

**8REPORT OF CHANNEL CONDITIONS**

**100 TO 400 FEET WIDE  
(ER 1130-2-520)**

DATE: **May 30, 2012**

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FROM:

RIVER/HARBOR NAME AND STATE: Pawcatuck River, Stonington, CT & Westerly, RI  
Dwg. No. PK-611, Sheets 1-10 of 10, Dated 30 May 2012

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>10-Foot Channel</u></b>							
From about 10' upstream of Buoy GC-1 upstream about 1,120' (about 170' upstream of Buoy GC-3)	11-12/09	100	.18	10.0	(1) 10.0	10.0	10.0
Thence upstream 260'	11-12/09		.04			See Note 2	
Thence upstream 1,960'	11-12/09	100	.32	10.0	10.0	10.0	10.0
Thence upstream 3,400'	11-12/09		.56			See Note 2	
Thence upstream 1,360' (about 150' upstream of Buoy RN-10)	11-12/09	100	.22	10.0	7.3	8.7	9.1
Thence upstream 300'	11-12/09		.05			See Note 3	
Thence upstream 3,325' to Buoy GC-17	11-12/09	100	.55	10.0	(4) 6.6	7.8	(5) 9.2
Thence upstream 4,450' to R-28	11-12/09	100	.73	10.0	(6) 6.7	7.8	(7) 6.7
Thence upstream 5,225'	11-12/09	100	.86	10.0	4.1	4.8	(8) 4.3
Thence upstream 340'	11-12/09	100 to 125 to 40	.06	10.0	5.4	6.1	(9) 5.4

**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 9.9' within 5' along limit from about 450' to about 700' upstream of Buoy GC-1.
- (2). No controlling depths are issued for this area as it is considered to be naturally deep and has never been dredged.
- (3). Shoaling to 9.9' noted in naturally deep area.
- (4). Except for shoaling to 4.6' within 10' along limit from about 150' seaward to about 300' upstream of Buoy RN-14 (the vicinity of Certain Draw Point).
- (5). Except for shoaling to 7.9' within 5' along limit from about 25' to about 3,050' seaward of Buoy RN-16.
- (6). Except for shoaling to 6.3' within 5' along limit.
- (7). Except for shoaling to 6.2' within 10' along limit.
- (8). Encroachment by floats and piles in the vicinity of Viking and Westerly Marinas and abandoned piles in and adjacent to Pier 65 Marina.
- (9). Except for shoaling to 3.1' within 10' radius at east corner of limit.

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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)			
<p><b><u>CONDITION SURVEY</u></b></p> <p><b><u>7-Foot Channel</u></b></p> <p>Thence upstream 2,110' to upstream end of Federal Navigation Project</p>	11-12/09	40	.35	7.0		(10) 6.6	

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:

(10). Except for shoaling to 3.5' in the last 210' of Federal Navigation Project.