

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

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DATE 02 February 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)				
South of Shooters Island Reach (Reach E): Begins approximately 1,190 feet landward of GREEN #17 W/ LIGHT EBB and ends approximately 615 feet landward of GREEN CAN 21 EBB.	File 5015/D/N1/N3; Pages 1 & 2 of 2; 14-16, 22 December 2020	400	0.84	30	9.1	12.0	16.6	2.9
Widening East of Shooters Island Reach (Reach E') : 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 5015/D/N1/N3; Page 2 of 2; 14-16, 22 December 2020	400-1,190	0.10	45	17.8	20.6	21.3	15.4

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 width of the channel for the majority of the reach.
- The controlling depth of -2.9 feet exists in the Right Outside Quarter approximately 200 feet landward from RED DAYMARKER #2.

Widening East of Shooters Island Reach (Reach E'):

- Shoaling exists across the majority of this reach.
- The controlling depth of -15.4 feet exists near the channel's toe in the Right Outside Quarter approximately 140 feet landward from the start of the reach.