

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

PAGE 1 OF 1

DATE: 15 January 2015

**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 (n miles)	DEPTH (feet)			
<b>Reach C.</b> From the Ocean Ave Bridge to the Route 35 Bridge.	File 126 Sheets 1 & 2 of 4; 21, 24, 25 Nov 2014	100	0.76	12	8.0	8.5	3.6
<b>Reach D.</b> From the Route 35 Bridge to the upstream limit of Federal Channel at Belmar Municipal Boat Basin.	File 126 Sheet 3 of 4; 21, 24, 25 Nov 2014	100	0.46	8	8.6	8.2	8.3
<b>Reach E:</b> Triangular anchorage area east of the State Highway Route 71 Bridge, begins 1,200 ft east of Route 71 Bridge then widens toward and ends approximately 50 feet seaward of the Route 71 Bridge.	File 126 Sheet 2 of 4; 21, 24, 25 Nov 2014	Irregular	6.98 (Acres)	12	5.5		

**REMARKS:**

- All depths are in reference to Mean Lower Low Water (MLLW)
- Channel length is in nautical miles

**SHARK RIVER, NEW JERSEY**

- **Reach C:**
  - Shoaling exists along the channel's toe in the Right Outside Quarter commencing approximately 900 feet landward of the Ocean Ave. Bridge and continues approximately 65 feet landward with a width of approximately 10 feet. A spot shoal exists in the Middle Half approximately 970 feet landward of the Ocean Ave. Bridge. Shoaling exists across the channels width commencing approximately 100 feet seaward of the Eastern edge of the Route 71 Bridge and continues landward to the same edge of the Route 71 Bridge. Shoaling exists in the Right Outside Quarter commencing approximately 410 feet landward of the Route 71 Bridge and continues approximately 80 feet landward with a width of approximately 35 feet.
- **Reach D:**
  - Project depth is available throughout the entire reach.
- **Reach E:**
  - Shoaling exists along the anchorage's south western edge running parallel to Route 71 Bridge, commencing approximately 10 feet landward of the channel limit and continuing approximately 130 feet landward (towards Avon By The Sea) with a width of approximately 20 feet. Shoaling exists in the north western corner beginning approximately 100 feet seaward of the Route 71 Bridge and continues approximately 60 feet seaward with a width of approximately 3 feet. A shoal exists along the anchorage's northern edge with a width of approximately 15 feet beginning approximately 275 feet seaward of Route 71 Bridge and continuing approximately 170 feet seaward.