

**REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE
(ER 1130-2-3165)**

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DATE: August 7, 2012

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. Starting at a point 650 ft east of the end of the south jetty in the ocean to a point 150 ft east of the end of the north jetty.	Map 117 Pg 1 of 1 July 2-3, 5, 9-10, 2012	150/100	0.13	18	15.0	17.7	17.6
Reach B. From a point 150 ft east of the end of the north jetty to Ocean Ave Bridge.	Map 117 Pg 1 of 1 July 2-3, 5, 9-10, 2012	100	0.13	12	14.9	15.6	15.4

REMARKS:

- All depths are in reference to Mean Low Water (MLW)
- Channel length is in nautical miles
 - **Reach A:**
A shoal exists in the Left Outside Quarter with a width of approximately 25 feet begins approximately 120 feet seaward from the end of the south jetty and extends approximately 140 feet landward. A shoal exists in the Middle Half and Right Outside Quarter with a width of approximately 45 feet begins approximately 680 feet seaward from the end of the north jetty and extends approximately 80 feet landward. Another shoal exists in the Middle Half and Right Outside Quarter begins 605 feet seaward from the end of the north jetty and extends 70 feet landward and has a maximum width of approximately 25 feet.
 - **Reach B:** No shoal exists in this reach.