

**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, Vicinity of Outerbridge to Seguine Point Bend Reaches

**MINIMUM DEPTHS IN CHANNEL  
 ENTERING FROM SEAWARD**

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 (n. miles)	DEPTH (feet)				
<b>Seguine Point Bend Reach (Reach Q) (Partial)</b> – From a point approx. 600 ft. seaward of GREEN BUOY #31 to a point approx. 1,800 ft. landward of GREEN BUOY #33	Map 1293, Pg 5 of 5; May/Jun/Jul 2007	800 – 600	0.79	35	32.2	34.9	36.9	21.5
<b>Red Bank Reach (Reach P)</b> – From a point approx. 1,800 ft. landward of GREEN BUOY #33 to GREEN BUOY #47	Map 1293, Pgs 4-5 of 5; May/Jun/Jul 2007	600	1.21	35	33.6	41.0	40.6	33.0
<b>Ward Point Bend East Reach (Reach O)</b> – From GREEN BUOY #47 to RED BUOY #56	Map 1293, Pgs 3-4 of 5; May/Jun/Jul 2007	800 - 600	0.96	35	30.5	38.4	36.9	26.4
<b>Ward Point Bend West Reach (Reach N)</b> – From RED BUOY #56 to a point approx. 3,380 ft. landward of RED NUN #60	Map 1293, Pgs 2-3 of 5; May/Jun/Jul 2007	600	1.32	35	35.2	34.5	31.0	30.5
<b>Outerbridge Reach (Reach M) (Partial)</b> – From a point approx. 3,380 ft. landward of RED NUN #60 to a distance approx. 800 ft. landward of Outerbridge Crossing	Map 1284, Pgs 1-2 of 5; May/Jun/Jul 2007	600	0.97	35	33.6	35.5	37.2	33.6

**REMARKS:**

- All depths in MLW.
- Channel length is in nautical miles
- Shoaling by Reaches:
  - **Seguine Point Bend Reach (Reach Q) (Partial):**
    - A 190' wide shoal exists in the left outside ¼, between GREEN BUOY #31 and GREEN BUOY #33, with a minimum depth of 32.2'.
    - A shoal, with a maximum width of 180', exists in the left outside ¼, between GREEN BUOY #33 and the end of Reach Q (1,800' landward of GREEN BUOY #33), with a minimum depth of 33.8'.
    - Several narrow-strip shoals exist along the right channel line.
  - **Red Bank and Ward Point Bend East Reaches (Reaches P and O):**  
 There are several narrow-strip shoals along the right and left channel lines throughout these reaches.
  - **Ward Point Bend West Reach (Reach N):**  
 A shoal, 5,400' long with a minimum depth of 30.5', exists from RED BUOY #56 to a distance approx 1,400 ft. landward of RED NUN #60 with a width of 300 ft (the right half of the channel) over most of the length of the shoal.
  - **Outerbridge Reach (Partial) (Reach M):**  
 There are minor small-spot shoals exist along the right and left channel lines.