

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

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DATE: 14 August 2020

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 1,600 feet seaward of the OCEAN AVENUE BRIDGE to approximately 800 feet seaward of the same.	File 4968/N1 & N2; Pg 1 of 2; 27, 30 July and 03 August 2020	100-150	0.13	18	11.0	13.8	15.6
Reach B. From approximately 800 feet landward of the OCEAN AVENUE BRIDGE to the same.	File 4968/N1 & N2; Pg 1 of 2; 27, 30 July and 03 August 2020	100	0.13	12	14.0	14.4	13.2
Partial Reach C. Survey coverage exists from the OCEAN AVENUE BRIDGE to approximately 300 feet landward of the same.	File 4968/N1 & N2; Pg 1 of 2; 27, 30 July and 03 August 2020	50-210	0.76	12	11.0	12.3	14.5

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 in the middle of this reach, across the width of the channel and tapers into the Left and Right Outside Quarters. The controlling depth of -11.0 feet MLLW exists in the Left Outside Quarter at approximately 510 feet landward from the beginning of this reach.
- **Reach B:** No shoaling exists in this reach. The controlling depth of -13.2 feet MLLW exists in the Right Outside Quarter at approximately 255 feet landward from the beginning of this reach.
- **Partial Reach C:** A spot shoal exists along the channel toe in the Left Outside Quarter in this partial reach. The controlling depth of -11.0 feet MLLW exists in the spot shoal along the channel toe in the Left Outside Quarter approximately 30 feet landward of the OCEAN AVENUE BRIDGE.