

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

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DATE 06 December 2018

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:
New York and New Jersey Harbor, 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)	
Reach A, Port Jersey Channel: Begins at a point approximately 200 feet seaward of GREEN #1 W/LIGHT EBB at the junction with Anchorage Channel; ends at a point approximately 3,500 feet landward of RED #2 W/LIGHT EBB.	Map 17; Pg. 1-3 of 3; 5, 10, 12 September 2018	450 – 1,645	1.58	50	46.2	47.1	49.0	47.1

REMARKS

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

PORT JERSEY CHANNEL

- Shoaling exists in the Left Outside Quarter, Left Inside Quarter, and partially extending into the Right Inside Quarter beginning at a point approximately 1,300 feet landward of GREEN #1 W/LIGHT EBB and continues approximately 2,300 feet landward with a maximum width of approximately 580 feet.
- Shoaling exists in the Right Outside Quarter beginning approximately 250 feet landward of RED #2 W/LIGHT EBB and continues to a point approximately 595 feet landward with a maximum width of approximately 70 feet.
- Shoaling exists in the Right Outside Quarter and Right Inside Quarter beginning approximately 2,305 feet landward of RED #2 W/LIGHT EBB and continues to a point approximately 925 feet landward of GREEN #13 W/LIGHT EBB with a maximum width of approximately 245 feet.
- Shoaling exists in the Left Outside Quarter beginning from a point approximately 990 feet landward of GREEN #13 W/LIGHT EBB and continues approximately 440 feet landward with a maximum width of approximately 80 feet.
- Shoaling exists in the Right Outside Quarter and Right Inside Quarter beginning approximately 975 feet landward of GREEN #13 W/LIGHT EBB and continues 2,273 feet landward with a maximum width of approximately 135 feet.
- Sporadic shoaling exists in the Left Outside Quarter beginning approximately at GREEN #13 W/LIGHT EBB and continues approximately 1,440 feet landward.
- Shoaling exists in the Left Outside Quarter and Left Inside Quarter beginning approximately 1,720 feet landward of GREEN #13 W/LIGHT EBB and continues approximately 1,830 feet landward
- Shoaling exists in the Left Outside Quarter at a point approximately 4,545 feet landward of GREEN #13 W/LIGHT EBB and continues approximately 340 feet landward with a maximum width of approximately 65 feet.

- Shoaling exists in the Left Outside Quarter approximately at the end of the reach and continues to a point approximately 275 feet seaward with a maximum width of approximately 85 feet.
- The controlling depth of -46.2 feet (MLLW) exists in the Left Outside Quarter approximately 2,150 feet landward of GREEN #1 W/LIGHT EBB.