

REPORT OF CHANNEL CONDITIONS 400 FEET WIDE OR GREATER						PAGE	1 OF 1	
						DATE	24 February 2015	
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 40 feet seaward of GREEN CAN #7 and 430 feet seaward of GREEN LIGHT #1 and continuing approximately 4600 feet landward to the start of the turning basin at the approximate locations of GREEN & RED "RI" and GREEN LIGHT #7	File 184, Sheets 1-2 of 2; 10 & 11 December 2014	400 – 1600	0.79	35	27.0	25.2	26.2	26.2
Reach N (Turning Basin at Astoria Waterfront): A turning basin approximately 1000 feet wide beginning at the approximate locations of GREEN & RED "RI" and GREEN LIGHT #7 and continuing approximately 1600 feet landward to the end of the channel, approximately 10 feet landward of GREEN CAN #9.	File 184, Sheet 2 of 2; 10 & 11 December 2014	1000	0.26	35	34.9	30.6	33.0	31.3
REMARKS: <ul style="list-style-type: none"> All depths are in Mean Lower Low Water. 								
EAST RIVER, SOUTH BROTHER ISLAND CHANNEL <ul style="list-style-type: none"> Reach M: Shoaling is present across the entire channel width beginning approximately 200 feet landward of GREEN LIGHT #1 and 110 feet landward of GREEN & RED JUNCTION CAN, and continuing to approximately 200 feet seaward of GREEN LIGHT #7. There are several small patches throughout this shoal where project depth is available. The controlling depth of 25.2 feet is located in the Left Inside Quarter approximately 300 feet seaward of GREEN LIGHT #3. Edge shoaling also exists in Right Outside Quarter starting at approximately 160 feet seaward of GREEN & RED "RI" and extending approximately 170 feet landward with an approximate maximum width of 35 feet. Reach N: A shoal exists in the Right Outside Quarter of this reach commencing approximately 650 feet landward of GREEN & RED "RI" and extending approximately 660 feet landward with an approximate maximum width of 130 feet. An edge shoal approximately 210 feet long by approximately 25 feet wide exists at the beginning of the reach in the vicinity of GREEN AND RED "RI" in the LEFT and RIGHT Inside Quarters. An edge shoal also exists in the Left Outside Quarter commencing approximately 640 feet landward of GREEN LIGHT #7 and extending approximately 90 feet landward with a maximum width of 5 feet. 								