

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

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DATE 21 February 2023

TO: The Record

FROM: U.S. Army Corps of Engineers
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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)				
Widening East of Shooters Island Reach (Reach E1): Begins approximately 170 feet landward of GREEN #17 W/ LIGHT EBB and extends for approximately 980 feet or 1,150 feet landward of GREEN #17 W/ LIGHT EBB.	File 5248/N1; Page 4 of 4; 8, 12 December 2022	682-1,194	0.10	45	17.8	21.0	21.5	19.9
South of Shooters Island Reach (Reach E2): Begins approximately 1,150 feet landward of GREEN #17 W/ LIGHT EBB and ends at the approximate location of GREEN RED "A" W/ LIGHT EBB.	File 5248/N1; Pages 2 - 4 of 4; 8, 12 December 2022	682-1,424	0.86	30	11.0	11.6	16.5	4.7

REMARKS:

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

NEW YORK AND NEW JERSEY CHANNELS:

Widening East of Shooters Island Reach (Reach E1):

- Shoaling exists across the majority of this reach.
- The controlling depth of -17.8 feet MLLW exists near the channel's toe in the Left Outside Quarter at a point approximately 1,100 feet landward of GREEN #17 W/ LIGHT EBB.

South of Shooters Island Reach (Reach E2):

- Shoaling exists across the width of the channel for the majority of this reach.
- The controlling depth of -4.7 feet MLLW exists in the Right Outside Quarter at a point approximately 260 feet landward of RED DAYMARKER #2.