

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

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**DATE** 14 July 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:**  
Harlem River, New York

**MINIMUM DEPTHS IN EACH ¼ WIDTH OF  
CHANNEL ENTERING FROM SEAWARD**

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (n miles)	DEPTH (feet)				
<b>Reach A:</b> From approximately the seaward end of the Ward's Island Bridge to approximately 625 feet landward of the Third Avenue Bridge	File 4919; Shts 2-9 of 28; 12-19 May 2020	400	1.60	15	2.2	7.5	12.5	1.3
<b>Reach B:</b> From approximately 625 feet landward of the Third Avenue Bridge to approximately 2,675 feet seaward of the University Heights Bridge	File 4919; Shts 9-20 of 28; 12-19 May 2020	400-354	3.17	15	2.9	12.4	12.2	2.1
<b>Reach C:</b> From approximately 2,675 feet seaward of University Heights Bridge to the approximate location of the Broadway Bridge	File 4919; Shts 20-25 of 28; 12-19 May 2020	400-350	1.03	15	3.0	10.8	12.4	2.2
<b>Reach D (18 Foot Project):</b> From the approximate location of the Broadway Bridge to a point approximately 1,250 feet landward of the start of this reach	File 4919; Sht 25 of 28; 12-19 May 2020	350	0.21	18	13.2	15.0	14.6	8.7
<b>Reach D (15 Foot Project):</b> From approximately 1,250 feet landward of the Broadway Bridge to the approximate location of the Henry Hudson Bridge	File 4919; Shts 25-27 of 28; 12-19 May 2020	350-400	0.54	15	6.8	11.9	15.0	1.9
<b>Reach E:</b> From the approximate location of the Henry Hudson Bridge to the junction of the Harlem River with the Hudson River, approximately 800 feet landward of the beginning of this reach	File 4919; Shts 27-28 of 28; 12-19 May 2020	400	0.10	15	14.4	15.9	17.0	14.1

**REMARKS:**

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

**HARLEM RIVER:**

- **Reach A:** Shoaling exists intermittently throughout this reach. Sporadic shoaling exists throughout all four quarters of this reach. The controlling depth of -1.3 feet exists in the Right Outside Quarter approximately 85 feet seaward from the Robert F. Kennedy Bridge.
- **Reach B:** Edge shoaling exists intermittently throughout this reach. Sporadic shoaling exists throughout all four quarters of this reach. The controlling depth of -2.1 feet exists in the Right Outside Quarter approximately 715 feet seaward from the Alexander Hamilton Bridge.
- **Reach C:** Edge shoaling exists intermittently throughout this reach. Sporadic shoaling exists throughout all four quarters of this reach. The controlling depth of -2.2 feet exists in the Right Outside Quarter approximately 2,490 feet seaward from the end of this reach.

- **Reach D (18 Foot Project):** Edge shoaling exists intermittently throughout this reach. Sporadic shoaling exists throughout all four quarters of this reach. The controlling depth of -8/7 feet exists in the Right Outside Quarter approximately the end of this reach.
- **Reach D (15 Foot Project):** Edge shoaling exists intermittently throughout this reach. Sporadic shoaling exists throughout all four quarters of this reach. The controlling depth of -1.9 feet exists in the Right Outside Quarter approximately 95 feet landward from the beginning of this reach.
- **Reach E:** Shoaling exists in the Left Outside Quarter and Right Outside Quarter at the beginning of this reach. The controlling depth of -14.1 feet exists in the Right Outside Quarter approximately 110 feet landward from the beginning of this reach.