

**REPORT OF CHANNEL CONDITIONS  
(FOR CHANNELS 400 FEET WIDE OR GREATER)**

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DATE 03 October 2017

**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 Jersey Channel, New Jersey

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

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MID-CHANNEL		RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)		LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	
<b>Port Jersey Channel:</b> Begins at a point approximately 160 feet seaward of GREEN #1 W/LIGHT EBB (Anchorage) at the junction with Anchorage Channel; ends at a point approximately 3,500 feet landward of RED #2 W/LIGHT FLOOD (Port Jersey).	Map 15; Pg 1-3 of 3; 6, 7 Sept. 2017	450 – 1,634	1.58	50	48.8	49.7	50.1	49.6

**REMARKS**

- All reported depths are relative to Mean Lower Low Water datum.
- Channel reach length is in nautical miles.

**PORT JERSEY CHANNEL**

- Shoaling exists in the Left Outside Quarter of the channel, extending into the Left Inside Quarter approximately 1,655 feet landward of GREEN #1 W/LIGHT EBB and continues approximately 1,340 feet landward with a maximum width of approximately 270 feet. Shoaling exists in the Left Outside Quarter of the channel approximately 415 feet seaward of RED #2 W/LIGHT FLOOD and continues 335 feet landward with a maximum width of 60 feet.
- Shoaling exists in the Right Outside Quarter of the channel along the channel's toe approximately 195 feet landward of RED #12 W/LIGHT EBB and continues 280 feet landward. Spot shoaling is present across the Right Outside Quarter approximately 1,500 feet landward of RED #12 W/LIGHT EBB and continues 155 feet landward.
- The controlling depth of -48.8 feet (MLLW) exists in the Left Outside Quarter approximately 1,980 feet and 2,290 feet landward of GREEN #1 W/LIGHT EBB.