

**REPORT OF CHANNEL CONDITIONS
400 FEET WIDE OR GREATER**

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DATE 28 Nov 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 (miles)	DEPTH (feet)		LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	
Partial Reach M – Outerbridge Reach: From approximately 6085 feet landward of RED #2 W/ LIGHT EBB to approximately 4,075 feet seaward of RED #2 W/LIGHT EBB.	File 5382/D/N1 Pg. 2 & 3 of 9 16-17 November 2023	600-840	1.63	35	33.9	35.3	37.7	33.7
Partial Reach N – Ward Point Bend West Reach: From approximately 4,075 feet seaward of RED #2 W/LIGHT EBB to the approximate location of RED #56 W/ LIGHT EBB.	File 5382/D/N1 Pg. 3 - 5 of 9 16-17 November 2023	600-800	1.29	35	34.6	35.2	35.3	33.9
Reach O – Ward Point Bend East Reach: From the approximate location of RED #56 W/ LIGHT EBB to approximate location of GREEN #47 W/LIGHT & BELL SLACK.	File 5382/D/N1 Pg. 5 & 6 of 9 16-17 November 2023	600-800	1.14	35	31.6	40.2	35.3	28.0
Partial Reach P – Red Bank Reach: From approximate location of GREEN #47 W/LIGHT & BELL SLACK to approximately 285 feet seaward of GREEN #37 W/ LIGHT SLACK.	File 5382/D/N1 Pg. 6 & 7 of 9 16-17 November 2023	600	1.23	35	33.4	43.2	41.4	33.2
Reach Q – Seguine Point Bend Reach : From approximately 285 feet seaward of GREEN #37 W/ LIGHT SLACK to approximately 205 feet landward of GREEN #27 W/ LIGHT SLACK.	File 5382/D/N1 Pg. 8 & 9 of 9 16-17 November 2023	600-1000	1.23	35	32.9	35.6	35.4	30.9

REMARKS:

- Depths are relative to 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

SHOALING BY REACHES:

Reach M – Outerbridge Reach:

- Partial survey of this reach extends from approximately 750 feet landward of RED #2 W/LIGHT EBB to approximately 1700 feet seaward of the same.
- Edge shoaling exists intermittently along the Left and Right Outside Quarters of this reach.
- The controlling depth of -33.3 feet exists on the outside edge of the Left Outside Quarter approximately 1080 feet seaward of RED #2 W/LIGHT EBB.

Reach N – Ward Point Bend West Reach:

- Partial survey of this reach starting approximately 790 feet seaward from the beginning of the reach until the seaward end of the reach.
- Sporadic shoaling exists in the Left and Right Outside Quarters of this reach.
- The controlling depth of -33.9 feet exists in the Right Outside Quarter approximately 895 feet seaward of the landward end of the reach.

Reach O – Ward Point Bend East Reach:

- The entire reach is surveyed.
- Edge shoaling exists intermittently along the Left and Right Outside Quarters of this reach.
- The controlling depth of -28.0 feet exists in the Left Outside Quarter approximately 360 feet landward of RED NUM 54 EBB.

Reach P – Red Bank Reach:

- Partial survey of this reach starting at the landward end of the reach and extends seaward approximately 1860 feet then the survey picks again at approximately 1030 feet landward of the seaward end of the reach.
- Minor edge shoaling exists intermittently along the Left and Right Outside Quarters of this reach in the area surveyed.
- The controlling depth of -33.2 feet exists in the Right Outside Quarter approximately 150 feet landward of RED 36 W/LIGHT SLACK.

Reach Q – Seguine Point Bend Reach:

- The entire reach is surveyed.
- Shoaling exists along the channel toe of the Right Outside and Left Outside Quarters.
- The controlling depth of -30.9 feet exists in the Right Outside Quarter approximately 1150 feet landward of RED #30 W/LIGHT WITH BELL FLOOD.