

**REPORT OF CHANNEL CONDITIONS  
(FOR CHANNELS 400 FEET WIDE OR GREATER)**

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DATE 17 September 2020

**TO:** The Record

**FROM:** U.S. Army Corps of Engineers  
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**RIVER/HARBOR NAME AND STATE:** New York & New Jersey Harbor; Newark Bay - Port Elizabeth South Reaches

**MINIMUM DEPTHS IN EACH ¼ WIDTH OF  
CHANNEL ENTERING FROM SEAWARD**

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MID-CHANNEL		RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)		LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	
<b>NEWARK BAY PORT ELIZABETH South Reaches of New York &amp; New Jersey Harbor</b>								
<b>Reach I – Port Elizabeth South Reach (East):</b> From approximately 25 feet landward of GREEN CAN #1 FLOOD, to a point approximately 1,530 feet landward of the same.	Map #4987/N1, Pg 1 of 1; 26-27 Aug 2020	515-500	0.26	50	48.5	48.7	48.6	49.1
<b>Reach I1 – Port Elizabeth South Reach (West):</b> From the end of Reach I at a point approximately 1,530 feet landward of GREEN CAN #1 FLOOD, to the end of the port at a point approximately 2,520 feet landward of GREEN CAN #1 FLOOD.	Map #4987/N1, Pg 1 of 1; 26-27 Aug 2020	500-100	0.17	45	40.2	40.5	40.9	40.8

**REMARKS:**

- All reported depths are relative to the Mean Lower Low Water (MLLW) datum.
- Channel reach lengths are in nautical miles.

**PORT ELIZABETH**

**Reach I – Port Elizabeth South Reach (East):**

- Shoaling exists throughout the Left Outside and Left Inside Quarters of this reach. Shoaling also exists in the Right Inside Quarter at the middle and end of the reach. Edge shoaling exists along the channel toe of the Right Outside Quarter at the beginning of the reach. The controlling depth of -48.5 feet MLLW exists in the Left Outside Quarter between approximately 470 and 675 feet seaward of the end of the reach.

**Reach I1 – Port Elizabeth South Reach (West):**

- Shoaling exists along most of the length of this reach, in all four quarters of the channel. The controlling depth of -40.2 feet MLLW exists in the Left Outside Quarter of this reach, approximately 400 feet seaward of the end of the reach.