

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

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DATE 27 February 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:

New York and New Jersey Channels, Arthur Kill, Outerbridge to Seguine Point, Wards Point Reaches

**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)				
Wards Point Bend East Reach (Reach O): Begins at the approximate location of GREEN BUOY W/ LIGHT #47 and RED BELL W/ LIGHT #46 and extends to the approximate location of RED BELL W/ LIGHT #56	Map 1359B pgs 2 and 3 of 3; 6, 12, 19, 20 February 2014	600-800	0.72	35	30.5	39.6	35.7	29.9
Wards Point Bend West Reach (Reach N): Begins at the approximate location of RED BUOY W/ LIGHT #56 and extends to approximately 3675 feet landward of RED NUN #60.	Map 1359B, pgs 1 and 2 of 3. 6, 12, 19, 20 February 2014	600-800	1.26	35	33.4	35.4	34.3	33.6

REMARKS:

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

NEW YORK AND NEW JERSEY CHANNELS:

• **Wards Point Bend East Reach (Reach O):**

- In the left edge of the LOQ, there are shoals up to 55 feet wide from the approximate location of GREEN BUOY W/ LIGHT #47 to approximately 1100 feet landward of same and shoals up to 70 feet wide from approximately 100 feet landward of GREEN/RED BUOY #E to approximately 60 feet landward of GREEN BUOY W/ LIGHT #49.
- In the right edge of the ROQ, there are shoals up to 60 feet wide from approximately 1200 feet landward of RED BELL W/ LIGHT #46 to approximately 135 feet seaward of RED BUOY W/ LIGHT #50; shoals up to 30 feet wide from approximately 620 feet landward of same to the approximate location of RED NUN #54; shoals up to 120 feet wide from same to approximately 1200 feet landward of same; and shoals up to 60 feet wide from approximately 580 feet seaward of RED BUOY W/ LIGHT #56 to the approximate location of the same.

• **Wards Point Bend West Reach (Reach N):**

- A shoal up to 90 feet wide exists in the left edge of the LOQ from approximately 2770 feet landward of RED BUOY W/ LIGHT #56 to approximately 600 feet seaward of RED NUN #60.