

**REPORT OF CHANNEL CONDITIONS
NATURAL CHANNEL
(ER 1130-2-520)**

DATE: **September 23, 2013**

TO:	FROM:
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RIVER/HARBOR NAME AND STATE: Warren River, Warren, Rhode Island Dwg. No. WAR-3, Sheet(s)1-2 of 2, Dated 23 September 2013	MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD
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NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			DEPTH AVAILABLE
		WIDTH (feet)	LENGTH Nautical (miles)	MLLW DEPTH (feet)	
<u>CONDITION SURVEY</u>					
<u>12-Foot Natural Channel</u>					
At the mouth of the Warren River, east of Rumstick Point in the vicinity of Buoy RN-6, upstream about 2,940' to the Allen Rock Light	7/13	300	0.48	12.0	(1) 12.0
Thence upstream 2,090' to Buoy RN-14	7/13	300 to 230 to 300	0.34	12.0	(2) 12.0
Thence upstream about 1,180' to Buoy RN-16	7/13	300 to 90 to 200	0.19	12.0	(3) 12.0
Thence upstream about 2,800'	7/13	200 to 180	0.46	12.0	(4) 12.0
Thence upstream 1,460' to end of Federal project about 400' south of Little Island in the vicinity of Buoy R/G (a red and green junction buoy)	7/13	60	0.24	12.0	(5) 5.9

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). The minimum channel width available at 12.0' in this stretch is 300'.
- (2). The minimum channel width available at 12.0' in this reach is 230'; isolated shoaling to 11.4' about 285' south of Buoy GC-15.
- (3). The minimum channel width available at 12.0' in this reach is 90'; isolated shoals to 10.7' scattered within channel.
- (4). The minimum channel width available at 12.0' in this reach is 180'; isolated shoaling to 10.7' scattered within the channel.
- (5). The minimum channel width available at 12.0' in this reach is 60' in eastern portion of river; prevalent shoaling to 5.9' elsewhere.