

REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE

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DATE 01 August 2022

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:

Tarrytown Harbor, New York

**MINIMUM DEPTHS IN
CHANNEL ENTERING FROM SEAWARD**

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (n miles)	DEPTH (feet)			
Reach A (South Channel): Begins at approximately 730 feet seaward of RED NUN #2 FLOOD; ends at the first bend, at approximately 45 feet landward of GREEN CAN #3 FLOOD.	File 5191/N1, Pgs 1 & 2 of 3; 5-7 July 2022	150	0.31	12	7.4	7.6	7.4
Reach B (Wharf): Begins at the first bend, at approximately 45 feet landward of GREEN CAN #3 FLOOD; ends approximately 310 feet seaward of RED NUN #4 FLOOD.	File 5191/N1, Pgs 2 & 3 of 3; 5-7 July 2022	250	0.34	12	5.7	6.0	4.0
Reach C (North Channel): Begins approximately 310 feet seaward of RED NUN #4 FLOOD; ends approximately 730 feet landward of GREEN CAN #3 FLOOD.	File 5191/N1, Page 3 of 3; 5-7 July 2022	150	0.32	12	6.4	6.5	5.5

REMARKS:

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

TARRYTOWN HARBOR:

- **Reach A:** Channel wide shoaling exists throughout much of this reach starting approximately 335 feet landward of the start of the reach. The controlling depth of -7.4 feet MLLW exists in the Left Outside Quarter from approximately 155 feet to 260 feet seaward of GREEN CAN #3 FLOOD; and in the Right Outside Quarter approximately 155 feet landward of RED NUN #4 FLOOD.
- **Reach B:** Channel wide shoaling exists throughout the entire length of the reach. The controlling depth of -4.0 feet MLLW exists in the Right Outside Quarter along the channel's toe, approximately 1,085 feet landward of GREEN CAN #3 FLOOD.
- **Reach C:** Channel wide shoaling exists throughout approximately the first 750 feet of this reach. The controlling depth of -5.5 feet MLLW exists in the Right Outside Quarter approximately 125 feet landward of the beginning of the reach.