

REPORT OF CHANNEL CONDITIONS 400 FEET WIDE OR GREATER						PAGE	1 OF 1	
						DATE	21 March 2023	
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 35 feet landward of GREEN #7 FLOOD and 330 feet seaward of GREEN CAN #1 w/LIGHT FLOOD, continuing landward to the start of the turning basin at approximately 25 feet landward of GREEN CAN #7 W/ LIGHT.	File 5262/N1, Sheets 2-4 of 5; 12 January 2023	400-1600	0.8	35	24.8	24.0	24.8	25.3
Reach N (Turning Basin at Astoria Waterfront): A turning basin 1,000 feet wide beginning at approximately 25 feet landward of GREEN CAN #7 W/ LIGHT and continuing 1,400 feet landward to the end of the project, approximately 50 feet landward of GREEN CAN #9 EBB.	File 5262/N1, Sheets 3 & 4 of 4. 12 January 2023	675 - 1000	0.3	35	34.2	31.8	35.3	33.9
REMARKS: <ul style="list-style-type: none"> All depths are relative to the Mean Lower Low Water (MLLW) datum. Channel reach lengths are in nautical miles. 								
EAST RIVER, SOUTH BROTHER ISLAND CHANNEL								
Reach M: <ul style="list-style-type: none"> Shoaling exists across most of the reach starting approximately 650 feet landward from the start of the reach on the left side. Channel wide shoaling begins approximately 425 feet landward from RED #2 W/ LIGHT FLOOD and continues landward until approximately 270 feet seaward from GREEN #7 W/LIGHT FLOOD. The controlling depth of -24.0 feet MLLW exists in the Left Inside Quarter approximately 75 feet seaward from GREEN #3 W/ LIGHT FLOOD. 								
Reach N: <ul style="list-style-type: none"> 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 -31.8 feet MLLW exists in the Left Inside Quarter in the approximate 25 feet landward of the seaward start of the reach. 								