

**REPORT OF CHANNEL CONDITIONS  
100 TO 400 FEET WIDE**

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**DATE** 29 May 2018

**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:**  
Long Island Intracoastal Waterway, New York

**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 (nmiles)	DEPTH (feet)			
<b>Reach D (partial):</b> Begins approximately 5,900 feet seaward of GREEN CAN #23 W/LIGHT and continues landward to a point approximately 855 feet seaward of GREEN CAN #23 W/LIGHT	File #235 Sheets 28-32; 17-19 April 2018	100	0.831	6	1.3	+0.7	+1.0
<b>Reach E (partial)</b> Begins approximately 855 feet seaward of GREEN CAN #23 W/LIGHT and ends approximately 5,180 feet landward of GREEN CAN #29 W/LIGHT FLOOD.	File #235 Sheets 28-32; 17-19 April 2018	100	2.14	6	0.7	0.9	1.4

**REMARKS:**

- All depths are relative to Mean Lower Low Water.
- The channel reach lengths are in nautical miles.

**LONG ISLAND INTRACOASTAL WATERWAY**

- **Reach D (partial):**
  - Shoaling exists across the majority of the channel width, beginning approximately 5,860 feet seaward of GREEN CAN #23 W/LIGHT to end approximately 1,490 feet seaward of GREEN CAN #23 W/LIGHT.
  - Shoaling exists in the Left Outside Quarter and Middle Half beginning approximately 1,375 feet seaward of GREEN CAN #23 W/LIGHT and ending at the boundary of the reach.
  - The controlling depth of +1.0 feet MLLW is located approximately 2,490 feet landward of GREEN CAN #23 W/LIGHT.

- **Reach E (partial):**

- Shoaling exists in the Left Outside Quarter and Middle Half beginning at the reach boundary at approximately 855 feet seaward of GREEN CAN #23 W/LIGHT and continuing approximately 495 feet landward.
- Shoaling exists across the majority of the channel width beginning at approximately 510 feet landward of RED NUN #26 W/LIGHT and tapers to sporadic shoaling in the Left Outside Quarter and Right Outside Quarter ending at approximately 1,130 feet landward of GREEN CAN #29 W/LIGHT.
- Minor spot shoaling in the Right Outside Quarter located at approximately 1,875 feet landward of GREEN CAN #29 W/LIGHT.
- The controlling depth of 0.7 feet MLLW is located approximately 1,400 feet seaward of RED NUN #26 W/LIGHT