

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

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DATE: 17 March 2023

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)	
Reach A: From a point approximately 1,700 feet seaward of RED #26 W/LIGHT & BELL FLOOD, to the approximate location of RED #28 W/LIGHT & BELL FLOOD.	File No. 5254/N1; Pg 2-3 of 6; 29 December 2022, 10, 11, 17, 18, 19, 24, 29 January 2023	0 - 3,060	0.39	45	44.3	45.3	44.5	43.9
Reach B: From the approximate location of RED #28 W/LIGHT & BELL FLOOD, to the approximate location of GREEN #5 W/LIGHT & BELL	File No. 5254/N1; Pg 3-4 of 6; 29 December 2022, 10, 11, 17, 18, 19, 24, 29 January 2023	3,060 - 4,620	0.51	40	43.2	39.6	37.9	39.1
Reach C: From the approximate location of GREEN #5 W/LIGHT & BELL, to approximately 1,750 feet landward of RED #32 W/ LIGHT EBB.	File No. 5254/N1; Pg 3-6 of 6; 29 December 2022, 10, 11, 17, 18, 19, 24, 29 January 2023	4,620 – 3,310	1.51	35	41.4	36.5	33.6	24.9

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:** Shoaling exists along the toe of the Right Outside Quarter, and at the end of this reach in the Right Inside and Right Outside Quarters. The controlling depth of -43.9 feet MLLW exists in the Right Outside Quarter in the northeast corner of this reach.
- **Reach B:** Shoaling exists at the end of this reach in the Left Inside, Right Inside, and Right Outside Quarters of this reach. The controlling depth of -37.9 feet MLLW exists in the Right Inside Quarter in the approximate vicinity of GREEN #5 W/ LIGHT & BELL EBB.
- **Reach C:** Shoaling exists in the Right Outside Quarter and into the Right Inside Quarter of this reach. The controlling depth of -24.9 feet MLLW exists in the Right Outside Quarter, approximately 575 feet southeast of YELLOW "C" W/LIGHT EBB.