

**REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE
(ER 1130-2-3165)**

TO: The Record	FROM: U.S. Army Corps of Engineers 26 Federal Plaza, ATTN: CENAN-OP-ST New York, NY 10278-0090
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RIVER/HARBOR NAME AND STATE: Sandy Hook Bay at Leonardo, New Jersey	MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD
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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 1300 ft. seaward of NJ GREEN CAN LIGHTED #3; ends approximately 22 ft. seaward of NJ GREEN CAN LIGHTED #3.	Map 134; Sheet 1 of 1; 25 March 2013	150	0.19	8	7.5	7.1	6.3
Reach B: Begins approximately 22 ft. seaward of NJ GREEN CAN LIGHTED #3; ends approximately 125 ft. seaward of NJ RED NUN #6.	Map 134; Sheet 1 of 1; 25 March 2013	150	0.13	8	5.2	4.4	3.2
Reach C: Begins approximately 125 ft. seaward of NJ RED NUN #6; ends at boat basin.	Map 134; Sheet 1 of 1; 25 March 2013	150	0.1	8	0.7	0.9	1.1

REMARKS:

- All depths in Mean Lower Low Water (project originally authorized to Mean Low Water).
- Channel length is in nautical miles

SANDY HOOK BAY AT LEONARDO:

- **Reach A:** Shoaling starts in the Right Outside Quarter approximately 1100 feet seaward from the end of the reach. The channel is entirely shoaled across its width 100 feet seaward of GREEN CAN LIGHTED #3 to the end of the reach.
- **Reach B:** Shoaling is present in the entire length and width of the reach. Controlling depths are found at the landward end of the reach.
- **Reach C:** Shoaling is present in the entire length and width of the reach. Controlling depths are found at the landward end of the reach.