SOUNDINGS IN FEET

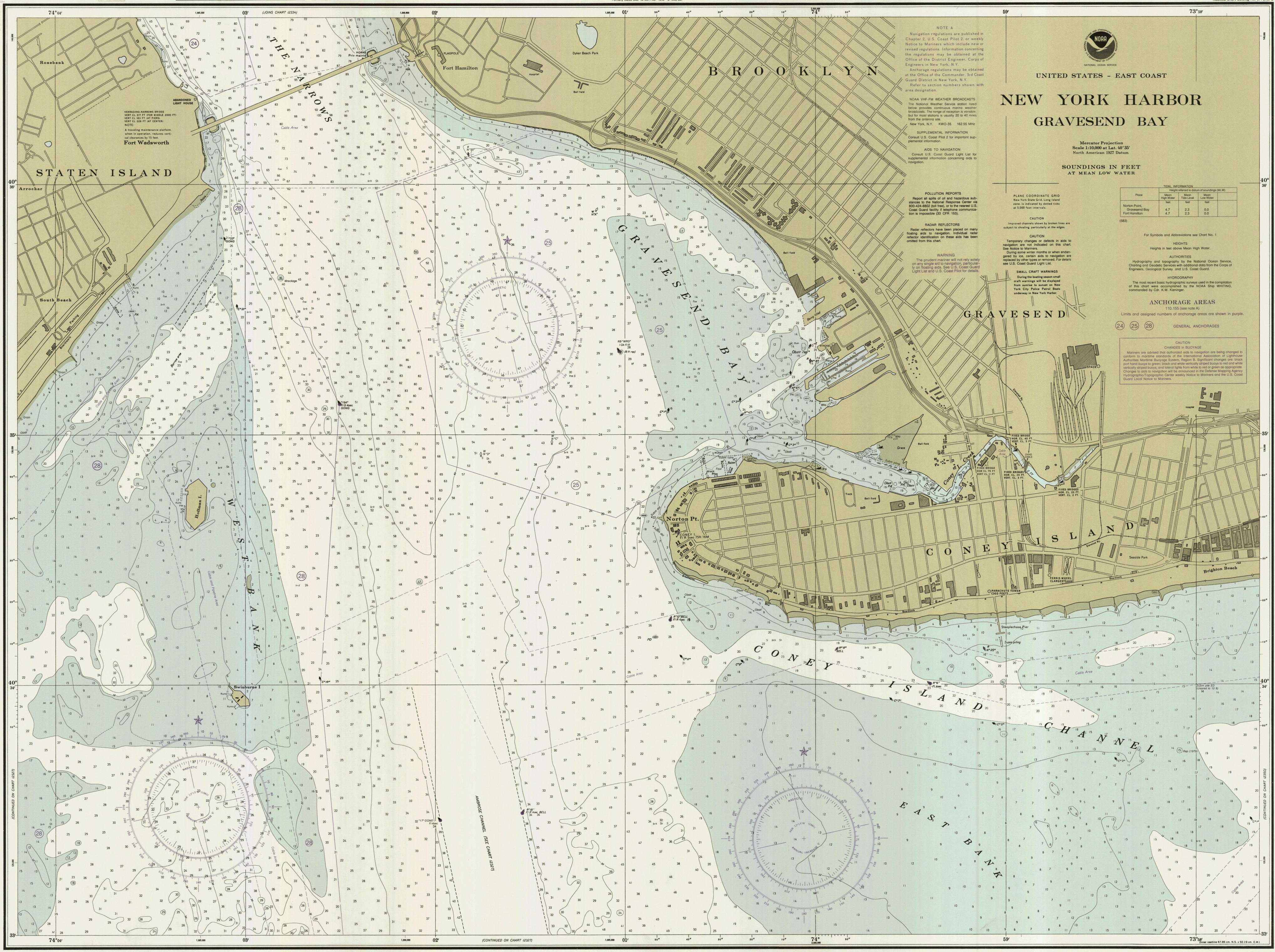
This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Director, Charting and Geodetic Services, Attention: N/CG22, National Ocean Service, NOAA, Rockville, Maryland 20852.

