SOUNDINGS IN FEET

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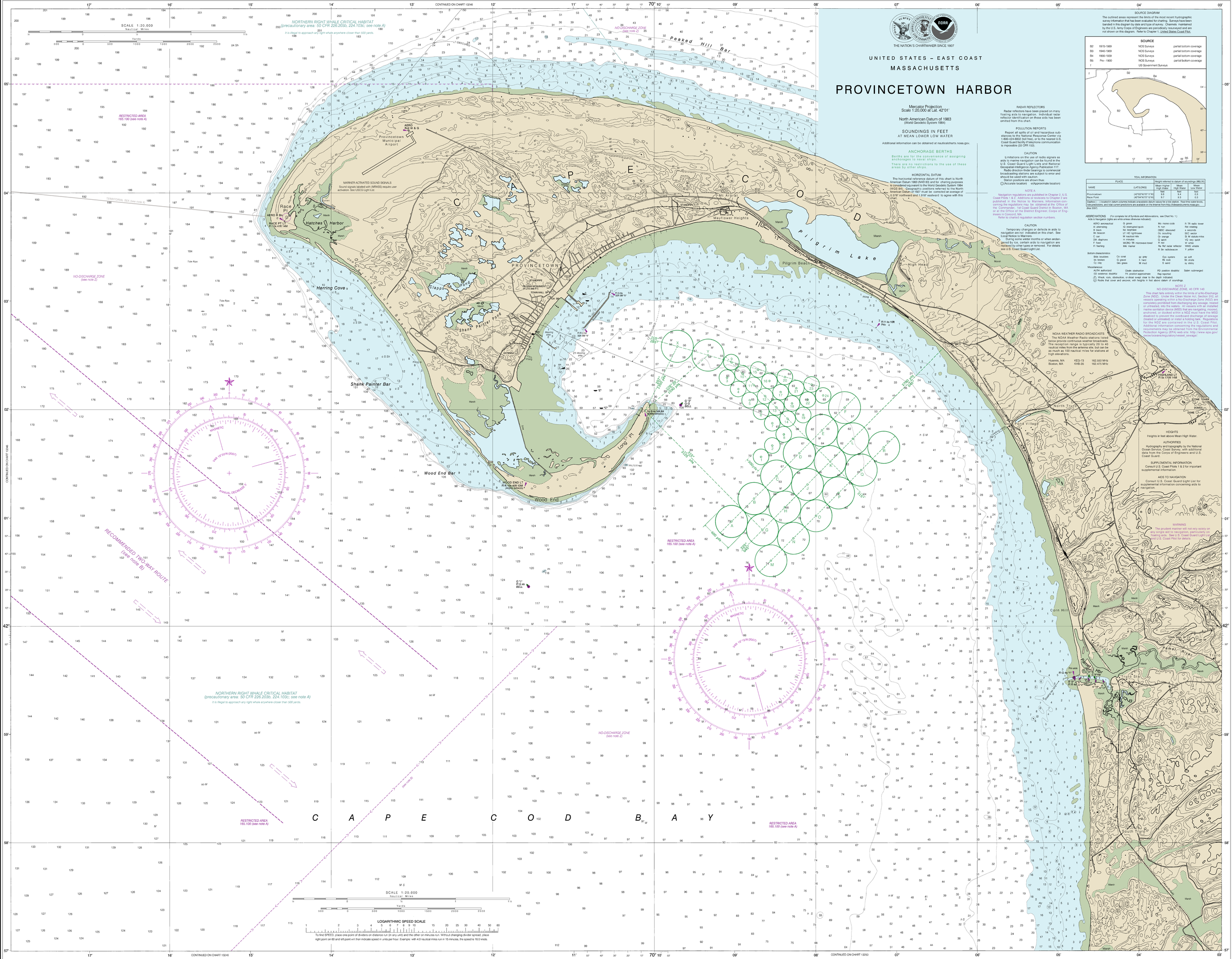
NOTE X

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.

COLREGS, 80.135 and 80.145 (see note A)
International Regulations for Preventing Collisions at Sea, 1972.
The entire area of this chart falls seaward of the COLREGS Demarcation Line.

NOTE B
RECOMMENDED TWO-WAY WHALE AVOIDANCE ROUTES AND TRACK
The two-way routes and two-way track shown on this chart are RECOMMENDED for use by all vessels traveling into or out of Cape Cod Bay. The routing has been established to reduce the likelihood of ship strikes of endangered North Atlantic right whales. Mariners are warned that some vessels might not be able to keep to the starboard side of the route or track at all times. CAUTION: Full bottom coverage surveys have not been conducted within the entire route nor along the entire track, so uncharted dangers may exist. See Source Diagram and Chapter 1, U.S. Coast Pilot.

