

**REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE**

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DATE 22 June 2021

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:

East Rockaway Inlet, New York

**MINIMUM DEPTHS IN
CHANNEL ENTERING FROM
SEAWARD**

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)			
East Rockaway Inlet (outside): Begins approximately 1,015 feet seaward of RED NUN #6 W/LIGHT EBB and ends at the approximate location of RED NUN #10 FLOOD.	File 5048/N1 Pg. 1-2 of 3; 24 March to 1 June 2021	250	0.69	12	3.2	3.4	2.7
East Rockaway Inlet (inside): Begins at the approximate location of RED NUN #10 FLOOD and ends approximately 720 feet landward of RED NUN #12 FLOOD.	File 5048/N1 Pg. 3 of 3; 24 March to 1 June 2021	250	0.38	12	10.5	9.3	8.4

REMARKS:

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

EAST ROCKAWAY INLET

- **Outside:** A shoal exists in the Right Outside Quarter extending across the entire width of the channel, commencing at the approximate location of RED NUN #6 W/LIGHT and continues to approximately 430 feet seaward of RED NUN #8 FLOOD. The controlling depth of -2.7 feet MLLW exists in the Right Outside Quarter at approximately 1,000 feet landward of RED NUN #8 FLOOD.
- **Inside:** Spot shoaling exists along the channel's toe in the Right Outside Quarter approximately 235 feet landward of RED NUN # 12 W/LIGHT. A shoal exists across the entire width of the channel beginning approximately 130 feet landward of RED NUN #12 FLOOD and continuing for approximately 625 feet landward. The controlling depth of -8.4 feet MLLW exists in the Right Outside Quarter at approximately 480 feet landward of RED NUN #12 FLOOD.