(CONTINUED ON CHART 16420)
BERING SEA
ATTU ISLAND
Cape Wrangell
NATURAL BRIDGE
Wrangell Cove
Etienne Bay
Mikhail Pt
Abraham Bay
Chuniksak Pt
Nevidiskov Bay
Theodore Pt
Kresta Pt
Earle Cove
Red Head
Steller Cove
LOCAL MAGNETIC DISTURBANCE
Differences of as much as 4° from the normal variation have been observed in Steller Cove.
Holtz Bay
Gibson I
Chichagof Hbr
Sarana Bay
Chirikof Pt
Massacre Bay
Pyramid Cove
Casco Cove
Temnac Bay
Krasni Pt
Weston Mountain
Murder Pt
SEMICHI PASS
SEMICHI ISLANDS
Alaid I
Nizki I
Shemya I
Shemya Pass
Alcan Harbor
AERO R Bn
Fox Beach
Airfield
Ingenstrem Rks
AGATTU STRAIT
AGATTU ISLAND
Patricia Pt
Krugloi Pt
Armeria Pt
Armeria Bay
Monolith Pt
McDonald Cove
McDonald Pt
Aga Cove
Gillon Pt
Nile Pt
Otkriti Bay
Karab Cove
Kohl I
Cape Sabak
NORTH PACIFIC OCEAN
MAGNETIC
NO VARIATION (2015)
ANNUAL DECREASE 6' E
VAR 00°45'E (2015)
ANNUAL DECREASE 1'
TERRITORIAL SEA (see note X)
THREE NAUTICAL MILE LINE (see note X)
CONTIGUOUS ZONE (see note X)
DANGER AREA
334.1290 (see note A)
(use chart 16430)
(use chart 16431)
(use chart 16432)
(use chart 16433)
(use chart 16434)
(use chart 16435)
(use chart 16436)
(CONTINUED ON CHART 16420)
East Longitude
NEAR ISLANDS
173°E
174°E
16423
16430
16431
16432
16433
16434
16435
16436

CAUTION

Bottom uplift from 4 to 7 feet has been reported in various locations of Massacre Bay due to recent earthquake activity in the Attu Island area. Mariners are cautioned to expect depths shoaler than charted as the extent of change is not known.

Numerous obstructions are reported to exist in Pyramid Cove and Massacre Bay.

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).

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 Florida, Texas, and Puerto Rico, and the Three Nautical Mile Line elsewhere remain in most cases the inner limit of Federal fisheries jurisdiction and the outer limit of 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.

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.

THE NATION'S CHARTMAKER SINCE 1807

UNITED STATES
ALASKA - ALEUTIAN ISLANDS

NEAR ISLANDS

INGENSTREM ROCKS TO ATTU I

Mercator Projection
Scale 1:160,000 at Lat. 52° 40'

North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FATHOMS
AT MEAN LOWER LOW WATER

HEIGHTS
Heights in feet above Mean High Water.

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)

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 5.891" southward and 10.907" westward to agree with this chart.

CAUTION

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

AUTHORITIES

Hydrography (from surveys of 1943-48) and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

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
Alcan Harbor, Shemya Island	(52°44'N/174°04'E)	3.4	3.1	1.2
Steller Cove, Attu Island	(52°59'N/172°54'E)	3.7	--.--	--.--
Etienne Bay, Attu Island	(52°56'N/172°37'E)	3.7	--.--	--.--
Massacre Bay, Attu Island	(52°50'N/173°12'E)	3.3	3.0	0.6

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.

(Apr 2015)

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	

21 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.

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.

SOURCE			
B3	1940 - 1969	NOS Surveys	partial bottom coverage

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.

753.0 X 1064.0 mm

11th Ed., May 2015

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: 5/27/2015. Cleared through:
LNM: 2115 (5/26/2015), NM: 2215 (5/30/2015), CHS: 0415 (4/24/2015)

SOUNDINGS IN FATHOMS

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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	96	102