13209

SOUNDINGS IN FEET

Nautical Chart Catalog No. 1, Panel G

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 Chief, Marine Chart Division (NCS2), National Ocean Service, NOAA, Silver Spring, Maryland 20910 - 3282.

CAUTION
SUBMARINE PIPELINES AND CABLES
Charted submarine pipelines and submarine cables and submarine pipeline and cable areas are shown as:

Pipeline Area — Cable Area

Additional uncharted submarine pipelines and submarine cables may exist within the area of this chart. Not all submarine pipelines and submarine cables are required to be buried, and those that were originally buried may have become exposed. Mariners should use extreme caution when operating vessels in depths of water comparable to their draft in areas where pipelines and cables may exist, and when anchoring, dragging or trawling.

Covered wells may be marked by lighted or unlighted buoys.

Formerly C&GS 362, 1st Ed., July 1951

HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum 1983 (NAD 83) and 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 0.355" northward and 1.728" eastward to agree with this chart.

(CONTINUED ON CHART 13214)

(CONTINUED ON CHART 13212)

(CONTINUED ON CHART 13211)

(CONTINUED ON CHART 13205)

(CONTINUED ON CHART 12358)

(LONG CHART 13210)

Nautical Miles
Yards

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

SOURCE

a	1943	NOS Surveys	1 : 5,000
b	1966-90	NOS Surveys	1 : 10,000
c	1962-84	NOS Surveys	1 : 20,000
d	1943-75	NOS Surveys	1 : 40,000
e	1975-87	Corps of Engineers Surveys	
f		Miscellaneous Surveys	

SOURCE DIAGRAM
The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Charted hydrography may originate from these and prior surveys.

LONG ISLAND SOUND

BLOCK ISLAND SOUND

GARDINERS BAY

NAPEAGUE BAY

GARDINERS ISLAND

Fishers Island
Elizabeth Field
Prospect
Point Lookout
Race Rock
Valiant Rock
Cable Area (Hydrophones)
Great Gull I
Little Gull Island
Plum Gut
Orient Point
Plum I
Constellation Rock
Cerberus Shoal
Middle Ground
Middle Ground Flat
Gardiners Point
Ruins
Bostwick Pt
Eastern Plain Pt
Crow Shoal
Great Peconic Bay
Little Peconic Bay
Northwest Harbor
Threemile Harbor
Meadstone Park
Cedar Point
Nichols Pt
Ram Head
Dangerous Rk
Napeague Harbor
Hither Hills State Park
Hither Hills Beach
Promised Land
Napeague Beach
Beach Hampton
Amagansett
Fresh Pond
Marsh
Sand Spit
Gravelly Beach
Grassy Hollow
Culloden Pt
Montauk
Lake Montauk
Montauk Harbor
Montauk Pt
Oyster Pond
Fort Pond Bay
Fort Pond
Block Island
Sandy Beach
Old Harbor
Great Salt Pond
Great Salt Pond Bay
Block Island Harbor
Old Harbor Point
Sandy Point
Clay Head
Mohegan Bluffs
Southeast Light
Southwest Ledge
Black Rock
Grace Cove
Cooneymus Point
Payne Hill Pt
Barnfield Pt
Hallock Bay
Browns Pt
Long Beach
Bens Pt
Orient Beach
Orient Point
Marsh
Plum Island is U.S. Government property and is closed to the public.
Fishers Island Light
Fishers Island Harbor
Fishers Island Lt
Fort Terry
Plum I Rock
Plum I Rk
Plum Gut Harbor
Little Gull Island Light
Great Gull I Light
Valiant Rock Light
Race Rock Light
Cable Area
Cable Area (Hydrophones)
Middle Ground Flat Light
Middle Ground Light
Gardiners Point Light
Bostwick Bay
Eastern Plain Pt
Crow Shoal
Great Peconic Bay
Little Peconic Bay
Northwest Harbor
Threemile Harbor
Meadstone Park
Cedar Point
Nichols Pt
Ram Head
Dangerous Rk
Napeague Harbor
Hither Hills State Park
Hither Hills Beach
Promised Land
Napeague Beach
Beach Hampton
Amagansett
Fresh Pond
Marsh
Sand Spit
Gravelly Beach
Grassy Hollow
Culloden Pt
Montauk
Lake Montauk
Montauk Harbor
Montauk Pt
Oyster Pond
Fort Pond Bay
Fort Pond
Block Island
Sandy Beach
Old Harbor
Great Salt Pond
Great Salt Pond Bay
Block Island Harbor
Old Harbor Point
Sandy Point
Clay Head
Mohegan Bluffs
Southeast Light
Southwest Ledge
Black Rock
Grace Cove
Cooneymus Point
Payne Hill Pt
Barnfield Pt
Hallock Bay
Browns Pt
Long Beach
Bens Pt
Orient Beach
Orient Point
Marsh
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Fishers Island Harbor
Fishers Island Lt
Fort Terry
Plum I Rock
Plum I Rk
Plum Gut Harbor
Little Gull Island Light
Great Gull I Light
Valiant Rock Light
Race Rock Light
Cable Area
Cable Area (Hydrophones)
Middle Ground Flat Light
Middle Ground Light
Gardiners Point Light
Bostwick Bay
Eastern Plain Pt
Crow Shoal
Great Peconic Bay
Little Peconic Bay
Northwest Harbor
Threemile Harbor
Meadstone Park
Cedar Point
Nichols Pt
Ram Head
Dangerous Rk
Napeague Harbor
Hither Hills State Park
Hither Hills Beach
Promised Land
Napeague Beach
Beach Hampton
Amagansett
Fresh Pond
Marsh
Sand Spit
Gravelly Beach
Grassy Hollow
Culloden Pt
Montauk
Lake Montauk
Montauk Harbor
Montauk Pt
Oyster Pond
Fort Pond Bay
Fort Pond
Block Island
Sandy Beach
Old Harbor
Great Salt Pond
Great Salt Pond Bay
Block Island Harbor
Old Harbor Point
Sandy Point
Clay Head
Mohegan Bluffs
Southeast Light
Southwest Ledge
Black Rock
Grace Cove
Cooneymus Point
Payne Hill Pt
Barnfield Pt
Hallock Bay
Browns Pt
Long Beach
Bens Pt
Orient Beach
Orient Point
Marsh

