This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Director, Charting and Geodetic Services (N/CG22), National Ocean Service, NOAA, Rockville, Maryland 20852.

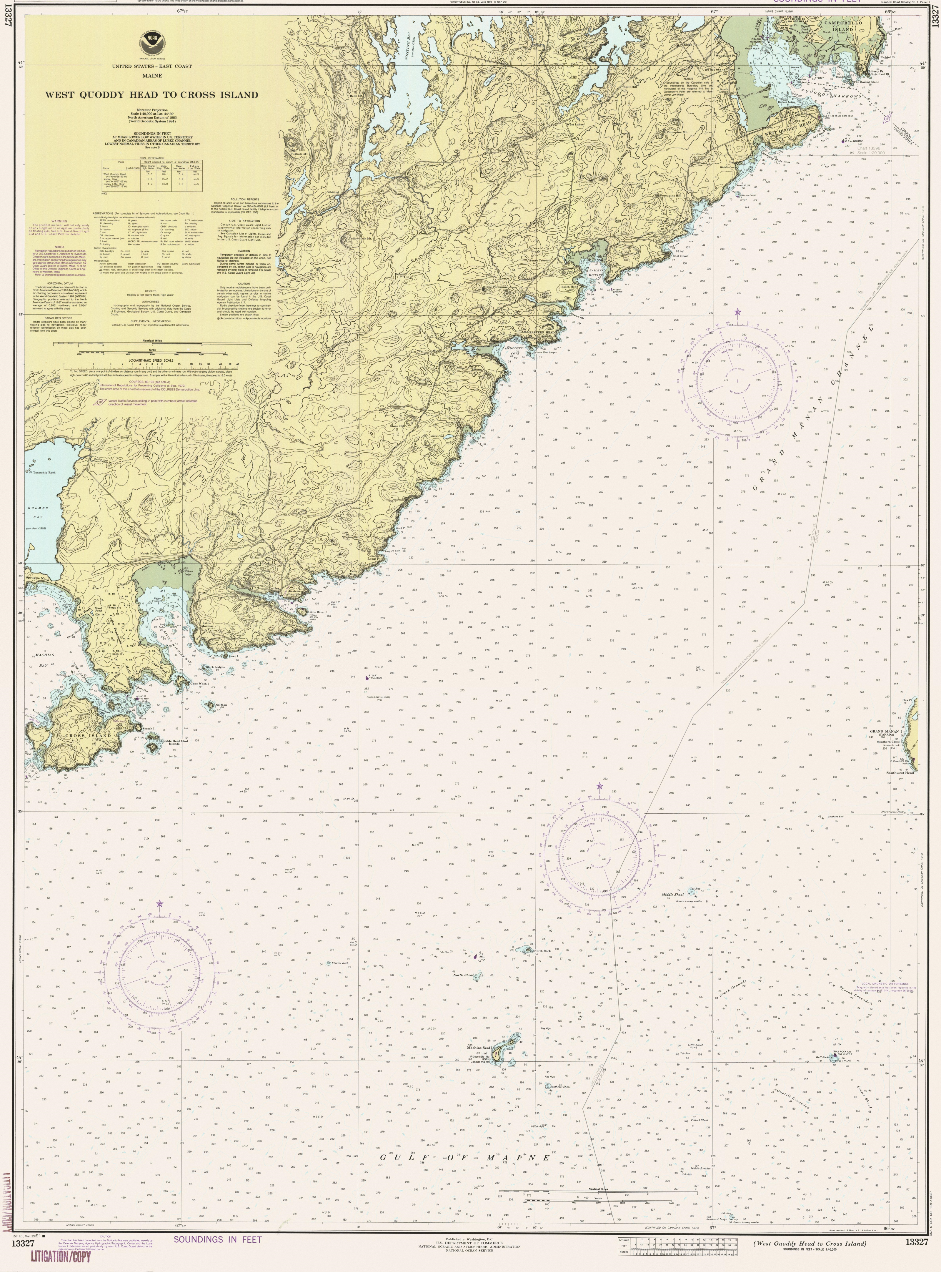
NOTE X

The 12 nautical mile territorial sea was established by Presidential Proclamation 5928, December 27, 1988, and is also the outer limit of the U.S. contiguous zone for the application of domestic law. The 3 nautical mile line, previously identified as the outer limit of the territorial sea, is retained because the proclamation states that it does not alter existing State or Federal law. The 9 nautical mile natural resources boundary off Texas, the Gulf coast of Florida, and Puerto Rico, and the 3 nautical mile line elsewhere remain the inner boundary of the Federal fisheries jurisdiction and the limit of states' jurisdiction under the Submerged Lands Act (P.L. 83-31; 67 Stat. 29, March 22, 1953). These maritime limits are subject to modification, as represented on future charts. The lines shown on the most recent chart edition take precedence.

Formerly C&GS 303, 1st. Ed., June 1893 D-1957-913

SOUNDINGS IN FEET

Nautical Chart Catalog No. 1, Panel I


67°15′
10′
06′ 45″ 30″ 15″ 05′ 50″
67°
(JOINS CHART 13328)
66°55′
44° 50′
45′
40′
35′
44° 30′
Crow Neck
WHITING BAY (use chart 13328)
Gravelly Pt.
Bells Mt.
Leighton Pt.
Albee Pt.
Pughole Mt.
Little Lake
Whiting
Dam
Orange River
East Stream
Yellowbirch Mt.
Dougherty Pt.
Lily Lake
Red Pt.
Ridge
Lubec Neck
Woodward Pt.
Split Hill
West Lubec
Porcupine Mt.
South Lubec
LUBEC CHANNEL
CAMPOBELLO ISLAND
Cranberry Pt.
Upper Duck Pond
Duck Is
Mink Pt
Gooseberry Pt
Lower Duck Pond
Marsh
Owen Head
Ragged Pt
Liberty Pt
Sugar Loaf Rk
The Boring Stone
Middle Ground
Wormell Ledges
QUODDY NARROWS
WEST QUODDY HEAD
Sail Rock
