

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

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DATE 30 December 2021

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)				
Widening East of Shooters Island Reach (Reach E1): Begins approximately 210 feet landward of GREEN #17 W/ LIGHT EBB and extends for approximately 980 feet or 1,190 feet landward of GREEN #17 W/ LIGHT EBB.	File 5120/N3/N4; Page 2 of 2; 16-17 November 2021	682-1,190	0.10	45	18.0	21.2	21.6	19.1
South of Shooters Island Reach (Reach E2): Begins approximately 230 feet landward of GREEN #17 W/ LIGHT EBB and ends approximately 100 feet landward of GREEN RED "E" W/ LIGHT EBB.	File 5120/N3/N4; Pages 1 & 2 of 2; 16-17 November 2021	400-682	0.84	30	7.3	13.3	16.5	6.2

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:

Widening East of Shooters Island Reach (Reach E1):

- Shoaling exists across the majority of this reach.
- The controlling depth of -18.0 feet exists near the channel's toe in the Left Outside Quarter in the approximate vicinity of the landward end of the reach.

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 -6.2 feet exists in the Right Outside Quarter approximately 250 feet landward from RED DAYMARKER #2..