

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

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DATE: **February 28, 2014**

TO:	FROM:
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RIVER/HARBOR NAME AND STATE: Union River, Ellsworth and Surry, Maine  
Dwg. No. UNI-2740, Sheets 1-8 of 8, Dated 28 February 2014

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)			
<b><u>CONDITION SURVEY</u></b>							
<b><u>6-Foot Channel (Dredged to 5-Feet in 2002-2003)</u></b>							
From about 210' upstream of Buoy RN-2 upstream 1,750' (1,650' seaward of Buoy RN-4)	9/13	230 to 120	.29	6.0	6.0	6.0	6.0
Thence upstream 3,250'	9/13	120	.53	6.0	2.2	1.9	1.7
Thence upstream 2,900'	9/13	120	.48	6.0	5.9 <sup>(1)</sup>	5.7	6.0
Thence upstream 7,725'	9/13		1.27			See Foot Note 2	
Thence upstream 2,700' to vicinity of Buoy GC-7	9/13	100 to 90	.44	6.0	4.5	5.3	6.0 <sup>(3)</sup>
Thence upstream 3,500' to beginning of 6-Foot Anchorage	9/13	Varies 90 to 130	.58	6.0	4.8	5.0	5.6 <sup>(4)</sup>
<b><u>6-Foot Anchorage</u></b>							
Thence upstream 1,280' to the upstream end of Federal Navigation Project	9/13	Varies 130 to 340	5.92 acres	6.0		5.2 <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 5.3' within 5' along limit.
- (2). No controlling depths are issued for this area, as it is considered naturally deep and has never been dredged.
- (3). Except for shoaling to 5.5' within 5' along limit.
- (4). Except for shoaling to 4.9' within 5' along limit.
- (5). Except for shoaling to 2.4' within 20' along east limit and to 1.4' within last 200' of anchorage; Encroachment by floats and piles in the vicinity of Ellsworth Town Landing.