THE NATION'S CHARTMAKER SINCE 1807

WATCH HILL TO NEW HAVEN HARBOR

LONG ISLAND SOUND

RHODE ISLAND - CONNECTICUT - NEW YORK

BROADCASTS OF MARINE WEATHER FORECASTS AND WARNINGS BY MARINE RADIOTELEPHONE STATIONS

CITY	STATION	FREQ.	BROADCAST TIMES - EST	SPECIAL WARNING
New York, NY	NMY-41	2670 kHz	7:20 AM & PM * 4:20 AM, 1:20 & 4:20 PM 7:20 & 10:20 AM, & 7:20 PM	+On receipt

+Preceded by announcement on 2182 kHz and 156.800 MHz
Distress calls for small craft are made on 2182 kHz or channel 16 (156.800 MHz) VHF.

NOAA WEATHER RADIO BROADCASTS

CITY	STATION	FREQ.	BROADCAST TIMES
New London, CT	KHB-47	162.550 MHz	24 hours daily
Providence, RI	WXJ-39	162.400 MHz	24 hours daily
Meriden, CT	WXJ-42	162.400 MHz	24 hours daily

MARINE WEATHER FORECASTS

NATIONAL WEATHER SERVICE	TELEPHONE NUMBER	OFFICE HOURS
New York, NY	(631) 924-0517	9:00 AM - 5:00 PM M-F Recorded forecast only other times.
Boston/Taunton, MA	(508) 828-2672 * (508) 822-0634	8:00 AM - 5:00 PM M-F 24 hours
Portland (Gray), ME	(207) 688-3216 * (207) 688-3210	7:00 AM - 5:00 PM M-F 24 hours daily

*Recorded

PUBLIC BOATING INSTRUCTION PROGRAMS

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USPS - Local Squadron Commander or USPS Headquarters, Post Office Box 30423, Raleigh, North Carolina 27612, 919-821-0281.

USCGAUX - 1st Coast Guard District, 408 Atlantic Ave., Boston, MA 02110-2209. Tel. 617-223-8310 or USCG Headquarters (G-BAU), Washington, D.C. 20593-0001.

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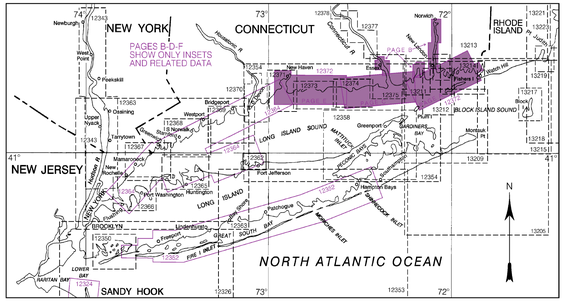
NAUTICAL CHART DIAGRAM



TIDAL INFORMATION

PLACE NAME	(LATITUDE) (LONG)	Height referred to datum of soundings (MLLW) Mean Higher High Water	Mean High Water	Mean Low Water
		feet	feet	feet
Westerly	(41°23'N/71°50'W)	3.1	2.8	0.2
Watch Hill Point	(41°18'N/71°52'W)	2.9	2.7	0.1
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New London	(41°22'N/72°06'W)	3.0	2.8	0.2
Norwich	(41°31'N/72°05'W)	3.6	3.3	0.2
Niantic	(41°20'N/72°11'W)	3.0	2.7	0.7
Saybrook Jetty	(41°16'N/72°21'W)	4.2	3.8	0.3
Lyme (Highway bridge)	(41°19'N/71°21'W)	3.8	3.5	0.2
Sachem Head	(41°15'N/72°43'W)	5.9	5.6	0.2
New Haven Harbor	(41°17'N/72°55'W)	6.7	6.4	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.
(Aug 2016)

SCALE 1:40,000
Nautical Miles

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

12372 EDITION 37 OCTOBER 2016

Last Correction: 10/25/2016. Cleared through:
LNM: 4716 (11/22/2016), NM: 4816 (11/26/2016), CHS: 1016 (10/28/2016)

