

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

PAGE 1 OF 3 PAGES

DATE 05 August 2025

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)			
Reach A: Begins at the intersection of the Patchogue River and the Great South Bay Channel and ends approximately 100 feet seaward of GREEN #1 W/LIGHT EBB.	File #5572 Sheets 2-9 of 66; 19 May - 05 June 2025	100	3.46	6	7.4	7.2	6.9
Reach B: Begins approximately 100 feet seaward of GREEN #1 W/LIGHT EBB and ends approximately 190 feet landward of GREEN #11 W/LIGHT FLOOD.	File #5572 Sheets 9-17 of 66; 19 May - 05 June 2025	100	3.67	6	4.9	5.4	4.7
Reach C: Begins approximately 190 feet landward of GREEN #11 W/LIGHT FLOOD and ends approximately 100 feet seaward of GREEN #9 W/LIGHT EBB.	File #5572 Sheets 17-24 of 66; 19 May - 05 June 2025	100	3.03	6	4.2	2.2	1.1
Reach D: Begins approximately 100 feet seaward of GREEN #9 W/LIGHT EBB and ends approximately 1,080 feet seaward of GREEN #23 W/LIGHT FLOOD.	File #5572 Sheets 24-32 of 66; 19 May - 05 June 2025	100-253	3.46	6	3.8	+0.3	0.0
Reach E: Begins approximately 1,080 feet seaward of GREEN #23 W/LIGHT FLOOD and ends approximately 515 feet seaward of GREEN #31 W/LIGHT EBB.	File #5572 Sheets 32-38 of 66; 19 May - 05 June 2025	100	2.86	6	2.4	0.2	0.1
Reach F: Begins approximately 515 feet seaward of GREEN #31 W/LIGHT EBB and ends at JESSUP LANE BRIDGE.	File #5572 Sheets 38-42 of 66; 19 May - 05 June 2025	100-195	2.43	6	3.5	4.5	4.8

Reach G: Begins at JESSUP LANE BRIDGE and ends approximately 650 feet seaward of CAN #1 EBB.	File #5572 Sheets 42-50 of 66; 19 May - 05 June 2025	100-200	3.23	6	3.8	4.3	1.7
Reach H: Begins approximately 650 feet seaward of CAN #1 EBB and ends at PONQUOQUE BRIDGE.	File #5572 Sheets 50-59 of 66; 19 May - 05 June 2025	100	4.26	6	3.2	2.0	0.8
Reach I: Begins at PONQUOQUE BRIDGE and ends approximately 1,665 feet landward of RED #34 W/LIGHT EBB.	File #5572 Sheets 59-66 of 66; 19 May - 05 June 2025	100	3.04	6	1.0	3.9	2.8

REMARKS:

- All depths are relative to the Mean Lower Low Water (MLLW) datum.
- The channel reach lengths are in nautical miles.

LONG ISLAND INTRACOASTAL WATERWAY

- **Reach A:**
 - No shoaling exists in this reach.
 - The controlling depth of -6.9 MLLW exists in the Right Outside Quarter approximately 2,365 feet seaward of the end of this reach.
- **Reach B:**
 - At various locations throughout this reach, shoaling exists along the toe of the Right Outside Quarter extending into the Middle Half of the channel, and along the toe of the Left Outside Quarter extending into the Middle Half of the channel. However, authorized depth is available across the channel's entire width for much of this reach.
 - The controlling depth of -4.7 feet MLLW exists in the Right Outside Quarter approximately 1,070 feet landward of NUN #8 FLOOD.
- **Reach C:**
 - Shoaling exists in the Left Outside Quarter, Middle Half, and Right Outside Quarter at various locations throughout this reach. For a portion of the channel length between RED #6 W/LIGHT FLOOD and CAN #7 FLOOD, shoaling exists across the channel's entire width. However, authorized depth is available across the channel's entire width for much of this reach.
 - The controlling depth of -1.1 feet MLLW exists in the Right Outside Quarter approximately 625 feet seaward of CAN #7 FLOOD.
- **Reach D:**
 - Much of the shoaling in this reach exists between GREEN #15 W/LIGHT FLOOD and the end of the reach. However, authorized depth is available across the channel's entire width for approximately much of the first 2.6 nautical miles of this reach.
 - The controlling depth of +0.3 feet MLLW exists in the Middle Half of the channel approximately 2,290 feet seaward of GREEN #23 W/LIGHT.
- **Reach E:**
 - Shoaling exists in the Left Outside Quarter, Middle Half, and Right Outside Quarter at various locations throughout this reach. However, authorized depth is available across the channel's entire width for significant stretches of channel length throughout this reach.
 - The controlling depth of -0.1 feet MLLW exists in the Right Outside Quarter approximately 1,775 feet landward of RED #4 W/LIGHT.

- **Reach F:**
 - Shoaling exists in the Left Outside Quarter, Middle Half, and Right Outside Quarter at various locations throughout this reach from approximately 1,125 feet seaward of RED #34 W/LIGHT FLOOD to the end of the reach. However, authorized depth is available across the channel's entire width for approximately the first 0.9 nautical miles of this reach.
 - The controlling depth of -3.5 feet MLLW exists along the channel's toe in the Left Outside Quarter approximately 70 feet seaward of the end of this reach.

- **Reach G:**
 - Shoaling exists in the Left Outside Quarter, Middle Half, and Right Outside Quarter at various locations throughout this reach; and at times the shoaling extends across the channel's entire width. The areas of shoaling are surrounded by pockets of channel length where authorized depth is available across the channel's entire width.
 - The controlling depth of -1.7 feet MLLW exists in the Right Outside Quarter approximately 180 feet landward of RED #10 W/LIGHT EBB.

- **Reach H:**
 - Shoaling exists in the Left Outside Quarter, Middle Half, and Right Outside Quarter at various locations throughout this reach; and at times the shoaling extends across the channel's entire width. The areas of shoaling are surrounded by pockets of channel length where authorized depth is available across the channel's entire width.
 - The controlling depth of -0.8 feet MLLW exists near the channel's toe in the Right Outside Quarter approximately 1,265 feet seaward of GFEEN #13 W/LIGHT EBB.

- **Reach I:**
 - Shoaling exists in the Left Outside Quarter, Middle Half, and Right Outside Quarter at various locations throughout this reach. However, authorized depth is available across the channel's entire width throughout much of this reach.
 - The controlling depth of -1.0 feet MLLW exists along the channel's toe in the Left Outside Quarter approximately 140 feet seaward of the end of this reach.