

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

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DATE 3 March 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 Harbor, Ambrose Channel, New York

**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)				
REACH A: From the channel entrance in the Atlantic Ocean to approximately 6,170 feet landward of GREEN 3 W/LT.	Map 139 Pg 1-7 of 17; 16,18,21-23,25-29 March 2013 and 1-5,24,26-27 April 2013	2000	5.1	53	53.4	54.4	54.4	52.0
REACH B: From approximately 6,170 feet landward of GREEN 3 W/LT to approximately 90 feet landward of RED 14 W/LT at channel's first bend.	Map 139 Pg 7-11 of 17; 16,18,21-23,25-29 March 2013 and 1-5,24,26-27 April 2013	2000	4.2	53	55.3	53.9	53.5	52.5
REACH C: From channel's first bend approximately 90 feet landward of RED 14 W/LT to approximately 315 feet seaward of RED 22 W/LT.	Map 139 Pg 11-14 of 17; 16,18,21-23,25-29 March 2013 and 1-5,24,26-27 April 2013	2000	2.6	53	52.8	54.0	54.1	52.7
REACH D: From approximately 315 feet seaward of RED 22 W/LT to approximately 2,050 feet landward of the Verrazano Narrows Bridge.	Map 139 Pg 14-17 of 17; 16,18,21-23,25-29 March 2013 and 1-5,24,26-27 April 2013	2000	2.9	53	51.7	54.5	54.6	54.5

REMARKS:

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

AMBROSE CHANNEL:

- **REACH A:** Sporadic edge shoaling exists in the Right Outside Quarter beginning approximately 6,320 feet seaward of GREEN 3 W/LT, and extends landward approximately 6,220 feet. The maximum shoal width within these parameters is approximately 20 feet.
- **REACH B:** Sporadic edge shoaling exists in the Right Outside Quarter beginning approximately 6,000 feet seaward of RED 8 W/LT, and extends landward to a point approximately 820 feet seaward of RED 10 W/LT. The maximum shoal width within these parameters is approximately 15 feet.
- **REACH C:** Sporadic edge shoaling exists in the Left Outside Quarter along the entire length of this reach. The maximum shoal width within these parameters is approximately 31 feet. Sporadic edge shoaling also exists in the Right Outside Quarter beginning approximately 580 feet landward of the start of this reach and extends to a point approximately 1,090 feet seaward of the end of this reach. The maximum shoal width within these parameters is approximately 22 feet.
- **REACH D:** Sporadic edge shoaling exists in the Left Outside Quarter beginning approximately 480 feet seaward of GREEN 21 W/LT AND GONG and extends landward to a point approximately 4,600 feet seaward of the Verrazano Narrows Bridge. The maximum shoal width within these parameters is approximately 39 feet.