

REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE

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DATE 25 October 2021

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 (nmiles)	DEPTH (feet)			
Reach A (South Channel): Begins at approximately 730 feet seaward of RED #2 EBB UNLIGHTED; ends at the first bend, at approximately 60 feet landward of GREEN CAN #3 FLOOD.	File 5069, Page 2 of 2; 14-15 July 2021	150	0.31	12	7.7	8.0	7.7
Reach B (Wharf): Begins at the first bend, at approximately 60 feet landward of GREEN CAN #3 FLOOD; ends approximately 310 feet seaward of RED #4 FLOOD UNLIGHTED.	File 5069, Pages 1 & 2 of 2; 14-15 July 2021	250	0.34	12	6.2	6.4	5.6
Reach C (North Channel): Begins approximately 310 feet seaward of RED #4 FLOOD UNLIGHTED; ends approximately 700 feet landward of GREEN CAN FLOOD UNLIGHTED.	File 5069, Page 1 of 2; 14-15 July 2021	150	0.32	12	7.3	6.8	6.0

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 305 feet landward of the start of the reach. The controlling depth of -7.7 feet MLLW exists in the Left Outside Quarter approximately from 195 to 640 feet seaward of GREEN CAN #3 FLOOD, and in the Right Outside Quarter approximately 105 feet seaward of the end of the reach.
- **Reach B:** Channel wide shoaling exists for the entire length of reach. The controlling depth of -5.6 feet MLLW exists in the Right Outside Quarter against the bulkhead approximately 340 feet seaward of the end of the reach.
- **Reach C:** Channel wide shoaling exists over approximately the first 735 feet of this reach. The controlling depth of -6.0 feet MLLW exists in the Right Outside Quarter approximately 20, 65 and 120 feet landward of the beginning of the reach.