

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

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**DATE: 1 June 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 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> From junction with the Raritan River Channel approximately 80 feet south of RED & GREEN "R" BUOY W/ LIGHT; to the junction with the New York & New Jersey Channel approximately 2,360 feet north of RED NUN #2 and approximately 2,230 feet north of GREEN CAN #3.	Map 60 Pgs.1 & 2 of 2; 6, 19, 23, 24 March & 3 April 2015	600 – 1,740	1.0	20	19.3	20.4	20.1	19.8

**REMARKS:**

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

**CUT-OFF CHANNEL:**

- **Left Outside Quarter:** Slight edge shoaling exists in this quarter beginning approximately 140 feet North of GREEN CAN #5 and extends North approximately 1,430 feet with a maximum width of 15 feet.
- **Left Inside Quarter:** There is no shoaling in this reach.
- **Right Inside Quarter:** There is no shoaling in this reach.
- **Right Outside Quarter:** A spot shoal exists in this quarter beginning approximately 5 feet South of RED & GREEN "R" BUOY W/ LIGHT and extends North 30 feet with a maximum width of approximately 20 feet.