

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

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DATE: 20 March 2025

TO: The Record

FROM: U.S. Army Corps of Engineers
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New York, NY 10278-0090

RIVER/HARBOR NAME AND STATE:
Raritan River to Arthur Kill Cut-Off Channel, 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 (nmiles)	DEPTH (feet)		LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	
Reach A (Sole Reach): From junction with the Raritan River Channel approximately 640 feet seaward of RED DAYBEACON #8; to the junction with the New York & New Jersey Channel approximately 1,580 feet landward of GREEN DAYBEACON #1.	File # 5489/D Pgs.1 - 4 of 4 7, 8 October 2024	600 – 1,740	1.0	20	18.8	19.4	18.9	17.0

REMARKS:

- All depths are in Mean Lower Low Water (MLLW) datum.
- Channel reach length is in nautical miles.
- For the purposes of this report, seaward is oriented toward the Raritan River and landward is toward the Arthur Kill.

CUT-OFF CHANNEL:

Reach A: There is minimal amount of shoaling in the beginning half of this reach until the approximate location of GREEN DAYBEACON #1. They exist mostly in the Left Outside Quarter and the Right Outside Quarter. The controlling depth of -17 feet MLLW exists in the Right Outside Quarter approximately 3,605 feet landward of GREEN DAYBEACON #1.