

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE					PAGE 1 OF 1		
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 660 feet seaward of GREEN CAN #1 EBB and ends approximately 465 feet landward of the same.	File No 5334/N3; Sheet 1 of 1 05 SEP 2023	150	0.19	8	8.4	9.0	7.4
Reach B: Begins approximately 465 feet landward of GREEN CAN #1 EBB and ends at approximately GREEN CAN #5 EBB.	File No 5334/N3; Sheet 1 of 1 05 SEP 2023	150	0.14	8	6.4	6.5	3.4
Reach C: Begins at approximately GREEN CAN #5 EBB and ends at entrance of the boat basin.	File No 5334/N3; Sheet 1 of 1 05 SEP 2023	85 - 150	0.09	8	0.1	5.5	1.9

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 -7.4 feet MLLW exists on the toe of the Right Outside Quarter of the channel approximately 280 feet seaward of RED NUN #2 W/LIGHT FLOOD.

Reach B:

Shoaling commences in the Right Outside Quarter, beginning at approximately 225 feet seaward of RED NUN #4 FLOOD, and gradually expands landward until it encompasses the entire width of the reminder of the reach. The controlling depth of -3.4 feet MLLW exists on the toe of the Right Outside Quarter at the landward end of the reach.

Reach C:

Shoaling exists throughout this entire reach. The controlling depth of -0.1 feet MLLW exists in the Left Outside Quarter at the landward end of the reach.