

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

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DATE March 20, 2007

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:
East River, South Brother Island 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 M: From approximately 440 feet (ft) seaward of Green Light #1 to Green Gas #7	File 172, Sheets 1-2 of 2; 1-3 February 2007	400-1,595	0.81	35	31.5	31.9	31.9	29.9
Reach N: From Green Gas #7 to Green Gas #9	File 172, Sheet 2 of 2; 1-3 February 2007	1,000	0.26	35	35.1	33.9	33.6	33.4

REMARKS:

- All depths are in Mean Low Water.
- The channel length is in nautical miles.

EAST RIVER, SOUTH BROTHER ISLAND CHANNEL

- **Reach M:** Shoaling is present across the entire channel width beginning approximately 210 ft landward of Green Light #1 buoy to approximately 210 ft seaward of Green Gas #7 buoy.
- **Reach N:** Minor shoaling approximately 20 ft in length is present in the Left and Right Inside Quarters of this reach beginning approximately 1,575 ft landward from Red Nun #4 buoy. In addition, a shoal approximately 550 ft in length and occupying approximately half the width of the Right Outside Quarter of this reach is present beginning approximately 2,400 ft landward of Red Nun #4 buoy.