

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

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DATE	27 February 2015		

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)			
Reach A: Begins approximately 1,550 feet (ft) seaward of RED NJ Buoy No. #; ends approximately 350 ft seaward of RED NJ Buoy No. #.	Map 136; Sheet 1 of 1; 14 January 2015	150	0.20	8	8.3	8.5	8.1
Reach B: Begins approximately 350 ft seaward of RED NJ Buoy No. #; ends approximately 250 ft landward of RED NJ Buoy No. #.	Map 136; Sheet 1 of 1; 14 January 2015	150	0.10	8	7.7	8.1	7.0
Reach C: Begins approximately 250 ft landward of RED NJ Buoy No. #; ends at entrance of the boat basin.	Map 136; Sheet 1 of 1; 14 January 2015	150	0.12	8	7.9	6.8	6.3

REMARKS:

- All reported depths are relative to Mean Lower Low Water datum
- Channel length is in nautical miles

SANDY HOOK BAY AT LEONARDO:

- **Reach A:** No shoaling exists in this reach.
- **Reach B:** A spot shoal exists along the toe of the Right Outside Quarter, approximately 315 feet seaward of Red NJ Buoy No. #. A spot shoal exists in the Left Outside Quarter, approximately 90 feet landward of RED NJ Buoy No. #.
- **Reach C:** A spot shoal exists along the toe of the Right Outside Quarter, just seaward of the bulkhead. A spot shoal exists in the Middle Half of the reach, just seaward of the boat basin. A spot shoal exists in the Left Outside Quarter, approximately 430 feet seaward of the entrance to the boat basin.