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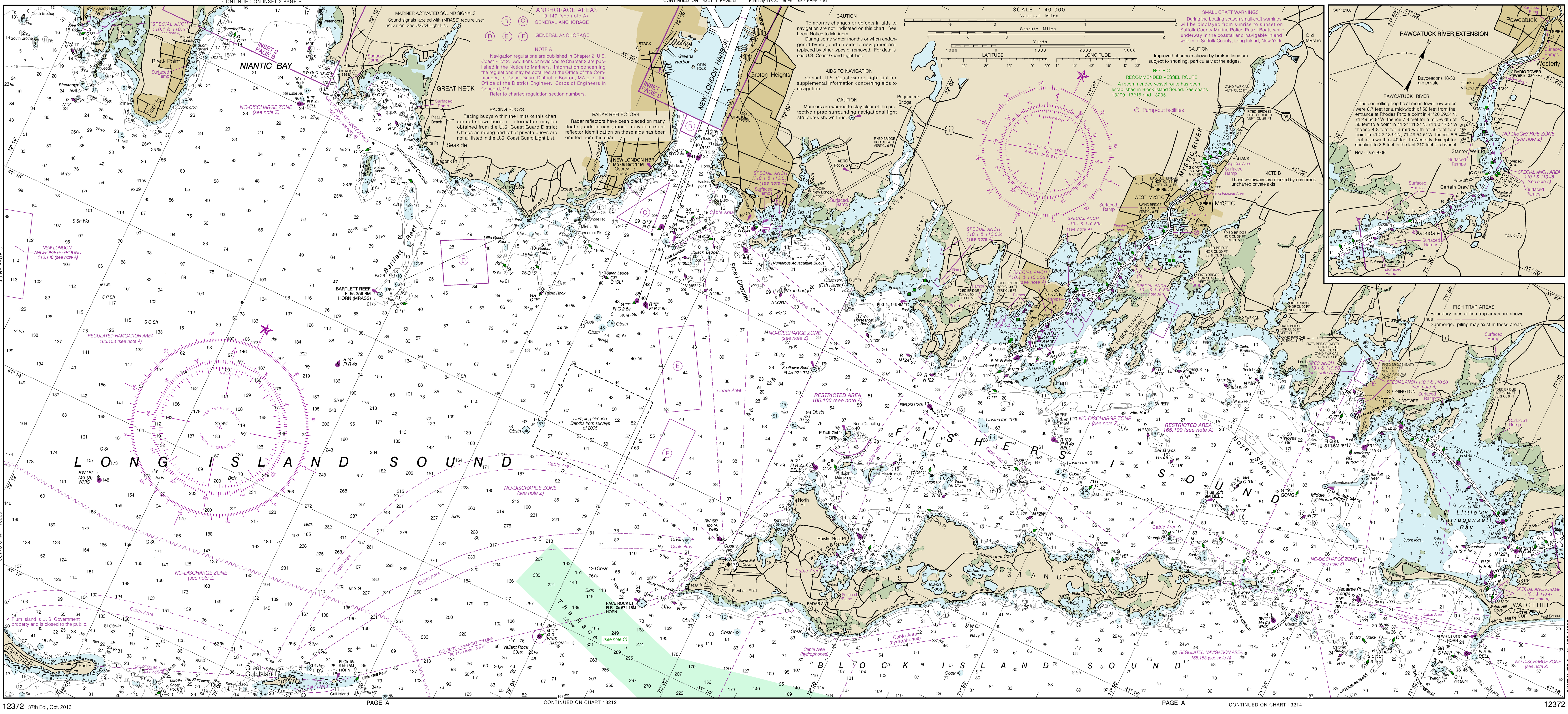
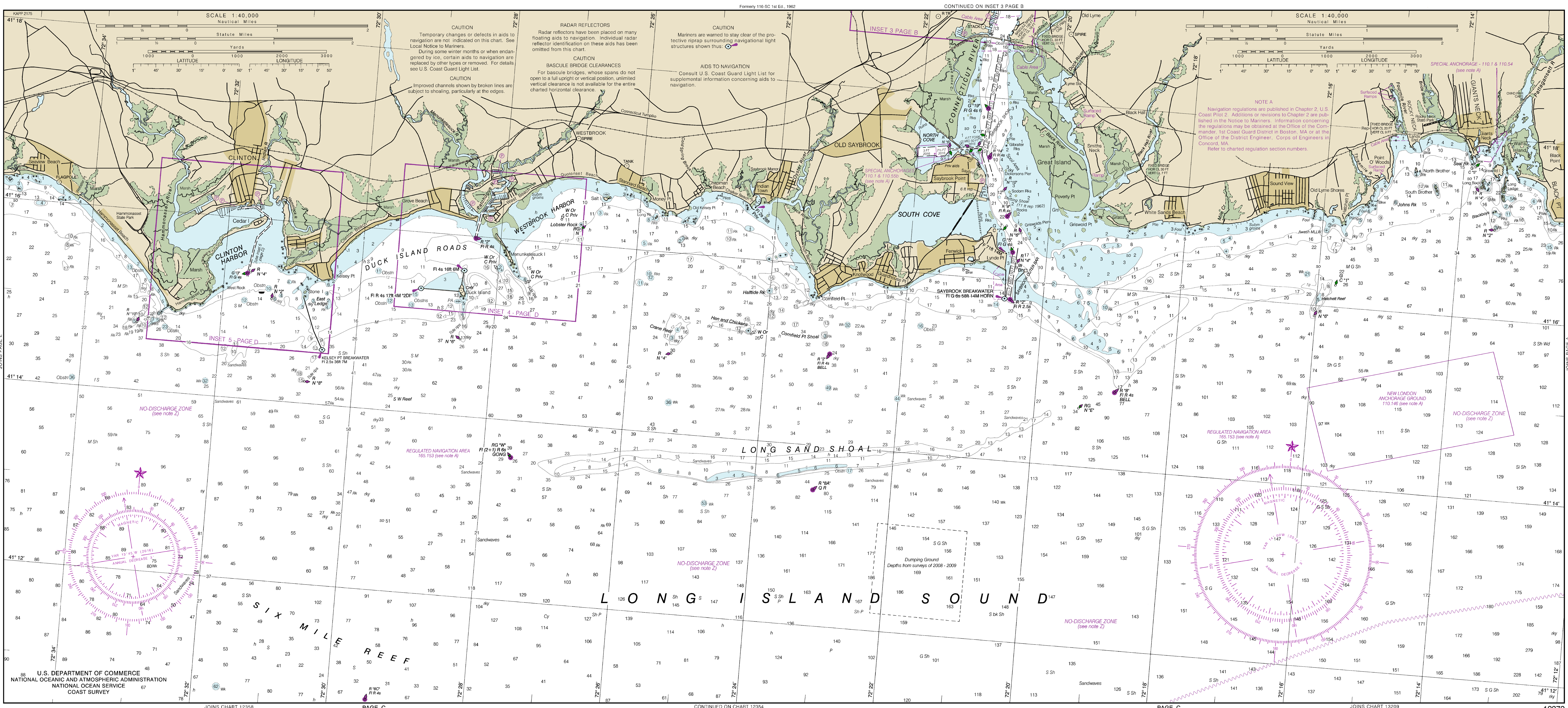
