

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

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DATE 3 August 2018

**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 6,200 feet seaward of GREEN LIGHT #1 EBB; and ends approximately 900 feet seaward of GREEN LIGHT #11 W/ LIGHT FLOOD.	Map 185 Pgs 3 - 7 of 7; 17, 21, 23, 24, 31 May 2018; 11, 13, 14, 18 June 2018	800- 2,150	4.5	35	39.0	37.3	36.8	32.1
<b>Reach B - Bayside Reach:</b> Begins approximately 900 feet seaward of GREEN #11 W/ LIGHT FLOOD; and ends approximately 100 feet landward of GREEN LIGHT #1 FLOOD.	Map 185 Pgs 1 - 3 of 7; 17, 21, 23, 24, 31 May 2018; 11, 13, 14, 18 June 2018	800	2.4	35	+7.0	32.2	36.6	30.8

**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:** Shoaling exists along the channel's toe in the Right Outside Quarter beginning approximately 620 feet seaward from RED LIGHT #4 EBB and continues for approximately 1,680 feet landward of RED 6 LIT EBB, having a maximum width of approximately 100 feet. Intermittent shoaling exists in the Right Outside Quarter beginning in the approximate vicinity of RED NUN #10 EBB and ending approximately 1,300 feet landward from RED NUN #10 EBB with a maximum width of approximately 250 feet. The controlling depth of -32.1 feet MLLW exists at approximately 1,415 feet landward from RED LIGHT #4 EBB.
- **Reach B:** Shoaling, including areas of positive elevations, exists along the channel's toe in the Left Outside Quarter beginning at the approximate location of GREEN #11 W/ LIGHT FLOOD, continuing landward where it then extends into the Left Inside Quarter approximately 385 feet landward for approximately 215 feet and then tapers back to the Left Outside Quarter for approximately 370 feet landward, having a maximum width of approximately 230 feet. Shoaling exists along the channel's toe in the Right Outside Quarter beginning at the approximate location of RED LIGHT #20 FLOOD and continues landward to the end of the reach, having a maximum width of approximately 160 feet. Intermittent shoaling exists along the channel's toe in the Left Outside Quarter commencing approximately 130 feet seaward of GREEN/RED LIGHT JUNCTION TC FLOOD and continues to the end of the reach, having a maximum width of approximately 145 feet. The controlling depth of +7.0 feet MLLW exists at approximately 680 feet landward from GREEN #11 W/ LIGHT FLOOD.