

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

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DATE: 19 April 2022

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 5159 Pg 1 of 3; 28 February, 3, 17, 18 March 2022 | 100-150 | 0.1 | 18 | 9.8 | 12.4 | 17.8 |
| Reach B. From approximately 800 feet landward of the OCEAN AVENUE BRIDGE to the same. | File 5159 Pg 1 of 3; 28 February, 3, 17, 18 March 2022 | 100 | 0.1 | 12 | 14.7 | 13.4 | 13.5 |
| Reach C. From the OCEAN AVENUE BRIDGE to the ROUTE 35 BRIDGE. | File 5159 Pg 1-3 of 3; 28 February, 3, 17, 18 March 2022 | 50-210 | 0.8 | 12 | 6.0 | 6.9 | 6.9 |
| Reach D. From the ROUTE 35 BRIDGE to the upstream limit of Federal Channel at Belmar Municipal Boat Basin. | File 5159 Pg 3 of 3; 28 February, 3, 17, 18 March 2022 | 50-200 | 0.5 | 8 | 5.7 | 8.3 | 5.9 |

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 -9.8 feet MLLW exists in the Right Outside Quarter at approximately 200 feet seaward from FIXED AID GREEN #1.
- **Reach B:** The controlling depth of -13.4 feet MLLW exists in the Middle Half at approximately 15 feet landward from FIXED AID RED #2.
- **Reach C:** Shoaling exists in the middle of the reach across the width of the channel and towards the end of this reach. The controlling depth of -6.0 feet MLLW exists in the Left Outside Quarter, approximately 1,740 feet landward from the beginning of this reach.
- **Reach D:** Minor sporadic edge shoaling exists throughout this reach. The controlling depth of -5.7 feet MLLW exists in the Left Outside Quarter at the approximate 1,250 landward from RED NJ #2 EBB.

**REPORT OF CHANNEL CONDITIONS
IRREGULAR WIDTH**

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DATE: 05 May 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 DEPTH IN
CHANNEL ENTERING FROM SEAWARD**

| NAME OF CHANNEL | DATE OF SURVEY | AUTHORIZED PROJECT | | | |
|--|---|--------------------|--------------|--------------|-----|
| | | WIDTH (feet) | AREA (acres) | DEPTH (feet) | |
| Reach E: Triangular anchorage area located seaward of the State Highway Route 71 Bridge. Anchorage begins approximately 1,475 feet seaward of Route 71 Bridge; thence widens towards and ends near the Route 71 Bridge. | File 5159 Pg 2 of 3; 28 February, 3, 17, 18 March 2022 | Irregular | 6.62 | 12 | 4.3 |

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 E:**
 - Shoaling exists throughout the majority of this reach. The controlling depth of -4.3 feet MLLW exists at approximately 470 feet seaward of the ROUTE 71 (MAIN ST.) BRIDGE.