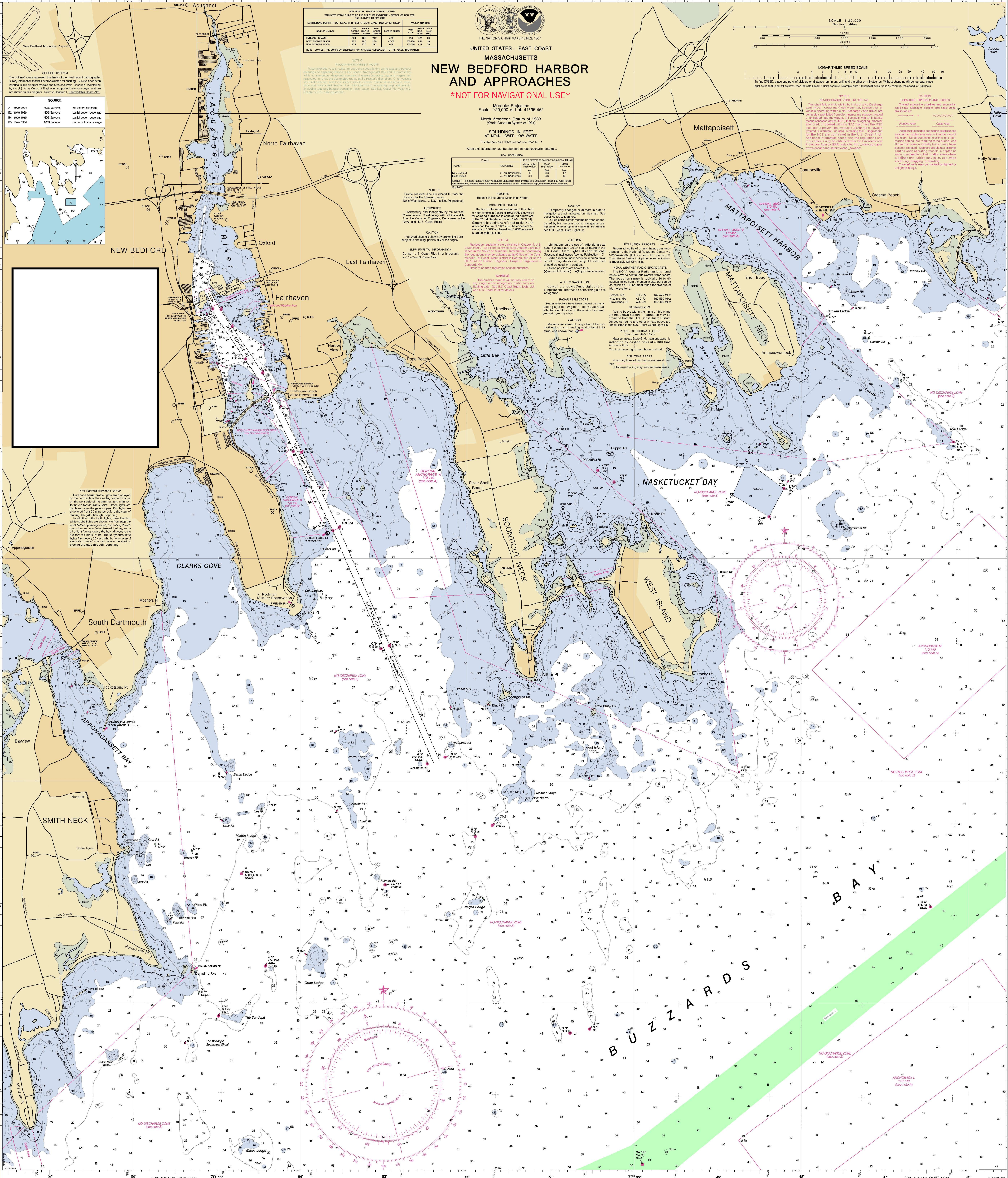
THE NATION'S CHARTMAKER SINCE 1807
UNITED STATES - EAST COAST
MASSACHUSETTS
NEW BEDFORD HARBOR AND APPROACHES
NOT FOR NAVIGATIONAL USE
Mercator Projection
Scale 1:20,000 at Lat. 41°35'45"
North American Datum of 1983
(World Geodetic System of 1984)
SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER
For Symbols and Abbreviations see Chart No. 1
Additional information can be obtained at nauticalcharts.noaa.gov.
NEW BEDFORD HARBOR CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DEC 2009 AND SURVEYS TO MAY 2008
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)
PROJECT DIMENSIONS
NAME OF CHANNEL | LEFT OUTSIDE QUARTER | MIDDLE HALF OF CHANNEL | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) | LENGTH (NAUT. MILES) | DEPTH MLLW (FEET)
ENTRANCE CHANNEL | 27.3 | 28.6 | 29.2 | 4-08 | 350 | 2.27 | 30
FORT PHOENIX REACH | 24.2 | 28.0 | 27.9 | 4,5-08 | 350-150 | 1.31 | 30
NEW BEDFORD REACH | 25.5 | 27.0 | 24.2 | 4-08 | 150-350 | 1.11 | 30
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION
NOTE C
RECOMMENDED VESSEL ROUTE
Recommended vessel routes for deep draft vessels (including tugs and barges) entering and departing Rhode Island Sound, Narragansett Bay and Buzzards Bay. While not mandatory, deep draft commercial vessels (including tugs and barges) are requested to follow the designated routes at the master's discretion. Other vessels, while not excluded from these routes, should exercise caution in and around these areas and monitor VHF channel 16 or 13 for information concerning deep draft vessels (including tugs and barges) transiting these routes. See U.S. Coast Pilot Volume 2, Chapter 5, 6 or 7 as appropriate.
