

**REPORT OF CHANNEL CONDITIONS
400 FEET WIDE OR GREATER**

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DATE 05 April 2018

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:

New York and New Jersey Channels, South of Shooters Island Reach

**MINIMUM DEPTHS IN
CHANNEL ENTERING FROM SEAWARD**

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)				
South of Shooters Island Reach (Reach E): Begins approximately 600 feet landward of GREEN & RED "E" W/LIGHT FLOOD and ends approximately 50 feet landward of GREEN & RED "A" W/LIGHT FLOOD	File 1389 Pg. 1-2 of 2; 11, 18-19 January 2018	400-1,425	0.84	30	7.1	11.7	16.0	3.7
Widening East of Shooters Island Reach (Reach E') : Begins approximately 35 feet seaward of GREEN & RED "E" W/LIGHT FLOOD and ends approximately 600 feet landward of the same buoy	File 1399 Pg. 2 of 2; 11, 18-19 January 2018	400-1,190	0.10	30 & 45	19.1	21.5	22.2	17.0

REMARKS:

- All depths are in reference to Mean Lower Low Water (MLLW).
- Channel Reach Lengths are in nautical miles

NEW YORK AND NEW JERSEY CHANNELS:

- **South of Shooters Island Reach (Reach E):** Shoaling exists across the entire reach, except the two areas below where project depth is available.
 1. Project depth is available in the Right Inside Quarter approximately 335 feet landward of RED DAYMARKER #2 and continues into the Left Inside Quarter and Left Outside Quarter approximately 495 feet farther landward, before ending approximately 60 feet seaward of RED NUN #4 RED.
 2. Project depth is available at the end of the reach, approximately 115 feet seaward of GREEN & RED "A" W/ LIGHT FLOOD and continues across all four quarters to the end of the reach, approximately 140 feet seaward of GREEN CAN #21 FLOOD.
- **Widening East of Shooters Island Reach (Reach E')**:
 - Shoaling exists across the majority of the reach.