Formerly C&GS 1207, 1st Ed., Mar. 1921 - © 1961(51) - KAPP 2008

SOUNDINGS IN FEET

THE NATION'S CHARTMAKER SINCE 1807

UNITED STATES

MASSACHUSETTS - EAST COAST

MASSACHUSETTS BAY

Mercator Projection
Scale 1:80,000 at Lat. 42°20'

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

COLREGS: International Regulations for Preventing Collisions at Sea, 1972.
Demarcation lines are shown thus:

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.

RACING BUOYS
Racing buoys within the limits of this chart are not shown hereon. Information may be 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.

NOTE C
TRAFFIC SEPARATION SCHEME
One-way traffic lanes overprinted on this chart are RECOMMENDED for use by all vessels traveling between the points involved. They have been designed to aid in the prevention of collisions at the approach to Boston Harbor, but are not intended in any way to supersede or alter the applicable Rules of the Road. The separation zone is intended to separate inbound and outbound traffic and to be free of ship traffic. The separation zone should not be used except for crossing purposes. When crossing traffic lanes and the separation zone use extreme caution.

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

MARINER ACTIVATED SOUND SIGNALS
Sound signals labeled with (MRASS) require user activation. See USCG Light List.

HEIGHTS
Heights in feet above Mean High Water.

SUPPLEMENTAL INFORMATION
Consult U.S. Coast Pilots 1 and 2 for important supplemental information.

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

NOTE B
PRECAUTIONARY AREA
Traffic within the Precautionary Area may consist of vessels operating between Boston Harbor and one of the established 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.

BOSTON NORTH CHANNEL
The project depths are 40 feet in the eastern part and 35 feet in the western part. For controlling depths see chart 13270.

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

NOTE A
Within the 12-nautical mile Territorial Sea, established by Presidential Proclamation, some Federal laws apply. The Three Nautical Mile Line, previously identified as the limit of the Territorial Sea, is retained on this chart as a useful reference line and approximate limit of the other laws. The 9-nautical mile Natural Resource Boundary of 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.

NOTE S
Regulations for Ocean Dumping Sites are contained in 40 CFR, Parts 220-229. Additional information concerning the regulations and requirements for use of the sites may be obtained from the Environmental Protection Agency (EPA). See U.S. Coast Pilots appendix for addresses of EPA offices. Dumping subsequent to the survey dates may have reduced the depths shown. The U.S. Food and Drug Administration and the National Marine Fisheries Service advise all commercial and recreational fishermen to avoid harvesting fish and shellfish from the vicinity of the industrial waste site due to the undetermined location of numerous toxic waste and low level radioactive waste containers.

NOAA WEATHER RADIO BROADCASTS
The NOAA Weather Radio stations listed below provide 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.

Boston, MA	KHB-35	162.475 MHz
Hyannis, MA	KEC-73	162.550 MHz
Eastern Maine, MA	WNG-574	162.425 MHz
Strafham, NH	KZZ-40	162.450 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.

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 bearing to radio broadcasting stations are subject to error and should be used with caution.
Station positions are shown thus:
(Accurate location) (Approximate location)

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.

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).

NOTE J
DEEPWATER PORTS
The Neptune and Northeast Gateway Deepwater Ports are encompassed by multiple boundaries. The outermost boundary represents an Area to Be Avoided and is referenced in 33 CFR 150.940. The central boundaries represent areas designated as No Anchoring Areas as well as Regulated Navigation Areas, respectively referenced in 33 CFR 165.1101 and 33 CFR 165.1117. The innermost boundaries represent Safety Zones and Security Zones, both of which are referenced in 33 CFR 165.1117. See note A for information regarding the publication of Navigation regulations.

NOTE D
The following activities are prohibited within the Stellwagen Bank Marine Sanctuary:
Certain discharging or dumping
Industrial exploring or developing
Drilling and dredging
Disturbing historical artifacts
Lightering
Refer to 15 CFR 922 for details of Sanctuary regulations.

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	1990-2007	NOS Surveys — full bottom coverage
B1	1990-2001	NOS Surveys — partial bottom coverage
B2	1970-1989	NOS Surveys — partial bottom coverage
B3	1940-1969	NOS Surveys — partial bottom coverage
B4	1900-1939	NOS Surveys — partial bottom coverage
B5	Pre-1900	NOS Surveys — partial bottom coverage
f		US Government Surveys
R		Chart 13270
S		Chart 13275

HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum of 1983 (NAD83) and 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 0.352" northward and 1.823" eastward to agree with this chart.

TIDAL INFORMATION

PLACE (LATLONG)	Height referred to datum of soundings (MLLW) Mean Higher High Water	Mean High Water	Mean Low Water
Salem (42°31'N/70°53'W)	9.7	9.3	0.3
Deer Island (South End) (42°21'N/70°58'W)	10.0	9.6	0.3
Boston (42°21'N/71°03'W)	9.8	9.4	0.3
Boston Light (42°20'N/70°54'W)	9.8	9.4	0.3
Cohasset Harbor (White Head) (42°15'N/70°47'W)	9.5	9.1	0.3
Provincetown (42°03'N/70°11'W)	9.8	9.4	0.3

Dashes (- - -) located in datum columns indicate unavailable datum values for a tide station. Real time water levels, tide predictions, and tide current predictions are available on the Internet from http://tidesandcurrents.noaa.gov.

(Aug 2013)

NOTE E
RECOMMENDED TWO-WAY WHALE AVOIDANCE ROUTES
The two-way routes shown on this chart are RECOMMENDED for use by all vessels traveling into or out of Cape Cod Bay. This routing has been established to reduce the likelihood of ship strikes of endangered North Atlantic right whales. Mariners are encouraged to navigate within the routes, but may navigate outside the routes at their own risk at all times. CAUTION: Pot bottom coverings surveys have not been conducted within the entire route, so unchartered dangers may exist. See Source Diagram and Chapter 1, U.S. Coast Pilot.

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.

Chart 13267 is for use in Massachusetts Bay. Navigational aids are not shown on this chart in harbors and inside passages. Use large scale charts in navigating such areas.

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

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

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 Chief, Marine Chart Division (N/CS2), National Ocean Service, NOAA, Silver Spring, Maryland 20910-3282.

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U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

SCALE 1:80,000
Nautical Miles
Yards

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Massachusetts Bay
SOUNDINGS IN FEET - SCALE 1:80,000