

**REPORT OF CHANNEL CONDITIONS  
400 FEET WIDE OR GREATER  
(ER 1130-2-306)**

**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:**  
NY & NJ Channels, Arthur Kill Channel from Elizabethport Reach through North of Shooters Island Reach (Channel miles measured from west to east)

**MINIMUM DEPTHS IN  
CHANNEL ENTERING FROM RARITAN BAY**

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nautical miles)	DEPTH (feet)				
<b>Reach D: North of Shooters Island Reach</b> (24.8 – 26.0 statute miles) From approximately 1,000 feet West of Red Nun #20 buoy; Ends approximately 100 feet East of Green Light #17 buoy	Map AK CD Pg 2 & 3 of 4; 22, 27-29 Dec 2006 and 3, 4, & 25 Jan 2007  Pg 4 of 4; 22, 27-29 Dec 2006 and 3, 4, & 30 Jan 2007	550-1,100	1.04	41	42.1	42.7	41.0	40.0
<b>Reach F: Elizabethport Reach</b> (23.8 – 24.8 statute miles) From approximately 800 feet North of the B & O Rail Road Bridge; Ends approximately 1,000 feet West of Red Nun #20 buoy	Map AK CD Pg 1 of 4; 22, 27-29 Dec 2006 and 3 & 4 Jan 2007  Pg 2 of 4; 22, 27-29 Dec 2006 and 3, 4, & 25 Jan 2007	500-675	0.87	41	43.2	43.5	43.5	43.3

**REMARKS:**

- All depths are in reference to Mean Low Water (MLW).
- Authorized project channel length is in nautical miles.

**ARTHUR KILL**

- **Reach D:** Sporadic shoaling above the authorized project depth exists in the right outside quarter of the reach beginning approximately 600 feet East of Red & Green "A" buoy and ending approximately 1,650 feet East of Red & Green "A" buoy.
- **Reach F:** No shoaling above the authorized project depth exists in this entire reach.