

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

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DATE: 02 August 2021

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 765 feet seaward of FIXED AID GREEN #1 to approximately 40 feet landward of the same.	File No. 5083/N3 Pg 1 of 2; 8,12,14,15 July 2021	100-150	0.13	18	16.4	16.3	15.3
Reach B. From approximately 40 feet landward of FIXED AID GREEN #1 to the location of the OCEAN AVENUE BRIDGE.	File No. 5083/N3 Pg 1 of 2; 8,12,14,15 July 2021	100	0.13	12	14.9	11.2	12.5
Partial Reach C. Survey coverage exists from the location of the OCEAN AVENUE BRIDGE to approximately 500 feet landward of the beginning of this partial reach.	File No. 5083/N3 Pg 1 of 2; 8,12,14,15 July 2021	50-210	0.76	12	14.9	13.8	16.0

REMARKS:

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

SHARK RIVER, NEW JERSEY

- **Reach A:** Shoaling exists throughout much of this reach. The controlling depth of -15.3 feet MLLW exists in the Right Outside Quarter at approximately 20 feet seaward of the end of this reach.
- **Reach B:** A minor shoal exists in the Right Outside Quarter and Middle Half of this reach. The controlling depth of -11.2 feet MLLW exists in the Middle Half of this reach, just south of Fixed Aid Red #2, approximately 225 feet landward of the beginning of this reach.
- **Partial Reach C:** No shoaling exists in this partial reach. The controlling depth of -13.8 feet MLLW exists in the Middle Half at approximately 250 feet landward of the beginning of this reach.