

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

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DATE: 15 October 2018

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 760 feet landward of the Fixed Aid Green #1 to approximately 40 feet seaward of the same.	File 148 Sheet 1 of 2; 8 - 9 August 2018	100-150	0.13	18	12.3	15.4	14.0
Reach B: From approximately 40 feet landward of the Fixed Aid Green #1 to the Ocean Avenue Bridge.	File 148 Sheet 1 of 2; 8 - 9 August 2018	100	0.13	12	13.0	13.2	11.1
Reach C (Partial): Survey coverage exists from the Ocean Ave Bridge to approximately 465 feet landward of the same.	File 148 Sheet 1 of 2; 8 - 9 August 2018	50-210	0.76	12	12.4	11.9	14.8

REMARKS:

- All reported depths are relative to Mean Lower Low Water (MLLW) datum
- Channel reach lengths are in nautical miles
- *Survey coverage does not exist in a portion of Reach C.
- **Survey coverage does not exist in Reach D and Reach E.

SHARK RIVER, NEW JERSEY

- **Reach A:**
 - Shoaling exists in the Left Outside Quarter and Middle Half commencing at approximately 150 feet landward from the beginning of the reach and continues landward to the approximate location of FIXED AID GREEN #1 with a maximum width of approximately 90 feet.
 - Shoaling exists in the Right Outside Quarter and Middle Half commencing at approximately 680 feet landward from the beginning of the reach and continues landward until the end of the reach with a maximum width of 65 feet.
 - Spot shoaling exists in the Right Outside Quarter and Middle Half.
 - The controlling depth of -12.3 feet MLLW exists at approximately 150 feet seaward of FIXED AID GREEN #1.
- **Reach B:**
 - A shoal exists in the Right Outside Quarter at the approximate location of FIXED AID RED #2.
 - The controlling depth of -11.1 feet MLLW exists at the approximate location of FIXED AID RED #2.
- **Partial Reach C:**
 - Minor shoaling exists in the Middle Half of this partial reach.
 - The controlling depth of -11.9 feet MLLW exists at approximately 240 feet landward of the beginning of the reach.