

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

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DATE: 14 June 2017

TO: The Record

FROM: U.S. Army Corps of Engineers
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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)				
Fire Island Inlet: Begins approximately 6,100 feet seaward of RED BUOY #8 W/LIGHT and ends approximately 150 feet seaward of GREEN BUOY #9, approximately 1,100 feet North of the stone jetty.	Map 215 Pgs. 1-2 of 31 March 27 April 2017	450	1.53	10	3.6	1.2	+5.5	+5.7

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 major shoaling occurs across all quarters for approximately 4,500 feet landward. Positive elevations exist within these parameters of shoaling with the controlling depth of +5.7 feet in the Right Outside Quarter.
- Additional shoaling begins in the Right Outside Quarter at approximately 200 feet seaward of GREEN CAN #7 W/LIGHT and extends diagonally across the width of the channel and continues to the end of the channel, approximately 150 feet seaward of GREEN CAN #9 W/ LIGHT.