

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

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DATE 20 August 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:
New York and New Jersey Harbor, Ambrose 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)	
REACH A: From approximately 1575 feet seaward of RED/WHITE "A" W/LIGHT EBB to approximately 1,570 feet landward of RED #4 W/LIGHT FLOOD.	File No. 5591/D; Pgs. 12 - 17 of 17; 09-12, 17, 18, 23, 24, 26, 27 June, 01, 02, 07-10, 14 July 2025	2,000	5.1	53	52.7	54.9	55.2	48.8
REACH B: From approximately 1,570 feet landward of RED #4 W/LIGHT FLOOD to the first bend in the channel at the approximate location of RED #14 W/LIGHT FLOOD.	File No. 5591/D; Pgs. 8 - 12 of 17; 09-12, 17, 18, 23, 24, 26, 27 June, 01, 02, 07-10, 14 July 2025	2,000	4.2	53	52.3	52.2	53.0	23.3
REACH C: From the first bend in the channel at the approximate location of RED #14 W/LIGHT FLOOD to approximately 555 feet seaward of RED #22 W/LIGHT EBB.	File No. 5591/D; Pgs. 5 - 8 of 17; 09-12, 17, 18, 23, 24, 26, 27 June, 01, 02, 07-10, 14 July 2025	2,000	2.5	53	49.7	52.3	50.9	42.8
REACH D: From approximately 555 feet seaward of RED #22 W/LIGHT EBB to approximately 2,120 feet landward of the Verrazano-Narrows Bridge.	File No. 5591/D; Pgs. 2 - 5 of 17; 09-12, 17, 18, 23, 24, 26, 27 June, 01, 02, 07-10, 14 July 2025	2,000	2.9	53	48.8	54.8	55.4	51.9

REMARKS:

- All reported depths are relative to the Mean Lower Low Water (MLLW) datum.
- Channel reach lengths are in nautical miles.
- **REACH A:** Authorized depth is available throughout much of this reach, however some edge shoaling exists along the channel's toe in the Right Outside Quarter of this reach. A spot shoal also exists along the channel's toe in the Left Outside Quarter of this reach. The controlling depth of -48.8 feet MLLW exists along the channel's toe in the Right Outside Quarter, at a point approximately 2,625 feet landward of RED #4 W/LIGHT FLOOD.
- **REACH B:** Intermittent edge shoaling exists along the channel's toe in the Right Outside Quarter of this reach. Sporadic spot shoaling exists in the Right and Left Inside Quarters in the vicinity of GREEN #11A W/LIGHT EBB. Sporadic spot shoaling also exists in the Left Outside Quarter towards the end of this reach. The controlling depth of -23.3 feet MLLW exists along the edge of the channel in Right Outside Quarter, approximately 1,135 feet landward of RED #8 W/LIGHT FLOOD.
- **REACH C:** Intermittent shoaling exists near the channel's toe in both the Right and Left Outside Quarters of this reach. Sporadic shoaling also exists in various locations throughout all four quarters of this reach. The controlling depth of -42.8 feet MLLW exists along the channel's toe in the Right Outside Quarter, approximately 915 feet landward of RED #14 W/LIGHT FLOOD.
- **REACH D:** Shoaling exists near the channel's toe in the Left Outside Quarter of this reach. A spot of edge shoaling also exists in the Right Outside Quarter in the vicinity of RED #22 W/LIGHT EBB. The controlling depth of -48.8 feet MLLW exists in multiple locations along the channel's toe in the Left Outside Quarter of this reach (approximately 1,640 feet landward of GREEN #23 W/LIGHT, and approximately 1,820 feet landward of the same).