

**REPORT OF CHANNEL CONDITIONS  
400 FEET WIDE OR GREATER**

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**DATE:** 23 January 2015

**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 (nmiles)	DEPTH (feet)				
<b>Reach A (Sole Reach):</b> From junction with the Raritan River Channel approximately 65 feet seaward (southwest) of the RED & GREEN "R" BUOY W/ LIGHT; to the junction with the New York & New Jersey Channels approximately 2,240 feet landward (northeast) of RED NUN 2 and approximately 1,570 feet landward (northeast) of GREEN BEACON #1.	Map 59 Pgs. 1 & 2 of 2; 26 & 27 August 2014	600 – 1,740	1.0	20	19.4	20.2	19.9	20.0

**REMARKS:**

- All depths are in Mean Lower Low Water (MLLW).
- Channel Length is in nautical miles.

**CUT-OFF CHANNEL:**

- **Left Outside Quarter:** Sporadic edge shoaling exists in this quarter beginning approximately 115 feet seaward (southwest) of RED NUN 6 and extends approximately 2,275 feet landward (northeast) with a maximum width of approximately 8 feet.
- **Left Inside Quarter:** No shoaling is present in this quarter.
- **Right Inside Quarter:** A small spot shoal exists approximately 20 feet from the start of the reach and extends landward (northeast) approximately 4 feet with a maximum width of 4 feet.
- **Right Outside Quarter:** No shoaling is present in this quarter.