

**REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE**

PAGE 1 OF 1

DATE 2 June 2020

TO: The Record

FROM: U.S. Army Corps of Engineers
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New York, NY 10278-0090

RIVER/HARBOR NAME AND STATE:
Sandy Hook Bay at Leonardo, New Jersey

**MINIMUM DEPTHS IN
CHANNEL ENTERING FROM SEAWARD**

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)			
Reach A: Begins approximately 620 feet seaward of CAN #1 EBB Buoy and ends approximately 505 feet landward of the same.	File No 4941/N1; Sheet 1 of 1; 8 May 2020	150	0.19	8	8.5	9.0	7.8
Reach B: Begins approximately 505 feet landward of CAN #1 EBB Buoy and ends approximately 20 feet landward of CAN #5 EBB Buoy.	File No 4941/N1; Sheet 1 of 1; 8 May 2020	150	0.14	8	7.6	7.3	5.5
Reach C: Begins approximately 20 feet landward of CAN #5 EBB Buoy and ends at entrance of the boat basin.	File No 4941/N1; Sheet 1 of 1; 8 May 2020	85 - 150	0.09	8	3.7	6.5	2.7

REMARKS:

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

SANDY HOOK BAY AT LEONARDO

Reach A:

Minor shoaling exists along the channel's toe in the Right Outside Quarter of this reach. The controlling depth of -7.8 feet MLLW exists in the Right Outside Quarter of the channel approximately 205 feet landward of RED #2 W/LIGHT.

Reach B:

Shoaling commences in the Right Outside Quarter beginning at approximately NUN #4 EBB, widening across the entire width for the remainder of the reach. The controlling depth of -5.5 feet MLLW exists along the channel's toe in the Right Outside Quarter of this reach approximately 105 feet seaward of NUN #6 EBB.

Reach C:

Shoaling exists throughout this entire reach. The controlling depth of -2.7 feet MLLW exists along the channel's toe in the Right Outside Quarter of this reach approximately 295 feet landward of NUN #6 EBB.