

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE (ER 1130-2-306)						PAGE 1 OF 1	
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: From L.I. Sound, Fixed Marker on the jetty to the end of the 100 foot project, approximately 1600 ft landward of GREEN CAN #1	Map 64 Pg 2 & 3 of 8; 12 & 13 April 2013	100	0.30	7	5.7	1.0	+2.1
REPORT OF CHANNEL CONDITIONS <100 FEET WIDE						80% OF CHANNEL WIDTH (feet)	
Reach B: From approximately 1600 ft landward of GREEN CAN #1 to approximately 947 ft seaward of Old Mill Road.	Map 64 Pg 3 of 8; 12 & 13 April 2013	80	0.09	7		0.9	
Reach C: From approximately 947 ft seaward of Old Mill Road to Old Mill Road.	Map 64 Pg 3, 4 & 5 of 8; 12 & 13 April 2013	80	0.18	7		4.6	
Reach D: From Old Mill Road to Turning Basin	Map 64 Pg 5, 6, 7, & 8 of 8; 12 & 13 April 2013	80	0.91	7		4.3	
						TURNING BASIN	
Turning Basin: From approximately 180 ft landward of Anchorage Buoy #1 LOCALLY MAINTAINED AID extending approximately 665 ft landward	Map 63 Pg 8 of 8; 12 & 13 April 2013	460	0.10	7		3.4	
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. Reach A: A shoal extending across the entire width of the channel commences approximately 70 ft landward of Green Can #1 and extends approximately 685 ft landward. A shoal across the entire left outside quarter of the reach commences approximately 1000 ft landward of Green Can #1 and extends approximately 150 ft landward. A shoal extending across right outside quarter of the reach and 20 ft into the middle half of the channel commencing approximately 1250 ft landward of Green Can #1 and extends to the end of the reach, approximately 350 ft landward. Reach B: A shoal commences along the left channel line approximately 1710 ft landward from Green Can #1 over a length of 120 ft and extends approximately 20 ft into the middle 80% of the channel. Reach C: An edge shoal 220 ft in length exists along the left outside channel line outside the middle 80% channel width and extends up to 15 ft into the 80% channel width. A high spot shoal, which contains the controlling depth of 4.6 ft, exists in the middle 80% channel at a distance of approximately 10 ft seaward of Old Mill Road. Reach D: Two shoals extend almost across the entire 80% channel width, extending 540 ft and 590 ft in length, commencing 3000 ft and 1410 ft from the turning basin, respectively. Minor left edge shoaling commences approximately 100 ft seaward of the turning basin. Turning Basin: A 175ft shoal, with a maximum width of approximately 20ft exists in the Northwest corner of the Turning Basin. 							