

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE					PAGE 1 OF 2		
					DATE:		
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 FLOOD, and continues to the end of the 100 foot width project, approximately 500 feet landward of GREEN CAN #3 FLOOD.	File No. 5234/AL; Sht 2-4 of 11; 27, 31 October 2022	80-100	0.31	7	9.2	0.1	+1.8
REPORT OF CHANNEL CONDITIONS <100 FEET WIDE					80% OF CHANNEL WIDTH (feet)		
Reach B: From approximately 500 feet landward of GREEN CAN #3 FLOOD to approximately 575 feet landward of RED CHANNEL MARKER EBB.	File No. 5234/AL; Sht 4-5 of 11; 27, 31 October 2022	80	0.39	7	5.7		
Reach C: From approximately 575 landward of RED CHANNEL MARKER EBB to approximately 1,175 feet landward of the beginning of this reach.	File No. 5234/AL; Sht 5-6 of 11; 27, 31 October 2022	80	0.21	7	0.0		
Reach D: From the end of Reach C to approximately the western ANCHORAGE BUOY EBB.	File No. 5234/AL; Sht 6-10 of 11; 27, 31 October 2022	80	0.91	7	2.7		
Anchorage		AUTHORIZED PROJECT			MINIMUM DEPTH IN CHANNEL (feet)		
		WIDTH (feet)	AREA (acres)	DEPTH (feet)			
Anchorage: From the western ANCHORAGE BUOY EBB and extends approximately 670 feet landward.	File No. 5234/AL; Sht 10-11 of 11; 27, 31 October 2022	460	6.6	7	2.4		
REMARKS:							
<ul style="list-style-type: none"> All reported depths are relative to Mean Lower Low Water (MLLW) datum. Channel reach lengths are in nautical miles. 							
MATTITUCK HARBOR:							
<ul style="list-style-type: none"> Reach A: <ul style="list-style-type: none"> Shoaling exists along the channel's toe in the Right Outside Quarter, commencing approximately 160 feet landward of GREEN CAN #3 FLOOD until the landward end of the reach. For a short distance this shoal extends into the Middle Half of the channel. 							

- The controlling depth of +1.8 feet MLLW exists in the Right Outside Quarter at approximately 290 feet landward of GREEN CAN #3.
- **Reach B:**
 - Edge shoaling exists intermittently in the Left and Right 10% of the channel, extending into the Middle 80% of this reach.
 - The Middle 80% channel controlling depth of -5.7 feet MLLW exists at a point approximately 135 feet landward of the beginning of the reach.
- **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 0.0 feet MLLW exists in the Middle 80% 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.
 - Shoaling exists in the Right 10% extending into the Middle 80% of this reach at the southern GREEN CHANNEL MARKER EBB.
 - The Middle 80% channel controlling depth of -2.7 feet MLLW exists at the beginning of the reach.
- **Anchorage:**
 - Shoaling exists intermittently along the anchorage's toe in the seaward half of this reach.
 - The controlling depth of -2.4 feet MLLW exists in the northwestern corner of the anchorage.