

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

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DATE 20 Mar 2023

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:
NY & NJ Channels, Vicinity of Seguine Point Bend to Outerbridge Reach

**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 M – Outerbridge Reach: From the approximate location of GREEN #5 W/ LIGHT FLOOD to approximately 4,150 feet seaward of RED #2 W/LIGHT FLOOD.	File 5261/N1/N3; Pg. 2 & 3 of 9; 12-31 January 2023	600-840	1.63	35	33.4	34.8	35.7	34.0
Reach N – Ward Point Bend West Reach: From approximately 4,150 feet seaward of RED #2 W/LIGHT FLOOD to the approximate location of RED #56 W/ LIGHT FLOOD.	5261/N1/N3; Pg. 3-5 of 9; 12-31 January 2023	600-800	1.29	35	33.1	33.9	31.0	30.3
Reach O – Ward Point Bend East Reach: From the approximate location of RED #56 W/ LIGHT FLOOD to approximate location of GREEN #47 W/LIGHT EBB.	5261/N1/N3; Pg. 5 & 6 of 9; 12-31 January 2023	600-800	1.14	35	27.3	39.8	35.8	28.4
Reach P – Red Bank Reach: From approximate location of GREEN #47 W/LIGHT FLOOD to the approximate location of GREEN #35 W/ LIGHT EBB.	5261/N1/N3; Pg. 6-8 of 9; 12-31 January 2023	600	1.23	35	32.6	41.1	41.0	33.5
Reach Q – Seguine Point Bend Reach : From the approximate location of GREEN #35 W/ LIGHT EBB to the approximate location of GREEN #27 W/ LIGHT EBB.	5261/N1/N3; Pg. 8 & 9 of 9; 12-31 January 2023	600-1000	1.23	35	28.0	34.5	35.0	16.7

REMARKS:

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

NEW YORK AND NEW JERSEY CHANNELS - Vicinity of Seguine Point Bend to Outerbridge Reach:

Reach M – Outerbridge Reach:

- Edge shoaling exists intermittently along the Left and Right Outside Quarters of this reach.
- The controlling depth of -33.4 feet MLLW exists on the outside edge of the Left Outside Quarter approximately 1,650 feet landward of RED #2 W/LIGHT FLOOD.

Reach N – Ward Point Bend West Reach:

- Shoaling exists across the Right Outside Quarter, Right Inside Quarter and into the Left Inside Quarter.
- Sporadic shoaling exists in the Left and Right Outside Quarters of this reach.
- The controlling depth of -30.3 feet MLLW exists in the Right Outside Quarter approximately 640 feet landward of RED #56 W/LIGHT FLOOD.

Reach O – Ward Point Bend East Reach:

- Edge shoaling exists intermittently along the Left and Right Outside Quarters of this reach.
- The controlling depth of -27.3 feet MLLW exists in the Left Outside Quarter approximately 790 feet landward of the end of this reach.

Reach P – Red Bank Reach:

- Edge shoaling exists intermittently along the Left and Right Outside Quarters of this reach.
- The controlling depth of -32.6 feet MLLW exists in the Left Outside Quarter approximately 215 feet seaward of the start of this reach.

Reach Q – Seguine Point Bend Reach:

- Shoaling exists along the channel toe of the Right Outside Quarter as well as the Left Outside Quarter extending into the Left Inside Quarter of this reach.
- The controlling depth of -16.7 feet MLLW exists in the Right Outside Quarter approximately 910 feet landward of RED #30 W/LIGHT EBB.