

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE					PAGE 1 OF 2		
					DATE 29 October 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)			
Reach A: Starting at a point approximately 650 feet seaward of the end of the south jetty to a point approximately 150 feet seaward of the end of the north jetty.	Map No. 133 Sheet 1 of 1; 19 Oct 2015	150-100	0.13	18	17.8	10.9	9.6
Reach B: From a point approximately 150 feet seaward of the end of the north jetty to a point approximately 15 feet landward of Ocean Ave Bridge.	Map No. 133 Sheet 1 of 1; 19 Oct 2015	100	0.13	12	13.8	10.7	7.4
Reach C: From a point approximately 15 feet landward of Ocean Ave Bridge to Route 35 Bridge.	Map No. 133 Sheet 1 of 1; 19 Oct 2015 Map No. 132 Sheets 2-3 of 3; 20-21 Aug, 2 Sept 2015	100	0.76	12	9.1	9.2	8.3
Reach D: From Route 35 Bridge to the upstream limit of Federal Channel at the landward end of the Belmar Municipal Boat Basin.	Map No. 132 Sheet 3 of 3; 20-21 Aug, 2 Sept 2015	100	0.46	8	8.8	8.3	8.1
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD		
		WIDTH (feet)	AREA (acres)	DEPTH (feet)			
Reach E: Triangular anchorage area beginning approximately 1,200 feet seaward of the Route 71 Bridge then widening toward and ending approximately 55 feet seaward of the Route 71 Bridge, having a maximum width of approximately 430 feet.	Map No. 132 Sheet 2 of 3; 20-21 Aug, 2 Sept 2015	Irregular	6.98	12	11.4		
REMARKS: <ul style="list-style-type: none"> All depths are relative to Mean Lower Low Water (MLLW) datum. Channel Reach Length is in nautical miles 							
SHARK RIVER <ul style="list-style-type: none"> Reach A: Spot shoaling exists in the Right Outside Quarter (ROQ), Middle Half (MH), and Left Outside Quarter (LOQ) beginning approximately 400 feet seaward of the end of the south jetty and continuing landward for approximately 200 feet. Shoaling exists across the width of the channel approximately 400 feet seaward of the end of the north jetty for a length of approximately 250 feet landward to the end of the reach. 							

- **Reach B:** Shoaling continues from Reach A in the ROQ and MH along the toe of the channel from approximately 150 feet seaward of the end of the north jetty to a point approximately 350 feet landward, having a maximum width of approximately 50 feet.
- **Reach C:** Shoaling exists along the ROQ channel toe approximately 740 feet landward of Ocean Ave Bridge for a length of approximately 260 feet, having a maximum width of approximately 40 feet. Shoaling exists approximately 1,180 feet landward of Ocean Ave Bridge for a length of approximately 860 feet across the width of the entire channel. A spot shoal exists in the ROQ and MH approximately 70 feet seaward of Route 71 Bridge for a length of approximately 140 feet, having a maximum width of approximately 55 feet.
- **Reach D:** A spot shoal exists in the LOQ beginning approximately 440 feet seaward of the end of the reach and extends landward approximately 40 feet, with a maximum width of approximately 10 feet.
- **Reach E:** Sporadic shoaling exists along the toe of the anchorage area on the western and northern side of the reach. The maximum width of this shoaling is approximately 60 feet into the anchorage.