

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE					PAGE 1 OF 2		
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: Mattituck 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 in the Long Island Sound at approximately 100 feet seaward of RED NUN #2 W/LIGHT EBB and continues to the end of the 100 foot width project, approximately 440 feet landward of GREEN CAN #3 EBB.	Request No. 5359/N4. Sht. 2-4 of 11. 8,13 & 14 November 2023	100	0.31	7	9.5	1.0	+4.5
REPORT OF CHANNEL CONDITIONS <100 FEET WIDE					LEFT 10% OF CHANNEL WIDTH (feet)	80% OF CHANNEL WIDTH (feet)	RIGHT OUTSIDE QUARTER (feet)
Reach B: From approximately 440 feet landward of GREEN CAN #3 EBB to approximately 2,450 feet landward of the beginning of this reach.	Request No. 5359/N4. Sht. 4 & 5 of 11. 8,13 & 14 November 2023	80	0.39	7	2.9	6.2	4.7
Reach C: From the end of Reach B to approximately 1,180 feet landward of the beginning of this reach.	Request No. 5359/N4. Sht. 5 & 6 of 11. 8,13 & 14 November 2023	80	0.21	7	4.8	1.9	+1.9
Reach D: From the end of Reach C to approximately 5,560 feet landward of the beginning of this reach at the entrance to the anchorage.	Request No. 5359/N4. Sht. 6-10 of 11. 8,13 & 14 November 2023	80	0.91	7	4.6	2.9	+1.1
Anchorage		AUTHORIZED PROJECT			MINIMUM DEPTH IN CHANNEL (feet)		
		WIDTH (feet)	AREA (acres)	DEPTH (feet)			
Anchorage: From the end of Reach D at the entrance to the anchorage and extends approximately 670 feet landward.	Request No. 5359/N4. Sht. 10 & 11 of 11. 8,13 & 14 November 2023	460	6.6	7	1.9		

REMARKS:

- All reported depths are relative to Mean Lower Low Water (MLLW) datum.
- Channel reach lengths are in nautical miles.

MATTITUCK HARBOR:

- **Reach A:**
 - Shoaling exists along the channel's toe in the Right Outside Quarter, commencing approximately 210 feet landward of GREEN CAN #3 EBB until the landward end of the reach.
 - The controlling depth of +4.5 feet MLLW exists in the Right Outside Quarter at approximately 300 feet landward of GREEN CAN #3 EBB.
- **Reach B:**
 - Edge shoaling exists intermittently in the Left and Right 10%, extending into the Middle 80% of this reach.
 - The controlling depth of -2.9 feet MLLW exists in the Left 10% at approximately 300 feet landward of GREEN CAN #3 EBB.
- **Reach C:**
 - Edge shoaling exists intermittently in the Left and Right 10% extending into the Middle 80% of this reach.
 - A shoal exists in the Middle 80%, commencing approximately 50 feet seaward of the end of the reach and extends until the end of the reach.
 - The controlling depth of +1.9 feet MLLW exists in the Right 10% approximately 25 feet seaward of the end of the reach.
- **Reach D:**
 - Shoaling exists intermittently in the Left and Right 10% extending into the Middle 80% of this reach.
 - The controlling depth of +1.1 feet MLLW exists in the Right 10% approximately 15 feet landward of the beginning of the reach.
- **ANCHORAGE:**
 - Shoaling exists along both the Left and Right toe of the anchorage in the seaward half of the anchorage.
 - The controlling depth of -1.9 feet MLLW exists along the Right toe approximately 570 feet seaward of the end of the reach.