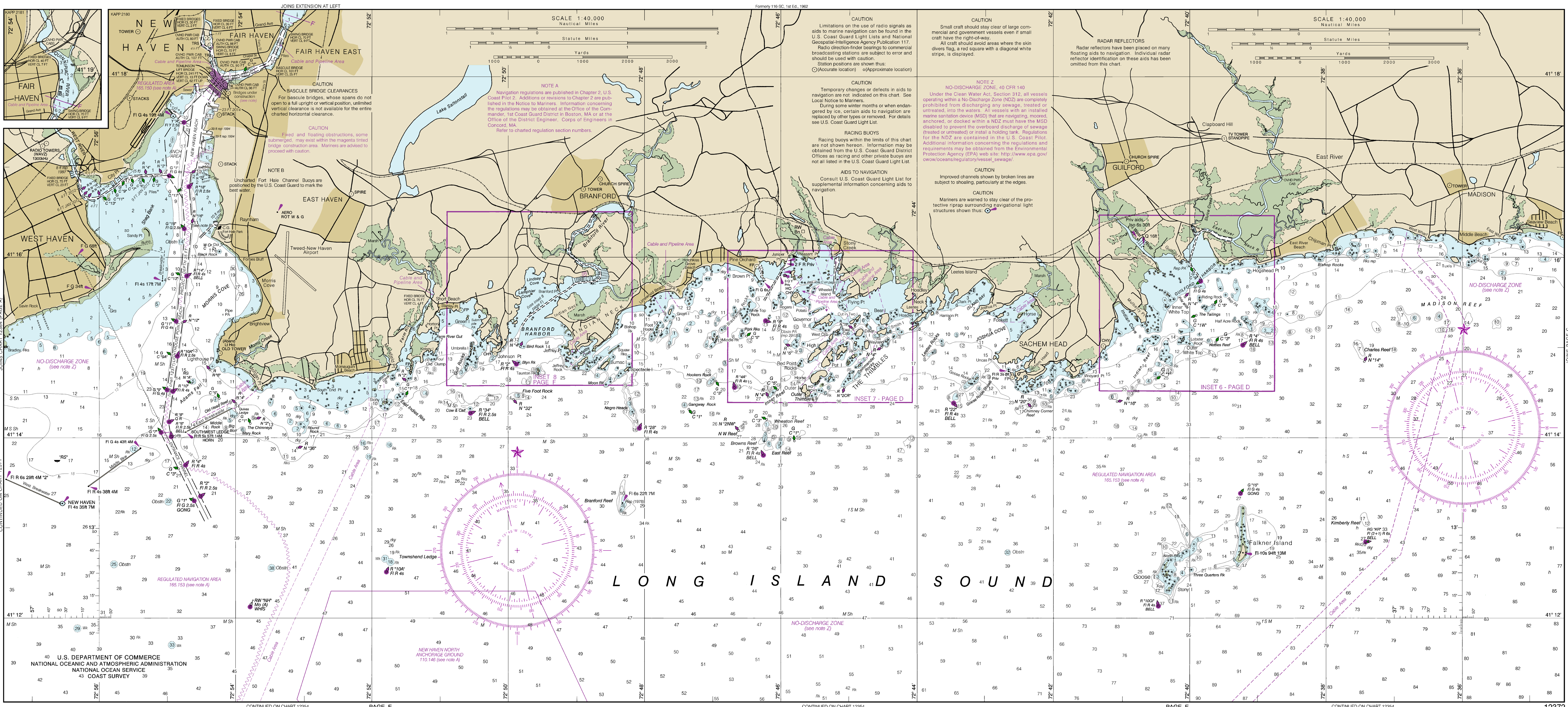
KAPP 352







