12402

1st Edition May, 1968 KAPP 2247

SOUNDINGS IN FEET

THE NATION'S CHARTMAKER SINCE 1807

UNITED STATES - EAST COAST

NEW YORK

NEW YORK LOWER BAY

NORTHERN PART

Mercator Projection
Scale 1:15,000 at Lat. 40°34'

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.

For Symbols and Abbreviations see Chart No. 1

TIDAL INFORMATION

PLACE	Height referred to datum of soundings (MLLW)			
NAME	(LATITUDE/LONGITUDE)	Mean High Water	High Water Inequality	Mean Low Water
Norton Point, Gravesend Bay	(40°35'N/74°00'W)	5.3	0.0	0.2
Fort Hamilton	(40°38'N/74°02'W)	5.2	4.9	0.2

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. Prog 2016

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 governing the anchorages in the area hereon, Hudson, 1st Coast Guard District in Boston, MA or at the Office of the District Engineer, Corps of Engineers in New York, NY.
Refer to charted regulation section numbers.

NOTE C

The U.S. Coast Guard maintains a mandatory Vessel Traffic Services (VTS) system in the New York Bay and surrounding areas. Vessel operating procedures and designated radiotelephone frequencies are published in 33 CFR 161; the U.S. Coast Pilot, and/or the VTS User's Manual. Mariners should consult these sources for applicable rules and regulations governing vessel operations. Vessel participation is limited to the navigable waters of the United States, certain vessels are encouraged or may be required, as a condition of port entry, to report beyond this area to facilitate vessel traffic management within the VTS area.

NOTE E

PRECAUTIONARY AREA

Traffic within the Precautionary Area may consist of vessels making the transition between operating in Ambrose or Sandy Hook Channels and one of the traffic lanes. Mariners are advised to exercise extreme care in navigating within this area.

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.

ANCHORAGE AREAS

110.155 (see note A)

Limits and assigned numbers of anchorage areas are shown in magenta.

24 25 28 GENERAL ANCHORAGES

STATEN ISLAND LT
F 22NR
Fl 22MR

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, Geological Survey, and U.S. Coast Guard.

SUPPLEMENTAL INFORMATION

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

AIDS TO NAVIGATION

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

FISH TRAP AREAS

Boundary lines of fish trap areas are shown thus:
Pots
Submerged piling may exist in these areas.

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)

LOWER BAY CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 2016
AND SURVEYS TO JUN 2015

NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW) LEFT QUARTER	LEFT QUARTER	RIGHT QUARTER	RIGHT QUARTER	DATE OF SURVEY	PROJECT DIMENSIONS WIDTH (FEET)	DEPTH (FEET)	DEPTH BLWD. (FEET)
AMBROSE CHANNEL REACH B	54.1	52.0	53.0	49.2	5-8-15	2000	4.0	50
AMBROSE CHANNEL REACH C	52.1	52.5	52.8	49.6	5-8-15	2000	3.8	50
AMBROSE CHANNEL REACH D	50.8	54.8	54.7	53.5	5-8-15	2000	2.9	50
CHAPEL HILL SOUTH CHANNEL (N)	37.6	38.1	38.4	37.4	10-11-14	1000	0.2	40
CHAPEL HILL NORTH CHANNEL (N)	31.6	35.0	35.4	27.0	10-11-14	1000	0.2	40

A. SPORADIC SHOAL OBSTRUCTIONS EXIST WITHIN THE CHANNEL BUT ARE NOT CHARTED. CONSULT THE CORPS OF ENGINEERS FOR LOCATION OF OBSTRUCTIONS.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE 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).

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See U.S. Coast Guard Light List.
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.

CAUTION

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

RACING BUOYS

Racing buoys within the limits of this chart are not shown. Information on racing buoys is 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

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

NOAA WEATHER RADIO BROADCASTS

The NOAA Weather Radio station listed below provides continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

New York, NY KWO-35 162.550 MHz

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 0.219" northward and 1.404" eastward to agree with this chart.

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.

NOTE B

A breaking maintenance platform, when in operation, reduces the vertical clearances by 15 feet.

NOTE F
GREAT KILLS HARBOR

Great Kills Channel and Harbor are subject to continual change due to silting. Buoys may be frequently relocated to mark best water.

NOTE D

Numerous uncharted pilings may exist throughout Great Kills Harbor.

NOTE X

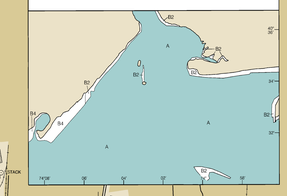
Within the 12-nautical mile Territorial Sea, established by Presidential Proclamation, some Federal laws apply. The Three Nautical Mile Line, previously identified as the outer limit of the territorial sea, is now the inner limit of the contiguous zone and the limit of the other laws. The 9-nautical 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.

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	1990-2014	NOS Surveys	full bottom coverage
B2	1970-1989	NOS Surveys	partial bottom coverage
B4	1900-1939	NOS Surveys	partial bottom coverage



SCALE 1:15,000
Nautical Miles
Yards
Meters

CONTINUED ON CHARTS 12327 & 12331

CONTINUED ON CHART 12327

JOINS CHART 12401

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 weekly by the 1st Coast Guard District. Users should determine the date 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.

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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NATIONAL OCEAN SERVICE
COAST SURVEY

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*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.

SOUNDINGS IN FEET

FATHOMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
METERS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

New York Lower Bay - Northern Part
SOUNDINGS IN FEET - SCALE 1:15,000

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