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

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 DATE
 01 April 2025

FROM: U.S. Army Corps of Engineers

26 Federal Plaza, ATTN: CENAN-OP-ST

New York, NY 10278-0090

**RIVER/HARBOR NAME AND STATE:** 

The Record

TO:

Long Island Intracoastal Waterway, New York

MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD

| NAME OF CHANNEL  | DATE<br>OF SURVEY   | AUTHORIZED PROJECT |                 |                     | LEFT                         |                          | RIGHT                        |
|--|---|--------------------|-----------------|---------------------|------------------------------|--------------------------|------------------------------|
|  |   | WIDTH<br>(feet)    | LENGTH (nmiles) | <b>DEPTH</b> (feet) | OUTSIDE<br>QUARTER<br>(feet) | MIDDLE<br>HALF<br>(feet) | OUTSIDE<br>QUARTER<br>(feet) |
| Reach G (Partial): Begins at JESSUP LANE BRIDGE and ends approximately 710 feet seaward of LIGHT #2 EBB. Survey data does not cover this entire reach. | File<br>#5504/AL/SL<br>Sheets 2-6 of<br>18;<br>13 & 14 Nov.<br>2024   | 100-200            | 3.23            | 6                   | 5.3                          | 5.2                      | 4.4                          |
| Reach H (Partial): Begins approximately 710 feet seaward of LIGHT #2 EBB and ends at PONQUOQUE BRIDGE. Survey data does not cover this entire reach.   | File<br>#5504/AL/SL<br>Sheets 6-14 of<br>18;<br>13 & 14 Nov.<br>2024  | 100                | 4.26            | 6                   | 5.1                          | 5.9                      | 4.6                          |
| Reach I (Partial): Begins at PONQUOQUE BRIDGE and ends approximately 1,700 feet landward of RED #34 W/LIGHT FLOOD.                                     | File<br>#5504/AL/SL<br>Sheets 14-18<br>of 18;<br>13 & 14 Nov.<br>2024 | 100                | 3.04            | 6                   | 0.3                          | 5.8                      | 6.0                          |

## **REMARKS:**

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

#### LONG ISLAND INTRACOASTAL WATERWAY

#### Reach G (Partial):

- A minimum of authorized depth is available throughout the majority of this partial reach; however spot shoaling does
  exist in the Left Outside Quarter, Middle Half, and Right Outside Quarter of this partial reach.
- The controlling depth of -4.4 feet MLLW exists along the channel's toe in the Right Outside Quarter, approximately 2,000 feet seaward of JESSUP LANE BRIDGE. Survey data does not cover this entire reach.

# Reach H (Partial):

- A minimum of authorized depth is available throughout the majority of this partial reach; however, spot shoaling does exist along the channel's toe in the Left and Right Outside Quarters of this partial reach.
- The controlling depth of -4.6 feet MLLW exists along the channel's toe in the Right Outside Quarter, approximately 6,320 feet seaward of GREEN #17 W/LIGHT FLOOD. Survey data does not cover this entire reach.

### Reach I (Partial):

- Within approximately the last 675 feet of this reach, shoaling exists in the Left Outside Quarter and it extends into the Middle Half of the channel in this partial reach.
- The controlling depth of -0.3 feet MLLW exists in the Left Outside Quarter approximately 130 feet seaward of the end of this partial reach. Survey data does not cover this entire reach.