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NAUTICAL CHART 12372

Mercator Projection at Scale 1:40,000
SOUNDINGS IN FEET AT MEAN LOWER LOW WATER
North American Datum of 1983
(World Geodetic System 1984)

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, Geological Survey, and U.S. Coast Guard.

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

For Symbols and Abbreviations see Chart No. 1

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

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY
Additional information can be obtained at nauticalcharts.noaa.gov.

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.

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.

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).

SCALE 1:20,000
Nautical Miles

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.

NOTE C
Numerous unlighted buoys are not charted because they are frequently shifted in position.

FISHING AND HUNTING STRUCTURES
Unchartered fish and wildlife harvesting devices and structures such as fish traps, pound nets, crab traps, and duck blinds, some submerged, may exist in the area of this chart, particularly in the near shore area. Mariners should proceed with caution.

CAUTION
Fixed and floating obstructions, some submerged, may exist within the magenta tinted bridge construction area. Mariners are advised to proceed with caution.

SMITH COVE
Aids are privately maintained.
The controlling depth in the entrance to Smith Cove is 5 feet.
Rep 1999

NIANTIC RIVER
The controlling depths were 6 feet for a width of 100 feet from the channel entrance to 41°19'26"N 72°10'36"W, thence 5 feet for a mid-width of 50 feet to the end of the channel.
Jul 2014

PAGE B

INSET 2

JOINS NORWICH EXTENSION BELOW

CAUTION
The dikes along the Thames River from Easter Point to Norwich are submerged at half tide.

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.

THAMES RIVER
The controlling depths at MLLW were 22 feet for a mid-width of 150 feet from the north end of the basin east of Smith Cove to 41°26'25"N, 72°05'12"W; thence 15½ feet for a mid-width of 150 feet to the basin at Norwich and 12 feet in the turning basin.
Aug 2006

SCALE 1:20,000
Nautical Miles

THAMES RIVER EXTENSION

JOINS EXTENSION AT LEFT

THAMES RIVER
The controlling depths at MLLW were 22 feet for a mid-width of 150 feet from the north end of the basin east of Smith Cove to 41°26'25"N, 72°05'12"W; thence 15½ feet for a mid-width of 150 feet to the basin at Norwich and 12 feet in the turning basin.
Aug 2006

NOTE B
Corps of Engineers authorized project depths are 20 feet for width of 350 ft in westerly channel and 25 feet for width of 250 ft in easterly channel. Widths from 410 ft to 1020 ft are provided by the U.S. Navy

THAMES RIVER EXTENSION

JOINS EXTENSION AT LEFT

JOINS EXTENSION AT RIGHT

EIGHTMILE RIVER
Eightmile River is marked by uncharted aids to navigation. Mariners are advised to use caution.

Hamburg Cove
Hamburg Cove is marked by seasonal uncharted private aids to navigation. Mariners are advised to use caution.

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.

ANCHORAGE AREAS
110.147 (see note A)
(A) GENERAL ANCHORAGE
(B) GENERAL ANCHORAGE

SCALE 1:20,000
Nautical Miles

INSET 3

INSET 5

SCALE 1:20,000
Nautical Miles

CLINTON HARBOR CHANNEL
The channel frequently shifts due to changing shoaling conditions. Buoys 5, 6, 8 and 9 are not charted because they are frequently shifted in position. Buoys 12-16 are private.

INSET 4

PATCHOGUE RIVER
The controlling depth was 6½ feet for a width of 75 feet.
Jun 2015
Aids 5 through 10 are private.

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)
Aids to Navigation (lights are white unless otherwise indicated)

AERO aeronautical	G green	Mo morse code	R TR radio tower		
Al alternating	IQ interrupted quick	N nun	Rot rotating		
B black	Iso isophase	OBSC obscured	s seconds		
Bn beacon	LT HO lighthouse	Oc occulting	SEC sector		
C can	M nautical mile	Or orange	St M statute miles		
DA diaphone	m minutes	Q quick	VQ very quick		
F fixed	MICRO TR microwave tower	R red	W white		
Fl flashing	Mkr marker	Ra Ref radar reflector	WHS whistle		
		R Bn radiobeacon	Y yellow		

Bottom characteristics:

Blds boulders	Co coral	gy gray	Oys oysters	so soft
bk broken	G gravel	h hard	Rk rock	Sh shells
Cy clay	Grs grass	M mud	S sand	sy sticky

Miscellaneous:

AUTH authorized	Obstn obstruction	PD position doubtful
ED existence doubtful	PA position approximate	Rep reported

Wreck, rock, obstruction, or shoal swept clear to the depth indicated.
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: — — —

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

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 0.35" northward and 1.704" eastward to agree with this chart.

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.

RULES OF THE ROAD
(ABRIDGED)
Motorless craft have the right-of-way in almost all cases. Sailing vessels and motorboats less than sixty-five feet in length shall not hamper, in a narrow channel, the safe passage of a vessel which can navigate only inside that channel.
A motorboat being overtaken has the right-of-way.
Motorboats approaching head to head or nearly so should pass port to port.
When motorboats approach each other at right angles or obliquely, the boat on the right has the right-of-way in most cases.
Motorboats must keep to the right in narrow channels when safe and practicable.
Mariners are urged to become familiar with the complete text of the Rules of the Road in U.S. Coast Guard publication "Navigation Rules."

