

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

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DATE

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 (South Brother Channel): Beginning approximately at Can #7 EBB and approximately 310 feet seaward of GREEN CAN #1 W/LIGHT EBB, continuing landward to the start of the turning basin approximately 55 feet seaward of GREEN #7 W/ LIGHT FLOOD.	File 5671/D, Sheets 2 - 4 of 5. 02 March 2026	400-1600	0.8	35	32.4	31.9	31.4	31.2
Reach N (Turning Basin at Astoria Waterfront): A turning basin 1,000 feet wide beginning approximately 55 feet seaward of GREEN #7 W/ LIGHT FLOOD and continuing 1,400 feet landward to the end of the channel, approximately 50 feet landward of CAN #9 FLOOD and adjacent to the mooring dolphin pier.	File 5671/D, Sheets 4 & 5 of 5. 02 March 2026	675 - 1000	0.3	35	34.6	34.3	34.9	34.3

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:

- Shoaling exists interminently halfway throughout this reach. There is intermitten spot shoaling throughout the end of this reach as it encroaches Reach N.
- The controlling depth of -31.2 feet MLLW exists in the Right Outside Quarter approximately 1,788 feet seaward from RED/GREEN "RI" W/LIGHT FLOOD.

Reach N:

- Shoaling exists along the channel toe line adjacent to the Right Outside Quarter.
- The controlling depth of -34.3 feet MLLW exists both in the Left Inside Quarter approximately 192 feet landward from GREEN #7 W/LIGHT FLOOD and in the Right Outside Quarter approximately 635 seaward feet from the end of the channel in Reach N in the vicinity of presence of mooring dolphin pier.