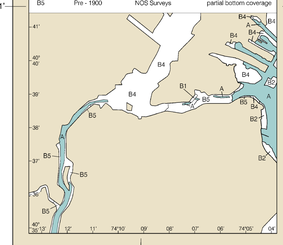
SOURCE DIAGRAM

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	1990-2013	NOS Surveys	full bottom coverage
B1	1990	NOS Surveys	partial bottom coverage
B2	1970-1989	NOS Surveys	partial bottom coverage
B4	1900-1939	NOS Surveys	partial bottom coverage
B5	Pre - 1900	NOS Surveys	partial bottom coverage



NOTE B

The U.S. Coast Guard operates 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. The entire area of the chart falls within the Vessel Traffic Services (VTS) system.

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.

ANCHORAGE AREAS

110.155 (see note A)

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

GENERAL ANCHORAGES

20F 20G 23A 23B 24 41

SCALE 1:15,000

Nautical Miles 0 ½ 1

Statute Miles 0 ½ 1

Yards 500 0 500 1000 1500

Meters 500 0 500 1000 1500

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, 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.

PROJECT DEPTHS

Channel legends and tabulations, where indicated, reflect the U.S. Army Corps of Engineers (USACE) project depths. The channel may be significantly shoaler, particularly at the edges. For detailed channel information and minimum depths as reported by USACE, use NOAA Electronic Navigational Charts. USACE surveys and channel condition reports are available at http://navigation.usace.army.mil/Survey/Hydro.

CONTINUED ON CHART 12337

CONTINUED ON CHART 12334

JOINS CHART 12331

PORT NEWARK

NEWARK AIRPORT

Marine Terminal

PORT ELIZABETH

Marine Terminal

JERSEY CITY

Hudson County Park

NEWARK BAY

Global Marine Terminal

Bayonne City Park

CONSTABLE HOOK

Port Johnson

BERGEN POINT

ELIZABETHPORT

SHOOTERS ISLAND

Howland Hook

Port Ivory

New York Container Terminal

MARINERS HARBOR

ARLINGTON

ELM PARK

PORT RICHMOND

WEST NEW BRIGHTON

TOMPKINSVILLE

NEW BRIGHTON

ST GEORGE

SAILORS SNUG HARBOR

STAPLETON

CLIFTON

ROSEBANK

OLD PLACE

Gulfport

BLOOMFIELD

GRASSELLI

PRALLS I

CHELSEA

TRAVIS

CARTERET

TREMLEY POINT

Elizabeth River

Bay Bay

Morses Creek

Old Place Creek

Pralls Creek

Rahway River

Main Creek

Springhouse Creek

Mariners Creek

Peck Creek

KILL VAN KULL

ARTHUR KILL

S T A T E N I S L A N D

SAFETY AND SECURITY ZONE 165.169 (see note A)

SPECIAL 4 ANCHORAGE 110.1, 110.60 (see note A)

NEW YORK VESSEL TRAFFIC SERVICES AREA (see note B)

NEWARK BAY CHANNEL AND BRANCH PROJECT DEPTH 40 FEET (see note)

NEWARK BAY CHANNEL EXTENSION PROJECT DEPTH 40 FEET (see note)

NEWARK BAY-PORT JERSEY CHANNEL PROJECT DEPTH 40 FEET (see note)

NEWARK BAY-PORT JERSEY CHANNEL PROJECT DEPTH 50 FEET (see note)

NEWARK BAY-ELIZABETH CHANNEL PROJECT DEPTH 40 FEET (see note)

NORTH OF SHOOTERS ISLAND REACH PROJECT DEPTH 50 FEET (see note)

ISLAND REACH PROJECT DEPTH 40 FT (see note)

BERGEN POINT WEST REACH PROJECT DEPTH 50 FEET (see note)

BERGEN POINT EAST REACH PROJECT DEPTH 50 FEET (see note)

CONSTABLE HOOK REACH PROJECT DEPTH 50 FEET (see note)

ELIZABETHPORT REACH PROJECT DEPTH 50 FEET (see note)

PRALLS ISLAND REACH PROJECT DEPTH 35 FEET (see note)

PRINCES BAY REACH PROJECT DEPTH 40 FEET (see note)

ARTHUR KILL CHANNEL PROJECT DEPTH 40 FEET (see note)

ARTHUR KILL CHANNEL PROJECT DEPTH 35 FEET (see note)

ARTHUR KILL CHANNEL PROJECT DEPTH 50 FEET (see note)

ANCHORAGE AREA 110.155 (see note A)

RESTRICTED NAVAL AREA 334.85 (see note A)

UNITED STATES - EAST COAST

NEW YORK - NEW JERSEY

KILL VAN KULL AND NORTHERN PART OF ARTHUR KILL

Mercator Projection
Scale 1:15,000 at Lat. 40°35'

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.

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 0.372" northward and 1.483" eastward to agree with this chart.

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).

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.

CAUTION

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

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.

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)
St. George	(40°39'N/74°04'W)	5.0	4.7	0.2
Port Newark	(40°41'N/74°08'W)	5.7	5.3	0.2
Chelsea	(40°36'N/74°12'W)	5.6	5.2	0.2
Port Elizabeth	(40°40'N/74°08'W)	5.6	5.2	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.

(Nov 2012)

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.

SUPPLEMENTAL INFORMATION

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

CAUTION

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

CAUTION

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

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; Mkr marker; Mo morse code; N nun; OBSC obscured; Oc occulting; Or orange; Q quick; R red; Ra Ref radar reflector; R Bn radiobeacon; R TR radio tower; Rot rotating; s seconds; SEC sector; St M statute miles; VQ very quick; W white; WHIS whistle; Y yellow

Bottom characteristics:

Blds boulders; bk broken; Cy clay; Co coral; gr gray; G gravel; Grs grass; Oys oysters; Pk rock; S sand; sft soft; Sh shells; sy sticky; M mud; H hard

Miscellaneous:

AUTH authorized; ED existence doubtful; Obscn obstruction; PA position approximate; PD position doubtful; Rep reported; Subm submerged

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.

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, N.Y. KWO-35 162.550 MHz

COAST SURVEY

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

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

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	2	4	5	7	9	11	13	15	16	18	20	22	24	25	27	29	31

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.

This chart is canceled. No new editions will be issued.

38th Ed., Jan. 2020. Last Correction: 11/8/2023. Cleared through:
LNM: 0324 (1/16/2024), NM: 0424 (1/27/2024), CHS: 1223 (12/29/2023)

To ensure that this chart was printed at the proper scale, the line below should measure six inches (152 millimeters).

814.3 X 915.0 mm

Shiloh Rifle 223 Wylde 1:8 stainless pinned chrome lined 416r 18in pencil profile 20rd Magpul PRS stock Anthem Tactical