

**REPORT OF CHANNEL CONDITIONS  
100 TO 400 FEET WIDE**

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**DATE** 21 December 2016

**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:**  
Port Jefferson 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)			
<b>Reach A:</b> A channel from deep water in Long Island Sound approximately 800 feet seaward of GREEN 1 W/LIGHT; to the head of the harbor approximately 100 feet landward of MOORING BUOY.	Map No. 12 Sheet 1-4 of 4; 14-16 June 2016	350*	1.87	40*	24.6	27.3	24.5
<b>Reach A1:</b> Widening adjacent to the channel at the head of the harbor from approximately 700 feet seaward of MOORING BUOY; to approximately 100 feet landward of the same.	Map No. 12 Sheet 4 of 4; 14-16 June 2016	220	0.14	40*	13.1		

**REMARKS:**

- All reported depths are relative to the Mean Lower Low Water (MLLW) datum
- Channel reach lengths are in nautical miles

\* Never constructed to the authorized depth of 40 feet or authorized width of 350 feet. In 1957, the channel was dredged by private interests to a depth of 26 feet having a width of 300 feet. All reported depths and shoal descriptions are derived from the project's constructed (not authorized) dimensions.

**PORT JEFFERSON HARBOR**

- **Reach A:** Some sporadic shoaling exists in the Right Outside quarter along the toe of the channel between the approximate parameters of 300 feet landward of RED BELL 2 W/LIGHT to 1,100 feet landward of the same.

Shoaling exists in the Left Outside quarter along the toe of the channel from the approximate location of GREEN 1 W/LIGHT, to a point approximately 85 feet landward of the same.

Shoaling exists in the Left Outside quarter along the toe of the channel beginning approximately 1,885 feet landward of GREEN 1 W/LIGHT, and extends to a point approximately 1,990 feet landward of the same.

A shoal also exists in the Left Outside quarter along the toe of the channel, located approximately 100 feet landward of GREEN 5 W/LIGHT.

- **Reach A1:** Shoaling exists throughout out much of the southwest portion of this reach.

