

**REPORT OF CHANNEL CONDITIONS
(FOR CHANNELS 400 FEET WIDE OR GREATER)**

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DATE 12 OCTOBER 2022

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 Harbor, NY – Sandy Hook Channel

**MINIMUM DEPTHS IN EACH ¼ WIDTH OF
CHANNEL ENTERING FROM SEAWARD**

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MID-CHANNEL		RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)		LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	
Reach A - East Section Reach: Begins in deep water in New York Harbor approximately 6,115 feet seaward of GREEN #1 W/LIGHT AND GONG FLOOD; and ends approximately 850 feet seaward of GREEN #11 W/ LIGHT & GONG SLACK.	Request No. 5193/N1/N3; Pgs 4-9 of 9; 7, 13-15, 18-20, 22, 27 July 2022	800-2,150	4.5	35	37.2	35.3	35.2	31.8
Reach B - Bayside Reach: Begins approximately 850 feet seaward of GREEN #11 W/ LIGHT & GONG SLACK; and ends at the approximate location of GREEN #1 W/LIGHT FLOOD.	Request No. 5193/N1/N3; Pgs 2-4 of 9; 7, 13-15, 18-20, 22, 27 July 2022	800	2.4	35	+5.0	35.1	36.4	30.9

REMARKS:

- All reported depths are relative to the Mean Lower Low Water (MLLW) datum.
- Channel reach lengths are in nautical miles.

NEW YORK HARBOR – SANDY HOOK CHANNEL

- **Reach A:** Edge shoaling exists in the Right Outside Quarter of this reach. The controlling depth of -31.8 feet MLLW exists in the Right Outside Quarter at approximately 1,060 feet landward of RED NUN #10 FLOOD.
- **Reach B:** Towards the beginning of this reach, a large shoal including an area of positive elevations exists across the Left Outside Quarter of the channel. Shoaling exists in the Left and Right Outside Quarters towards the end of this reach. The controlling depth of +5.0 feet MLLW exists in the Left Outside Quarter at approximately 825 feet seaward of GREEN #13 W/ LIGHT & GONG SLACK.