

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

DATE: **April 25, 2014**

<p><b>TO:</b></p> <p align="center"><b>NAVIGATION INTEREST</b></p>	<p><b>FROM:</b></p>
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RIVER/HARBOR NAME AND STATE: Connecticut River below Hartford, Connecticut Dwg. No. CRB-1024, Sheet(s) 1-2 of 2, Dated 25 April 2014	MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD
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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)			
<b><u>CONDITION SURVEY</u></b>							
<b><u>Essex Shoal</u></b>							
<b><u>15-Foot Channel</u></b>							
From about 590' upstream of Essex Reef Lt. (FI G-25) upstream 940' to Buoy FI R-26	7/13	150	.15	15.0	11.9	10.7	9.6
Thence upstream 2,360' to Buoy RN-28	7/13	150	.39	15.0	10.8	9.7	9.8
Thence upstream 535' to end of 15-foot channel	7/13	150	.09	15.0	15.0	14.8	14.1
<b><u>10-Foot Channel</u></b>							
From about 500' upstream of Buoy YC-A upstream 1,700' to about 150' upstream of Buoy YC-D	7 & 8/13	100	.28	10.0	(1) 8.1	8.1	8.3
Thence upstream 1,650' to about 625' upstream of Buoy YC-H	7 & 8/13	100	.27	10.0	9.3	9.3	9.6
Thence upstream 1,810' to end of 10-Foot Federal Channel (about 650' upstream of Buoy YC-J)	7 & 8/13	100	.30	10.0	10.0	10.0	10.0

**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 4.7' along south limit within 100' of Buoy YC-D.

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FROM:

RIVER/HARBOR NAME AND STATE: Connecticut River below Hartford, Connecticut  
Dwg. No. CRB-1024, Sheet(s) 1-2 of 2, Dated 25 April 2014

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)			
<b><u>CONDITION SURVEY</u></b>							
<b><u>Essex Shoal</u></b>							
<b><u>10-Foot Anchorage</u></b>	7 & 8/13		13.1 acres	10.0		7.8	
<b><u>8-Foot Anchorage</u></b>	7 & 8/13		19.8 acres	8.0		8.0	

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**FOOT NOTES:**