NOTE C
STONY CREEK
The controlling depths at MLLW were 5 feet for a width of 100 feet to Burr Island, thence 2 feet to the end of the Turning Basin. A rock has been reported in the last 200 feet of the channel.
Jul 2013

CAUTION
WARNINGS CONCERNING LARGE VESSELS
The "Rules of the Road" state that recreational boats shall not impede the passage of a vessel that can navigate only within a narrow channel or fairway. Large vessels may appear to move slowly due to their large size but actually transit at speeds in excess of 12 knots, requiring a great distance in which to maneuver or stop. A large vessel's superstructure may block the wind with the result that sailboats and sailboards may unexpectedly find themselves unable to maneuver. Bow and stern waves can be hazardous to small vessels. Large vessels may not be able to see small craft close to their bows.

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/.

Ⓟ Pump-out facilities

TIDAL CURRENT DATA

PLACE	POSITION Lat	POSITION Long	MAXIMUM CURRENTS Flood Direc (true)	Flood Average velocity	Ebb Direc (true)	Ebb Average velocity
	° ′	° ′	deg	knots	deg	knots
BLOCK ISLAND SOUND	N.	W.				
Wicopesset Island, 1.3 miles SSE. of	41 16	71 55	250	1.5	75	0.8
Mt. Prospect, 0.6 miles SSE. of	41 15	72 00	275	1.7	55	1.6
FISHERS ISLAND SOUND						
Edwards Pt.-Sandy Pt. (between)	41 20	71 54	35	1.1	235	----
Napatree Point, 0.7 mile SW. of	41 18	71 54	285	1.7	115	2.2
Little Narragansett Bay entrance	41 20	71 53	90	1.3	270	1.3
Avondale, Pawcatuck River	41 20	71 51	60	0.6	255	----
Ram Island Reef, south of	41 18	71 58	255	1.3	90	1.6
Noank	41 19	71 59	340	0.5	----	----
Mystic, Highway Bridge, Mystic River	41 21	71 58	40	0.5	230	----
Clay Point, 1.3 miles NNE. of	41 18	71 58	265	1.4	35	1.9
North Hill Pt., 1.1 miles NNW. of	41 18	72 02	260	1.5	80	1.2
LONG ISLAND SOUND						
The Race						
Race Point, 0.4 mile SW. of	41 15	72 03	290	2.6	135	3.5
THE RACE, near Valiant Rock	41 14	72 04	290	2.9	100	3.5
0.5 mile NE. of Little Gull Island	41 13	72 06	0	3.3	105	3.1
Little Gull I., 1.1 mi. ENE. of	41 13	72 05	300	4.0	130	4.7
Great Gull Island, 0.7 mile WSW. of	41 12	72 08	300	2.6	135	3.2
Eastern Point, 1.5 miles south of	41 18	72 05	250	0.4	55	0.4
New London Harbor entrance	41 19	72 05	350	0.1	210	0.2
Thames River						
Winthrop Point	41 22	72 05	10	0.4	185	----
Off Smith Cove	41 24	72 05	20	0.7	200	----
Off Stoddard Hill	41 28	72 04	330	0.7	165	----
Goshen Point, 1.9 miles SSE. of	41 16	72 06	285	1.2	60	1.6
Little Gull Island, 0.8 mile NNW. of	41 13	72 07	260	1.9	45	2.9
Bartlett Reef, 0.2 mile south of	41 16	72 08	255	1.4	90	1.3
Twotree Island Channel	41 18	72 08	265	1.2	100	1.6
Niantic (Railroad Bridge)	41 20	72 11	350	1.6	180	0.8
Black Point, 0.8 mile south of	41 17	72 12	265	1.4	80	1.3
Black Point-Plum Island (between)	41 14	72 12	235	2.1	75	2.4
Plum Island, 0.8 mile NNW. of	41 18	72 12	245	1.7	65	2.4
Hatchett Point, 1.1 miles WSW. of	41 16	72 17	240	1.3	45	1.2
Connecticut River						
Lynde Point, channel east of	41 16	72 20	345	0.9	160	0.7
Saybrook Point, 0.2 mile NE. of	41 17	72 21	355	1.5	160	1.5
Railroad drawbridge	41 19	72 21	0	1.6	180	2.1
Saybrook Breakwater, 1.5 miles SE. of	41 14	72 19	260	1.9	70	2.0
Milford Point, 3.1 miles NW. of	41 13	72 19	270	1.9	65	2.3
Cornfield Point, 3 miles south of	41 13	72 22	255	2.0	95	1.9
Cornfield Point, 1 mile south of	41 15	72 23	270	1.6	100	1.8
Kelsey Point, 2.1 miles SE. of	41 14	72 28	260	1.5	70	1.8
Six Mile Reef, 1.5 miles north of	41 13	72 29	290	1.0	95	1.3
Six Mile Reef, 2 miles east of	41 11	72 27	235	1.6	40	2.1
Kelsey Point, 1 mile south of	41 14	72 30	250	2.0	120	1.5
Sachem Head, 1.0 mile SSE. of	41 14	72 43	255	1.1	65	1.0
Sachem Head, 1 mile south of	41 14	72 43	280	0.9	85	1.2
New Haven Harbor entrance[1]	41 14	72 55	320	1.4	150	0.9
City Point, 1.3 miles NE. of	41 18	72 54	15	0.3	215	0.4

