

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

DATE 17 April 2023

**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:** 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)	

**NEWARK BAY PORT ELIZABETH South Reaches of New York & New Jersey Harbor**

<p><b>Reach I – Port Elizabeth South Reach (East):</b> From a point along the Left Quarter Outside Edge seaward approximately 85 feet of the location of GREEN CAN #1 EBB to a point approximately 1,530 feet landward of the beginning of the reach.</p>	<p>File 5290/N2/D, Pg 1 of 1 4 &amp; 6 April 2023</p>	<p>515-500</p>	<p>0.26</p>	<p>50</p>	<p>49.6</p>	<p>48.7</p>	<p>48.4</p>	<p>49.1</p>
<p><b>Reach I1 – Port Elizabeth South Reach (West):</b> From the end of Reach I to a point approximately 990 feet landward along the Right Quarter Outside Edge, at the end of the port.</p>	<p>File 5290/N2/D, Pg 1 of 1 4 &amp; 6 April 2023</p>	<p>500-100</p>	<p>0.17</p>	<p>45</p>	<p>42.3</p>	<p>43.6</p>	<p>42.9</p>	<p>41.9</p>

**REMARKS:**

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

**PORT ELIZABETH South Reaches**

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

- Sporadic shoaling exists in the Right Outside Quarter, Left Outside Quarter and at the landward end of both Left and Right Inside Quarters of this reach. The controlling depth of -48.4 feet MLLW exists in the Right Inside Quarter at a point on the landward end of the reach.

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

- Shoaling exists across much of this entire reach in the Left Outside, Left Inside, and Right Inside quarters of the channel. At the landward end of this reach, shoaling extends across all 4 quarters. The controlling depth of -41.9 feet MLLW exists in the Right Outside Quarter at a point on the outside edge at the landward end of the reach.