

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

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DATE 05 August 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 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)	
<b>Reach A - East Section Reach:</b> Begins in deep water in New York Harbor approximately 6,225 feet seaward of RED #2 W/LIGHT FLOOD; and ends approximately 820 feet seaward of GREEN #11 W/ LIGHT & GONG EBB.	Request No. 5080 Pgs 3 - 7 of 7; 14-16, 19 July 2021	800-2,150	4.5	35	36.9	35.1	35.4	31.6
<b>Reach B - Bayside Reach:</b> Begins approximately 820 feet seaward of GREEN #11 W/ LIGHT & GONG EBB; and ends at the approximate location of GREEN #1 W/LIGHT FLOOD.	Request No. 5080 Pgs 1 - 3 of 7; 14-16, 19 July 2021	800	2.4	35	+2.9	35.1	36.1	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:** Intermittent shoaling exists along the channel's toe in the Right Outside Quarter beginning from approximately 965 feet seaward of RED #4 W/LIGHT FLOOD and ends at approximately 1,455 landward of RED NUN #10 FLOOD. The controlling depth of -31.6 feet MLLW exists in the Right Outside Quarter at approximately 1,230 feet landward of RED NUN #10 FLOOD.
- **Reach B:** Shoaling exists in the beginning of this reach in the Left Outside Quarter beginning approximately 530 feet seaward of GREEN #1 W/LIGHT & GONG EBB to approximately 670 feet landward of GREEN #11A W/ LIGHT EBB. Another shoal exists along the channel's toe in the Right Outside Quarter from approximately at RED #20 W/LIGHT FLOOD and continues to the end of this reach. Additional shoaling exists intermittently along the channel's toe in the Left Outside Quarter from the approximate vicinity of GREEN RED JUNCTION "TC" W/ LIGHT FLOOD and continues to the end of this reach. The controlling depth of +2.9 feet MLLW exists in the Left Outside Quarter at approximately 340 feet landward of GREEN #11A W/ LIGHT EBB.