

**REPORT OF CHANNEL CONDITIONS  
100 TO 400 FEET WIDE  
(ER 1130-2-3165)**

PAGE 1 OF 1

DATE 12 May 2004

TO: Commander 90 (OAN), First Coast Guard District  
408 Atlantic Avenue  
Boston, MA 02110

FROM: U.S. Army Corps of Engineers  
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New York, NY 10278-0090

RIVER/HARBOR NAME AND STATE:  
MATTITUCK HARBOR, NY

**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 (miles)	DEPTH (feet)			
<i>reach A.</i> From L.I. Sound to 250 ft upstream from first bend. MILE 0.0 TO MILE 0.36.	MAR 2004	100 - 130	0.36	7	6.6	6.8	6.2
<i>reach B.</i> From 250 ft after first band 650 landward MILE 0.36 TO MILE 0.480	MAR 2004	80	0.125	7	7.7	8.6	7.5
NO FURTHER SURVEY WAS PERFORMED THIS TIME.							

REMARKS:

- All depths are in reference to Mean Low Water (MLW)
- *Reach A:* Approx 600 ft long and max 40 ft wide shoaling along the right edge in RO ¼ starting from the north channel limit near RED NUN #2 SLACK spreading into MID ½, also including several smaller shoals along the right channel line.
- Approx 900 ft long and max 40 ft wide shoaling along the left edge in LO ¼ starting from the north channel limit near GREEN CAN #1 SLACK spreading into MID ½, also including several smaller shoals along the left channel line
- *Reach B:* Starts after the first bent where the channel width is reduced to 80 ft. Only a 650 ft length was dredged and surveyed of this section. No shoal found.

