

**REPORT OF CHANNEL CONDITIONS
400 FEET WIDE OR GREATER**

PAGE 1 OF 1

DATE 09 May 2017

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, New York – 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 (n. miles)	DEPTH (feet)		LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	
Reach A: Partial East Section Reach: Begins approximately 1,810 feet seaward of GREEN LIGHT #13 W/GONG SLACK and end 2,785 feet landward of GREEN LIGHT #13 W/GONG SLACK.	Map 180 Pgs. 1 – 1 ; 17, March 2017	800-2,150	4.5	35	42.8	45.7	45.6	39.8
Reach B: Partial Bayside Reach: Begins approximately 1,915 feet seaward of GREEN LIGHT #11 W/ BELL SLACK and ends approximately 900 feet landward of GREEN LIGHT #11 W/ BELL SLACK.	Map 180 Pgs. 1 – 1 ; 17, March 2017	800	2.4	35	+7.8	13.4	46.5	49.2

REMARKS:

- All depths are relative to Mean Lower Low Water (MLLW) datum.
- Channel reach lengths are in nautical miles.

NEW YORK HARBOR – SANDY HOOK CHANNEL

Partial Reach A:

- Shoaling does not exist along the Left Outside Quarter, Left Inside Quarter, Right Inside Quarter, and Right Outside Quarter.
- Controlling Depth of 39.8 exist along the right outside quarter approximately

Partial Reach B:

- Shoaling exists along the Left Outside Quarter, 1,045 feet seaward from the approximate location of GREEN LIGHT #11 W/ BELL SLACK and continues seaward for approximately 540 feet. This shoaling area extends north seaward direction, into the Left inside Quarter, tapers and retracts into a south, seaward direction.
- Shoaling exists along the Left Inside Quarter, 2,450 feet seaward from the approximate location of GREEN LIGHT #11 W/ BELL SLACK, and continues landward for approximately 475 feet. This shoaling area extend north seaward direction, midway into this Quartered region, tapers and continues retracting into a south seaward direction.
- The controlling depth of +7.48 feet MLLW exist along the Left Outside Quarter approximately 1,495 feet of the GREEN LIGHT #13 W/ GONG SLACK.