

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

DATE: 20 January 2026

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 & 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)	
Reach D - Port Newark Branch Reach: Begins approximately at location of GREEN #17 W/LIGHT FLOOD and extends to a point approximately 750 feet landward of CAN #3 FLOOD.	File #5602/D/N2/N4 Sheets 4 & 6 of 6; 11, 12, 14, 18-20, 25-27 August & 03 September 2025	400-1,785	0.38	40	35.5	37.0	37.8	37.1
Reach E - Port Newark Inshore Reach (East): Begins approximately 750 feet landward of CAN #3 FLOOD and extends to a point approximately 1,000 feet seaward of the end of the port (located approximately 5,360 feet landward of the start of the reach).	File #5602/D/N2/N4 Sheets 2 - 4 of 6; 11, 12, 14, 18-20, 25-27 August & 03 September 2025	400	0.90	40	39.0	40.2	40.2	37.5
Reach E1 - Port Newark Inshore Reach (West): Begins approximately 1,000 feet seaward of the end of the port and continues landward to the end of the port.	File #5602/D/N2/N4 Sheets 2 of 6; 11, 12, 14, 18-20, 25-27 August & 03 September 2025	400	0.16	35	29.3	27.9	27.4	27.3
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 F - Port Newark Pierhead Reach: Begins at the approximate location of NUN #4 FLOOD and extends to the approximate location of CAN #3 FLOOD.	File #5602/D/N2/N4 Sheets 4 & 5 of 6; 11, 12, 14, 18-20, 25-27 August & 03 September 2025	300-750	0.65	40	35.7	36.1	35.1	

REMARKS:

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

NEWARK BAY – Port Newark and Port Newark Pierhead Channels:

- **Reach D:** Shoaling exists throughout the Left and Right Outside Quarters, extending into the Left and Right Inside Quarters. The controlling depth of -35.5 feet MLLW exists in the Left Outside Quarter, along the channel's toe, at a point approximately 270 feet seaward of GREEN #1 W/LIGHT FLOOD.
- **Reach E:** Shoaling exists sporadically in both the Left and Right Outside Quarters of this reach. The controlling depth of -37.5 feet MLLW exists in the Right Outside Quarter, along the toe of the channel, at a point approximately 80 feet seaward of the channel's bend.

- **Reach E1:** Shoaling exists in the Right Outside Quarter and into the Right Inside Quarter at the beginning of this reach, and expands across all four quarters of the channel towards the end of this reach. The controlling depth of -27.3 feet MLLW exists in the Right Outside Quarter, along the toe of the channel, at the very end of this reach.
- **Reach F:** At the beginning of this reach, shoaling exists in the Right and Left Outside Quarters of the channel. Shoaling thence becomes as wide as the channel's entire width for much of the remainder of the reach. The controlling depth of -35.1 feet MLLW exists in the Right Outside Quarter at a point approximately 190 feet landward (north) of NUN #10 FLOOD.

