

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

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DATE 21 July 2020

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 850 feet landward of RED/WHITE 'S' W/light & WHISTLE flood; and ends approximately 900 feet seaward of GREEN #11 W/ LIGHT & BELL FLOOD.	File No. 4959/N1/N3; Pgs 3 - 7 of 7; 5, 9, 12, 15, 16, 23-25 June 2020	800-2,150	4.5	35	37.9	36.2	36.5	31.8
Reach B - Bayside Reach: Begins approximately 900 feet seaward of GREEN #11 W/ LIGHT & BELL FLOOD; and ends at the approximate location of GREEN #1 W/LIGHT EBB.	File No. 4959/N1/N3; Pgs 1 - 3 of 7; 5, 9, 12, 15, 16, 23-25 June 2020	800	2.4	35	+10.5	+7.8	31.2	30.7

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 in the vicinity of RED NUN #10 FLOOD. The controlling depth of -31.8 feet MLLW exists in the Right Outside Quarter at approximately 1,450 feet landward from RED #4 W/LIGHT EBB.
- **Reach B:** Shoaling exists in the Right Outside Quarter, Left Inside Quarter, and Left Outside Quarter of this reach beginning approximately 500 feet seaward of GREEN #11 W/ LIGHT & BELL FLOOD and continues to approximately 280 feet landward of GREEN #11A W/ LIGHT & BELL FLOOD. The controlling depth of +10.5 feet MLLW exists in the Left Outside Quarter at approximately 1,015 feet seaward from GREEN #13 W/ LIGHT & GONG SLACK.