Formerly C&GS 222, 1st Ed., Sep. 1920 C-1505-196 KAPP 2189

12367

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

A	1990-1998	NOS Surveys	full bottom coverage
B1	1990-1998	NOS Surveys	partial bottom coverage

LOGARITHMIC SPEED SCALE

1 2 3 4 5 6 7 8 9 10 15 20 25 30 40 50 60

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.

SCALE 1:20,000

Nautical Miles

Yards

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 2. 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, First Coast Guard District in Boston, MA or at the Office of the District Engineer, Corps of Engineers in Concord, MA or New York, NY.

Refer to charted regulation section numbers.

NOTE Z

NO-DISCHARGE ZONE, 40 CFR 140

This chart falls entirely within the limits of a No-Discharge Zone (NDZ). Under the Clean Water Act, Section 312, all vessels operating within a No-Discharge Zone (NDZ) are completely prohibited from discharging any sewage, treated or untreated, into the waters. All vessels with an installed marine sanitation device (MSD) that are navigating, moored, anchored, or docked within a NDZ must have the MSD disabled to prevent the overboard discharge of sewage (treated or untreated) or install a holding tank. Regulations for the NDZ are contained in the U.S. Coast Pilot. Additional information concerning the regulations and requirements may be obtained from the Environmental Protection Agency (EPA) web site: http://www.epa.gov/owow/oceans/regulatory/vessel_sewage/.

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.

THE NATION'S CHARTMAKER SINCE 1807

UNITED STATES - EAST COAST

CONNECTICUT - NEW YORK

NORTH SHORE OF LONG ISLAND SOUND

GREENWICH POINT TO NEW ROCHELLE

Mercator Projection
Scale 1:20,000 at Lat. 40°58'

North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

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

HEIGHTS

Heights in feet above Mean High Water.

AUTHORITIES

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

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 0.350" northward and 1.538" eastward to agree with this chart.

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 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

RACING BUOYS

Racing buoys within the limits of this chart are not shown hereon. Information may be obtained from the U.S. Coast Guard District Offices as racing and other private buoys are not all listed in the U.S. Coast Guard Light List.

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)

CAUTION

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

TIDAL INFORMATION

PLACE NAME (LAT/LONG)	Height referred to datum of soundings (MLLW) Mean Higher High Water		Mean High Water	Mean Low Water
	feet		feet	feet
Stamford (41°03'N/73°33'W)	8.1		7.9	0.3
Cos Cob Harbor (41°01'N/73°36'W)	7.8		7.5	0.3
Great Captain Island (40°59'N/73°37'W)	7.9		7.6	0.3
New Rochelle (40°54'N/73°47'W)	7.9		7.5	0.3

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

(Dec 2015)

PORT CHESTER HARBOR CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 2014

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT MILES)	DEPTH (FEET)
REACH A	9.4	10.2	1.5	7-14	150-100	0.6	12
REACH B	1.4	4.0	5.2	7-14	100	0.8	10
REACH C	1.0	1.4	0.5	7-14	100-115	0.1	3
ANCHORAGE AREA	2.5	2.5	2.5	7-14	0-380	0.44	12

A. ANCHORAGE AREA IS IN ACRES

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

MAMARONECK HARBOR CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2015

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT MILES)	DEPTH (FEET)
REACH A - ENTRANCE CHANNEL TO GP 90' W 25.0' N - 70' 45' 18.0" W	9.1	9.1	9.1	4-15	100	0.28	10
REACH B - MAIN CHANNEL TO JUNCTION OF EAST AND WEST BRANCHES	9.1	9.4	9.5	4-15	80-100	0.27	10
REACH C - EAST BRANCH TO HEAD OF PROJECT		7.6 A		4-15	80	0.43	10
REACH E - WEST BRANCH CHANNEL		8.3 A		4-15	80	0.3	6
REACH F - WEST BASIN		8.1		4-15	Irregular	0.05 / 0.08	6
REACH G - EAST BASIN 10/F7 ANCHORAGE		9.1		4-15	Irregular	0.55 / 0.08	10

A. 80% OF CHANNEL WIDTH.

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION.

