

**REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE
(ER 1130-2-520)**

DATE: **March 31, 2016**

<p>T0: NAVIGATION INTEREST</p>	<p>FROM:</p>
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<p>RIVER/HARBOR NAME AND STATE: Housatonic River, Connecticut Dwg. No. HOU-515, Sheets 1-10 of 10, Dated 31 March 2016</p>	<p>MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD</p>
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NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nautical miles)	MLLW DEPTH (feet)			
<u>CONDITION SURVEY</u>							
<u>18-Foot Channel</u>							
From about 60' seaward of Housatonic Breakwater Light (FI R-2A) upstream 1,500'	2/16	200	.25	18.0	13.0	13.8	12.9
Thence upstream 1,410' to Buoy RN-4	2/16	200	.23	18.0	16.1	16.0	14.0 ⁽¹⁾
Thence upstream 3,940' to Buoy RN-10	2/16	200	.65	18.0	16.7 ⁽²⁾	16.3	15.1 ⁽³⁾
Thence upstream 2,970' to Buoy RN-12 (about 340' upstream of Beacon FI G-11)	2/16	200	.49	18.0	14.9 ⁽⁴⁾	15.8	16.3 ⁽⁵⁾
Thence upstream 2,315' to Buoy RN-16	2/16	200 to 250 to 200	.38	18.0	14.7 ⁽⁷⁾	8.2	7.8 ⁽⁶⁾
Thence upstream 3,750' to Buoy GC-21	2/16	200 to 250	.62	18.0	6.7	9.6	10.0
Thence upstream 795' to Buoy GC-23	2/16	250	.13	18.0	2.7	7.4	12.5
Thence upstream 3,135' to about the seaward face of Washington Street Bridge	2/16	200 to 125	.52	18.0	8.8 ⁽⁸⁾	9.3	11.7

GENERAL NOTE: The information shown on this sheet(s) represents the results of surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time.

FOOT NOTES:

- (1). Except for shoaling to 11.7' within 10' of limit.
- (2). Except for shoaling to 14.7' within 20' of limit.
- (3). Except for shoaling to 11.4' within 20' of limit.
- (4). Except for shoaling to 13.9' within 20' of limit.
- (5). Except for shoaling to 14.3' within 20' of limit.
- (6). Except for shoaling to 7.5' within 10' of limit.
- (7). Except for shoaling to 5.5' within 20' of limit.
- (8). Except for shoaling to 8.4' within 10' of limit.

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PAGE 2 OF 2 PAGES

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RIVER/HARBOR NAME AND STATE: Housatonic River, Connecticut
Dwg. No. HOU-515, Sheets 1-10 of 10, Dated 31 March 2016

MINIMUM DEPTHS IN
CHANNEL ENTERING FROM SEAWARD

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nautical miles)	MLLW DEPTH (feet)			
<u>CONDITION SURVEY</u>							
<u>18-Foot Channel</u>							
Thence upstream 1,960' to about 30' upstream from face of Rail Road Bridge	2/16	200 to 370 to 85	.32	18.0	9.6	8.9	(9) 8.5
Thence upstream 3,690' (about 345' upstream of Buoy GC-29 to the end of The 18-Foot Channel)	2/16	85 to 330 to 200	.61	18.0	(10) 6.4	(11) 5.5	5.7

GENERAL NOTE: The information shown on this sheet(s) represents the results of surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time.

FOOT NOTES:

- (9). Except for shoaling to 7.4' within 10' of limit.
- (10). Except for shoaling to 3.1' within the last 150' of 18-Foot Channel.
- (11). Except for shoaling to 3.4' within the last 150' of 18-Foot Channel.