

REPORT OF CHANNEL CONDITIONS (FOR CHANNELS 400 FEET WIDE OR GREATER)						PAGE 1 OF 1 PAGE		
						DATE		
						29 July 2016		
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)	
Reach A - East Section Reach: Begins in deep water in New York Harbor approximately 6,100 feet seaward of GREEN LIGHT #1 EBB; and ends approximately 880 feet seaward of GREEN LIGHT #11 W/BELL EBB.	Map 179 Pgs 3 - 7 of 7; 27 April 2016; 2, 5, 9 – 12, 17 May 2016	800-2,150	4.5	35	32.6	36.4	37.6	31.7
Reach B - Bayside Reach: Begins approximately 880 feet seaward of GREEN LIGHT #11 W/ BELL EBB; and ends approximately 110 feet landward of GREEN LIGHT #1 FLOOD.	Map 179 Pgs 1 - 3 of 7; 27 April 2016; 2, 5, 9 – 12, 17 May 2016	800	2.4	35	+6.7	31.3	37.3	31.2

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

- Reach A:** Shoaling exists in the Right Outside Quarter along the channel's toe beginning approximately 360 feet seaward of RED LIGHT #4 EBB, and continues to a point approximately 1,580 feet landward of RED LIGHT #6 EBB. A shoal having a maximum width of approximately 185 feet exists in the Right Outside Quarter of this reach in the approximate vicinity of RED NUN #10 EBB. A shoal having a maximum width of approximately 240 feet exists in the Right Outside Quarter of this reach, located approximately 175 feet landward of the channel's first bend. Shoaling exists in the Left Outside Quarter along the channel's toe beginning approximately 3,850 feet landward of GREEN GONG #7 W/LIGHT EBB, and continues to a point approximately 4,090 feet landward of the same. The maximum width of this shoal is approximately 50 feet.
- Reach B:** Shoaling, including areas of positive elevation, exists in the Left Outside and Left Inside Quarters of this reach beginning at a point approximately 370 feet landward of GREEN LIGHT #11 W/BELL EBB, and continues landward to a point approximately 800 feet seaward of GREEN LIGHT #13 W/GONG FLOOD. Shoaling having the approximate dimensions of 400 feet long by 50 feet wide exists in the Right Outside quarter along the channel's toe, opposite GREEN LIGHT #8 W/GONG FLOOD. Shoaling exists across much of the width of the Right Outside Quarter of the channel from the approximate location of RED LIGHT #20 FLOOD to the end of the reach. This shoal's maximum width is approximately 145 feet. Shoaling exists in the Left Outside Quarter along the channel's toe beginning approximately 90 feet seaward of GREEN/RED LIGHT JUNCTION TC FLOOD to the end of the reach. This shoal's maximum width is approximately 120 feet.