

**REPORT OF CHANNEL CONDITIONS
400 FEET WIDE OR GREATER**

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, Red Hook Flats Anchorage

**MINIMUM DEPTHS IN
CHANNEL ENTERING FROM SEAWARD**

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)				
Reach A: From approximately 2,050 feet seaward of GREEN LIGHT w/GONG #3 to approximately 100 feet seaward of RED LIGHT w/BELL #28.	Map 111 Pg 3 of 3; 4, 8-10, 12, 15-16 June 2015	0 - 3,020	0.8	45	44.6	44.7	44.7	44.2
Reach B: From approximately 100 feet seaward of RED LIGHT w/BELL #28 to approximately 290 feet landward of RED LIGHT w/BELL #30 and connecting to the opposite limit of the channel approximately 1,550 feet seaward of YELLOW BUOY W/ LGT "C" EBB.	Map 111 Pgs 2 & 3 of 3; 4, 8-10, 12, 15-16 June 2015	3,020 - 4,490	0.4 - 0.7	40	43.4	39.6	39.5	39.5
Reach C: From approximately 290 feet seaward of RED LIGHT #30 to approximately 30 feet landward of RED LIGHT w/BELL #32 and approximately 2,800 feet landward of the same buoy on the opposite side of the channel.	Map 111 Pgs 1 & 2 of 3; 4, 8-10, 12, 15-16 June 2015	4,490 - 3,310	1.5	35	26.4	33.8	36.0	40.5

REMARKS:

- All channel depths are relative to Mean Lower Low Water (MLLW).
- The channel reach lengths are in nautical miles.

RED HOOK FLATS ANCHORAGE:

- **Reach A:** Shoaling exists along the channel's toe in the Right Outside Quarter beginning approximately 570 feet seaward of GREEN LIGHT w/GONG #3 and extends approximately 530 feet landward of GREEN LIGHT w/GONG #3. Maximum width within these parameters is approximately 70 feet. Shoaling exists along the reach limit between Reach A and Reach B in the Right Outside Quarter, Right Inside Quarter and Left Outside Quarter beginning approximately 120 feet seaward of RED LIGHT w/BELL #28 and continues approximately 120 feet landward to the end of the Reach. The maximum width within these parameters is approximately 450 feet. Shoaling exists in the Left Inside Quarter beginning approximately 145 feet seaward of RED LIGHT w/BELL #28 and continues to approximately 50 feet landward having a maximum width of approximately 20 feet.
- **Reach B:** Spot shoaling exists in the Right Outside Quarter, Right Inside Quarter and Left Inside Quarter beginning approximately 2,180 feet seaward of RED LIGHT w/BELL #30 and extends approximately 550 feet landward of RED LIGHT w/BELL #30. Minor shoaling also exists along the reach limit between Reach B and Reach C in the Right Outside Quarter and the Right Inside Quarter, with a maximum width of approximately 60 feet.
- **Reach C:** Partial Survey Coverage shows shoaling exists along the majority of the channel's toe in the Right Outside Quarter beginning approximately 4,230 feet seaward of RED LIGHT w/BELL #32 and extends approximately 1,290 feet landward of RED LIGHT w/BELL #32. Maximum width within these parameters is approximately 260 feet. Spot shoaling also exists sporadically in the Right Outside Quarter and the Right Inside Quarter throughout the reach.