

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

PAGE 1 OF 2 PAGES

DATE: **March 6, 2015**

TO: NAVIGATION INTEREST	FROM:
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RIVER/HARBOR NAME AND STATE: Mystic River, Mystic, Connecticut Dwg. No. MYC-411, Sheets 1-7 of 7, Dated 6 March 2015	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)			
<u>AFTER DREDGE SURVEY</u>							
<u>15-Foot Channel</u>							
From about opposite the Noank Light upstream about 3,660' to Buoy RN-16	1/15	125	.60	15.0	(1) 15.0	15.0	15.0
Thence upstream 5,600' to Buoy GC-27	1/15	125	.92	15.0	15.0	15.0	(2) 15.0
Thence upstream 4,040' (about 1,325' upstream of Buoy GC-31)	1/15	125	.66	15.0	15.0	15.0	15.0
Thence upstream 1,500' (about 575' from the upstream end of the R.R. Swing Bridge Pier)	1/15	125 to 100	.25	15.0	(3) 15.0	15.0	15.0
Thence upstream 1,645' to end of 15' channel (North side of RTE 1 Bridge)	1/15	100 to 75	.27	15.0	(4) 15.0	(5) 15.0	(6) 15.0
<u>12-Foot Channel</u>							
Thence upstream 4,450' to upstream end of 12-Foot channel	1/15	75 to 100	.73	12.0	(7) 12.0	12.0	12.0

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 isolated shoaling to 13.3' within 10' of limit located about 550' upstream of Buoy RN-14.
- (2). Except for isolated shoaling to 14.7' within 5' of limit located about 260' seaward of Buoy RN-24.
- (3). Except for shoaling to 14.8' within 10' of limit located from south end of R.R. Swing Bridge Pier upstream about 350'.
- (4). Except for shoaling to 11.0' located under the Route 1 bridge.
- (5). Except for shoaling to 13.1' located under the Route 1 bridge.
- (6). Except for shoaling to 10.7' from about 540' to 1,040' seaward of Route 1 bridge; Except for shoaling to 12.1' under Route 1 bridge; Encroachment of piles in the vicinity of the Seaport Marine.
- (7). Except for isolated shoaling to 11.8' within 10' of limit located about 130' upstream of Buoy GC-51.

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Dwg. No. MYC-411, Sheets 1-7 of 7, Dated 6 March 2015

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)			
<p><u>9-Foot Anchorage</u></p> <p>Adjacent to the east limit of the 15-Foot channel about 380' seaward to about 915' upstream of Buoy GC-31</p>	1/15		7.8 acres	9.0		(8) 9.0	
<p><u>9-Foot Turning Basin</u></p> <p>About 50' to 250' upstream of upstream end of R.R. Swing Bridge Pier</p>	1/15		0.7 acre	9.0		9.0	

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:

(8). Except for isolated shoaling to 8.7' within 100' radius of southeast corner.