

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

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DATE 13 December 2022

TO: The Record

FROM: U.S. Army Corps of Engineers
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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)			
Partial Reach D: Begins approximately 6,055 feet seaward of GREEN W/LIGHT #23 EBB and ends approximately 1,045 feet seaward of GREEN W/LIGHT #23 EBB	File #5237/AL Sheets 2-4; 21,22,28 Nov & 1, 2 Dec 2022	100 - 253	3.5	6	4.0	4.2	4.1
Partial Reach E: Begins approximately 1,045 feet seaward of GREEN W/LIGHT #23 EBB and ends approximately 7,620 feet landward of RED W/LIGHT #24 EBB.	File #5237/AL Sheets 4-7; 21,22,28 Nov & 1, 2 Dec 2022	100	2.9	6	4.3	4.7	3.4

REMARKS:

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

LONG ISLAND INTRACOASTAL WATERWAY

- **Partial Reach D:**
 - Near the beginning of the partial reach, shoaling exists across the entire width of the channel and runs approximately 1,770 feet landward. Afterwards no shoaling exists in the channel except for some minor toe shoal near the end of the reach.
 - The controlling depth of -4.0 feet MLLW exists in the Left Outside Quarter at approximately 4,720 feet seaward of GREEN W/LIGHT #23 EBB.
- **Partial Reach E:**
 - At the beginning of the reach, some minor toe shoaling exists in Left Outside Quarter then no shoaling exists in the channel until 4,080 feet landward of RED W/LIGHT #24 EBB. Afterwards shoaling exists in the majority of the channel until the end of the partial reach.
 - The controlling depth of -3.4 feet MLLW exists in the Right Outside Quarter at approximately 4,620 feet landward of RED W/LIGHT #24 EBB.