

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

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DATE 14 November 2018

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, Ward Point Bend East and West Reaches

**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)	
Partial Reach N – Ward Point Bend West Reach: Survey coverage exists from approximately 330 feet landward of RED BUOY #60 EBB to the approximate location of RED BUOY #56 W/ LIGHT EBB	File 1407; Pg. 1 & 2 of 2; 26-27 September 2018	600-810	1.29	35	34.1	34.2	34.2	32.8
Partial Reach O – Ward Point Bend East Reach: Survey coverage exists from the approximate location of RED BUOY #56 W/ LIGHT EBB to approximately 260 feet seaward of RED BUOY #50 W/ LIGHT EBB	File 1407; Pg. 2 of 2; 26- 27 September 2018	600-810	1.14	35	31.6	39.9	35.7	32.2

REMARKS:

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

Ward Point Bend:

- **Partial Reach N:** Shoaling exists along the channel toe in the Right Outside Quarter, extending into the Right Inside Quarter, from approximately 375 feet landward of RED BUOY #60 EBB and continues approximately 135 feet seaward of RED BUOY #60 EBB with a maximum width of approximately 160 feet. Sporadic shoaling exists in the Left Outside and Left Inside Quarters approximately 1100 feet seaward of RED BUOY #60 EBB and continues to a point approximately 780 feet seaward. Shoaling exists in the Right Inside Quarter approximately 725 feet landward of RED BUOY #56 W/LIGHT EBB with a maximum width of approximately 10 feet. Shoaling exists in the Right Outside Quarter approximately 100 feet landward of RED BUOY # 56 W/LIGHT EBB and ends at the approximate location of the same buoy with a maximum width of approximately 40 feet. The controlling depth of -32.8 feet exists along the channel's toe in the Right Outside Quarter approximately 15 feet seaward of RED BUOY #60 EBB.
- **Partial Reach O:** Shoaling exists along the channel's toe in the Right Outside Quarter starting approximately 560 feet landward of RED BUOY #54 EBB and ends at a point approximately 835 feet landward of RED BUOY #54 EBB with a maximum width of approximately 10 feet. Shoaling exists on the channel toe in the Right Outside Quarter approximately 155 feet landward of RED BUOY #50 W/LIGHT EBB and continues to a point approximately 390 feet landward of RED BUOY #50 W/LIGHT EBB with a maximum width of approximately 15 feet. Shoaling exists along the channel's toe in the Right Outside Quarter approximately 125 feet seaward of RED #50 W/ LIGHT EBB and continues to a point approximately 295 feet seaward of RED #50 W/ LIGHT EBB with a maximum width of approximately 20 feet. Shoaling exists in the Left Outside Quarter from approximately 190 feet landward of GREEN #49 W/ LIGHT EBB and continues to a point 675 feet seaward of the same buoy with a maximum width of approximately 50 feet. The controlling depth of -31.6 feet exists along the channel's toe in the Left Outside Quarter approximately 120 feet landward of GREEN #49 W/ LIGHT EBB.