

**REPORT OF CHANNEL CONDITIONS
400 FEET WIDE OR GREATER
(ER 1130-2-306)**

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DATE 10 June 2002

TO: THE RECORD

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

RIVER/HARBOR NAME AND STATE:

Main Ship Channel, New York harbor, NY

**MINIMUM DEPTHS IN EACH ¼ WIDTH OF
CHANNEL ENTERING FROM SEAWARD**

SECTION OR REACH	MAP FILE NO. SURVEY DATE	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)				
Western Cutoff- Widening at West Side of Junction with Sandy Hook Channel ⁽¹⁾	Map 50 p 3 of 6 Nov. 28 to Dec 3, 2001	Irregular	30 Acres	30	Minimum	Depth in Is	this 28.6	section
Eastern Cutoff – Widening at East Side of Junction with Sandy Hook Channel ⁽²⁾	Map 50 p 2 & 3 of 6 Nov. 28 to Dec. 3, 2001	Irregular	67 acres	30	Minimum	Depth in Is	this 28.9	section
Main Ship Channel South	Map 50 p 3,4, & 5 of 6 Nov. 28 to Dec 3, 2001	1000	2.7	30	28.6	29.9	30.1	26.3
Main Ship Channel North ^{(3)&(4)}	Map 50 p 5 & 6 of 6 Nov. 28 to Dec 3, 2001 & map 50 A p7 of 7 April 9, 2002	1000	2.3	30	28.7	29.0	28.9	27.9

REMARKS:

All depths are in Mean Low Water (MLW).

⁽¹⁾ Shoal at the western cutoff section connecting with Sandy Hook Channel is located on the north toe and extends to the center of the section. It is approx. 600 ft wide and 1000 feet long.

⁽²⁾ Shoal at the eastern cutoff section connecting with Sandy Hook Channel is located in the center of the section. It is approx. 400 feet wide and 1000ft. long.

⁽³⁾ Shoal #1 in the North reach is irregular in shape and occupies most of the right inside and right outside quarters from approximately 7,000 feet south of to 3,000 feet south of the points F1 and F2 at the Northern end of the Main Ship Channel. The shallowest depth of Shoal # 1 is 28.5 feet.

⁽⁴⁾ Shoal #2 in the North reach is irregularly shaped and located at the northern point of the channel (1500ft. to 3000 ft. south of the intersection with Ambrose Channel). The shoal width primarily occupies the right outside quarter with very small shoals occurring intermittently across the entire channel width. The area of shoaling is at least 1600 ft. long and its shallowest depth is 27.9 feet.