

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

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DATE: **June 02, 2016**

T0: NAVIGATION INTEREST

FROM:

RIVER/HARBOR NAME AND STATE: Chelsea River, Chelsea and East Boston, Massachusetts, Dwg. No. BOS-1923, Sheets 1-3 of 3, Dated 02 June 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>38-Foot Channel</u>							
From about 100' seaward of the center of the McArdle Bascule Bridge upstream about 4,500' (420' seaward from the Chelsea Street Bridge)	08-09/15	Varies; 175 to 248	.74	38.0	(1) 37.6	38.0	(2) 37.0
Through the Chelsea Street Bridge upstream 600' (about 100' upstream from the Chelsea Street Bridge)	08-09/15	Varies; 175 to 200	.10	38.0	(3) 38.0	38.0	(4) 38.0
Thence upstream 3,780' to end of 38-Foot Channel and beginning of 38-Foot Turning Basin	08-09/15	Varies; 185 to 430	.62	38.0	(5) 37.4	37.9	37.2
<u>38-Foot Turning Basin</u>	08-09/15		19.1 acres	38.0		(6) 37.0 Available	

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 37.0' within 10' of limit.
- (2). Except for shoaling to 35.9' within 20' of limit.
- (3). Except for shoaling to 37.4' within 10' of limit.
- (4). Except for shoaling to 20.8' within 20' of limit; Encroachment of a dolphin.
- (5). Except for shoaling to 34.3' within 10' of limit.
- (6). Except for shoaling to 36.6' within 35' of southeast limit.