

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE (ER 1130-2-306)					PAGE 1 OF 2		
					DATE 3 September 2014		
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: Flushing Bay and Creek, 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 (n miles)	DEPTH (feet)			
Reach A (Main Channel): From deep water in the East River approximately 1,465 feet seaward of RED #4 LIGHTED to approximately 110 feet landward of GREEN CAN #13	Map 72; Pgs 1-3 of 5; 4,10, 16-19 June and 14 July 2014	300 - 200	1.49	15	12.6	14.0	7.6
Reach B (Creek Channel): From approximately 110 feet landward of GREEN CAN #13 to the Whitestone Parkway Bridge, approximately 150 feet landward of the DANGER BUOY on the south side of the channel	Map 72; Pgs 3-4 of 5; 4,10, 16-19 June and 14 July 2014	200 - 135	0.47	15	7.1	12.3	4.3
Reach C (Creek Channel): From the Whitestone Parkway Bridge, approximately 150 feet landward of the DANGER BUOY on the south side of the channel, to a point approximately 1,300 feet landward at the Northern Boulevard Bridge	Map 72; Pg 4 of 5; 4,10, 16-19 June and 14 July 2014	200 - 75	0.21	15	1.0	9.9	4.2
Reach D (Creek Channel): From the Northern Boulevard Bridge to a point approximately 1,650 feet landward	Map 72; Pg 4 of 5; 4,10, 16-19 June and 14 July 2014	200 - 75	0.26	15	+2.2	+1.0	+2.1
Reach E (Creek Channel): From approximately 1,650 feet landward of Northern Boulevard Bridge to the channel's end approximately 375 feet landward	Map 72; Pg 4 of 5; 4,10, 16-19 June and 14 July 2014	175-125	0.06	15	No channel depths reported for this reach.		
Reach F (Branch Channel): Beginning approximately 110 feet landward of RED DAY MARKER #12 LIGHTED at the initial bend of the Main Channel, extending south into the Maneuvering Area approximately 695 feet	Map 72; Pg 3 of 5; 4,10, 16-19 June and 14 July 2014	200	0.12	15	13.0	11.3	8.4
REMARKS: <ul style="list-style-type: none"> All depths in Mean Lower Low Water (MLLW) Channel Length is in nautical miles <p>FLUSHING BAY AND CREEK:</p> <ul style="list-style-type: none"> Reach A: Shoaling exists in the Right Outside Quarter of the channel beginning approximately 1,465 feet seaward of RED #4 LIGHTED to approximately 755 feet landward of RED NUN #10. It becomes as wide as the quarter's width, and extends into the Middle Half in certain locations. Another shoal exists in the Right Outside Quarter of the channel beginning approximately 560 feet seaward of RED DAY MARKER #12 LIGHTED to approximately 120 feet landward of RED DAY MARKER #12 LIGHTED. Shoaling exists in the Left Outside Quarter of the channel beginning approximately 695 feet seaward of GREEN #5 LIGHTED to approximately 710 feet seaward of GREEN CAN #9. Another shoal exists in the Left Outside Quarter of the channel beginning approximately 105 feet seaward of GREEN CAN #11 to the approximate location of GREEN CAN #13. Reach B: Shoaling exists in the Left Outside Quarter of the channel beginning approximately 110 feet landward of GREEN CAN #13 to approximately 590 feet landward of GREEN CAN #17. Shoaling begins again in the Left Outside Quarter approximately 425 feet seaward of the DANGER BUOY on the north side of the channel and continues to the end of this reach at the Whitestone Parkway Bridge. Another shoal exists in the Right Outside Quarter of the channel beginning approximately 370 feet seaward of RED NUN #18 and extends toward the end of this reach at Whitestone Parkway Bridge. These shoals become as wide as the quarter's width, and at times extend into the channel's Middle Half. Reach C: Channel wide shoaling begins approximately at the Whitestone Parkway Bridge and extends approximately 325 feet landward. Thence, shoaling continues in the Left Outside Quarter and Right Outside Quarter of the channel and extends to the end of this reach at Northern Boulevard Bridge. Reach D: Shoaling exists throughout this entire reach. Reach E: No channel depths reported for this reach. Reach F: Shoaling exists in the Right Outside Quarter of the channel beginning approximately 120 feet landward of RED DAY MARKER #12 LIGHTED and spreads across the entire width of this reach for approximately the last 230 feet of this reach to the end of the branch channel. 							

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RIVER/HARBOR NAME AND STATE: Flushing Bay and Creek, New York						
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			MINIMUM DEPTHS IN CHANNEL	
		WIDTH (feet)	AREA (Acres)	DEPTH (feet)		
Reach G: Irregularly Shaped Maneuvering Area, located adjacent to the Reach B portion of the Creek Channel as well as the end of the Branch Channel. Adjacent to Reach I Maneuvering Area	Map 72; Pgs 3 & 5 of 5; 4,10, 16-19 June and 14 July 2014	Irregular	25.6	15	6.3	
Reach H: Triangular Maneuvering Area located adjacent to, and south of, the Reach G Maneuvering Area. Reach H begins approximately 1,425 feet southwest of GREEN CAN #1	Map 72; Pg 5 of 5; 4,10, 16-19 June and 14 July 2014	Irregular	1.0	12	3.1	
Reach I: Irregularly shaped Anchorage Basin located adjacent to the Branch Channel, and adjacent to, as well as north of, the Reach G Maneuvering Area	Map 72; Pgs 3 & 5 of 5; 4,10, 16-19 June and 14 July 2014	Irregular	47.8	6	1.9	
REMARKS: <ul style="list-style-type: none"> All depths in Mean Lower Low Water (MLLW) Channel Length is in nautical miles FLUSHING BAY AND CREEK: <ul style="list-style-type: none"> Reach G: Shoaling exists throughout the majority of this reach. Reach H: Shoaling exists throughout this entire reach. Reach I: Shoaling exists throughout the majority of this reach. 						