

**REPORT OF CHANNEL CONDITIONS  
400 FEET WIDE OR GREATER  
(ER 1130-2-306)**

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DATE August 11, 2008

**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:**  
Raritan River to Arthur Kill Cut-Off Channel, NJ

**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 (n. miles)	DEPTH (feet)				
<b>Reach A (Sole Reach):</b> From junction with the Raritan River to junction with the Arthur Kill Channel	Map 53, Pages 1 and 2; 16 July 2008	600	0.97	20	12.3	17.9	19.9	17.8

**REMARKS:**

- All depths in MLW
- Channel length in nautical miles.

**Reach A (Sole Reach):**

- A 3,300 feet shoal exists along the left channel line with maximum width of 220 feet, commencing 300 feet from the junction with Raritan River and continuing to a point approximately 650 feet south of RED NUN #2, with minimum depth of 12.3 feet along the left channel toe line.
- A 1,650 feet shoal exists across the entire width of the Right Outside Quarter, commencing approximately 70 feet from the Raritan River junction to a point approximately 200 feet north of GREEN CAN #5, with minimum depth of 17.8 feet along the right channel toe line.