74°06'W

74°03'W

74°W

40° 27' N

NOT FOR NAVIGATION

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
OFFICE OF COAST SURVEY

OPR-B310-KR-13, H12889

New York Lower Bay, New Jersey

Sandy Hook Bay

REMARKS:
- Depths in Feet
- Additional data and products for this survey available http://www.ncei.noaa.gov
- Isolated features such as rocks, wrecks, and obstructions are not portrayed on this product
- Read attached H12889_read_me.txt for additional information

THE NATION'S CHARTMAKER SINCE 1807

STATES - EAST COAST

JERSEY - NEW YORK

RK LOWER BAY

UTHERN PART

Mercator Projection
ale 1:15,000 at Lat. 40°28'

h American Datum of 1983
World Geodetic System 1984)

SOUNDINGS IN FEET
MEAN LOWER LOW WATER

bols and Abbreviations see Chart No. 1

onal Regulations for Preventing Collisions at Sea, 1972.
station lines are shown thus: — — —

HEIGHTS
hts in feet above Mean High Water.

ion can be obtained at nauticalcharts.noaa.gov.

AUTHORITIES
topography by the National Ocean Service, Coast
al data from the Corps of Engineers, Geological
uard, and National Geospatial-Intelligence Agency.

TIDAL INFORMATION

(LAT/LONG)	Mean Higher High Water	Mean High Water	Mean Low Water
	Height referred to datum of soundings (MLLW)		
	feet	feet	feet
40°25'N/74°02'W)	5.2	4.9	0.2
40°28'N/74°01'W)	5.2	4.9	0.2

n unavailable datum values for a tide station. Real-time water levels,
available on the Internet from http://tidesandcurrents.noaa.gov.

SOURCE DIAGRAM
ent the limits of the most recent hydrographic
been evaluated for charting. Surveys have been
date and type of survey. Channels maintained

PLANE COORDINATE GRID
(based on NAD 1927)
The New Jersey State Grid is indicated by ticks at 5,000 foot intervals shown thus: +—+
The last three digits are omitted.

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 retained as it continues to depict the jurisdictional 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.

ACKNOWLEDGEMENT
The National Ocean Service acknowledges the exceptional cooperation received from members of the United States Power Squadron, District 4, in continually providing essential information for revising this chart.
Also acknowledged is assistance provided by the Maritime Authority for the Port of New York/New Jersey.

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).

BELFORD HARBOR
The controlling depth from the channel entrance 74°04'56.0"W; thence 40°26'00.6"N, 74°04' 60 feet to the end of t

LEONARDO HARBOR CHANNEL
The controlling depth was 5 ½ feet for a mid-width of 75 feet from the channel entrance (40°25'47"N, 74°03'21"W) to approximately 650 ft seaward of the bulkhead, thence 1 ¼ ft for a width of 150 feet to the boat basin (40°25'25"N, 74°03'38"W).
Feb 2014

HURRICANES AND TROPICAL STORMS
Hurricanes, tropical storms and other major storms may cause considerable damage to marine structures, aids to navigation and moored vessels, resulting in submerged debris in unknown locations.
Charted soundings, channel depths and shoreline may not reflect actual conditions following these storms. Fixed aids to navigation may have been damaged or destroyed. Buoys may have been moved from their charted positions, damaged, sunk, extinguished or otherwise made inoperative. Mariners should not rely upon the position or operation of an aid to navigation. Wrecks and submerged obstructions may have been displaced from charted locations. Pipelines may have become uncovered or moved.
Mariners are urged to exercise extreme caution and are requested to report aids to navigation discrepancies and hazards to navigation to the nearest United States Coast Guard unit.

NOTE D
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.

SANDY HOOK CHANNEL (BAYSIDE)
FALSE HOOK CHANNEL
SANDY HOOK
TERMINAL CHANNEL (New Jersey)
Port Monmouth
Belford
Belford Harbor (Shoal Harbor)
Leonardo
Leonardo Harbor
Atlantic Highlands
Navesink Park
Spermaceti Cove
Ideal Beach
Wave Creek
Compton Creek
Raritan Bay Light 3(w) Iso 6s 88ft 8M HORN
SANDY HOOK PT LT Iso 6s 38ft 13M
SANDY HOOK LT F 88ft 19M
RADIO TOWER
STANDPIPE
FLAGPOLE
CG STATION
CUPOLA
TANK TOWER
Shoreline and hydrography subject to change
28 FT MAR 2013
SECURITY ZONE 165.130 (see note A)
SECURITY ZONE (see note A)
RESTRICTED AREA 334.102 (see note A)
RESTRICTED AREA 334.100 (see note A)
Pipeline Area
Cable Area
Anchorage Area
Submerged Piling
Marsh
Mud
Obstn
Subm pipe
Subm piles
Subm stakes
Subm pier ruins
Piles
Ruins
Wreck
Cove
Creek
Channel
Ledge
Rock
Shoal
Sand
Bkwtr
Jetty
Groin
Dike
Fish haven
Fish trap
Dolphin
Buoy
Light
Fog det light
Horn
Bell
Gong
Whistle
Radio tower
Radar
Tank
Cupola
Flagpole
Lighthouse
Daybeacon
Lt float
Lt vessel
Lt whistle buoy
Lt bell buoy
Lt gong buoy
Lt horn buoy
Lt whistle
Lt bell
Lt gong
Lt horn
Fog det light
Fog signal
Radio beacon
Racon
Ra reflector
Ra transponder
Ra beacon
Submerged piling
Submerged ruins
Foul area
Foul ground
Overhead cable
Overhead pipeline
Overhead power cable
Overhead telephone cable
Underwater cable
Underwater pipeline
Underwater power cable
Underwater telephone cable
Abandoned
Active
Approximate
Bottom
Bottom sample
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