COLREGS DEMARCATION LINE
80.165n (see note A)

THREEMILE HARBOR
Channels marked by privately maintained buoys from May to November.

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.

SMALL CRAFT WARNINGS
Small craft warnings will be displayed from sunrise to sunset from Suffolk County Marine Police Patrol Base underway in the coastal and navigable inland waters of Suffolk County Long Island New York. For boating season only.

For Symbols and Abbreviations see Chart No. 1

COLREGS: International Regulations for Preventing Collisions at Sea, 1972.
Demarcation lines are shown thus: – – – –

TIDAL INFORMATION

Place Name	(LAT./LONG.)	Height referred to datum of soundings (MLLW) Mean Higher High Water (feet)	Mean High Water (feet)	Mean Low Water (feet)	Extreme Low Water (feet)
Little Gull Island	(41°12'N/72°06'W)	2.6	2.4	0.2	-3.0
Plum Gut Harbor	(41°10'N/72°12'W)	3.1	2.9	0.2	-3.2
Cedar Point	(41°02'N/72°19'W)	3.0	2.7	0.2	-3.0
Promised Land	(41°00'N/72°03'W)	2.6	2.3	0.2	-2.5
Napeague Harbor, Fort Pond Bay	(41°01'N/71°57'W)	2.8	2.5	0.2	-2.7
Montauk Harbor, Entrance	(41°04'N/71°56'W)	2.8	2.6	0.2	-2.7
Montauk Point	(41°04'N/71°52'W)	2.8	2.6	0.1	-2.5

(1294)

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

NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 2. 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, Massachusetts, or at the Office of the District Engineer, Corps of Engineers in New York, New York.
Refer to charted regulation section numbers.

FISH TRAP AREAS
Boundary lines of fish trap areas are shown thus:
Caution: Submerged piling may exist in these areas.

HEIGHTS
Heights in feet above Mean High Water

SUPPLEMENTAL INFORMATION
Consult U.S. Coast Pilot 2 for important supplemental information.

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).

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:
(AM)Aeronautical radiobeacon (Approximate location)

UNITED STATES – EAST COAST
NEW YORK – LONG ISLAND

BLOCK ISLAND SOUND AND GARDINERS BAY

Mercator Projection
Scale 1:40,000 at Lat. 41°07'
North American Datum of 1983
(World Geodetic System 1984)
SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

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

CAUTION
Mariners are warned to stay clear of the protective zone surrounding navigational light structures shown thus:

CAUTION
Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

NOTE B
DANGER AREA
The U.S. Naval Aircraft Gardiners Point Target. U.S. Government property prohibited to the public. Area is dangerous due to live undetonated explosives. Fishing, trawling, or anchoring within a 300 yard radius of the "Ruins" is dangerous due to possible recovery of aircraft practice bombs containing explosives.

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.

NOAA VHF-FM WEATHER BROADCASTS
The National Weather Service stations listed below provide continuous marine weather broadcasts. The range of reception is variable, but for most stations is usually 20 to 40 miles from the antenna site.

New London, Conn.	KHB-47	162.55 MHz
Providence,R.I.	WXJ-39	162.40 MHz
Meriden, Conn.	WXJ-42	162.40 MHz
Riverhead, N.Y.	WXM-80	162.475 MHz

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.

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

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13209

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

Nautical Miles
Yards

SOUNDINGS IN FEET

FATHOMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
FEET	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
METERS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

(Block Island Sound and Gardiners Bay)
SOUNDINGS IN FEET – SCALE 1:40,000

13209

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SAN DIEGO, MD