

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

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DATE 20 July 2017

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 and New Jersey Channels,
Arthur Kill Gulfport Reach, NY & NJ

**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 (n miles)	DEPTH (feet)		LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	
Reach G - Gulfport Reach: From a point approximately 190 feet seaward of the Staten Island R.R./Conrail Bridge to a point approximately 3,560 feet landward of the Goethals Bridge.	Map 1395, Pg 1-2 of 2; 31 May 2017, 1, 6-9 June 2017	500 - 600	0.74	40	5.8	41.7	42.6	42.9

REMARKS:

- All reported depths are relative to the Mean Lower Low Water (MLLW) datum.
- Channel reach lengths are in nautical miles.
- For the purposes of this report, seaward is oriented towards Newark Bay and landward is towards the Outerbridge Crossing.

ARTHUR KILL

Reach G - Gulfport Reach:

- Shoaling exists along the channel's toe in the Left Outside Quarter adjacent to the abutment of the Goethals Bridge beginning approximately 130 feet seaward of the bridge and continues approximately 340 feet landward with a maximum width of approximately 45 feet. Shoaling also exists in the Left Outside Quarter along the channel's toe beginning at the approximate location of the Staten Island R.R./Conrail Bridge and continues approximately 110 feet seaward with a maximum width of approximately 5 feet.
- The controlling depth of 5.8 feet below MLLW exists in the Left Outside Quarter approximately 80 feet seaward of the Goethals Bridge, and is located immediately adjacent to the northern tank structure next to the Goethals Bridge abutment.