

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

DATE 04 May 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: New York and New Jersey Channels;
Arthur Kill, 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)	
Reach D: Begins at the approximate location of RED #18 W/LIGHT EBB and continues to approximately 810 feet landward of NUN #24 EBB.	File No. 5638/D/N3, Pg. 23-25 of 25; 1,10,15-18 December 2025 & 5,8 January 2026	550 – 1200	1.07	50	37.2	46.9	47.9	45.9
Reach F: Begins approximately 810 feet landward of RED #24 EBB and continues to approximately 240 feet seaward of the STATEN ISLAND R.R./CONRAIL BRIDGE.	File No. 5638/D/N3, Pg. 20-23 of 25; 1,10,15-18 December 2025 & 5,8 January 2026	500 – 700	0.93	50	43.1	49.8	47.9	41.5
Reach G: Begins approximately 240 feet seaward of the STATEN ISLAND R.R./CONRAIL BRIDGE and continues for approximately 4,500 feet along the centerline of the reach.	File No. 5638/D/N3, Pg. 19-20 of 25; 1,10,15-18 December 2025 & 5,8 January 2026	500 – 600	0.74	40	28.3	40.8	42.5	39.9
SEAWARD is oriented towards New York Harbor in the preceding reaches and to Raritan Bay in the following reaches.								
Reach H: Begins at the approximate location of RED #36 W/LIGHT FLOOD and continues to approximately 1,610 feet landward of GREEN #43 W/LIGHT EBB.	File No. 5638/D/N3, Pg. 15-19 of 25; 1,10,15-18 December 2025 & 5,8 January 2026	500 – 770	1.67	35	26.2	33.6	36.3	25.1
Reach I: Begins at the approximate location of RED #30 W/LIGHT EBB and continues to the approximate location of RED #36 W/LIGHT FLOOD.	File No. 5638/D/N3, Pg. 13-15 of 25; 1,10,15-18 December 2025 & 5,8 January 2026	500 – 600	0.85	35	31.6	35.8	36.2	29.7
Reach J: Begins at the approximate location of GREEN #21 W/LIGHT FLOOD and continues to the approximate location of RED #30 W/LIGHT EBB.	File No. 5638/D/N3, Pg. 10-13 of 25; 1,10,15-18 December 2025 & 5,8 January 2026	500	1.66	35	30.3	33.8	35.3	32.0

<p>Reach K: Begins at the approximate location of GREEN #11 W/LIGHT EBB and continues to the approximate location of GREEN #21 W/LIGHT FLOOD.</p>	<p>File No. 5638/D/N3, Pg. 6-10 of 25; 1,10,15-18 December 2025 & 5,8 January 2026</p>	500 – 850	1.82	35	21.0	33.4	34.7	23.1
<p>Reach L: Begins approximately 95 feet landward of GREEN #5 W/LIGHT SLACK and continues to the approximate location of GREEN #11 W/EBB.</p>	<p>File No. 5638/D/N3, Pg. 4-6 of 25; 1,10,15-18 December 2025 & 5,8 January 2026</p>	600 – 800	0.80	35	30.1	33.1	34.6	29.9

REMARKS:

- All reported depths are relative to Mean Lower Low Water (MLLW) datum.
- Channel reach lengths are in nautical miles.
- Landward is oriented towards the intersection of Reaches G and H, where authorized project depth changes from 40 to 35 feet.

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 -37.2 feet MLLW exists near the toe of the channel in Left Outside Quarter, approximately 1,173 feet seaward of GREEN/RED/GREEN "A" EBB.
- **REACH F:** Shoaling exists in the Right Outside and Left Outside Quarters. The controlling depth of -41.5 feet MLLW exists along the toe of the channel in the Right Outside Quarter, approximately 3,019 feet from the beginning of this reach and approximately 2,720 feet from the end of the reach.
- **REACH G:** Shoaling exists along the channel's toe in the Left Outside Quarter. The controlling depth of -28.3 feet MLLW exists along the toe of the channel in the Left Outside Quarter approximately 835 feet from the beginning of this reach.
- **REACH H:** Sporadic shoaling exists along the channel's toe in the Left Outside and Right Outside Quarter. The controlling depth of -25.1 feet MLLW exists along the toe of the channel in the Right Outside Quarter, approximately 560 feet landward of RED #38 W/LIGHT FLOOD.
- **REACH I:** Minimal shoaling exists along Quarters throughout the Reach. The controlling depth of -29.7 feet MLLW exists along the toe of the channel in the Right Outside Quarter, at the approximate location of RED #36 W/LIGHT FLOOD.
- **REACH J:** Spot shoaling exists in all Quarters throughout the Reach. The controlling depth of -30.3 feet MLLW exists along the toe of the channel in the Left Outside Quarter approximately 937 feet landward of GREEN #21 W/LIGHT FLOOD.
- **REACH K:** Shoaling exists along the channel's toe of Left Outside Quarter and the Right Outside Quarter. The controlling depth of -21.0 feet MLLW exists along the toe of the channel in the Left Outside Quarter, approximately 537 feet landward of GREEN #17 W/LIGHT SLACK and approximately 680 feet from GREEN #21 W/LIGHT FLOOD.
- **REACH L:** Shoaling exists along the channel's toe of Left Outside Quarter and the Right Outside Quarter. The controlling depth of -29.9 feet MLLW exists along the toe of the channel approximately 372 feet from the end on the reach and approximately 850 feet from RED #12 W/LIGHT EBB.



