

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE					PAGE	1	OF	1
					DATE:	1 June 2015		
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 the approximate location of the fixed marker on the western jetty, approximately 105 feet seaward of RED NUN #2, and continues to the end of the 100 foot width project, approximately 445 feet landward of GREEN CAN #3	Map 66 Pgs 2 & 3 of 8; 1-3 & 31 March 2015	100	0.31	7	10.9	11.2	+0.4	
REPORT OF CHANNEL CONDITIONS <100 FEET WIDE					80% OF CHANNEL WIDTH (feet)			
Reach B: From approximately 445 feet landward of GREEN CAN #3 to approximately 1,275 feet seaward of Old Mill Road.	Map 66 Pgs 3 & 4 of 8; 1-3 & 31 March 2015	80	0.39	7	6.6			
Reach C: From approximately 1,275 feet seaward of Old Mill Road to the approximate location of Old Mill Road.	Map 66 Pgs 4 & 5 of 8; 1-3 & 31 March 2015	80	0.21	7	3.6			
Reach D: From the approximate location of Old Mill Road to the Turning Basin.	Map 66 Pgs 5 to 8 of 8; 1-3 & 31 March 2015	80	0.91	7	4.5			
TURNING BASIN		AUTHORIZED PROJECT			MINIMUM DEPTH IN CHANNEL (feet)			
		WIDTH (feet)	AREA (acres)	DEPTH (feet)				
Turning Basin: Commence from approximately 1, 520 ft landward of second Red Marker Buoy extending approximately 665 ft landward.		460	6.6	7	2.6			
REMARKS:								
<ul style="list-style-type: none"> All depths in Mean Lower Low Water (project originally authorized to Mean Low Water). Channel length is 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 right edge of the channel at the first bend in the channel. This edge shoal exists along the right channel line beginning approximately 200 feet landward of GREEN CAN #3 and continuing landward for approximately 225 feet with a maximum width of approximately 20 feet. The controlling depth in the Right Outside Quarter exists within this shoal and is at a positive elevation. Reach B: A shoal exists along the right channel edge beginning approximately 1,625 feet landward of the start of this reach. Reach C: Several edge shoals exist along both the right and left sides of the channel throughout this reach. Reach D: There is shoaling along both the right and left channel edges throughout this reach. A large shoal with a maximum width of approximately 60 feet exists in this reach beginning approximately 3,600 feet seaward of the start of the Turning Basin and continuing landward for approximately 610 feet, with a minimum depth of approximately 4.5 feet below MLLW. Turning Basin: A shoal approximately 175 feet in length with a maximum width of approximately 20 feet exists in the southwest corner of the Turning Basin. 								
ENG FORM 4020-R, Nov 90			EDITION OF JUL 59 IS OBSOLETE			(Proponent: CECW-OM)		