

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

PAGE 1 OF 1
DATE: 8 April 2014

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 (niles)	DEPTH (feet)				
Reach A (Sole Reach): From junction with the Raritan River Channel at the approximate location of the RED & GREEN "R" BUOY; to the junction with the New York & New Jersey Channels approximately 1,250 feet landward (northeast) of MOORING BALLS and approximately 1,570 feet landward (northeast) of GREEN BEACON #1.	Map 57 Pgs. 1 & 2 of 2; 9, 10, 30 October 2013	600 – 1,740	1.0	20	8.3	15.0	17.5	15.8

REMARKS:

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

CUT-OFF CHANNEL:

- **Left Outside Quarter:** Shoaling exists in this quarter beginning approximately 230 feet landward (northeast) of the start of the channel and extends approximately 3,510 feet landward (northeast). Shoaling extends across the majority of the width of this quarter.
- **Left Inside Quarter:** Shoaling exists in this quarter beginning approximately 260 feet landward (northeast) of the start of the channel and extends landward (northeast) approximately 3,200 feet. Shoaling extends across the majority of the width of this quarter.
- **Right Inside Quarter:** Shoaling exists in this quarter beginning approximately 65 feet landward (northeast) of the start of the channel and extends landward (northeast) approximately 1,910 feet. Shoaling extends across the majority of the width of this quarter.
- **Right Outside Quarter** Shoaling exists in this quarter beginning approximately 30 feet landward (northeast) of the start of the channel and extends landward (northeast) approximately 2,260 feet. Shoaling extends across the entire width of this quarter. There is a spot shoal in this quarter beginning approximately 470 feet seaward (southwest) of GREEN CAN #3 and extends landward (northeast) approximately 300 feet, with a maximum width of approximately 50 feet.