

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

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**DATE** 17 August 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 Channels, Perth Amboy Anchorage and Ward Point Bend  
Secondary Channel, New York and New Jersey

**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)	AREA (acres)	DEPTH (feet)			
<b>Reach U (Perth Amboy Anchorage) Area No. 1:</b> Irregular trapezoid bounded approximately by GREEN CAN #3 EBB, YELLOW CAN B EBB and the Ward Point Bend West Reach	Map 14.4, Sheet 1 of 1; 7, 8, 22 May 2018	Irregular	154.2	37		25.5	
<b>Reach U (Perth Amboy Anchorage) Area No. 2:</b> Irregular trapezoid approximately bounded by YELLOW CAN B EBB, YELLOW CAN A EBB, GREEN #55 BUOY W/ LIGHT EBB, GREEN-RED-GREEN BUOY "W" EBB & GREEN LIGHT #53 EBB	Map 14.4, Sheet 1 of 1; 7, 8, 22 May 2018	Irregular	52.3	25		18.0	
<b>Reach U (Perth Amboy Anchorage) Area No. 3:</b> Irregular trapezoid commencing approximately 643 feet northwest of GREEN #55 BUOY W/ LIGHT EBB and extend 662 feet southeast	Map 14.4, Sheet 1 of 1; 7, 8, 22 May 2018	Irregular	1.7	35		39.4	
<b>Reach U (Perth Amboy Anchorage) Area No. 4:</b> Triangle commencing approximately 145 feet southeast of FIXED AID "DAY MARK #1" LIGHTED and continuing towards Turning points 2A CO and 12A	Map 14.4, Sheet 1 of 1; 7, 8, 22 May 2018	Irregular	8.2	35		33.9	

**REMARKS:**

- All reported depths are relative to Mean Lower Low Water (MLLW) datum.
- Channel reach areas are in acres.

**NY & NJ CHANNELS - PERTH AMBOY ANCHORAGE**

- **Reach U (Perth Amboy Anchorage) Area No. 1** – Shoaling exists along the entire anchorage's southwestern boundary and extends approximately 870 feet towards the Ward Point reach. Shoaling exists approximately 800 feet south of FIXED AID "DAY MARK #1" LIGHTED and continues to the northeastern boundary of the area with an approximate width of 1600 feet. The controlling depth of -25.5 feet MLLW exists approximately 240 feet northeast of YELLOW CAN B EBB.
- **Reach U (Perth Amboy Anchorage) Area No. 2** – Shoaling exists in the anchorage's southwestern corner and extends approximately 1,315 feet northwest along the southern toe with an approximate maximum width of 770 feet. Additional shoaling exists approximately 1345 feet from the southwestern corner and extends northwest for approximately 545 feet. Minor shoaling exists at approximately 735 feet southwest of GREEN 55 BUOY W/LIGHT EBB with an approximate width of 185 feet. The controlling depth of -18.0 feet MLLW exists approximately 190 feet north of YELLOW CAN A EBB.
- **Reach U (Perth Amboy Anchorage) Area No. 3** – No shoaling exists in Area No. 3. The controlling depth of -39.4 feet exists at approximately 255 feet southwest of GREEN 55 BUOY W/ LIGHT.
- **Reach U (Perth Amboy Anchorage) Area No. 4** – Shoaling exists in the northeast corner, near turning point 12A, with a maximum width of approximately 470 feet. The controlling depth of -33.9 feet exists at approximately 700 feet northeast of FIXED AID "DAY MARK #1" LIGHTED.