Chart 13396 Scale 1:20,000
CANADA UNITED STATES
Carrying Place Cove
Wallace Cove
Morton Ledge
Porcupine Hill
Hamilton Cove
Squaw Cap
Julia Cove
Boot Cove
Boot Head
South Trescott
BAILEYS MISTAKE
Sims Head
The Porcupine
Balch Head
The Pool
Haycock Hbr
EASTERN HEAD
Eastern Head Ledges
MOOSE COVE
Moose River
Stone Hill
Norse Pond
Bog Brook Cove
Holmes Cove
Black Pt Cove
Long Pt Cove
Long Pt.
Fairy Head
Otter Pt.
Money Cove
Cutler
Eastern Knubble
Little River
Little River I
Western Head
Great Head
Little Machias
Dennison Pt.
Deer I
Black Ledges
Cape Wash I
Old Man
Double Head Shot Islands
Scotch I
Township Rock
HOLMES BAY (use chart 13326)
Huntley Creek
North Cutler
Widows Ledge
Sprague Neck
Davis Beach
Deep Cove
Pt. Ruth
Great Pond
Cutler Peninsula
Upper Ledge
Long Ledge
LITTLE MACHIAS BAY
Holly Pt
Holly Cove
Cape Wash
Thornton Pt
Quaker Head
CROSS I NARROWS
MACHIAS BAY
Dogfish Rocks
Northwest Hbr
Mink I
CROSS ISLAND
Spruce Pt
GRAND MANAN CHANNEL
TERRITORIAL SEA AND CONTIGUOUS ZONE (see note X)
UNITED STATES CANADA
(CONTINUED ON CANADIAN CHART 4340)
Hay Pt
GRAND MANAN I (CANADA)
Southern Cross (pinnacle rock)
Southwest Head
MacGregors Reef
Southern Reef
Middle Shoal
Breaks in heavy weather
Tide Rips
North Rock
North Shoal
Flowers Rock
Machias Seal I
Fl 3sec 82ft 17M HORN Canada maintd
Southeast Shoal
Little Shoal
Crack Grounds
Cronk Grounds
LOCAL MAGNETIC DISTURBANCE
Magnetic disturbance has been reported in the vicinity of latitude 44°31.5′N., longitude 66°55′W.
Bull Rock
"BULL ROCK XA1" Fl G WHISTLE
Guptill Grounds
Leems Shoal
Pollock Shoal
Middle Breaker
Southeast Ledge
GULF OF MAINE
VAR 19°30′W (1990) NO ANNUAL CHANGE
VAR 19°15′W (1990) NO ANNUAL CHANGE
MAGNETIC
(JOINS CHART 13326)
(CONTINUED ON CANADIAN CHART 4334)
(Inner neatline 112.28cm. N.S. x 83.46cm. E.W.)
Nautical Miles
Yards

