REPORT OF CHANNEL CONDITIONS 400 FEET WIDE OR GREATER *(ER 1130-2-306)*	PAGE 1 OF 1 DATE: 16 January 2013
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

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD			
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)	LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (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 2,390 feet landward (northeast) of RED NUN #2 and approximately 1,520 feet landward (northeast) of GREEN BEACON #1.	Map 56 Pgs. 1 & 2 of 2; 7 January 2013	600 – 1,740	1.0	20	7.5	14.7	17.0	16.6

REMARKS:

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

CUT-OFF CHANNEL:

- **Left Outside Quarter:** Shoaling exists in this quarter from approximately 140 feet landward (northeast) of the start of the channel, to approximately 520 feet seaward (southeast) of RED NUN #2. Within these parameters, this shoal extends across the entire width of this quarter.

- **Left Inside Quarter:** Shoaling exists in this quarter from approximately 90 feet landward (northeast) of the start of the channel, to approximately 620 feet seaward (southeast) of RED NUN #2. Within these parameters, the majority of this shoal extends across the entire width of this quarter.

- **Right Inside Quarter:** Shoaling exists in this quarter from approximately 40 feet landward (northeast) of the start of the channel, to approximately 500 feet landward (northeast) of GREEN CAN #5. Within these parameters, this shoal extends across the entire width of this quarter.

- **Right Outside Quarter:** Shoaling exists in this quarter from approximately 30 feet landward (northeast) of the start of the channel, to approximately 150 feet seaward (southeast) of GREEN CAN #3. Within these parameters, the majority of this shoal extends across the entire width of this quarter. A spot shoal, having the approximate dimensions of 60 feet by 90 feet, also exists in the approximate center of this quarter's width, and is located approximately 250 feet seaward (southeast) of GREEN BEACON #1.