

**REPORT OF CHANNEL CONDITIONS  
400 FEET WIDE OR GREATER**

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<b>DATE</b>	17 January 2024		

**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)				
<b>Reach M (South Brother Channel):</b> Beginning approximately 15 feet seaward of GREEN #7 EBB and at the approximate location of GREEN CAN #1 w/LIGHT EBB, continuing landward to the start of the turning basin at 155 feet seaward of GREEN #7 CAN W/ LIGHT.	File 5389/D/N1, Sheets 2, 3 & 4 of 5. 8 & 9 January 2024	400-1600	0.8	35	34.7	35.2	35.2	34.4
<b>Reach N (Turning Basin at Astoria Waterfront):</b> A turning basin 1000 feet wide beginning at at 155 feet seaward of GREEN #7 CAN W/ LIGHT and continuing 1,400 feet landward to the end of the channel, 65 feet landward of GREEN CAN #9 EBB.	File 5389/D/N1, Sheets 4 & 5 of 5. 8 & 9 January 2024	675 - 1000	0.3	35	34.4	34.3	35.1	34.0

**REMARKS:**

- All depths are relative to Mean Lower Low Water (MLLW).
- Channel reach lengths are in nautical miles.
- All distances and dimensions are approximate.

**EAST RIVER, SOUTH BROTHER ISLAND CHANNEL**

**Reach M:**

- Minor toe shoaling exists along this reach.
- The controlling depth of -34.4 feet MLLW exists in the Right Outside Quarter approximately 890 feet landward from RED #2 W/ LIGHT EBB.

**Reach N:**

- Minor toe shoaling exists along this reach. Spot shoals exists in the Right Outside Quarter of this reach near the end of the turning basin.
- The controlling depth of -34.0 feet MLLW exists in the Right Outside Quarter along the landward back edge of the reach.