

**REPORT OF CHANNEL CONDITIONS
400 FEET WIDE OR GREATER
(ER 1130-2-520)**

DATE **June 02, 2016**

TO: NAVIGATION INTEREST	FROM:
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RIVER/HARBOR NAME AND STATE: Mystic River, Massachusetts Dwg. No. MYM-408, Sheets 1-2 of 2, Dated 01 June 2016	MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD
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NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MID-CHANNEL		RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nautical miles)	MLLW DEPTH (feet)		LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	
<u>CONDITION SURVEY</u>								
<u>40-Foot Channel</u>								
From about 130' seaward of the Maurice E. Tobin Fixed Bridge upstream about 3,075'	6/15	550 to 1000	.51	40.0	38.8	40.0	40.0	(1) 38.1
Thence 2,480' upstream	6/15	1000 to 440	.41	40.0	38.2	(2) 40.0	(3) 40.0	(4) 39.8
<u>35-Foot (North) Channel</u>								
Thence 940' upstream about 200' seaward of Malden Bascule Bridge	6/15	440 to 150	.15	35.0	(5) 29.6	29.8	(6) 30.7	31.7
<u>35-Foot (South) Channel</u>								
From about 3,100' upstream of the Maurice E. Tobin Fixed Bridge upstream 1,935' to upstream end of the 35-Foot Channel Limit	6/15	330 to 590	.32	35.0	30.6	31.4	(7) 32.3	(8) 32.1
<u>35-Foot Channel Maintained to 30-Ft Channel</u>								
Thence 920' upstream to upstream end of the 30-Foot Channel Limit	6/15	590	.15	30.0	(9) 25.1	22.5	22.9	22.8

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 35.6' within 50' of limit.
- (2). Except for shoaling to 38.8' within 40' seaward of upstream end of 40-Foot limit.
- (3). Except for shoaling to 39.0' within 80' seaward of upstream end of 40-Foot limit.
- (4). Except for shoaling to 39.4' within 100' seaward of upstream end of 40-Foot limit.
- (5). Except for shoaling to 27.0' within 20' of upstream limit.
- (6). Except for shoaling to 25.1' within 20' of upstream limit.
- (7). Except for shoaling to 31.6' within 40' of upstream limit.
- (8). Except for shoaling to 31.2' within 50' of upstream limit.
- (8). Except for shoaling to 24.2' within 10' of upstream limit.