

**REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE**

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DATE: 16 December 2016

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:
Shark River, 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. From approximately 650 feet seaward of the end of the south jetty to approximately 150 feet seaward of the end of the north jetty.	Map 138 Pg 1 of 1; 25 October 2016	100-150	0.13	18	17.4	13.6	13.5
Reach B. From approximately 150 feet seaward of the end of the north jetty to the Ocean Avenue Bridge.	Map 138 Pg 1 of 1; 25 October 2016	100	0.14	12	13.6	10.7	9.6

REMARKS:

- All reported depths are relative to the Mean Lower Low Water (MLLW) datum.
- Channel reach lengths are in nautical miles.

SHARK RIVER CHANNEL:

- **Reach A:** Shoaling exists in the Left Outside Quarter, beginning approximately 480 feet seaward of the end of the south jetty and continues landward approximately 260 feet. Shoaling exists in the Right Outside Quarter and Middle Half of the Reach beginning approximately 50 feet seaward of the end of the south jetty and continues landward approximately 210 feet to the end of reach. The maximum shoal width within these parameters is approximately 75 feet.
- **Reach B:** Shoaling exists in the Right Outside Quarter and Middle Half of the Reach beginning approximately 50 feet landward of the end of the north jetty and continues landward approximately 60 feet. The maximum shoal width within these parameters is approximately 50 feet. Edge shoaling exists along the channel's toe in the Right Outside Quarter, starting approximately 170 feet seaward of the end of the north jetty and continuing approximately 70 feet landward.