

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

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DATE: 30 April 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:

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 2,060 feet seaward of GREEN W/LIGHT #3 EBB, to the approximate location of RED #28 W/LIGHT & BELL FLOOD.	File No. 4907/N1/N2; Pg 3 of 3; 21-23, 27-30 Jan 2020	0 - 3,060	0.39	45	44.5	45.3	44.8	44.0
Reach B: From the approximate location of RED #28 W/LIGHT & BELL FLOOD, to a point approximately 355 feet landward of RED #30 W/LIGHT & BELL EBB and connecting to the opposite limit of the channel at the approximate location of GREEN #5 W/LIGHT & BELL EBB.	File No. 4907/N1/N2; Pgs 2 & 3 of 3; 21-23, 27-30 Jan 2020	3,060 - 4,620	0.51	40	43.3	39.7	38.6	39.0
Reach C: From a point approximately 355 feet landward of RED #30 W/LIGHT & BELL EBB, to the approximate location of RED #32 W/LIGHT EBB and a point approximately 2,480 feet landward of YELLOW A BUOY EBB on the opposite side of the channel.	File No. 4907/N1/N2; Pgs 1 & 2 of 3; 21-23, 27-30 Jan 2020	4,620 - 3,310	1.51	35	41.2	36.3	33.7	24.5

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 -44.0 feet mean lower low water (MLLW) exists in the Right Outside Quarter near the authorized limit of the anchorage in the vicinity of GREEN #3 W/LIGHT & BELL EBB.
- **Reach B:** Scattered shoaling exists in the Left Inside, Right Inside, and Right Outside Quarters of this reach. The controlling depth of -38.6 feet MLLW exists at the end of the reach in the Right Inside Quarter, towards the middle of the quarter's width.
- **Reach C:** Shoaling exists in the Right Inside and Right Outside Quarters of this reach. The controlling depth of -24.5 feet MLLW exists in the Right Outside Quarter, approximately 585 feet east of YELLOW CAN "C" W/LIGHT EBB.