NOAA COAST SURVEY

UNITED STATES

ALASKA - SOUTHEAST COAST

ZAREMBO ISLAND AND APPROACHES

Mercator Projection
Scale 1:80,000 at Lat 56° 15'

North American Datum of 1983
(World Geodetic System 1984)

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

Formerly C&GS 8160, 1st Ed., Nov. 1905 V-1905-59 KAPP 2704

17382

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

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
Wrangell, Wrangell Island	(56°28'N/132°23'W)	16.0	15.1	1.5

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.
(Feb 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	N nun		R TR radio tower	
Al alternating	IQ interrupted quick	OBSC obscured		Rot rotating	
B black	Iso isophase	Oc occulting		s seconds	
Bn beacon	LT HO lighthouse	Or orange		SEC sector	
C can	M nautical mile	Osc oscillating		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	Mor marker	Ra Ref radar reflector		WHIS whistle	
	Mo morse code	R Bn radiobeacon		Y yellow	

Bottom characteristics:

Bld boulders	Co coral	Gy gritty	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	

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

AUTHORITIES
Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Geological Survey and U.S. Coast Guard.

SUPPLEMENTAL INFORMATION
Consult U.S. Coast Pilot 8 for important supplemental information.

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

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.

HEIGHTS
Heights in feet above Mean High Water.

VEGETATION
The land is generally heavily wooded. The woods decrease in density with the elevation leaving the higher elevations bare.

SCALE 1:80,000
Nautical Miles
Statute Miles
Yards
Meters

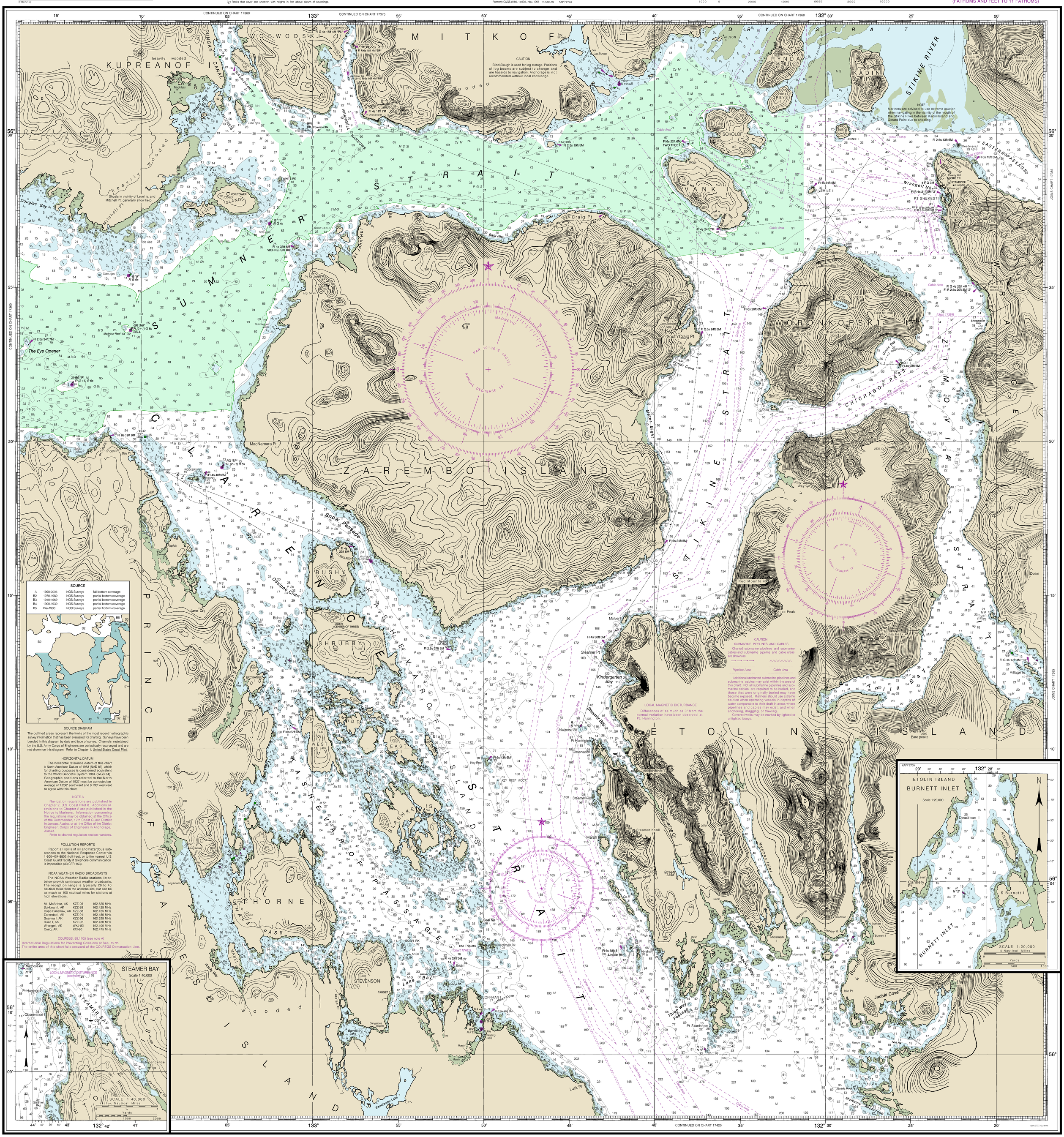
WARNING
The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

AIDS TO NAVIGATION
Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

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

WIRE DRAGGED AREAS
The area tinted green was swept in 1915 - 1916 for previously uncharted dangers to navigation. All dangers found are shown on this chart.

SOUNDINGS IN FATHOMS
(FATHOMS AND FEET TO 11 FATHOMS)



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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.

SOUNDINGS IN FATHOMS
(FATHOMS AND FEET TO 11 FATHOMS)

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U.S. DEPARTMENT OF COMMERCE
NOAA
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
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

Zarembo Island and Approaches
SOUNDINGS IN FATHOMS - SCALE 1:80,000

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18th Ed., Apr. 2015. Last Correction: 12/1/2016. Cleared through:
LNM: 4916 (12/6/2016), NM: 5116 (12/17/2016), CHS: 1116 (11/25/2016)

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