

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

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DATE 17 June 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 60 feet landward of GREEN #5 W/ LIGHT EBB to approximately 4,215 feet seaward of RED #2 W/LIGHT EBB.	File 5057D/N1/N2; Pg. 1-3 of 7; 07-26 May 2021	600-840	1.63	35	33.8	35.1	36.0	30.7
<b>Reach N – Ward Point Bend West Reach:</b> From approximately 4,215 feet seaward of RED #2 W/LIGHT EBB to the approximate location of RED #56 W/ LIGHT EBB.	File 5057D/N1/N2; Pg. 3 & 4 of 7; 07-26 May 2021	600-800	1.29	35	33.4	34.4	32.6	29.3
<b>Reach O – Ward Point Bend East Reach:</b> From the approximate location of RED #56 W/ LIGHT EBB to the approximate location of GREEN #47 W/LIGHT FLOOD.	File 5057D/N1/N2; Pg. 4 & 5 of 7; 07-26 May 2021	600-800	1.14	35	27.6	39.9	35.3	28.7
<b>Reach P – Red Bank Reach:</b> From the approximate location of GREEN #47 W/LIGHT FLOOD to approximately 110 feet seaward of GREEN #35 W/ LIGHT FLOOD.	File 5057D/N1/N2; Pg. 5 & 6 of 7; 07-26 May 2021	600	1.23	35	32.4	40.9	40.8	33.1
<b>Reach Q – Seguine Point Bend Reach :</b> From approximately 110 feet seaward of GREEN #35 W/ LIGHT FLOOD to the approximate location of GREEN #27 W/ LIGHT FLOOD.	File 5057D/N1/N2; Pg. 6 & 7 of 7; 07-26 May 2021	600-1000	1.23	35	28.9	34.8	34.9	16.7

**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 majority of shoaling exists in the Right Outside Quarter towards the end of this reach.
- The controlling depth of -30.7 feet exists in the Right Outside Quarter approximately 300 feet seaward of the end of this reach.

**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 -29.3 feet exists in the Right Outside Quarter approximately 1,110 feet seaward of NUN #60 EBB.

**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 810 feet landward of the beginning of this reach.

**Reach P – Red Bank Reach:**

- Minor edge shoaling exists intermittently along the Left and Right Outside Quarters of this reach.
- The controlling depth of -32.4 feet exists in the Left Outside Quarter approximately 340 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 -16.7 feet exists in the Right Outside Quarter approximately 960 feet landward of RED #30 W/LIGHT FLOOD.