

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE (ER 1130-2-316)	PAGE 1 OF 2 PAGES
	DATE: December 14, 2010

TO:	FROM:
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RIVER/HARBOR NAME AND STATE: Penobscot River, Bucksport to Bangor, Maine Dwg. No. 2668, Sheets 1-17 of 17, Dated 14 December 2010	MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD
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NAME OF CHANNEL	DATE OF SURVEY	AOUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH Nautical (miles)	MLLW DEPTH (feet)			
<u>CONDITION SURVEY</u>							
From about 365' upstream of Penobscot Narrows Bridge upstream about 9,250'	9/08		1.52		No controlling depths are issued for this part of river as it considered naturally deep and has never been dredged		
<u>Lawrence Cove 22-Foot Channel</u>			.				
From about 380' seaward of Buoy GC-7 upstream 2,550' (about 725' seaward of Buoy GC-9)	9/08	350	42	22.0	15.3	16.0	18.4
Thence upstream 7,350'	9/08		1.21		No controlling depths are issued for this part of River as it considered naturally deep and Has never been dredged		
<u>Frankfort Flats 22-Foot Channel</u>			.				
From about 1,420' upstream of Buoy GC-11 upstream 4,755 (about 420' upstream of Buoy FI R-14)	9/08	350	.78	22.0	22.0	(1) 20.0	(2) 19.8
Thence upstream 3,265' to about 500' upstream of Buoy RN-16	9/08	350	.54	22.0	20.6	20.7	20.5

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 in area from about 1,500' to about 2,000' upstream of Buoy GC-11; 22.0' available in remainder of reach.
 (2). Shoal located in the vicinity of GC-13; 20.4' available in remainder of reach.

**"NO" Channel Limit REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE
(ER 1130-2-316)**

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NAME OF CHANNEL	DATE OF SURVEY	AOUTHORIZED PROJECT			MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD		
		WIDTH (feet)	LENGTH Nautical (miles)	MLLW DEPTH (feet)	LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
<u>CONDITION SURVEY</u>							
Thence upstream 71,421'	9/08 to 8/09		11.75		No controlling depth are issued for this part of river as it considered naturally deep and has never been dredged		
<u>Bangor Harbor 14-Foot Channel</u>							
From about 1,450' seaward of Coldbrook Energy, Inc. upstream 4,830' to south face of Route 395 bridge	9/09	350	.79	14.0	10.0	12.2	(3) 14.0
Thence 5,020' upstream to the upstream end of Federal Navigation Project		350 to 450	.83	14.0	(4) 14.0	11.9	(5) 8.6

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:

- (3). Except for shoaling to 12.3' within 50' of east limit from about 525' to about 900' seaward of south face of Route 395 bridge.
- (4). Except for shoaling to 13.4' within 20' of west limit from about 1,200' to about 1,400' upstream of north face of Route 395 bridge; shoaling to 7.4' within 50' of west limit from about 600' seaward to upstream end of federal channel limit in vicinity of Route 222 bridge; encroachment by docks, floats and bulkhead within the last 1,400' of reach.
- (5). Except for scattered shoaling to 5.3' located from about 600' seaward to about 1,100' upstream of Kustom Steel.
- (6). Route 395 and Route 222 bridge piers located within the Bangor Harbor channel limit.