

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

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DATE 22 February 2024

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 235 feet landward of GREEN #17 W/ LIGHT EBB and ends approximately 1190 feet landward of GREEN #17 W/ LIGHT EBB | File 5411 N4; Page 4 of 4; 15 February 2024 | 682-1,190 | 0.10 | 45 | 17.4 | 20.7 | 21.7 | 18.9 |
| South of Shooters Island Reach (Reach E2): Begins approximately 1190 feet landward of GREEN #17 W/ LIGHT EBB and ends approximately 590 feet landward of GREEN CAN #21 EBB. | File 5411 N4; Pages 2-4 of 4 ; 15 February 2024 | 400-682 | 0.84 | 30 | 8.0 | 11.5 | 16.4 | 4.7 |

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 -17.4 feet exists near the channel's toe in the Left Outside Quarter 1155 ft lanward 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 the reach.
- The controlling depth of -4.7 feet exists in the Right Outside Quarter approximately 229 feet landward from RED DAYMARKER #2.