

**REPORT OF CHANNEL CONDITIONS  
(FOR CHANNELS 400 FEET WIDE OR GREATER)**

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DATE: 02 June 2016

**TO:** The Record

**FROM:** U.S. Army Corps of Engineers  
26 Federal Plaza, ATTN: CENAN-OP-ST  
New York, NY 10278-0090

**RIVER/HARBOR NAME AND STATE:**  
Fire Island Inlet Federal Navigation Channel, NY

**MINIMUM DEPTHS IN  
CHANNEL ENTERING FROM SEAWARD**

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)				
<b>Fire Island Inlet:</b> Begins approximately 415 feet landward of RED BUOY #2 W/LIGHT and ends approximately 195 feet seaward of GREEN BUOY #9, approximately 1,100 feet North of the stone jetty.	Map 214 Pgs. 1-2 of 30 March 2016	450	1.53	10	1.8	2.4	1.2	+6.3

**REMARKS:**

- All depths are relative to Mean Lower Low Water (MLLW).
- Channel Reach Lengths are in nautical miles.

**Fire Island Inlet**

- Project depth is available at the entrance of the channel for approximately 565 feet landward before the presence of two spot shoals in the Left Outside Quarter. Thence, shoaling exists in the Left and Right Inside Quarters of the channel, commencing from approximately 1,190 feet landward of RED BUOY #2 W/LIGHT and extending landward for approximately 830 feet. Major shoaling commences in the Right Outside Quarter and gradually spreads across the entire width of the channel, beginning at approximately 2,190 feet landward of RED BUOY #2 W/LIGHT and continues landward until approximately 1,000 feet seaward of RED BUOY #8 W/LIGHT. The controlling depth of +6.3 feet MLLW exists in the Right Outside Quarter at approximately 1,400 feet landward of RED NUN #4.
- Additional shoaling exists in the Right Outside Quarter, beginning at approximately 270 feet seaward from GREEN CAN #7 W/LIGHT and extends diagonally across the width of the channel and exits at the end of the channel, approximately 90 feet seaward of GREEN CAN #9.