



UNITED STATES - EAST COAST
NEW YORK - NEW JERSEY

HUDSON RIVER

GEORGE WASHINGTON BRIDGE TO YONKERS

Mercator Projection
Scale 1:10,000 at Lat. 40°54'
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.

TOTAL INFORMATION	
PLACE	Height referred to datum of soundings (MLLW)
NAME	U.S. LIGHTS
Scouten Deyl	4.3
Scouten Deyl	4.0
Scouten Deyl	0.2

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.

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.

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

ABBREVIATIONS (For complete list of symbols and abbreviations, see Chart No. 1.)
Aids to navigation lights are white unless otherwise indicated.

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

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.

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

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.

HORIZONTAL DATUM
The horizontal reference datum of this chart is the 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 1983 must be corrected an average of 0.360' northward and 1.51' eastward to agree with this chart.

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

SOURCE DIAGRAM
The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been conducted in this diagram by date and type of survey. Charted information by the U.S. Army Corps of Engineers are periodically reevaluated and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot.

SOURCE
A 1990-2010 NCS Survey, 1st bottom coverage
B4 1990-1999 NCS Survey, partial bottom coverage

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

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.

POLLUTION REPORTS
Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (not free), or to the nearest U.S. Coast Guard facility. Telephone communication is impossible (33 CFR 153).

SCALE 1:10,000
Nautical Miles
200 0 200 400 600 800 1000 1200
Yards