

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

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DATE 08 July 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:**  
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)	
<b>Reach M – Outerbridge Reach:</b> From approximately 30 feet seaward of GREEN #5 W/ LIGHT FLOOD to approximately 4,105 feet seaward of RED #2 W/LIGHT EBB.	File 5178/N3; Pg. 2 & 3 of 9; 12, 16 May, 2 June 2022	600-840	1.63	35	33.6	34.7	35.4	33.6
<b>Reach N – Ward Point Bend West Reach:</b> From approximately 4,105 feet seaward of RED #2 W/LIGHT EBB to the approximate location of RED #56 W/ LIGHT FLOOD.	File 5178/N3; Pg. 3-5 of 9; 9-12, 16 May, 2 June 2022	600-800	1.29	35	33.3	33.9	31.7	31.5
<b>Reach O – Ward Point Bend East Reach:</b> From the approximate location of RED #56 W/ LIGHT FLOOD to approximately 65 feet seaward of GREEN #47 W/LIGHT FLOOD.	File 5178/N3; Pg. 5 & 6 of 9; 9-12, 16 May, 2 June 2022	600-800	1.14	35	27.6	39.8	35.4	28.4
<b>Reach P – Red Bank Reach:</b> From approximately 65 feet seaward of GREEN #47 W/LIGHT FLOOD to approximately 60 feet seaward of GREEN #35 W/ LIGHT EBB.	File 5178/N3; Pg. 6 & 7 of 9; 9-12, 16 May, 2 June 2022	600	1.23	35	32.8	40.9	41.0	33.2
<b>Reach Q – Seguine Point Bend Reach :</b> From approximately 60 feet seaward of GREEN #35 W/ LIGHT EBB to approximately 30 feet seaward of GREEN #27 W/ LIGHT EBB.	File 5178/N3; Pg. 8 & 9 of 9; 9-12, 16 May, 2 June 2022	600-1000	1.23	35	28.6	34.6	35.3	16.6

**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:**

- Edge shoaling exists intermittently along the Left and Right Outside Quarters of this reach.
- The controlling depth of -33.6 feet exists in the Right Outside Quarter approximately 740 feet seaward of RED #2 W/LIGHT EBB. It also exists in three locations in the Left Outside Quarter approximately 1110 feet seaward and 1655 feet landward of RED #2 W/LIGHT EBB and 260 feet seaward of GREEN #5 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 -31.5 feet exists in the Right Outside Quarter approximately 395 feet seaward of RED BEACON #58.

**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 -27.6 feet exists in the Left Outside Quarter approximately 745 feet landward of GREEN #47 W/LIGHT FLOOD.

**Reach P – Red Bank Reach:**

- Minor edge shoaling exists intermittently along the Left and Right Outside Quarters of this reach.
- The controlling depth of -32.8 feet exists in the Left Outside Quarter approximately 195 feet seaward of the end 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 -16.6 feet exists in the Right Outside Quarter approximately 905 feet landward of RED #30 W/LIGHT EBB.