

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

PAGE	1	OF	1
DATE	29 June 2012		

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 635 feet (ft) seaward of NJ Red NUN LIGHTED #2; ends approximately 85ft seaward of NJ GREEN CAN LIGHTED #3.	Map 133; Sheet 1 of 1; 17 May 2012	150	0.19	8	8.7	8.1	7.1
Reach B: Begins approximately 85ft seaward of NJ GREEN CAN LIGHTED #3; ends approximately 90ft seaward of NJ GREEN CAN #5.	Map 133; Sheet 1 of 1; 17 May 2012	150	0.13	8	5.8	5.7	3.4
Reach C: Begins approximately 90 ft seaward of NJ GREEN CAN #5; ends at boat basin.	Map 133; Sheet 1 of 1; 17 May 2012	150	0.1	8	1.9	1.9	1.9

REMARKS:

- All depths in Mean Lower Low Water (MLLW)
- Channel length is in nautical miles

SANDY HOOK BAY AT LEONARDO:

- **Reach A:** This reach is substantially shoal free from the seaward end of the channel to Reach B. Right edge shoaling up to approximately 25 feet wide starts approximately 245 feet from the start of the channel and continues intermittently to the end of the reach.
- **Reach B:** With the exception of intermittent areas within the first 270 feet of the reach, shoaling is present for the entire width 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.