

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

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DATE 8 February 2019

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 1409 Pg. 1-2 of 2; 11-13 December 2018	400	0.84	30	3.7	16.8	12.4	1.9
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 1409 Pg. 2 of 2; 11-13 December 2018	400-1,190	0.10	45	15.6	22.1	21.1	18.6

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 for 1000 feet landward of Red Nun #4 spanning the Left Inside Quarter and Left Outside Quarter.
- The controlling depth of 1.9 feet MLLW exists in the Right Outside Quarter along the channel toe 430 feet seaward of White "Hazard" Buoy.

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

- Shoaling exists across the entire reach except where it abuts the Kill Van Kull Channel.
- The controlling depth of 15.6 feet MLLW exists in the Left Outside Quarter along the channel toe 140 feet seaward of Green & Red "E" Buoy.