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 1990-2004 NOS Surveys full bottom coverage
B2 1970-1989 NOS Surveys partial bottom coverage
B4 1900-1939 NOS Surveys partial bottom coverage
B5 Pre-1900 NOS Surveys partial bottom coverage
TIDAL INFORMATION
NAME (LAT/LONG) | Mean Higher High Water | Mean High Water | Mean Low Water
New Bedford (41°38'N/70°55'W) | 4.1 | 3.8 | 0.1
Mattapoisett (41°39'N/70°49'W) | 4.3 | 4.0 | 0.1
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.
(Sep 2009)
NOTE B
Private seasonal aids are placed to mark the channels to the following places:
NW of West Island....... May 1 to Nov 30 (reported)
AUTHORITIES
Hydrography and topography by the National Ocean Service, Coast Survey with additional data from the Corps of Engineers, Department of the Navy, and U.S. Coast Guard.
CAUTION
Improved channels shown by broken lines are subject to shoaling, particularly at the edges.
SUPPLEMENTAL INFORMATION
Consult U.S. Coast Pilot 2 for important supplemental information.
HEIGHTS
Heights in feet above Mean High Water.
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). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.375" northward and 1.868" eastward to agree with this chart.
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 Concord, MA.
Refer to charted regulation section numbers.
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.
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 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)
AIDS TO NAVIGATION
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.
CAUTION
Mariners are warned to stay clear of the protective riprap surrounding navigational light structures shown thus:
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).
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
Providence, RI WXJ 39 162.400 MHz
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.
PLANE COORDINATE GRID
(based on NAD 1927)
Massachusetts State Grid, mainland zone, is indicated by dashed ticks at 5,000 foot intervals thus:
The last three digits have been omitted.
FISH TRAP AREAS
Boundary lines of fish trap areas are shown thus:
Submerged piling may exist in these areas.
SCALE 1:20,000
Nautical Miles
Yards
Meters
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.
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 a 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/.
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.
New Bedford Hurricane Barrier
Hurricane barrier traffic lights are displayed on the north side of the smaller, northerly house on the west side of the entrance and adjacent to the old fort at Clarks Point. Green lights are displayed when the gate is open. Red lights are displayed from 20 minutes before the start of closing the gate through reopening.
In addition to the traffic lights, three flashing white strobe lights are shown; two from atop the west barrier operating house, one facing toward the harbor and one facing toward the bay, and a third light facing toward the bay adjacent to the old fort at Clarks Point. These synchronized lights flash every 20 seconds, but only every 2 seconds from 20 minutes before the start of closing the gate through reopening.
Acushnet
New Bedford Municipal Airport
Acushnet River
North Fairhaven
NEW BEDFORD
Oxford
East Fairhaven
Fairhaven
NEW BEDFORD REACH
FORT PHOENIX REACH
ENTRANCE CHANNEL
Ft Phoenix Beach State Reservation
Harbor View
Pope Beach
Knollmere
Little Bay
Nasketucket River
Shaws Cove
Brant I Cove
Mattapoisett
Mattapoisett River
Eel Pond
Cannonville
Cresent Beach
MATTAPOISETT HARBOR
MATTAPOISETT NECK
Shell Beach
Antassawamock
Mattapoisett Ledge
NED POINT LT
Iso 6s 41ft 12M
Ned Pt
Pine I Pond
Strawberry Pt
Angelica Pt
Holly Woods
Aucoot Cove
Hiller Cove
Connett Pt
Sunken Ledge
Nye Ledge
NASKETUCKET BAY
Silver Shell Beach
SCONTICUT NECK
WEST ISLAND
North Pt
Rocky Pt
Wilbur Pt
West Island Ledge
GENERAL ANCHORAGE A 110.140 (see note A)
GENERAL ANCHORAGE B 110.140 (see note A)
ANCHORAGE M 110.140 (see note A)
ANCHORAGE L 110.140 (see note A)
NO-DISCHARGE ZONE (see note Z)
SPECIAL ANCH 1 110.45a (see note A)
SPECIAL ANCH 2 110.45a (see note A)
REGULATED NAVIGATION AREA 165.125 (see note A)
HURRICANE BARRIER
BUTLER FLATS LT Fl 4s 25ft Priv
Egg I
CLARKS COVE
Ft Rodman Military Reservation
Clarks Pt
Apponagansett
Moshers Pt
South Dartmouth
Little I
Ricketsons Pt
PADANARAM BKW LT Fl R 4s 25ft 5M "8"
APPONAGANSETT BAY
Bayview
Nonquitt
SMITH NECK
Shore Acres
Round Hill Pt
Dumpling Rks
Salters Pt
Salters Point Ledge
Mishaum Pt
The Sandspit
The Sandspit Southwest Shoal
Great Ledge
Wilkes Ledge
North Ledge
Mosher Ledge
Negro Ledge
Middle Ledge
Bents Ledge
Keel Rk
Hussey Rk
White Rk
Ragged Rks
Fatal Rk
Lone Rk
Inez Rk
Decatur Rk
Church Rk
Phinney Rk
Brooklyn Rk
Henrietta Rk
Hursell Rk
BUZZARDS BAY
CONTINUED ON CHART 13230