

**REPORT OF CHANNEL CONDITIONS  
100 TO 400 FEET WIDE  
(ER 1130-2-306)**

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**DATE:**                      April 11, 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:**  
Newark Bay, Hackensack and Passaic Rivers, New Jersey – South Elizabeth Channel

**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)			
<b>Reach I:</b> Port Elizabeth South Reach From approximately GREEN CAN #1 at junction between Port Elizabeth South Reach and the Main Channel to END of Port at a point approximately 0.5 miles westward.	Map 926 1 pg of 1; 21 Dec. 2011, 5 Jan. 2012 & 1 Feb. 2012	140-290	0.43	45	45.0	44.8	44.6

**REMARKS:**

- All depths in Mean Low Water (MLW).
- Channel length is in nautical miles.

**NEWARK BAY**

- **Reach I:**
  - A spot shoal exists in the Middle Half of the channel beginning approximately 2,500 feet landward from the beginning of the reach, for a length and width of less than 10 feet.
  - Minor shoaling exists in the Right Outside Quarter of the channel beginning approximately 2,600 feet landward from the beginning of the reach. The shoaling is approximately the width of the Right Outside Quarter and extends approximately 15 feet in length.