

| REPORT OF CHANNEL CONDITIONS 400 FEET WIDE OR GREATER | | | | | PAGE | 1 OF 1 | | |
|--|--|--------------------|--------------------|--|--|-------------------------------------|--------------------------------------|---------------------------------------|
| | | | | | DATE | 5 March 2020 | | |
| 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 30 feet seaward of GREEN CAN #7 and 400 feet seaward of GREEN #1 w/LIGHT, continuing 5170 feet landward to the start of the turning basin at the locations of GREEN & RED "RI" and GREEN LIGHT #7 | File 4903, Sheets 1 to 2 of 2. 3, 6 January 2020 | 400-1600 | 0.79 | 35 | 28.6 | 27.8 | 28.4 | 29 |
| Reach N (Turning Basin at Astoria Waterfront): A turning basin 1000 feet wide beginning at the locations of GREEN & RED "RI" and GREEN LIGHT #7 and continuing 1,400 feet landward to the end of the channel, 60 feet landward of GREEN CAN #9. | File 4903, Sheets 1 to 2 of 2. 3, 6 January 2020 | 675 - 1000 | 0.26 | 35 | 34 | 32.5 | 35.4 | 34.6 |
| REMARKS: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> Shoaling exists across most of the reach starting about 800 feet landward from the start of the reach. Channelwide shoaling begins approximately 2070 feet landward from the start of the reach and continues landward until approximately 1230 feet seaward from the end of the reach . The controlling depth of -27.8 feet MLLW exists in the Left Inside Quarter approximately 1140 feet landward from the start of the reach. | | | | | | | | |
| Reach N: <ul style="list-style-type: none"> Minor toe shoaling exists along this reach. The controlling depth of -32.5 feet MLLW exists in the Left Inside Quarter approximately 130 feet landward from the start of the reach. | | | | | | | | |