

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

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DATE: 23 February 2022

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 1,695 feet seaward of RED #26 W/LIGHT & BELL FLOOD, to the approximate location of RED #28 W/LIGHT & BELL FLOOD. | File No. 5128/D; Pg 3 of 3; 28, 29 Dec 2021; 03 – 04, 10 – 13, 18 – 20 Jan 2022 | 0 - 3,060 | 0.39 | 45 | 44.7 | 45.3 | 44.7 | 43.9 |
| Reach B: From the approximate location of RED #28 W/LIGHT & BELL FLOOD, to a point approximately 465 feet landward of RED #30 W/LIGHT & BELL EBB. | File No. 5128/D; Pg 2 & 3 of 3; 28, 29 Dec 2021; 03 – 04, 10 – 13, 18 – 20 Jan 2022 | 3,060 - 4,620 | 0.51 | 40 | 43.4 | 39.9 | 38.7 | 39.2 |
| Reach C: From a point approximately 465 feet landward of RED #30 W/LIGHT & BELL EBB, to approximately 2,240 feet landward of RED #32 LIGHTED w/BELL EBB. | File No. 5128/D; Pg 1 & 2 of 3; 28, 29 Dec 2021; 03 – 04, 10 – 13, 18 – 20 Jan 2022 | 4,620 – 3,310 | 1.51 | 35 | 41.4 | 36.6 | 33.5 | 25.0 |

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 at two locations: at approximately 225 feet seaward of GREEN #3 W/LIGHT & GONG FLOOD and at the approximate location of the same.
- **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 -38.7 feet MLLW exists in the Right Inside Quarter at two locations: at approximately 960 feet and 1,050 feet seaward of YELLOW "C" W/LIGHT EBB.
- **Reach C:** Shoaling exists in the Right Inside Quarter and into the Right Outside Quarter of this reach. The controlling depth of -25.0 feet MLLW exists in the Right Outside Quarter, approximately 710 feet southeast of YELLOW "C" W/LIGHT EBB.