

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

**PAGE 1 OF 3 PAGE**

**DATE** 25 April 2022

**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)	
<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 160 feet seaward of GREEN CAN #1 EBB, to a point approximately 1,480 feet landward of the same.	File 5114/D/N1/N3, Pg 1-2 of 8; 16, 17, 21 March 2022	515-500	0.26	50	50.0	49.6	49.9	49.4
<b>Reach I1 – Port Elizabeth South Reach (West):</b> From the end of Reach I at a point approximately 1,480 feet landward of GREEN CAN #1 EBB, to the end of the port at a point approximately 2,470 feet landward of GREEN CAN #1 EBB.	File 5114/D/N1/N3, Pg 1 of 8; 16, 17, 21 March 2022	500-100	0.17	45	44.2	45.3	45.3	43.7

**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):**

- Minor edge shoaling exists throughout this reach. The controlling depth of -49.4 feet MLLW exists in the Right Outside Quarter at a point approximately 80 feet landward of GREEN CAN #1 EBB.

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

- Minor edge shoaling exists throughout this reach. The controlling depth of -43.7 feet MLLW exists in the Left Outside Quarter at a point approximately 2,430 feet landward of GREEN CAN #1 EBB.

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New York, NY 10278-0090

**RIVER/HARBOR NAME AND STATE:**  
New York & New Jersey Harbor; Newark Bay - Port Elizabeth Channel

**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 CHANNEL of New York & New Jersey Harbor Navigation Channels Project**

<b>Reach G – Port Elizabeth Branch:</b> From approximately 135 feet seaward of NUN #2 EBB, to a point located approximately 7,650 feet landward of the same, at the end of the port.	File #5114/N1/N3/D; Pgs 3 – 5 of 8; 16, 17, 21, 25, 29 March 2022	750 – 500	1.27	50	49.0	49.9	47.8	49.3
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**REMARKS:**

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

**PORT ELIZABETH**

**Reach G – Port Elizabeth Branch:**

- Minor edge shoaling exists throughout this reach.
- The controlling depth of -47.8 feet MLLW exists in the Right Inside Quarter, at approximately 5,755 feet landward of RED NUN #4.

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26 Federal Plaza, ATTN: CENAN-OP-ST  
New York, NY 10278-0090

**RIVER/HARBOR NAME AND STATE:**

Newark Bay, Hackensack & Passaic Rivers, NJ; Newark Bay – Port Newark and Port Newark Pierhead Channels

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

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (LOQ) (feet)	MID-CHANNEL		RIGHT OUTSIDE QUARTER (ROQ) (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)		LEFT INSIDE QUARTER (LIQ) (feet)	RIGHT INSIDE QUARTER (RIQ) (feet)	
<b>Reach F - Port Newark Pierhead Reach:</b> Begins approximately 135 feet seaward of RED NUN #4 EBB and extends to approximately GREEN CAN #3 EBB.	File #5114/D/N1/N3, Sheet 7-8 of 8; 16, 17, 21 March 2022	300-750	0.65	40	37.2	39.9	39.5	

**REMARKS:**

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

**NEWARK BAY – Port Newark and Port Newark Pierhead Channels:**

**Reach F:**

- Majority of the shoaling exists in the Left Outside Quarter. Minor edge shoaling exists throughout this reach.
- The controlling depth of -37.2 feet MLLW exists in the Left Outside Quarter at approximately 70 feet seaward of RED NUN #8 EBB.