

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

**PAGE 1 OF 1**

**DATE: 19 June 2017**

**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:**

Moriches Inlet, NY

**MINIMUM DEPTHS IN  
CHANNEL ENTERING FROM SEAWARD**

NAME OF CHANNEL	PAGES & DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)			
<b>Moriches Inlet (partial):</b> The partial reach begins approximately 1,025 feet seaward of the end of the East Jetty and extends approximately 4,025 feet landward to approximately 910 feet landward of GREEN CAN 3E.	Map 63, Sht. 1 - 1 19 April 2017	200	0.67	10	3.2	2.8	2.6

**REMARKS:**

- All depths are in reference to Mean Lower Low Water (MLLW).
- Channel Length is in nautical miles.
- All distances are approximate.

**Moriches Inlet:**

- Shoaling exists at the entrance of the channel across the entire width and gradually tapers into the Right Outside Quarter, ending approximately 40 feet seaward of the east jetty.
- A small spot shoal exists in the Middle Half of the channel approximately 695 feet landward of GREEN DAY MARKER #1 w/LIGHT.
- Shoaling exists along the channel toe of the Left Outside Quarter commencing approximately 760 feet landward of GREEN DAY MARKER #1 W/LIGHT and continuing approximately 170 feet landward, having a maximum width of approximately 40 feet.
- Shoaling exists approximately 800 feet seaward of GREEN CAN 3E FLOOD across the majority of the channel with the exception of a section spanning 30 feet inward from the channel toe of the Right Outside Quarter. This shoal gradually tapers into the Left Outside Quarter ending approximately 480 feet seaward of GREEN CAN 3E FLOOD.
- Shoaling exists for the final 645 feet of the partial reach commencing in the Right Outside Quarter and widens across the entire width of the channel for the remainder of the partial reach.
- The controlling depth of -2.6 feet MLLW exists within the Right Outside of the channel approximately 910 feet landward of GREEN CAN 3E FLOOD.

