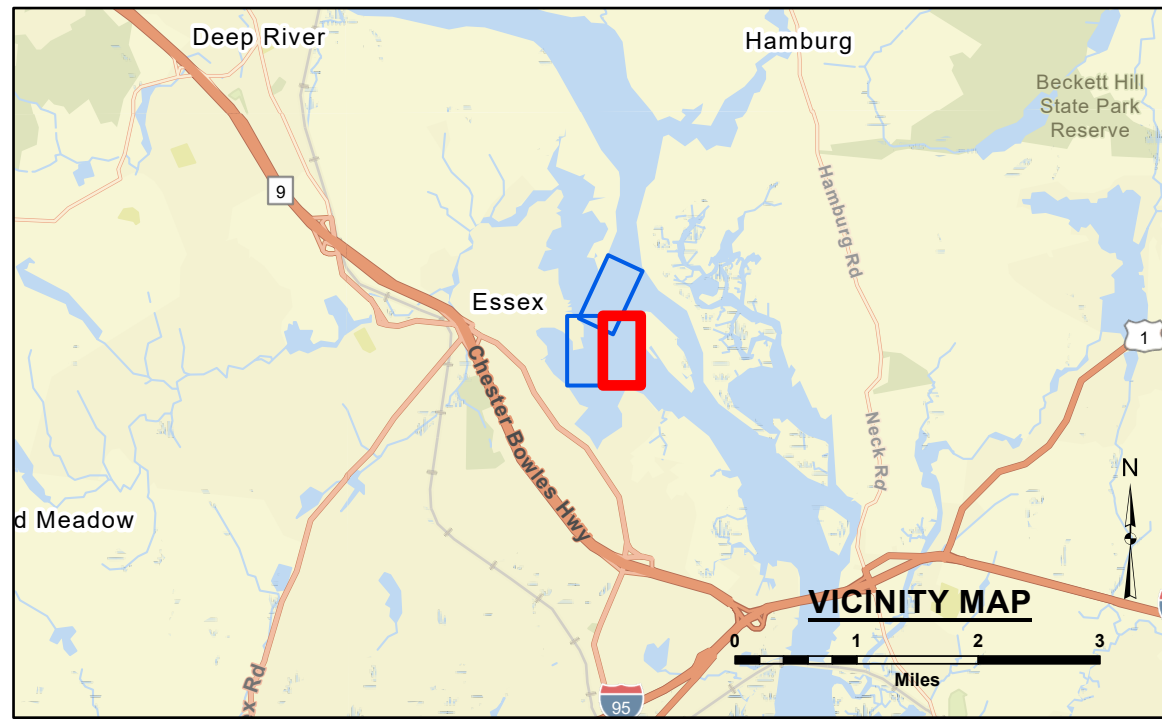




LEGEND

- Federal Navigation Channel
- Channel Center Line
- Cable or Pipeline Area
- Contour Line
- Marine Infrastructure*
- ⊗ Obstruction Point
- ⊗ Fixed Navigation Aids
- ! Yellow Navigation Buoy
- ! Red Navigation Buoy
- ! Green Navigation Buoy
- Shoaling Area
- Shoalest Sounding**

** Shoalest Sounding per Quarter per Reach
* Present at Time of Survey

GRAPHIC SCALE

1" = 100'

0 100 200 Feet

Notes:

Horizontal Datum: Connecticut, CT-0600 NAD 83
Distance Units: U.S. Survey Feet
Vertical Datum: MLLW
Depth Units: U.S. Survey Feet
Vessel Name: CELESTIAL
Sounding System: R2 Sonic 2024 (Multibeam Sonar)
Sounding Frequency: 300 kHz
Survey Method: RTK GPS Tides
GPS System: Applanix POS MV (RTK)
RTK Base Station: MTS Smartnet Imax
Software Used: Hypack
Sounding Sort Distance: 30'
Field Books: R&H 4985
Survey No.: CT_10_CRB_20251022_CS_079
Reference NOAA Chart No.: USSCT1FR

General Notes

The sounding information shown on this map represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during October 2025. The positions of aids to navigation were located during survey operations, are provided for information only and should not be used for navigation. Orthoimagery is from a variety of sources and dates and is intended to portray general characteristics of the shoreline and other features. Temporal changes may have occurred since this dataset was collected and some parts may no longer be an accurate representation of the conditions. The information depicted on this map should NOT be used to determine volumes as volumes are determined from more sounding information than shown.

Project Remarks

Federal navigation project not surveyed in its entirety, 15-ft Channel Essex Shoal Reach surveyed with CT_06_CRB_20250702_CS_040..

Water Level Information

Tides were recorded using RTK GPS. NAVD88 to MLLW corrections were logged utilizing NOAA's V-Datum regional model NY/CT/RI Region Version 3.4. The corrections in the project area range from 1.89 to 1.91 feet. MLLW is below NAVD88; therefore, the correction should be added to NAVD88 to convert to MLLW (e.g. -10 NAV88 = -8 MLLW when using a 2-foot correction).

Project Remarks

Federal navigation project not surveyed in its entirety, 15-ft Channel Essex Shoal Reach surveyed with CT_06_CRB_20250702_CS_040..

CONNECTICUT RIVER, BELOW HARTFORD

ESSEX COVE

ESSEX AND LYME, CONNECTICUT

CONDITION SURVEY

10 AND 15-FOOT CHANNELS

8 AND 10-FOOT ANCHORAGES

File Name: CT_10_CRB_20251022_CS_079

SHEET IDENTIFICATION

Connecticut River, Essex Cove

Sheet 1 of 3

US Army Corps of Engineers
District: CENAE

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U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT	SURVEYED BY: AJO	CHECKED BY: BTM	ISSUE DATE: 10/31/2025
	SUBMITTED BY: Joshua Bromberg	APPROVED BY: NAE Survey	MAP DOCUMENT CT_10_CRB_20250702_CS_079
SIZE ANSI D			

