

REPORT OF CHANNEL CONDITIONS (FOR CHANNELS 400 FEET WIDE OR GREATER)						PAGE 1 OF 2 PAGES			
						DATE XX October 2025			
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 – Main 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 MAIN CHANNEL of Newark Bay, Hackensack & Passaic Rivers Navigation Channels Project									
Reach A – Main Channel South: Begins at the junction with KVK and Arthur Kill Channels and ends at a point approximately 100 feet landward of RED #10 W/ LIGHT FLOOD.	File #5600/D/N4 Pgs. 2 - 6 of 13; 11, 12, 14, 18-20, 25-27 Aug. & 03 Sep. 2025	1,000 – 2,360	1.28	50	47.4	50.1	49.5	39.2	
Reach B – Main Channel Middle (South): Begins at a point approximately 100 feet landward of RED #10 W/ LIGHT FLOOD and ends at a point approximately 340 feet seaward of NUN #16 FLOOD.	File #5600/D/N4 Pgs. 6 - 9 of 13; 11, 12, 14, 18-20, 25-27 Aug. & 03 Sep. 2025	1,655 - 800	0.87	50	41.5	44.0	44.3	35.2	
Reach B1 - Main Channel Middle (North): Begins at a point approximately 340 feet seaward of NUN #16 FLOOD and ends approximately 440 feet seaward of RED #20 W/LIGHT SLACK.	File #5600/D/N4 Pgs. 9 & 10 of 13; 11, 12, 14, 18-20, 25-27 Aug. & 03 Sep. 2025	565-800	0.54	40	38.5	39.1	37.2	35.0	
Reach C - Main Channel North: From approximately 440 feet seaward of RED #20 W/LIGHT SLACK and ends at a point approximately 135 feet seaward of RED #2 FLOOD.	File #5600/D/N4 Pgs. 10 - 13 of 13; 11, 12, 14, 18-20, 25-27 Aug. & 03 Sep. 2025	500-1,030	1.37	35	16.4	20.6	16.9	4.9	
REMARKS:									
<ul style="list-style-type: none"> All reported depths are relative to the Mean Lower Low Water (MLLW) datum. Channel reach lengths are in nautical miles. 									
NEWARK BAY – MAIN CHANNEL									
<ul style="list-style-type: none"> Reach A: Shoaling exists in the Right Outside Quarter from the beginning of the reach and extends approximately 3,000 feet landward. Sporadic shoaling exists in the Left Outside Quarter at various locations throughout this reach. The controlling depth of -39.2 feet MLLW is located in the Right Outside Quarter along the toe of the channel at a point approximately 80 feet landward of RED #10 W/LIGHT FLOOD. Reach B: Shoaling exists in the Right Outside Quarter for the entire length of this reach. Sporadic shoaling exists in the Left Outside Quarter at various locations throughout this reach. Shoaling exists in all four quarters of the channel, for approximately the last 530 feet of this reach. The controlling depth of -35.2 feet MLLW is located in the Right Outside Quarter along the toe of the channel at a point approximately 125 feet landward of RED #14 W/LIGHT SLACK. 									

- **Reach B1:** Shoaling exists in the Right Outside Quarter, encroaching into the Right Inside Quarter, for much of this reach. Sporadic shoaling exists in the Left Outside & Inside Quarters in the vicinity of NUN #16 FLOOD. Sporadic shoaling exists in the Left Outside Quarter at various locations within this reach. in all four quarters of the channel, for approximately the last 40 feet of this reach. The controlling depth of -35.0 feet MLLW is located in the Right Outside Quarter along the toe of the channel at a point approximately 390 feet seaward of CAN #19A EBB.
- **Reach C:** Shoaling exists in the Right Outside Quarter of the channel throughout much of this reach. Shoaling exists in the Left Outside Quarter, along the toe of the channel, throughout much of this reach. Shoaling exists across much of the width of the Right Outside & Inside Quarters for approximately the last 2,550 feet of this reach. Shoaling exists across much of the width of the Left Outside & Inside Quarters for approximately the last 1,150 feet of this reach. The controlling depth of -4.9 feet MLLW is located in the Right Outside Quarter, along the toe of the channel at its bend, at a point approximately 525 feet landward of RED #24 FLOOD.