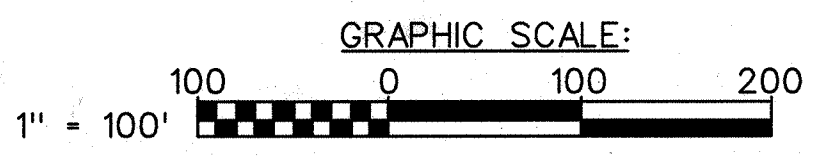


GENERAL NOTES:

1. Soundings are in feet and tenths. The reference plane is Mean Lower Low Water (MLLW), and is based on the 1983-2001 Tidal Epoch. Any soundings noted with a (+) are above the reference plane of MLLW.
2. Topography shown is from previous surveys and/or NOAA Chart Nos. 12372.5 and 12375. All topography, including shoreline, bridges, piers, etc., is located approximate unless otherwise noted and should be used as a general reference only.
3. Bench Mark Data: Tides were recorded using RTK GPS. A Hypack KTD file was created from MLLW to NAVD88; corrections established or published in the vicinity of NOAA Bench Marks at Lyme Hwy. Br., CT. River, CT. (Station ID: 8462764, 05/07/2003), Tylerville, CT. River, CT. (Station ID: 8463348, 05/16/2003), Hlganum Creek, CT. River, CT. (Station ID: 8463836, 05/15/2003), Maromas, CT. River, CT. (Station ID: 8463827, 05/15/2003), Middletown, CT. River, CT. (Station ID: 8464336, 06/23/2003), Rocky Hill, CT. River, CT. (Station ID: 8464255, 05/16/2003), South Hartford, CT. River, CT. (Station ID: 8464418, 02/05/2004). The corrections are 2.12 feet for Lyme Hwy. Br., 1.33 feet for Tylerville, 1.11 feet for Hlganum Creek, 0.80 foot for Maromas, 0.61 foot for Middletown, 0.14 foot for Rocky Hill, 0.02 foot for South Hartford. NAVD88 is above MLLW, therefore corrections should be added to NAVD88 to convert to MLLW. No tide gauges were used on this project. Average range of tide is 3.0'.
4. Coordinates shown are based on the Lambert Grid System for the State of Connecticut (Zone 0600) and WAD 1983.
5. Survey was performed using an Reson 9001 Multibeam Sonar System. Horizontal positioning and vertical depths were recorded utilizing a Leica 1200 RTK GPS System. RTK Base Station Saybrook II (2006) was utilized for this survey.
6. The sounding information shown on these charts represents the SHORTEST soundings of those obtained from hydrographic surveys conducted from July thru August 2013.
7. The sounding information depicted on these charts should NOT be used to determine volumes. Volumes are determined from more sounding information than shown. Additional sounding information is available upon request.
8. The information depicted on these charts represents the results of surveys made on the dates indicated, and can only be considered as indicating the general conditions existing at that time.
9. Field Book: R&H 4535

10-Foot depth contour shown thus: _____
 15-Foot depth contour shown thus: _____
 Surveyed by: Robert MacGovern and crew
 Refer to Survey No. 13-1281

| INDEX OF NAVIGATION AIDS | | | |
|--------------------------|----------|-----------------------------|--|
| NO. | DATE | STATE PLANE COORDINATES | GEOGRAPHIC POSITION |
| YC-A | 07/31/13 | N 686831.25 E 1102352.37 | 41° - 20' - 43.8"N 72° - 22' - 38.1"W |
| YC-B | 07/31/13 | N 687651.78 E 1101699.43 | 41° - 20' - 51.9"N 72° - 22' - 46.6"W |
| YC-D | 07/31/13 | N 687967.58 E 1100677.30 | 41° - 20' - 55.1"N 72° - 22' - 60.0"W |
| YC-E | 07/31/13 | N 687863.81 E 1101549.75 | 41° - 20' - 54.0"N 72° - 22' - 48.5"W |
| YC-F | 07/31/13 | N 688849.59 E 1101330.38 | 41° - 21' - 03.8"N 72° - 22' - 51.4"W |
| YC-G | 07/31/13 | N 689131.46 E 1100630.97 | 41° - 21' - 06.6"N 72° - 23' - 00.5"W |
| YC-H | 07/31/13 | N 689288.01 E 1100674.16 | 41° - 21' - 08.1"N 72° - 22' - 59.9"W |
| YC-I | 07/31/13 | N 689023.92 E 1101306.36 | 41° - 21' - 05.5"N 72° - 22' - 51.7"W |
| YC-J | 07/31/13 | N 690720.62 E 1101283.57 | 41° - 21' - 22.2"N 72° - 22' - 51.9"W |
| FI R-26 | 07/31/13 | N 688021.85 E 1101707.64 | 41° - 20' - 55.6"N 72° - 22' - 46.5"W |
| RN-28 | 07/31/13 | N 690324.83 E 1101710.75 | 41° - 21' - 18.3"N 72° - 22' - 46.3"W |



US Army Corps of Engineers
New England District

| DATE | APPROVAL | DESCRIPTION |
|------|----------|-------------|
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| | | |

DATE: 4/25/2014
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 DESIGNED BY: [Signature]
 FILE NAME: [Signature]
 SIZE: [Signature]

CONNECTICUT RIVER, BELOW HARTFORD
 SAYBROOK TO HARTFORD, CT
 ESSEX SHOALS
 10 AND 15-FOOT CHANNELS
 8 AND 10-FOOT ANCHORAGES

SHEET IDENTIFICATION
V-101
 SHEET 1 OF 2

