

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE						PAGE	1	OF	2	
						DATE	03 September 2019			
<b>TO:</b> The Record					<b>FROM:</b> U.S. Army Corps of Engineers 26 Federal Plaza, ATTN: CENAN-OP-ST New York, NY 10278-0090					
<b>RIVER/HARBOR NAME AND STATE:</b> MAMARONECK HARBOR, NEW YORK						<b>MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD</b>				
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)						
<b>Reach A:</b> Begins approximately 370 feet seaward of GREEN LIGHTED #5 EBB and ends approximately 30 feet landward of GREEN CAN #7 FLOOD.	File No. 51 Pg. 1-2 of 6; 2, 4, 11-12 April 2019	100	0.27	10	8.3	8.3	8.3			
<b>Reach F (West Basin):</b> Irregular shaped anchorage area beginning at the end of Reach E and continues for approximately 1,200 feet.	File No. 50 Pg. 4 of 6; 3, 5, 9-11, 17 April 2018	Irregular	8.78 acres	6	7.2					
<b>Reach G:</b> Irregular shaped anchorage area beginning at the approximate location of MOORING BUOY EBB and continues landward along Reach C until approximately 95 feet landward of MOORING BUOY EBB.	File No. 51 Pg. 6 of 6; 2, 4, 11-12 April 2019	Irregular	2.55 acres	10	8.5					
<b>Reach H (East Basin):</b> Irregular shaped anchorage area beginning approximately 55 feet landward of RED NUN #16 EBB and continues landward for approximately 1,450 feet.	File No. 51 Pg. 5-6 of 6; 2, 4, 11-12 April 2019	Irregular	12.16 acres	6	+0.7					
<b>REPORT OF CHANNEL CONDITIONS &lt; 100 FEET WIDE</b>										
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT				80% OF CHANNEL WIDTH (feet)				
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)						
<b>Reach B:</b> Begins approximately 30 feet landward of GREEN CAN #7 FLOOD and ends approximately at the junction of 40 feet landward of the RED NUN #12 FLOOD.	File No. 50 Pg. 2 & 3 of 6; 3, 5, 9-11, 17 April 2018	80-100	0.33	10		9.4				
<b>Reach C:</b> Begins approximately 40 feet landward of the RED NUN #12 FLOOD and ends approximately 120 feet landward of MOORING BUOY EBB.	File No. 51 Pg. 6 of 6; 2, 4, 11-12 April 2019	80	0.45	10		5.5				
<b>Reach E:</b> Begins approximately 95 feet landward from the RED NUN #12 FLOOD and ends approximately 1,200 feet from the end of the West Basin Anchorage.	File No. 50 Pg. 3 & 4 of 6; 3, 5, 9-11, 17 April 2018	80	0.29	6		7.5				
<b>REMARKS:</b>										
<ul style="list-style-type: none"> <li>• All channel depths are relative to Mean Lower Low Water (MLLW).</li> <li>• Channel reach lengths are in nautical miles.</li> </ul>										

**MAMARONECK HARBOR:**

- **Reach A:** Shoaling exists in the majority of this reach, across the entire width of the channel. The controlling depth of -8.3 feet MLLW exists in the Right Outside, Middle Half, and Left Outside Quarters at approximately 800 feet, 900 feet, and 1,105 feet landward of GREEN #5 W/LIGHT EBB, respectively.
- **Reach B:** Majority of shoaling exists in the beginning of this reach, extending from Reach A into the gradual narrowing of Reach B. The controlling depth of -9.4 feet MLLW exists in the Middle Half at approximately 60 feet landward of GREEN CAN #7 FLOOD.
- **Reach C:** Shoaling exists throughout a majority of this reach, across the entire width of the channel. The controlling depth of -5.5 feet MLLW exists in the Middle Half at approximately 85 feet landward of MOORING BUOY EBB.
- **Reach E:** No shoaling exists within this reach. The controlling depth of -7.5 feet MLLW exists in the Middle 80% at approximately 1,060 feet landward of RED NUN #12 FLOOD.
- **Reach F (West Basin):** No shoaling exists within this reach. The controlling depth of -7.2 feet MLLW exists in the southwestern corner of this basin.
- **Reach G:** Shoaling exists across the majority of the anchorage area. The controlling depth of -8.5 feet MLLW exists at approximately 155 feet seaward of MOORING BUOY EBB.
- **Reach H (East Basin):** Majority of shoaling exists in the most northeastern portion of the basin. The controlling depth of +0.7 exists at approximately 550 feet northeast of MOORING BUOY EBB.