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

PAGE 1 OF 1 PAGE

DATE: 18 January 2024

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 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT				MID-CHANNEL		
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)	LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER
Reach A: From a point approximately 1,620 feet seaward of RED #26 W/LIGHT & BELL EBB, to the approximate location of RED #28 W/LIGHT & BELL FLOOD.	File No. 5388/D/N3 Pg 2 & 3 of 6 19 & 20 December 2023	0 - 3,060	0.39	45	44.7	(feet) 45.2	(feet) 45.1	(feet) 43.8
Reach B: From the approximate location of RED #28 W/LIGHT & BELL FLOOD, to the 330 feet landward of RED #30 W/LIGHT & BELL FLOOD	File No. 5388/D/N3 Pg 3 – 5 of 6 19 & 20 December 2023	3,060 - 4,620	0.51	40	42.9	39.1	38.7	39.0
Reach C: From 330 feet landward of RED #30 W/LIGHT & BELL FLOOD, to a location approximately 2,450 feet landward of YELLOW "A"/LIGHT EBB.	File No. 5388/D/N3 Pg 4 - 6 of 6 19 & 20 December 2023	4,620 – 3,310	1.51	35	41.6	36.6	33.1	33.3

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. The controlling depth of -43.8 feet MLLW exists in the Right Outside Quarter approximately 2,420 feet landward of RED #26 W/LIGHT & BELL EBB.
- 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 in the approximately 1,520
 seaward of RED #30 W/LIGHT & BELL FLOOD.
- Reach C: Shoaling exists in the Right Outside Quarter and into the Right Inside Quarter of this reach. The controlling depth of -33.1 feet MLLW exists near the center of the Right Inside Quarter, adjacent to YELLOW "C" W/LIGHT EBB.