Nautical Mile
Yards
Formerly C&GS 540, 1st Ed., Feb. 1946 C-1946-667

LOGARITHMIC SPEED SCALE
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

Nautical Chart Catalog No. 1, Panel G

12349


74°04′
03′
(JOINS CHART 12334)
02′
01′
74°
59′
73°58′
40° 36′
35′
40° 34′
33′
Rosebank
STATEN ISLAND
Arrochar
South Beach
Fort Wadsworth
ABANDONED LIGHT HOUSE
VERRAZANO-NARROWS BRIDGE
VERT CL 217 FT (FOR MIDDLE 2000 FT)
VERT CL 183 FT (AT PIERS)
VERT CL 229 FT (AT CENTER)
NOTE:
A traveling maintenance platform, when in operation, reduces vertical clearances by 15 feet.
THE NARROWS
Fort Hamilton
Dyker Beach Park
BROOKLYN
GRAVESEND BAY
GRAVESEND
WEST BANK
Hoffman I.
Swinburne I
Norton Pt.
CONEY I. Fl R 5sec 75ft 16M
CONEY ISLAND
Coney I. Creek
Seaside Park
Brighton Beach
FERRIS WHEEL (LARGEST)
PARACHUTE TOWER (303 FEET)
Steeplechase Pier
CONEY ISLAND CHANNEL
EAST BANK
AMBROSE CHANNEL (SEE CHART 12327)
Cable Area
FIXED BRIDGE HOR. CL. 40 FT. VERT. CL. 5 FT.
FIXED BRIDGE HOR CL 75 FT VERT CL 11 FT
FIXED BRIDGES HOR. CL. 26 FT. VERT. CL. 3 FT.
FIXED BRIDGES HOR. CL. 23 FT. VERT. CL. 2 FT.
OVHD CABLE
Subm pile ED (cleared to 10 ft)
(CONTINUED ON CHART 12327)
(CONTINUED ON CHART 12350)
VAR 12°15′W (1981) ANNUAL INCREASE 5′
MAGNETIC

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 2, or weekly Notice to Mariners which include new or revised regulations. Information concerning the regulations may be obtained at the Office of the District Engineer, Corps of Engineers in New York, N.Y.

Anchorage regulations may be obtained at the Office of the Commander, 3rd Coast Guard District in New York, N.Y.

Refer to section numbers shown with area designation.

NOAA VHF-FM WEATHER BROADCASTS

The National Weather Service station listed below provides continuous marine weather broadcasts. The range of reception is variable, but for most stations is usually 20 to 40 miles from the antenna site.

New York, N.Y. KWO-35 162.55 MHz

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.

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 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.

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.

NATIONAL OCEAN SERVICE

UNITED STATES - EAST COAST

NEW YORK HARBOR

GRAVESEND BAY

Mercator Projection
Scale 1:10,000 at Lat. 40°35′
North American 1927 Datum

SOUNDINGS IN FEET
AT MEAN LOW WATER

PLANE COORDINATE GRID

New York State Grid, Long Island zone, is indicated by dotted ticks at 5,000 foot intervals.

CAUTION

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

CAUTION

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

SMALL CRAFT WARNINGS

During the boating season small craft warnings will be displayed from sunrise to sunset on New York City Police Patrol Boats underway in New York Harbor.

TIDAL INFORMATION

Place	Height referred to datum of soundings (MLW)			
	Mean High Water	Mean Tide Level	Mean Low Water	
	feet	feet	feet	
Norton Point, Gravesend Bay	4.7	2.3	0.0	
Fort Hamilton	4.7	2.3	0.0	

(583)

For Symbols and Abbreviations see Chart No. 1

HEIGHTS

Heights in feet above Mean High Water.

AUTHORITIES

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

HYDROGRAPHY

The most recent basic hydrographic surveys used in the compilation of this chart were accomplished by the NOAA Ship WHITING, commanded by Cdr. K.W. Kieninger.

ANCHORAGE AREAS

110.155 (see note A)

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

(24) (25) (28) GENERAL ANCHORAGES

CAUTION

CHANGES in BUOYAGE

Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red or green as appropriate. Changes to aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners.

(Inner neatline 67.86 cm. N.S. x 92.19 cm. E.W.)

DMA STOCK NO. 12BHA12349

9th Ed., Oct. 8/83 ■

12349

CAUTION

This chart has been corrected from the Notice to Mariners published weekly by the Defense Mapping Agency Hydrographic/Topographic Center and the Local Notice to Mariners issued periodically by each U.S. Coast Guard district to the print date shown in the lower left hand corner.

Nautical Mile
Yards

FILE COPY

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

SOUNDINGS IN FEET

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 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

(Gravesend Bay)
SOUNDINGS IN FEET - SCALE 1:10,000

12349

LITIGATION/COPY