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.

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 0.359" northward and 1.680" eastward to agree with this chart.

Formerly C&GS 266 1st Combined Ed. Aug. 1954 C: 1947-689

SOUNDINGS IN FEET

Nautical Chart Catalog No. 1, Panel G

12377

(JOINS PANEL BELOW)

Nautical Miles 0

Yards 1000 500 0 1000 2000

NOAA COAST SURVEY

UNITED STATES - EAST COAST

CONNECTICUT

CONNECTICUT RIVER

DEEP RIVER TO BODKIN ROCK

Mercator Projection
Scale 1:20,000 at Lat. 41°28'
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

TIDES

NOTE: The Mean range of the tide between Hadlyme and Higganum during low river stages is about 2½ feet. The range becomes progressively smaller with higher stages of the river.

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; DIA diaphone; F fixed; Fl flashing; G green; Gp group; IQ interrupted quick; Iso isophase; LT HO lighthouse; M nautical mile; m minutes; MICRO TR microwave tower; Mkr marker; Mo morse code; N nun; OBSC obscured; Oc occulting; Or orange; Q quick; R red; Ra Ref radar reflector; R Bn 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:

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

Miscellaneous:

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

⚓ Wreck, rock, obstruction, or shoal swept clear to the depth indicated.
(+) Rocks that cover and uncover, with heights in feet above datum of soundings.

AUTHORITIES

Hydrography (surveys of 1969) and topography by the National Ocean Service, Coast Survey with additional data from the Corps of Engineers, Geological Survey, and U. S. Coast Guard.

CAUTION

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

AIDS TO NAVIGATION

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

PLANE COORDINATE GRID
(based on NAD 1927)

Connecticut State Grid is indicated by dotted ticks at 10,000 foot intervals.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See 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.

SUPPLEMENTAL INFORMATION

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

HEIGHTS

Heights in feet above Mean High Water.

NOAA VHF-FM WEATHER BROADCASTS

The National Weather Service stations listed below provide continuous marine weather broadcasts. The range of reception is variable, but for most stations is usually 20 to 40 miles from the antenna site.

New London, Conn.	KHB-47	162.55 MHz
Riverhead, N.Y.	WXM-80	162.475 MHz
Hartford, Conn.	WXJ-41	162.475 MHz
Meriden, Conn.	WXJ-42	162.40 MHz

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 2. Additions or revisions to Chapter 2 are published in the Notices to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 1st Coast Guard District in Boston, Mass. or at the Office of the Division Engineer, Corps of Engineers in Waltham, Mass.
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.

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 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.

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

CONNECTICUT RIVER CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DEC 1994 AND SURVEYS TO AUG 1994

NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW) LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	PROJECT DIMENSIONS WIDTH (FEET)	WIDTH (NAUT. MILES)	DEPTH MLLW (FEET)
BROCKWAY BAR CHANNEL	12.0	13.7	14.2	8-88	150	0.4	15
POTASH BAR CHANNEL	12.6	12.8	12.7	8-93	150	0.4	15
EDDY ROCK SHOAL CHANNEL	14.1	13.3	12.5	7-93	200-150	0.4	15
WARNERS QUARRY BAR CHANNEL	14.5	14.0	12.9	5-86	200-150	0.5	15
HADDAM ISLAND BAR CHANNEL	13.9	14.0	10.1	8-93	150	0.3	15
ROCK LANDING BAR CHANNEL	12.8	13.3	13.3	1,2,3-91	150	0.6	15
HIGGANUM CREEK SHOAL CHANNEL	13.7	14.0	13.8	8-94	150	0.3	15
SCOVILL ROCK BAR CHANNEL	15.0	14.8	14.3	10-89	150	0.4	15
SEARS SHOAL CHANNEL	13.3	13.4	13.3	8-94	150	0.5	15
SEARS UPPER BAR CHANNEL	13.4	13.7	13.5	5-86	150	0.5	15
COBALT SHOAL CHANNEL	13.5	14.1	15.0	5-70	150	0.9	15
PAPER ROCK SHOAL CHANNEL	13.9	13.7	13.4	5-86	150	0.5	15

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SIDE A

(JOINS SIDE B ON REVERSE SIDE)

(JOINS CHART 12375)

13th Ed., May 11/96 ■
12377

CAUTION

This chart has been corrected from the Notice to Mariners published weekly by the Defense Mapping Agency Hydrographic/Topographic Center and the Local Notice to Mariners issued periodically by each U.S. Coast Guard district to the date shown in the lower left hand corner.

SOUNDINGS IN FEET

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

FATHOMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
FEET	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102
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

(Conn. River, Deep River to Bodkin Rock)

SOUNDINGS IN FEET - SCALE 1:20,000

12377

SIDE A

DMA 83204/NO 12HA12377
ED NO 13

(Inner neatline 72.62 cm N-S x 77.74 cm E-W)