

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE					PAGE 1 OF 2 PAGES		
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)			
Partial Reach D Section 1: Begins approximately 1,100 feet seaward of WHITE 'DANGER' BUOY W/LIGHT & MOORING BALL EBB and ends approximately 170 feet seaward of WHITE 'DANGER' BUOY W/LIGHT & MOORING BALL EBB.	File #239 Sheets 1; 30 JAN 2019	100	0.41	6	6.0	6.2	5.0
Partial Reach D Section 2: Begins approximately 3,875 feet seaward of GREEN CAN #23 W/LIGHT FLOOD and ends approximately 1,070 feet seaward of GREEN CAN #23 W/LIGHT FLOOD.	File #237 Sheets 1-2; 15-16 JAN 2019	100	0.46	6	5.2	5.5	5.5
Partial Reach E: Begins approximately 1,070 feet seaward of GREEN CAN #23 W/LIGHT and ends approximately 3,655 feet landward of RED NUN #24 W/LIGHT FLOOD.	File #237 Sheets 2-4; 15-16 JAN 2019	100	0.98	6	0.5	5.5	5.8
REMARKS: <ul style="list-style-type: none"> All depths are relative to Mean Lower Low Water. The channel reach lengths are in nautical miles. 							
LONG ISLAND INTRACOASTAL WATERWAY <ul style="list-style-type: none"> Partial Reach D Section 1: <ul style="list-style-type: none"> Shoaling exists in the Right Outside Quarter for approximately 140 feet, centered on the controlling depth. The controlling depth of -5.0 feet MLLW exists in the Right Outside Quarter at approximately 55 feet seaward of White Danger Buoy w/light & Mooring Ball. Partial Reach D Section 2: <ul style="list-style-type: none"> Shoaling exists along the channel's toe in the Left Outside Quarter, commencing approximately 150 feet landward of the beginning of the reach and continuing for approximately 470 feet landward, having a maximum width of approximately 25 feet. Shoaling exists along the channel's toe in the Right Outside Quarter, commencing approximately 95 feet landward of the beginning of the reach, continuing for approximately 330 feet landward. A shoal exists in the Middle Half at approximately 195 feet landward of the beginning of the reach, continuing for approximately 25 feet landward. 							

- **Partial Reach D Section 2 (cont.):**

- A shoal exists in the Right Outside Quarter, commencing approximately 425 feet landward of the beginning of the reach, continuing for approximately 35 feet.
- Shoaling exists along the channel's toe in the Left Outside Quarter, commencing approximately 1,030 feet landward of the beginning of the reach and continuing for approximately 190 feet landward.
- Shoaling exists along the channel's toe in the Left Outside Quarter, commencing approximately 1,140 feet seaward of the end of the reach and continuing for approximately 335 feet landward, having a maximum width of approximately 20 feet.
- Shoaling exists along the channel's toe in the Right Outside Quarter, commencing approximately 905 feet seaward of the end of the reach, continuing for approximately 115 feet landward.
- A shoal in the Left Outside Quarter, extending into the Middle Half, exists at approximately 780 feet seaward of the end of the reach and continues for approximately 40 feet landward, having a maximum width of approximately 25 feet.
- Another shoal exists in the Middle Half at approximately 700 feet seaward of the end of the reach, continuing for approximately 115 feet landward.
- Shoaling exists along the channel's toe in the Right Outside Quarter, commencing approximately 560 feet seaward of the end of the reach and continuing for approximately 215 feet landward, having a maximum width of approximately 20 feet.
- Shoaling along the channel's toe exists in the Left Outside Quarter, commencing approximately 335 feet seaward of the end of the reach, continuing for approximately 245 feet landward.
- The controlling depth of -5.2 feet MLLW exists in the Left Outside Quarter at approximately 1,010 feet seaward of the end of the reach.

- **Partial Reach E:**

- Shoaling exists along the channel's toe in the Left Outside Quarter, commencing approximately 80 feet landward, continues for approximately 630 feet landward.
- Spot shoaling in the Left Outside Quarter and the Middle Half exists at approximately 2,405 feet seaward of the end of the reach.
- Shoaling exists along the channel's toe in the Left Outside Quarter, commencing approximately 2,315 feet seaward of the end of the reach, continues for approximately 1,790 feet landward.
- Shoaling exists along the channel's toe in the Left Outside Quarter, commencing approximately 305 feet seaward of the end of the reach and continues until the end of the reach.
- Minor edge shoaling exists in the Right Outside Quarter at approximately 205 feet seaward of the end of the reach until the end of the reach.
- The controlling depth of -0.5 feet MLLW exists in the Left Outside Quarter at approximately 255 feet seaward of the end of the reach.