

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

**PAGE 1 OF 1 PAGES**

**DATE 23 October 2024**

**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 and New Jersey Harbor;  
Arthur Kill Channel, NY & NJ

**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 (n miles)	DEPTH (feet)		LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	
<b>Reach D:</b> Begins at the approximate location of RED #18 W/LIGHT EBB and continues to approximately 820 feet landward of RED #24 EBB.	File No. 5485/D, Pg. 3-5 of 5 29, 30 August & 3 Sept 2024	550 – 1200	1.07	50	39.3	49.0	48.0	43.7
<b>Partial Reach F:</b> Begins approximately 820 feet landward of RED #24 EBB and continues approximately 2,760 feet landward.	File No. 5485/D, Pg. 2-3 of 5 29, 30 August & 3 Sept 2024	500 – 700	0.93	50	44.2	50.0	50.8	43.1

**REMARKS:**

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

**ARTHUR KILL:**

- **REACH D:** Shoaling exists in the Right Outside Quarter extending into the Right Inside Quarter and in the Left Outside Quarter extending into the Left Inside Quarter. The controlling depth of -39.3 feet MLLW exists near the toe of the channel in Left Outside Quarter, approximately 1,494 feet seaward of GREEN/RED/GREEN "A" EBB.
- **Partial REACH F:** Shoaling exists mostly in the Right Outside and Left Outside Quarters at the seaward end of the reach. For the surveyed area the controlling depth of -43.1 feet MLLW exists along the toe of the channel in the Right Outside Quarter, approximately 2,398 feet landward of RED #24 EBB.