

| REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE | | | | | | PAGE | 1 | OF | 2 |
|---|--|--------------------|--------------------|---|--------------------------------------|--|---------------------------------------|----|---|
| | | | | | | DATE | 01 NOV 2023 | | |
| 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: MAMARONECK HARBOR, 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) | | | | | |
| Reach A: Begins approximately 360 feet seaward of GREEN LIGHTED #5 FLOOD and ends at the approximate location of GREEN CAN #7 FLOOD. | File No. 5321 Pg. 5 & 6 of 9 8-10 Aug 2023 | 100 | 0.27 | 10 | 8.5 | 8.5 | 8.5 | | |
| Reach F (West Basin): Irregular shaped anchorage area beginning at the end of Reach E and continues for approximately 1,200 feet. | File No. 5321 Pg. 2 of 9 8-10 Aug 2023 | Irregular | 8.78 acres | 6 | 7.5 | | | | |
| Reach G: 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. 5321 Pg. 7 of 9 8-10 Aug 2023 | Irregular | 2.55 acres | 10 | 8.3 | | | | |
| Reach H (East Basin): Irregular shaped anchorage area beginning approximately 55 feet landward of RED NUN #16 FLOOD and continues landward for approximately 1,500 feet. | File No. 5321 Pg. 7 & 9 of 9 8-10 Aug 2023 | Irregular | 12.16 acres | 6 | +0.3 | | | | |
| REPORT OF CHANNEL CONDITIONS < 100 FEET WIDE | | | | | | | | | |
| 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) | | | | | |
| Reach 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. 5321 Pg. 4 & 5 of 9 8-10 Aug 2023 | 80-100 | 0.33 | 10 | 9.4 | 9.3 | 9.3 | | |
| Reach C: Begins at the approximate location of RED NUN #12 FLOOD and ends approximately 830 feet landward of RED #16 FLOOD. | File No. 5321 Pg. 4, 8 & 7 of 9 8-10 Aug 2023 | 80 | 0.45 | 10 | 5.5 | 5.2 | 7.7 | | |
| Reach E: Begins approximately at GREEN CAN "A" FLOOD and ends approximately 1,000 feet seaward from the end of the West Basin Anchorage. | File No. 5321 Pg. 2, 3 & 4 of 9 8-10 Aug 2023 | 80 | 0.29 | 6 | 7.4 | 7.8 | 7.7 | | |
| REMARKS: | | | | | | | | | |
| <ul style="list-style-type: none"> • All channel depths are relative to Mean Lower Low Water (MLLW). • Channel reach lengths are in nautical miles. | | | | | | | | | |

MAMARONECK HARBOR:

- **Reach A:** Starting 470 feet landward from the entrance of the channel shoaling exists throughout the majority of this reach, across the entire width of the channel. The controlling depth of -8.5 feet MLLW exists in the Left Outside Quarter and Right Outside Quarter at multiple locations between approximately 910 feet and 465 feet seaward of RED NUN #7 FLOOD.
- **Reach B:** Majority of shoaling exists in the beginning of this reach extending 220 feet from the landward end of Reach A. The controlling depth of -9.3 feet MLLW exists at two locations in the Right Outside Quarter and Middle Half of the reach near the beginning of the reach 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 -5.2 feet MLLW exists in the Left Outside Quarter at the landward end of the reach.
- **Reach E:** No shoaling exists within this reach. The controlling depth of -7.4 feet MLLW exists in the Middle Half at approximately 870 landward of RED/GREEN CAN "A" FLOOD.
- **Reach F (West Basin):** No shoaling exists within this reach. The controlling depth of -7.5 feet MLLW exists along Left toe approximately 650 feet landward from the seaward beginning of the reach.
- **Reach G:** Shoaling exists across the majority of the anchorage area. The controlling depth of -8.3 feet MLLW exists at approximately 200 feet seaward 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.