

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE					PAGE	1	OF	1
TO: The Record					DATE: 12 July 2016			
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 (n miles)	DEPTH (feet)				
Reach A: Begins in the Long Island Sound at the approximate location of the fixed marker on the western jetty, approximately 100 feet seaward of RED NUN #2, and continues to the end of the 100 foot width project, approximately 450 feet landward of GREEN CAN #3	Map 67 Pgs 2 & 3 of 8; 5-6 & 8 April 2016	100	0.31	7	10.7	10.6	+0.8	
REPORT OF CHANNEL CONDITIONS <100 FEET WIDE					80% OF CHANNEL WIDTH (feet)			
Reach B: From approximately 450 feet landward of GREEN CAN #3 to approximately 1,275 feet seaward of Old Mill Road.	Map 67 Pgs 3 & 4 of 8; 5-6 & 8 April 2016	80	0.39	7	7.1			
Reach C: Commence from approximately 1,275 feet seaward of Old Mill Road to the approximate location of Old Mill Road.	Map 67 Pgs 4 & 5 of 8; 5-6 & 8 April 2016	80	0.21	7	6.0			
Reach D: From the approximate location of Old Mill Road to the Turning Basin, approximately 5,500 feet landward.	Map 67 Pgs 5 to 8 of 8; 5-6 & 8 April 2016	80	0.91	7	4.0			
TURNING BASIN		AUTHORIZED PROJECT			MINIMUM DEPTH IN CHANNEL (feet)			
		WIDTH (feet)	AREA (acres)	DEPTH (feet)				
Turning Basin: Commence from approximately 5,500 feet landward of Old Mill Road and extends approximately 670 feet landward.	Map 67 Pg 8 of 8; 5-6 & 8 April 2016	460	6.6	7	2.8			
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. 								
MATTITUCK HARBOR:								
<ul style="list-style-type: none"> Reach A: Full project depth is available throughout this reach, with the exception of a shoal along the toe of the Right Outside Quarter, approximately 240 feet landward of GREEN CAN #3. Reach B: A spot shoal exists along the left side of the channel, just beyond the second bend in the reach. A second shoal exists along the right channel edge, beginning approximately 1,720 feet landward of the start of this reach and continues landward for approximately 210 feet. Reach C: A shoal exist along the left side of channel, beginning approximately 530 feet landward of Old Mill Road and continues landward for approximately 275 feet. Sporadic shoals exist along the right side of the channel, beginning approximately 205 feet landward of old Mill Road and continues landward for approximately 300 feet. Reach D: Aside from a spot shoal on the left side, just landward of the commencement of this reach, project depth is available for approximately 1,850 feet landward, from the beginning of the reach at Old Mill Road. Then, shoaling exists having a maximum width of approximately 60 feet is present, beginning from said distance and continuing landward for approximately 720 feet. This shoal has a minimum depth of approximately 4.0 feet below MLLW. Project depth is available for the next 890 feet landward, before shoaling briefly encompasses the entire channel, followed by the existence of shoaling on both sides of the channel until the end of this reach. Turning Basin: A shoal approximately 175 feet in length with a maximum width of approximately 25 feet exists in the southwest corner of the Turning Basin. A shoal also exist along a portion of the northern side of the Turning Basin. 								