

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

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**DATE** 02 January 2018

**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, Gravesend Bay Anchorage, NY

**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)	
<b>Reach A (Sole Reach):</b> Gravesend Bay Anchorage begins at the approximate location of YELLOW CAN C ANCHORAGE FLOOD, and ends at a point located approximately 490 feet landward (north) of YELLOW CAN A ANCHORAGE EBB.	Map 61, Pg 1 of 1; 16, 25 - 26 OCT 2017	2,270	1.08	47	50.9	48.9	45.0	44.5

**REMARKS:**

- All reported depths are relative to the Mean Lower Low Water (MLLW) datum.
- Channel reach length is in nautical miles.

**GRAVESEND BAY ANCHORAGE**

- Shoaling exists throughout much of the Right Outside and Right Inside Quarters of the anchorage for approximately the first 460 feet of this sole reach.
- Shoaling exists along the anchorage's toe in the Right Outside Quarter beginning at a point approximately 1,220 feet landward of YELLOW CAN C ANCHORAGE, and continues landward to a point approximately 140 feet seaward of YELLOW CAN B ANCHORAGE. The maximum width of the shoal is approximately 45 feet.
- Shoaling also exists throughout much of the Right Outside Quarter beginning at a point approximately 675 feet seaward of YELLOW CAN A ANCHORAGE, and continues landward to the end of the anchorage. The maximum width of this shoal is approximately 225 feet.