Formerly C&GS 080, 1st Ed., Apr. 1934 KAPP 2096



THE NATION'S CHARTMAKER SINCE 1807

UNITED STATES – EAST COAST
MASSACHUSETTS

PROVINCETOWN HARBOR

Mercator Projection
Scale 1:20,000 at Lat. 42°01'

North American Datum of 1963
(World Geodetic System 1984)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

Additional information can be obtained at nauticalcharts.noaa.gov.

ANCHORAGE BERTHS
Berths are for the convenience of assigning anchorages to naval ships.
There are no restrictions to the use of these areas by other ships.

HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum 1983 (NAD 83) 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 0.378" northwest and 1.918" eastward to agree with this chart.

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).

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 bearings to commercial broadcasting stations are subject to error and should be used with caution.
Station positions are shown thus:
⊙(Accurate location) o(Approximate location)

NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilots 1 & 2. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations and requirements may be obtained from the Commander, 1st Coast Guard District, Boston, MA or at the Office of the District Engineer, Corps of Engineers in Concord, MA.
Refer to charted regulation section numbers.

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.

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

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	

TIDAL INFORMATION

PLACE		Height referred to datum of soundings (MLLW)			
NAME	(LAT,LONG)	Mean Higher High Water	Mean High Water	Mean Low Water	Mean Lower Low Water
Provincetown	(42°03'N/70°11'W)	9.8	9.4	0.3	0.0
Race Point	(42°04'N/70°15'W)	9.7	9.3	0.3	0.3

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. (Mar 2007)

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; DA diaphone; F fixed; Fl flashing; G green; Gp alternating group; Iso isophase; LT HO lighthouse; M nautical mile; m minutes; Mo morse code; N nun; OBSC obscured; Oc occulting; Or orange; Q quick; R red; Ra Ref radar reflector; Rb radiobeacon; R TR radio tower; RW rotating; s seconds; SEC sector; St M statute miles; VQ very quick; W white; WHS whistle; Y yellow
Bottom characteristics:
Blds boulders; Co coral; Cy cobbles; h hard; M mud; Oys oysters; S sand; sft soft; Sh shells; sy sticky; Bk broken; G gravel; Grs grass; gy grey
Miscellaneous:
AUTH authorized; (D) existence doubtful; Obstn obstruction; Pa position approximate; PD position doubtful; Rep reported; Sub submerged; ⚓, Wreck, rock, obstruction, or shoal swept clear to the depth indicated.
(2) Rocks that cover and uncover, with heights in foot above datum of soundings.

NOTE Z
NO-DISCHARGE ZONE, 40 CFR 140
This chart falls entirely within the limits of a No-Discharge Zone (NDZ). Under the Clean Water Act, Section 312, all vessels operating within the No-Discharge Zone (NDZ) are completely prohibited from discharging any sewage, treated or untreated, into the waters. All vessels with an installed marine sanitation device (MSD) that are navigating, moored, anchored, or docked within a NDZ must have the MSD disabled to prevent the overboard discharge of sewage (treated or untreated) or install a holding tank. Regulations for the NDZ are contained in the U.S. Coast Pilot. Additional information concerning the regulations and requirements may be obtained from the Environmental Protection Agency (EPA) web site: http://www.epa.gov/owow/oceans/regulatory/vessel_sewage/.

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.

Hyannis, MA	KEG-73	162.550 MHz
Boston, MA	KHB-35	162.475 MHz

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 Pilots 1 & 2 for important supplemental information.

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

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.

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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.

Last Correction: 11/15/2016. Cleared through:
LNM: 4616 (11/15/2016), NM: 4816 (11/26/2016), CHS: 1016 (10/28/2016)

To ensure that this chart was printed at the proper scale, the bar below should measure six inches (152 millimeters).
If the bar does not measure six inches (152 millimeters), this copy is not certified safe for navigation.

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 (NCS2), 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

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SOUNDINGS IN FEET

FATHOMS	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	32	33	34	35	36	37	38	39	40
FEET	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	32	33	34	35	36	37	38	39	40
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	32	33	34	35	36	37	38	39	40

Provincetown Harbor
SOUNDINGS IN FEET - SCALE 1:20,000

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