

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

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DATE 05 March 2025

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 200 feet landward of GREEN #17 W/ LIGHT EBB and ends approximately 1,180 feet landward of GREEN #17 W/ LIGHT EBB	File 5497; Sheet 4 of 4; 03 & 04 Dec. 2024	682-1,194	0.10	45	16.9	20.4	21.4	18.6
South of Shooters Island Reach (Reach E2): Begins approximately 1,180 feet landward of GREEN #17 W/ LIGHT EBB and ends at GREEN CAN FLOOD.	File 5497; Sheets 2-4 of 4; 03 & 04 Dec. 2024	682-1,424	0.85	30	6.7	10.3	16.5	5.1

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 -16.9 feet exists near the channel's toe in the Left Outside Quarter 75 feet seaward of the reach end.

South of Shooters Island Reach (Reach E2):

- Shoaling exists across the width of the channel for the majority of the reach.
- The controlling depth of -5.1 feet exists in the Right Outside Quarter approximately 250 feet landward from channel coordinate 'S-4'.