

**REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE
(ER 1130-2-316)**

DATE: **June 20, 2016**

<p>T0: NAVIGATION INTEREST</p>	<p>FROM:</p>
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<p>RIVER/HARBOR NAME AND STATE: Newburyport Harbor, Newburyport, MA Dwg. No. NEB-203, Sheets 1-4 of 4, Dated 20 June 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>15-Foot Channel</u>							
From about 1,675' seaward of Buoy GC-3 upstream about 6,405' (about 300' seaward of Buoy FL; G-7)	5/16	400 to 250	1.05	15.0	(1) 8.3	(2) 8.6	(3) 9.9
<u>9-Foot Channel</u>							
Thence upstream 2,860' (about 250' upstream of Buoy FL R-8)	5/16	300 to 200	.47	9.0	9.0	7.8	9.0
Thence upstream 7,630' (about 750' seaward of Buoy FL G-15)	5/16	200	1.26	9.0	7.5	8.5	9.0
Thence upstream 3,510' (about 1,050' upstream of Buoy GC-17)	5/16	200	.58	9.0	7.3	6.9	6.1
Thence upstream 2,692' to upstream end of the Federal Navigation Project	5/16	200	.44	9.0	9.0	9.0	(4) 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:

- (1). Shoal located from about 480' to about 2,000' upstream of Buoy GC-3; 15.0' available elsewhere.
- (2). Shoal located from about 450' to about 1,750' upstream of Buoy GC-3; 15.0' available elsewhere.
- (3). Shoal located from about 450' to about 1,200' upstream of Buoy GC-3; 15.0' available elsewhere; Except for shoaling to 1.7' within 60' of limit.
- (4). Except for shoaling to 8.4' within 10' of limit located from about 500' to about 550' upstream of Buoy RN-22.