

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

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DATE August 31, 2007

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 630 feet (ft) seaward from Green Can #1; ends approximately 150 ft seaward from Green Can #3.	Map 129; Sheet 1 of 1; 25 July 2007	150	0.197	8	8.1	7.7	6.8
Reach B: Begins approximately 150 ft seaward from Green Can #3; ends approximately 65 ft seaward from Green Can #5.	Map 129; Sheet 1 of 1; 25 July 2007	150	0.127	8	5.1	4.3	3.2
Reach C: Begins approximately 65 ft seaward from Green Can #5; ends at boat basin.	Map 129; Sheet 1 of 1; 25 July 2007	150	0.099	8	0.8	1.7	1.4

REMARKS:

- All depths in Mean Low Water.
- Channel length is in nautical miles

SANDY HOOK BAY AT LEONARDO:

- **Reach A:** Shoaling is present in the right outside quarter beginning approximately 400 ft seaward from Red Nun #2 to the end of the reach. Additional shoaling is present in the middle half of the channel beginning approximately 240 ft seaward from Green Can #3 for approximately 90 ft.
- **Reach B and C:** In general, shoaling is present throughout the entire width of the channel in both reaches.