NATIONAL OCEAN SERVICE

UNITED STATES - EAST COAST

MAINE

WEST QUODDY HEAD TO CROSS ISLAND

Mercator Projection
Scale 1:40,000 at Lat. 44°39′
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER IN U.S. TERRITORY
AND IN CANADIAN AREAS OF LUBEC CHANNEL
LOWEST NORMAL TIDES IN OTHER CANADIAN TERRITORY
See note B

TIDAL INFORMATION

Place Name	(LAT/LONG)	Mean Higher High Water	Mean High Water	Mean Low Water	Extreme Low Water
		feet	feet	feet	feet
West Quoddy Head	(44°49′N/66°59′W)	16.5	16.1	0.4	-4.5
Moose Cove	(44°44′N/67°06′W)	15.6	15.2	0.4	-4.5
Cutler, Little River	(44°39′N/67°13′W)	14.2	13.8	0.3	-4.5

(490)

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).

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.

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	Gp group	N nun	Rot rotating
B black	IQ interrupted quick	OBSC obscured	s seconds
Bn beacon	Iso isophase (E Int)	Oc occulting	SEC sector
C can	LT HO lighthouse	Or orange	St M statute miles
DIA diaphone	M nautical mile	Q quick	VQ very quick
E Int equal interval (Iso)	m minutes	R red	W white
F fixed	MICRO TR microwave tower	Ra Ref radar reflector	WHIS whistle
Fl flashing	Mkr marker	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
ED existence doubtful	PA position approximate	Rep reported

Subm submerged

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.

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.

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 1. Additions or revisions to Chapter 2 are published in the Notices to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 1st Coast Guard District in Boston, Mass., or at the Office of the Division Engineer, Corps of Engineers in Waltham, Mass.
Refer to charted regulation section numbers.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.
During some winter months or when endangered by ice, certain aids to navigation are replaced by other types or removed. For details see U.S. Coast Guard Light List.

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 0.283″ northward and 2.054″ eastward to agree with this chart.

HEIGHTS

Heights in feet above Mean High Water.

AUTHORITIES

Hydrography and topography by the National Ocean Service, Charting and Geodetic Services with additional data from the Corps of Engineers, Geological Survey, U.S. Coast Guard, and Canadian Charts.

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 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)

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.

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 1 for important supplemental information.

LOGARITHMIC SPEED SCALE

To find SPEED, place one point of dividers on distance run (in any unit) and the other on minutes run. Without changing divider spread, place right point on 60 and left point will then indicate speed in units per hour. Example: with 4.0 nautical miles run in 15 minutes, the speed is 16.0 knots

COLREGS, 80.105 (see note A)
International Regulations for Preventing Collisions at Sea, 1972.
The entire area of this chart falls seaward of the COLREGS Demarcation Line.

1P Vessel Traffic Services calling-in point with numbers; arrow indicates direction of vessel movement.

NOTE B

Soundings on the Canadian side of the International Boundary Line and northward of the magenta limit line at Gooseberry Point are referred to Mean Lower Low Water.

15th Ed., Mar. 23/91

CAUTION

This chart has been corrected from the Notice to Mariners published weekly by the Defense Mapping Agency Hydrographic/Topographic Center and the Local Notice to Mariners issued periodically by each U.S. Coast Guard district to the date shown in the lower left hand corner.

LITIGATION/COPY

SOUNDINGS IN FEET

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

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

(West Quoddy Head to Cross Island)
SOUNDINGS IN FEET - SCALE 1:40,000

DMA STOCK NO. 13XHA13327