

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

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**DATE** 1 July 2021

**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)			
<b>Reach A:</b> Begins approximately 630 feet seaward of CAN #1 FLOOD and ends approximately 495 feet landward of the same.	File No 5055/AL; Sheet 1 of 1; 4 May 2021	150	0.19	8	8.2	8.6	7.5
<b>Reach B:</b> Begins approximately 495 feet landward of CAN #1 FLOOD and ends at the approximate location of CAN #5 FLOOD.	File No 5055/AL; Sheet 1 of 1; 4 May 2021	150	0.14	8	6.8	6.7	3.6
<b>Reach C:</b> Begins at the approximate location of CAN #5 FLOOD and ends at entrance of the boat basin.	File No 5055/AL; Sheet 1 of 1; 4 May 2021	85 - 150	0.09	8	2.2	5.5	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:**

Shoaling exists along the channel's toe in the Right Outside Quarter of this reach. The controlling depth of -7.5 feet MLLW exists in the Right Outside Quarter of the channel approximately 175 feet landward of RED #2 W/LIGHT FLOOD.

**Reach B:**

Shoaling exists throughout the channel's width beginning approximately 135 feet landward of CAN #3 FLOOD. The controlling depth of -3.6 feet MLLW exists in the Right Outside Quarter approximately 70 feet seaward of NUN #6 FLOOD.

**Reach C:**

Shoaling exists throughout this entire reach. The controlling depth of -1.8 feet MLLW exists in the Right Outside Quarter of this reach approximately 205 feet seaward of NUN #8 FLOOD.