

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

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**DATE** 09 July 2019

**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)			
<b>Reach A:</b> Begins approximately 610 feet seaward of NUN 2 WITH LIGHT FLOOD Buoy and ends approximately 515 feet landward of the same.	Map 141; Sheet 1 of 1; 26 April 2019	150	0.19	8	8.0	8.4	7.4
<b>Reach B:</b> Begins approximately 515 feet landward of NUN 2 WITH LIGHT FLOOD Buoy and ends approximately 30 feet landward of 6 NUN FLOOD Buoy.	Map 141; Sheet 1 of 1; 26 April 2019	150	0.14	8	7.4	6.9	5.6
<b>Reach C:</b> Begins approximately 30 feet landward of 6 NUN FLOOD Buoy and ends at entrance of the boat basin.	Map 141; Sheet 1 of 1; 26 April 2019	85 - 150	0.09	8	4.0	6.4	2.5

**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:**

- Sporadic shoaling exists along the channel's toe in the Right Outside Quarter of this reach.
- The controlling depth of -7.4 feet MLLW exists in the Right Outside Quarter of the channel approximately 190 feet seaward of NUN 2 WITH LIGHT FLOOD.

**Reach B:**

- Sporadic shoaling exists throughout much of this reach.
- The controlling depth of -5.6 feet MLLW exists along the channel's toe in the Right Outside Quarter of this reach approximately 370 feet landward of NUN 4 FLOOD.

**Reach C:**

- Shoaling exists throughout this entire reach.
- The controlling depth of -2.5 feet MLLW exists along the channel's toe in the Right Outside Quarter of this reach approximately 160 feet seaward of 8 NUN FLOOD.