

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

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| PAGE | 1 | OF | 1 |
| DATE | 14 November 2011 | | |

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| TO: The Record | FROM: U.S. Army Corps of Engineers 26 Federal Plaza, ATTN: CENAN-OP-ST New York, NY 10278-0090 |
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| RIVER/HARBOR NAME AND STATE: East River, South Brother Island Channel, New York | MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD |
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| 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 M: From GREEN CAN #7 to GREEN LIGHT #7 | File 179, Sheets 1-2 of 2; 14-16 June 2011 | 400-1,600 | 0.78 | 35 | 31.9 | 33.9 | 34.1 | 32.8 |
| Reach N: From GREEN LIGHT #7 to GREEN LIGHT #9 | File 179, Sheet 2 of 2; 14-16 June 2011 | 1,000 | 0.26 | 35 | 35.3 | 33.1 | 34.3 | 33.6 |

REMARKS:

- All depths are in Mean Lower Low Water.

EAST RIVER, SOUTH BROTHER ISLAND CHANNEL

- Reach M:** Shoaling is present across the entire channel width beginning approximately 210 feet landward of GREEN LIGHT #1 to approximately 200 feet seaward of GREEN LIGHT #7. The controlling depth of 31.9 feet is located in the Left Outside Quarter approximately 150 feet landward of GREEN LIGHT #3.
- Reach N:** A shoal exists in the Right Outside Quarter of this reach. It is 650 feet long by 100 feet wide and spans the majority of the mouth of the inlet to Steinway Creek at the southern, landward end of the quarter.