

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

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**DATE: 19 February 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:**

New York Harbor, NY - Red Hook Flats Anchorage

**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)	
<b>Reach A:</b> From a point approximately 2,015 feet seaward of GREEN #3 W/LIGHT & GONG EBB, to the approximate location of RED #28 W/LIGHT & BELL EBB.	File No. 5019/D; Pg 3 of 3; 7 Jan 2021 – 19 Jan 2021	0 - 3,060	0.39	45	44.3	45.1	44.8	43.7
<b>Reach B:</b> From the approximate location of RED #28 W/LIGHT & BELL EBB, to a point approximately 400 feet landward of RED #30 W/LIGHT & BELL EBB.	File No. 5019/D; Pgs 2 & 3 of 3; 7 Jan 2021 – 19 Jan 2021	3,060 - 4,620	0.51	40	43.0	39.7	38.5	39.2
<b>Reach C:</b> From a point approximately 400 feet landward of RED #30 W/LIGHT & BELL EBB, to the approximate location of RED #32 LIGHTED w/BELL EBB.	File No. 5019/D; Pgs 1 & 2 of 3; 7 Jan 2021 – 19 Jan 2021	4,620 – 3,310	1.51	35	41.2	36.5	33.9	24.7

**REMARKS:**

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

**RED HOOK FLATS ANCHORAGE:**

- **Reach A:** Scattered shoaling exists in the Left Outside, Right Inside, and Right Outside Quarters of this reach. The controlling depth of -43.7 feet mean lower low water (MLLW) exists in the Right Outside Quarter near the channel's toe at the approximate location of GREEN #3 W/LIGHT & GONG EBB.
- **Reach B:** Scattered shoaling exists in the Left Inside, Right Inside, and Right Outside Quarters of this reach. The controlling depth of -38.5 feet MLLW exists at the end of the reach in the Right Inside Quarter.
- **Reach C:** Shoaling exists in the Right Inside and Right Outside Quarters of this reach. The controlling depth of -24.7 feet MLLW exists in the Right Outside Quarter, approximately 520 feet southeast of YELLOW "C" W/LIGHT EBB.