

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

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**DATE** 20 MAY 2015

**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:** Newark Bay, Hackensack & Passaic Rivers, New Jersey; Newark Bay – Main Channel South and Middle Reaches

**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>NEWARK BAY MAIN CHANNEL of Newark Bay, Hackensack &amp; Passaic Rivers Navigation Channels Project</b>								
<b>Partial Reach A – Main Channel South:</b> Survey coverage begins at a point approximately 815 feet seaward of GREEN LIGHT #7, and extends to a point approximately 610 feet landward of RED LIGHT #10.	Map 952, Pgs 1 & 2 of 3; 23 Mar 2015	1,000 – 2,360	1.28	50	50.3	50.7	51.0	47.9
<b>Reach B – Main Channel Middle:</b> The reach begins at a point approximately 610 feet landward of RED LIGHT #10, and extends to a point approximately 260 feet seaward of RED LIGHT #16.	Map 952, Pgs 2 & 3 of 3; 23 Mar 2015	1,655 - 810	0.87	50	47.3	47.5	47.5	47.7

**REMARKS:**

- All reported depths are relative to C.O.E. Mean Low Water datum
- Channel reach lengths are in nautical miles

**NEWARK BAY**

- **Partial Reach A – Main Channel South:** Shoaling exists along the channel's toe in the Right Outside Quarter from a point approximately 510 feet landward of RED NUN #8 to the end of this partial reach.
- **Reach B – Main Channel South:** Shoaling exists along the channel's toe in both the Left and Right Outside Quarters for much of this reach. Shoaling also exists across the channel's entire width (all four quarters) for approximately the last 65 feet of this reach.