

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE						PAGE	1	OF	2	
						DATE	26 MAY 2021			
<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 365 feet seaward of GREEN LIGHTED #5 FLOOD and ends at the approximate location of GREEN CAN #7 FLOOD.	File No. 5051/N2 Pg. 1-2 of 6; 13-15, 23, 27 April 2021	100	0.27	10	8.7	8.8	8.7			
<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. 5051/N2 Pg. 4 of 6; 13- 15, 23, 27 April 2021	Irregular	8.78 acres	6	7.8					
<b>Reach G:</b> Irregular shaped anchorage area beginning approximately 155 feet landward of RED NUN #16 Flood and continues landward along Reach C approximately 700 feet.	File No. 5051/N2 Pg. 6 of 6; 13- 15, 23, 27 April 2021	Irregular	2.55 acres	10	8.3					
<b>Reach H (East Basin):</b> Irregular shaped anchorage area beginning approximately 55 feet landward of RED NUN #16 FLOOD and continues landward for approximately 1,500 feet.	File No. 5051/N2 Pg. 5-6 of 6; 13-15, 23, 27 April 2021	Irregular	12.16 acres	6	0.1					
<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 at the approximate location of GREEN CAN #7 FLOOD and ends at the approximate location of RED NUN #12 FLOOD, at the channel junction.	File No. 5051/N2 Pg. 2 & 3 of 6; 13-15, 23, 27 April 2021	80-100	0.33	10		9.5				
<b>Reach C:</b> Begins at the approximate location of RED NUN #12 FLOOD and ends approximately 855 feet landward of RED #16 FLOOD.	File No. 5051/N2 Pg. 3, 5 & 6 of 6; 13-15, 23, 27 April 2021	80	0.45	10		5.8				
<b>Reach E:</b> Begins approximately at GREEN CAN "A" FLOOD and ends approximately 1,200 feet seaward from the end of the West Basin Anchorage.	File No. 5051/N2 Pg. 3 & 4 of 6; 13-15, 23, 27 April 2021	80	0.29	6		8.1				
<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 throughout the majority of this reach, across the entire width of the channel. The controlling depth of -8.7 feet MLLW exists in the Left Outside Quarter and Right Outside Quarter at multiple locations between approximately 565 feet and 215 feet seaward of RED NUN #10 W/LIGHT FLOOD.
- **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 -9.5 feet MLLW exists in the Middle 80% at the approximate location of GREEN CAN #7 FLOOD.
- **Reach C:** Shoaling exists throughout the majority of this reach, across the entire width of the channel. The controlling depth of -5.8 feet MLLW exists in the Middle Half at approximately 20 feet seaward of the end of the reach.
- **Reach E:** No shoaling exists within this reach. The controlling depth of -8.1 feet MLLW exists in the Middle 80% at multiple locations along the first channel bend, from approximately 840 feet to 890 feet landward of GREEN CAN "A" FLOOD.
- **Reach F (West Basin):** No shoaling exists within this reach. The controlling depth of -7.8 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 -8.3 feet MLLW exists at approximately 345 feet northwest of RED NUN #16 FLOOD.
- **Reach H (East Basin):** Majority of shoaling exists in the most northeastern portion of the basin, beginning approximately 310 feet seaward of the end of the reach. The controlling depth of -0.1 exists at approximately 65 feet from the end of the reach.