

**REPORT OF CHANNEL CONDITIONS  
400 FEET WIDE OR GREATER  
(ER 1130-2-316)**

DATE: **September 14, 2011**

TO:	FROM:
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RIVER/HARBOR NAME AND STATE: Portland Harbor, Portland, Maine Dwg. No. 2679, Sheets 1-6 of 6, Dated 14 September 2011	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)	
<b><u>CONDITION SURVEY</u></b>								
<b><u>45-Foot Channel</u></b>								
From about 1,500' seaward of Buoy R & W GONG PH upstream 8,820' to limit of 45-foot channel (about 340' seaward of Buoy FI G-3)	4/07	1,000 to 1,650	1.45	45.0	45.0	45.0	45.0	45.0
<b><u>45-Foot House Island Anchorage</u></b>								
Northeast of the 45-foot channel and north of House Island	7/05		230 acres	45.0		40.3 <sup>(1)</sup>		
<b><u>35-Foot Channel</u></b>								
Thence upstream 5670' (about 200' upstream from Maine State Pier)	10-11/10	1,650 to 1,265	.93	35.0	30.0 <sup>(2)</sup>	31.3	33.6	33.4 <sup>(3)</sup>
Thence upstream 4,090' (about 630' seaward of the Portland Casco Bay Bridge)	10-11/10	1,265 to 645	.67	35.0	30.8	32.0	32.8	33.0 <sup>(4)</sup>
Thence upstream 920' (about 125' upstream from the Portland Casco Bay Bridge)	10-11/10	645 to 250 to 310	.15	35.0	20.1	35.0	34.9	34.1 <sup>(5)</sup>

**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 39.8' within 10' of east anchorage limit from about 1,000' to 1,200' upstream of Buoy RN-6.
- (2). Except for shoaling to 29.1' within 40' of limit.
- (3). Except for shoaling to 23.4' within 30' of limit in the vicinity of Maine State Pier.
- (4). Except for shoaling to 32.0' within 50' of limit and encroachment of piles and floats within 5' of limit in the vicinity of Chandlers Wharf.
- (5). Except for shoaling to 33.3' within 20' of limit.

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Dwg. No. 2679, Sheets 1-6 of 6, Dated 14 September 2011

MINIMUM DEPTHS IN  
CHANNEL ENTERING FROM SEAWARD

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)	
<b><u>CONDITION SURVEY</u></b>								
<b><u>35-Foot Channel</u></b>								
Thence upstream 4,145' (about 60' upstream of Buoy FI G-5)	10-11/10	310 to 400	.68	35.0	(6) 34.0	34.5	33.8	(7) 31.9
Thence upstream 3,145' (about 610' upstream of Buoy FI R-6)	10-11/10	400 to 500 to 300	.52	35.0	30.9	30.9	33.0	32.3
Thence upstream about 380' to upstream end of Federal Navigation Project	10-11/10	190	.06	35.0	33.8	33.9	33.1	33.7
<b><u>35-Foot South Turning Basin</u></b>	10-11/10		11.53 acres	35.0		30.4	available	
<b><u>35-Foot North Turning Basin</u></b>	10-11/10		3.44 acres	35.0		33.9	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:**

- (6). Except for shoaling to 33.5' within 10' of limit.
- (7). Except for shoaling to 30.3' within 10' of limit.