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)

Aids to Navigation (lights are white unless otherwise indicated):

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

Bottom characteristics:

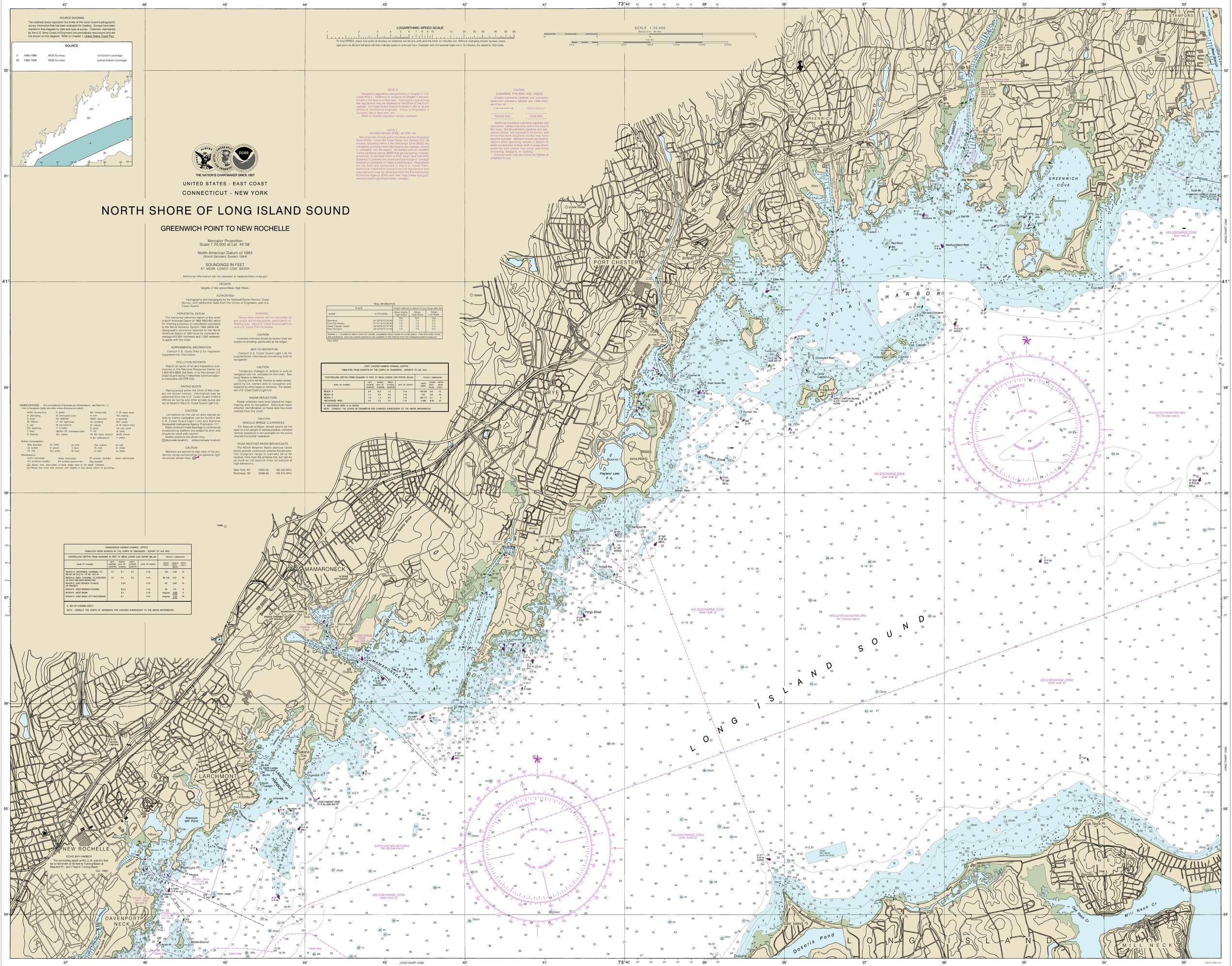
Bld boulders
bk broken
Cy clay
Co coral
G gravel
Gls grass
gr gray
h hard
M mud
Oys oysters
Rk rock
S sand
so soft
Sh shells
sy sticky

Miscellaneous:

AUTH authorized
ED evidence doubtful
Obstn obstruction
PA position approximate
PD position doubtful
Rep reported
Submn submerged

Wreck, rock, obstruction, or shoal swept clear to the depth indicated.

Rocks that cover and uncover, with heights in feet above datum of soundings.



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: 12/2/2015. Cleared through:
LNM: 0316 (1/19/2016), NM: 0416 (1/23/2016), CHS: 1215 (12/25/2015)

To ensure that this chart was printed at the proper scale, the line below should measure six inches (152 millimeters).
If the line does not measure six inches (152 millimeters), this copy is not certified safe for navigation.

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 (N/CS2), National Ocean Service, NOAA, Silver Spring, Maryland 20910-3282.

SCALE 1:20,000

Nautical Miles

Yards

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

FATHOMS 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22
FEET 0 3 6 9 12 15 18 21 24 27 30 33 36 39 42 45 48 51 54 57 60 63 66
METERS 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20