

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

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DATE 02 January 2023

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:
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 655 feet seaward of GREEN CAN #1 EBB and ends approximately 465 feet landward of the same.	File No 5210; Sheet 1 of 1; 9 SEP 2022	150	0.19	8	8.6	8.9	7.6
Reach B: Begins approximately 465 feet landward of GREEN CAN #1 EBB and ends at approximately GREEN CAN #5 EBB.	File No 5210; Sheet 1 of 1; 9 SEP 2022	150	0.14	8	7.2	6.9	4.7
Reach C: Begins at approximately GREEN CAN #5 EBB and ends at entrance of the boat basin.	File No 5210; Sheet 1 of 1; 9 SEP 2022	85 - 150	0.09	8	+0.7	5.9	1.8

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 -7.6 feet MLLW exists on the toe of the Right Outside Quarter of the channel approximately 190 feet landward of RED NUN #2 W/LIGHT EBB.

Reach B:

Shoaling commences in the Right Outside Quarter, beginning at approximately 230 feet seaward of RED NUN #4 EBB, and gradually expands landward until it encompasses the entire width of the remainder of the reach. The controlling depth of -4.7 feet MLLW exists on the toe of the Right Outside Quarter of this reach approximately 255 feet seaward of RED NUN #6 EBB.

Reach C:

Shoaling exists throughout this entire reach. The controlling depth of +0.7 feet MLLW exists in the Left Outside Quarter of this reach approximately 60 feet landward of RED NUN #8 EBB.