

| REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE | | | | | PAGE | 1 | OF | 2 |
|---|--|--------------------|--------------------|--|---|--------------------------|---------------------------------------|---|
| | | | | | DATE | 22 MAY 2020 | | |
| 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 405 feet seaward of GREEN LIGHTED #5 FLOOD and ends approximately 50 feet landward of GREEN CAN #7 FLOOD. | File No. 4937/N1 Pg. 1-2 of 6; 26, 27, & 30 March and 9 April 2020 | 100 | 0.27 | 10 | 8.8 | 8.9 | 8.9 | |
| Reach F (West Basin): Irregular shaped anchorage area beginning at the end of Reach E and continues for approximately 1,200 feet. | File No. 4937/N1 Pg. 4 of 6; 26, 27, & 30 March and 9 April 2020 | Irregular | 8.78 acres | 6 | 7.4 | | | |
| Reach G: Irregular shaped anchorage area beginning at the approximate location of 160 feet northwest of RED NUN #16 EBB and continues landward along Reach C approximately 720 feet. | File No. 4937/N1 Pg. 6 of 6; 26, 27, & 30 March and 9 April 2020 | Irregular | 2.55 acres | 10 | 8.9 | | | |
| Reach H (East Basin): Irregular shaped anchorage area beginning approximately 55 feet landward of RED NUN #16 EBB and continues landward for approximately 1,450 feet. | File No. 4937/N1 Pg. 5-6 of 6; 26, 27, & 30 March and 9 April 2020 | Irregular | 12.16 acres | 6 | +0.1 | | | |
| REPORT OF CHANNEL CONDITIONS < 100 FEET WIDE | | | | | | | | |
| NAME OF CHANNEL | DATE OF SURVEY | AUTHORIZED PROJECT | | | 80% OF CHANNEL WIDTH (feet) | | | |
| | | WIDTH (feet) | LENGTH (nmiles) | DEPTH (feet) | | | | |
| Reach B: Begins approximately 50 feet landward of GREEN CAN #7 FLOOD and ends approximately at the junction, 25 feet landward of the RED NUN #12 FLOOD. | File No. 4937/N1 Pg. 2 & 3 of 6; 26, 27, & 30 March and 9 April 2020 | 80-100 | 0.33 | 10 | 9.8 | | | |
| Reach C: Begins approximately 25 feet landward of the RED NUN #12 FLOOD and ends approximately 875 feet landward of RED #16 FLOOD. | File No. 4937/N1 Pg. 3, 5 & 6 of 6; 26, 27, & 30 March and 9 April 2020 | 80 | 0.45 | 10 | 5.8 | | | |
| Reach E: Begins approximately at GREEN/RED JUNCTION "A" FLOOD and ends approximately 1,200 feet seaward from the end of the West Basin Anchorage. | File No. 4937/N1 Pg. 3 & 4 of 6; 26, 27, & 30 March and 9 April 2020 | 80 | 0.29 | 6 | 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:** Shoaling exists in the majority of this reach, across the entire width of the channel. The controlling depth of -8.8 feet MLLW exists in the Left Outside Quarter at approximately 1,000 feet landward of GREEN LIGHTED #5 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 -9.8 feet MLLW exists intermittently in the Middle 80% between approximately 10 feet and 80 feet landward of the beginning of the reach.
- **Reach C:** Shoaling exists throughout a 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 30 feet landward of the end of the reach.
- **Reach E:** No shoaling exists within this reach. The controlling depth of -7.7 feet MLLW exists in the Middle 80% at approximately 710 feet landward of GREEN/RED JUNCTION "A" FLOOD.
- **Reach F (West Basin):** No shoaling exists within this reach. The controlling depth of -7.4 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 -8.9 feet MLLW exists at approximately 565 feet northwest of RED NUN #16 EBB.
- **Reach H (East Basin):** Majority of shoaling exists in the most northeastern portion of the basin, beginning approximately 300 feet seaward of the end of the reach. The controlling depth of +0.1 exists at approximately 20 feet from the end of the reach.