

**REPORT OF CHANNEL CONDITIONS
400 FEET WIDE OR GREATER
(ER 1130-2-306)**

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DATE 27 February 2014

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, Tremley Point and Pralls Island Reaches

**MINIMUM DEPTHS IN
CHANNEL ENTERING FROM SEAWARD**

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)				
Tremley Point Reach (Reach I): Begins approximately 50 feet seaward of RED LIGHTED #30 and extends to approximately 65 feet landward of RED LIGHTED #36	Map 1359C pgs 1 through 3 of 5; 20, 24 February 2014	500-600	0.85	35	30.3	36.8	35.6	35.0
Pralls Island Reach (Reach H): Begins approximately 65 feet landward of RED LIGHTED #36 and extends to the Overhead High-Voltage Line at Piles Creek	Map 1359C pgs 3 through 5 of 5; 20, 24 February 2014	500-770	1.13	35	34.1	34.2	35.6	29.3

REMARKS:

- All depths are in reference to Mean Low Water (MLW).
- Channel Length is in nautical miles

NEW YORK AND NEW JERSEY CHANNELS:

- **Tremley Point Reach (Reach I):**
 - In the left edge of the LOQ, shoals up to 50 feet wide exist from approximately 500 feet landward of RED LIGHTED #30 to approximately 750 feet landward of same; shoals up to 25 feet wide exist from approximately 900 feet seaward of RED LIGHTED #34 to approximately 400 feet seaward of same.
- **Pralls Island Reach (Reach H):**
 - Spot shoals exist throughout the LOQ and LIQ from approximately 320 feet landward of RED LIGHTED #36 to approximately 1020 feet landward of same.
 - Along the left edge of the LOQ, shoals up to 25 feet wide exist from approximately 2900 feet seaward of the Overhead High-Voltage Line across the channel at Piles Creek.
 - Along the right edge of the ROQ, shoals up to 55 feet wide exist from approximately 460 feet landward of RED LIGHTED #36 to approximately 485 feet seaward of RED LIGHTED #38; shoals up to 55 feet wide exist from approximately 465 feet landward of RED LIGHTED #38 to approximately 1320 feet landward of same; and shoals up to 40 feet wide exist from approximately 755 feet seaward of the Overhead High-Voltage Lines to approximately 350 feet seaward of the same.