[1] Inside breakwaters, in channel, the current is only 0.4 knot.
Latest information available

INSET 6

SCALE 1:20,000
Nautical Miles

INSET 7

INSET 8

SCALE 1:20,000
Nautical Miles

BROADCASTS OF MARINE WEATHER FORECASTS AND WARNINGS BY MARINE RADIOTELEPHONE STATIONS

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CITY	STATION	FREQ.	BROADCAST TIMES
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Portland (Gray), ME	(207) 688-3216 * (207) 688-3210	7:00 AM - 5:00 PM M-F 24 hours daily

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USPS - Local Squadron Commander or USPS Headquarters, Post Office Box 30423, Raleigh, North Carolina 27612. 919-821-0281.
USCGAUX - 1st Coast Guard District, 408 Atlantic Ave., Boston, MA 02110-2209. Tel. 617-223-8310 or USCG Headquarters (G-BAU), Washington, D.C. 20593-0001.

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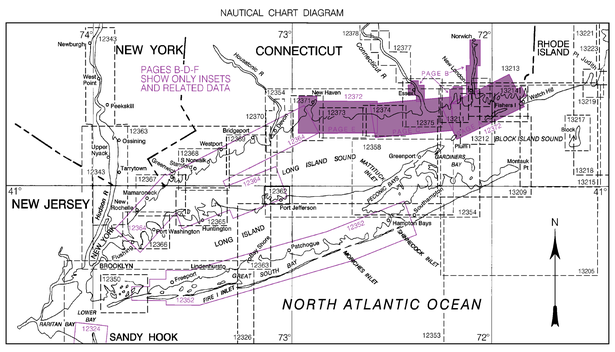

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		feet	feet	feet
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Silver Eel Pond	(41°15'N/72°02'W)	2.8	2.5	0.2
New London	(41°22'N/72°06'W)	3.0	2.8	0.2
Norwich	(41°31'N/72°05'W)	3.6	3.3	0.2
Niantic	(41°20'N/72°11'W)	3.0	2.7	0.2
Saybrook Jetty	(41°16'N/72°21'W)	4.2	3.8	0.3
Lyme (highway bridge)	(41°19'N/71°21'W)	3.8	3.5	0.2
Sachem Head	(41°15'N/72°43'W)	5.9	5.6	0.2
New Haven Harbor	(41°17'N/72°55'W)	6.7	6.4	0.2

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(Aug 2016)

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