

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

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DATE 20 March 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)	
Partial Reach A - East Section Reach: Survey coverage begins approximately 1,800 feet seaward of GREEN LIGHT #11 W/ BELL FLOOD; and ends approximately 240 feet landward of the same.	Map 183 Pg 2 of 5; 20,21 & 22 FEB 2018	800-2,150	4.5	35	39.0	41.2	39.7	35.6
Partial Reach B - Bayside Reach: Survey coverage begins approximately 240 feet landward of GREEN #11 W/ BELL FLOOD; and ends approximately 260 feet landward of RED LIGHT #16 W/ BELL FLOOD.	Map 183 Pg 1 & 2 of 5; 20,21 & 22 FEB 2018	800	2.4	35	31.1	35.2	40.0	46.5

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 in this partial reach. The controlling depth in this reach is -35.6 feet MLLW, and is located in the Right Outside Quarter approximately 1,800 feet seaward of GREEN LIGHT #11 W/ BELL FLOOD.
- **Partial Reach B:** Shoaling exists along the channel's toe in the Left Outside Quarter beginning approximately 1,450 feet seaward of GREEN LIGHT #13 W/ GONG FLOOD and continues landward for approximately 175 feet, having a maximum width of approximately 15 feet. The controlling depth in this partial reach is -31.1 feet MLLW, and is located approximately 1,370 feet seaward of GREEN LIGHT #13 W/ GONG FLOOD.