

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE						PAGE 1 OF 1 PAGE	
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: Great South Bay, New York						MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD	
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)			
GREAT SOUTH BAY, NEW YORK							
Reach A: Begins at mile 0 close to the Robert Moses Causeway Bridge at the Fire Island Inlet, and ends approximately 4.6 miles east at Fire Islands.	File #5557 Sheets 2-10 of 30; 29 April – 08 May 2025	200	4.0	10	3.9	1.3	1.4
Reach B: Begins at Fire Islands at the approximate location of mile 4.6, and ends northeast at the approximate location of mile 13.3 at Brown Point.	File #5557 Sheets 10-25 of 30; 29 April – 08 May 2025	200 - 475	7.6	10	8.4	11.0	9.9
Reach C: Begins at Brown Point, located approximately at mile 13.3, and ends northeast at the intersection with the Patchogue River.	File #5557 Sheets 25-30 of 30; 29 April – 08 May 2025	200	2.2	10	9.4	9.4	9.5
REMARKS: <ul style="list-style-type: none"> All reported depths are relative to the Mean Lower Low Water (MLLW) datum. Channel reach lengths are in nautical miles. 							
GREAT SOUTH BAY <ul style="list-style-type: none"> Reach A: <ul style="list-style-type: none"> Shoaling exists intermittently in the Left Outside Quarter, Middle Half, and Right Outside Quarter of the channel; amongst long stretches throughout this reach where authorized depth is available across the channel's entire width. The controlling depth of -1.3 feet MLLW exists in the Middle Half of the channel, approximately 1,389 feet Landward of Channel Bend '40'. Reach B: <ul style="list-style-type: none"> Authorized depth is available across the channel's entire width for the majority of this reach. However, shoaling exists in the Left Outside Quarter in the vicinity of CAN #19 SLACK, in the vicinity of CAN #25 EBB, and approximately 1,140 feet seaward of CAN #25 EBB. The controlling depth of -8.4 feet MLLW exists in the Left Outside Quarter, along the toe of the channel, in the vicinity of CAN #19 SLACK. Reach C: <ul style="list-style-type: none"> Authorized depth is available across the channel's entire width for approximately the first 5,450 feet of this reach; at which point shoaling exists intermittently across the channel's width throughout the remainder of this reach. The controlling depth of -9.4 feet MLLW exists in the Middle Half of the channel, approximately 785 feet seaward of CAN #35 EBB; and in the Left Outside Quarter of the channel, approximately 2,275 feet seaward of the same. 							