Formerly C&GS 358, 1st Ed., Jun. 1897 C-1942-564 KAPP 2142

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.

CAUTION

BASCULE BRIDGE CLEARANCES

For bascule bridges, whose scans do not open to a full upright or vertical position, unlimited vertical clearance is not available for the entire charted horizontal clearance.

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 0.366" northward and 1.737" eastward to agree with 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).

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.

NOAA — National Oceanic and Atmospheric Administration — Department of Commerce — Coast Survey

UNITED STATES - EAST COAST

RHODE ISLAND - CONNECTICUT - NEW YORK

FISHERS ISLAND SOUND

Mercator Projection
Scale 1:20,000 at Lat. 41°18'

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.

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 Proclamations. Unless fixed by treaty or the U.S. Supreme Court, these maritime limits are subject to modification.

CAUTION

Improved channels are 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 Local Notice to Mariners.

Lights, buoys, and minor moorhts 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.

SUPPLEMENTAL INFORMATION

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

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.

New London, CT	KHB-47	162.550 MHz
Providence, RI	WXJ-39	162.400 MHz
Riverhead, NY	WXM-80	162.475 MHz

NOTE B

These waterways are marked with numerous uncharted private aids.

CAUTION

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

TIDAL INFORMATION

PLACE		Height referred to datum of soundings (MLLW)		
NAME	(LAT/LONG)	Mean Higher High Water	Mean High Water	Mean Low Water
		feet	feet	feet
Watch Hill Point	(41°18'N/71°52'W)	2.9	2.7	0.1
West Harbor	(41°16'N/72°00'W)	3.0	2.7	0.2
Silver Eel Pond	(41°15'N/72°02'W)	2.8	2.5	0.2

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. (Jun 2014)

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)

Aids to Navigation (lights are white unless otherwise indicated):

ABRO aeronautical beacon; Al alternating; Bl black; Bn beacon; C can; Dia. diaphone; F fixed; Fl flashing; G green; Gp group; Ho hooter; Iso isophase; LH HO lighthouse; M nautical mile; m minutes; MICRO TR microwave tower; Mo(A) morse morse(A); Mr mariner; Mo(U) morse(U); N nun; OBSC obscured; Oc occulting; Or orange; Q quick; R red; Ra Ref radar reflector; Ro radiobeacon; R TR radio tower; Rot rotating; s seconds; SEC sector; St M statute miles; VQ very quick; W white; WHIS whistle; Y yellow

Bottom characteristics:

Blds boulders; Cb coral; Cy clay; Gvl gravel; Grs grass; gy gray; h hard; M mud; Oys oysters; Pk rock; S sand; sc soft; Sh shells; sy sticky

Miscellaneous:

AUTH authorized; ED existence doubtful; Obstn obstruction; PA position approximate; PD position doubtful; Rep reported; Subm submerged; Wreck, rock, obstruction, or kelp; swept clear to the depth indicated; (2) Rocks that cover and uncover, with heights in feet above datum of soundings.

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

HEIGHTS

Heights in feet above Mean High Water.

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.

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) ○(Approximate location)

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.

SMALL CRAFT WARNINGS

Small craft warnings will be displayed from sunrise to sunset from Suffolk County Marine Police Patrol Boats underway in the coastal and navigable inland waters of Suffolk County Long Island New York. For boating season only.

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 maximum 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.

SCALE 1:20,000
Nautical Miles 0 1
Yards 0 500 1000 1500 2000 2500

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.

NOTE Z

NO-DISCHARGE ZONE, 40 CFR 140

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/.

PAWCATUCK RIVER

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAY 2012 AND SURVEYS TO DEC 2009

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)

NAME OF CHANNEL	DEPTH (FEET)	WIDTH (FEET)	DATE OF SURVEY
CHANNEL ENTRANCE AT ANCHOR PT TO A POINT IN 41°20'26.2"N, 71°49'54.8"W	8.7	MID-WIDTH 50	11,12-09
THENCE TO A POINT IN 41°19'.2"N, 71°50'17.3"W	7.9	MID-WIDTH 50	11,12-09
THENCE TO A POINT IN 41°22'13.0"N, 71°49'54.9"W	4.6	MID-WIDTH 40	11,12-09
THENCE TO WESTERLY	46.6	40	11,12-09

A EXCEPT FOR SHOALING TO 3.5 FEET IN THE LAST 210 FEET OF CHANNEL.

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE

AIDS TO NAVIGATION

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

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	1990-2011	NOS Surveys	full bottom coverage
B1	1990-1998	NOS Surveys	partial bottom coverage
B3	1940-1969	NOS Surveys	partial bottom coverage
B4	1900-1939	NOS Surveys	partial bottom coverage

FISH TRAP AREAS

Boundary lines of fish trap areas are shown thus:
Submerged piling may exist in these areas.

Poquonock Bridge; Groton - New London Airport; Mystic River; West Mystic; Mystic; Noank; Mumford Cove; Pequonnock River; Quamphegan Creek; Mystic Harbor; Fishers Island Sound; Sixpenny; Lords Point; Stonington Harbor; Stonington; Quonocontaug Pond; Wequetequock Cove; Pawcatuck River; Pawcatuck Rock; Watch Hill Point; Watch Hill Passage; Westerly; Pawcatuck; Clarks Village; Avondale; Little Narragansett Bay; Napatree Point; Napatree Beach; Meschaug Pond; Fishers Island; Elizabeth Field; Silver Eel Cove; Race Point Ledge; Block Island Sound; Block Island; Watch Hill Reach; Watch Hill Passage; Sugar Reef Passage; Watch Hill Reef; Watch Hill Harbor; Watch Hill Cove; Watch Hill Yacht Club; Watch Hill Fire Dept; Watch Hill Coast Guard Station; Watch Hill Lighthouse; Watch Hill Pt; Watch Hill Reef; Watch Hill Ledge; Watch Hill Rock; Watch Hill Shoal; Watch Hill Reef Gong