

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

PAGE 1 OF 1

DATE 12 August 2004

TO: The Record

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

RIVER/HARBOR NAME AND STATE:

Great South Bay, NY
Federal Navigation Channel

**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)			
Reach A: Fire Island Inlet, Robert Moses to East Fire Island	March & April 04, File #85	200	4.8	10	4.3 ¹	4.7 ¹	4.0 ²
Reach B: East Fire Island to Brown Point		200	8.2	10	6.8 ³	9.6 ⁴	8.9
Reach C: Brown Point to Opposite Entrance of Patchogue River		200	3	10	8.4	8.5 ⁵	8.6

REMARKS

1. The shoal is located west of green can #7 and encompasses the entire width of the channel for approximately 1000 feet.
2. Shoal starts near red buoy #20 on the bend and encompasses the entire width of the channel, approximately 1400 feet long to Red buoy #22.
3. A small shoal in the widener near green buoy #19 (200' long by 60' wide).
4. Shoal is on half to the entire channel width between green can #23 and red buoy #24.
5. Entire width and length of the channel reach from 1/2 mile east of Browns point, past green buoy #35 has shoaled.