

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

DATE: 28 May 2023

**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 (miles)	DEPTH (feet)				
<b>Fire Island Inlet:</b> Begins approximately 475 feet landward of RED NUN #2 W/LIGHT EBB and ends approximately 1015 feet landward of GREEN CAN #7 W/LIGHT EBB.	File 5270/AL Pgs. 2-4 of 4; 10-13, 21, 25 & 26 April and 5 May 2023	450	1.51	10	+5.1	+7.1	+6.6	+6.8

**REMARKS:**

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

**Fire Island Inlet**

- Major shoaling exists across the entire channel starting approximately 1900 feet landward from the start of the reach and extends approximately 2480 feet landward. There are several areas of shoaling across and in the center along the remaining landward portion of the reach.
- The controlling depth of +7.1 feet MLLW exists in Left Inside Quarter at approximately 2,880 feet landward from GREEN CAN #3 W/LIGHT FLOOD.