

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

PAGE 1 OF 2 PAGES

DATE 22 June 2020

**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 25 feet landward of GREEN #5 W/ LIGHT FLOOD to approximately 4,130 feet seaward of RED #2 W/LIGHT FLOOD.	File 4948/N1/N3/D; Pg. 1-3 of 7; 12-13, 22, 26, 28 May and 1- 4 June 2020	600-840	1.63	35	33.7	35.0	36.1	31.1
<b>Reach N – Ward Point Bend West Reach:</b> From approximately 4,130 feet seaward of RED #2 W/LIGHT FLOOD to the approximate location of RED #56 W/ LIGHT FLOOD.	File 4948/N1/N3/D; Pg. 3 & 4 of 7; 12-13, 22, 26, 28 May and 1- 4 June 2020	600-800	1.29	35	33.5	34.0	33.1	32.9
<b>Reach O – Ward Point Bend East Reach:</b> From the approximate location of RED #56 W/ LIGHT FLOOD to the approximate location of RED #46 W/LIGHT & BELL EBB.	File 4948/N1/N3/D; Pg. 4 & 5 of 7; 12-13, 22, 26, 28 May and 1- 4 June 2020	600-800	1.14	35	27.9	40.1	35.7	29.2
<b>Reach P – Red Bank Reach:</b> From the approximate location of RED #46 W/LIGHT & BELL EBB to approximately 80 feet seaward of GREEN #35 W/ LIGHT FLOOD.	File 4948/N1/N3/D; Pg. 5 & 6 of 7; 12-13, 22, 26, 28 May and 1- 4 June 2020	600	1.23	35	33.2	41.1	40.9	33.4
<b>Reach Q – Seguine Point Bend Reach :</b> From approximately 80 feet seaward of GREEN #35 W/ LIGHT FLOOD to the approximate location of GREEN #27 W/ LIGHT FLOOD.	File 4948/N1/N3/D; Pg. 6 & 7 of 7; 12-13, 22, 26, 28 May and 1- 4 June 2020	600-1000	1.23	35	29.8	35.0	35.7	17.8

**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 -31.1 feet exists in the Right Outside Quarter approximately 295 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 -32.9 feet exists in the Right Outside Quarter approximately 555 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 -27.9 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 -33.2 feet exists in the Left Outside Quarter approximately 190 feet seaward of the end of this reach.

**Reach Q – Seguine Point Bend Reach:**

- Shoaling exists along the channel's toe in the Left Outside Quarter extending into the Left Inside Quarter and the Right Outside Quarter of this reach.
- The controlling depth of -17.8 feet exists in the Right Outside Quarter approximately 1,025 feet landward of RED #30 W/LIGHT FLOOD.