

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

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DATE 22 December 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>Partial Reach A - East Section Reach:</b> Begins approximately 1,315 feet seaward of GREEN #11 W/ LIGHT & GONG EBB; and ends approximately 890 feet seaward of the same buoy.	Request No. 5126 Pgs 1 of 2; 13 December 2021	800-2,150	4.5	35	37.6	46.0	48.9	47.0
<b>Partial Reach B - Bayside Reach:</b> Begins approximately 890 feet seaward of GREEN #11 W/ LIGHT & GONG EBB; and ends at the approximately 1,165 feet landward of RED #18 W/ LIGHT & BELL EBB.	Request No. 5111 and 5126 Pgs 1 - 2 of 2; 22-23 November and 13 December 2021	800	2.4	35	26.2	34.0	35.0	47.2

**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**

- **Partial Reach A:** No shoaling exists within this partial survey coverage of this reach. The controlling depth of -37.6 feet MLLW exists in the Left Outside Quarter at approximately 330 feet seaward from the beginning of the reach.
- **Partial Reach B:** Shoaling exists along the toe in the Left Outside Quarter of this reach beginning at the approximate location of GREEN #11 W/ LIGHT & GONG EBB and continues landward for approximately 1,390 feet. Spot shoaling exists in the Left Inside Quarter approximately 810 feet landward of GREEN #11 W/ LIGHT & GONG. The controlling depth of -26.2 feet MLLW exists in the Left Outside Quarter at approximately 980 feet landward of GREEN #11 W/LIGHT & GONG EBB.