

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

**PAGE** 1 **OF** 1

**DATE** December 6, 2007

**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 Harbor – Sandy Hook Channel, New York

**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>Reach A:</b> East Section Reach Begins in deep water in New York Harbor approximately 6,240 feet seaward of GREEN LIGHT W/BELL #1; ends approximately 200 feet landward of GREEN LIGHT W/GONG #11.	Map 149 Pg 3 thru 7 of 7; 6, 14, 19 & 29 Sept 2007	800-2,155	4.5	35	34.6	39.9	38.9	31.5
<b>Reach B:</b> Bayside Reach Begins approximately 200 feet landward of GREEN LIGHT W/GONG #11; ends at junction with Main Ship Channel at GREEN LIGHT #1.	MAP 149 Pg 1 thru 3 of 7; 7, 8, 14, 19 & 20 Sept 2007	800	2.3	35	14.4	38.6	37.5	32.5

**REMARKS:**

All depths in MLW.

Channel length in nautical miles.

**Reach A:** East Section Reach

- **Along the right channel line** - A 8,300 ft. shoal with maximum width of 150' and minimum depth of 31.5', from a point approximately 2,000' seaward of RED LIGHT W/BELL # 4 to a point approximately 1,600' landward of RED LIGHT #6.

**Reach B :** Bayside Reach

- **Along the right channel line**
  - Two minor adjacent shoals with a total length of approximately 900' exist between RED LIGHT W/BELL #16 and RED LIGHT W/BELL #18.
  - A shoal with maximum width of 140' and minimum depth of 32.5' starting from RED LIGHT #20 and continues landward for approximately 2,600 ft.
- **Alone the left channel line**
  - Three adjacent shoals, with maximum width of 180' and minimum depth of 14.4', starting from a point approximately 500' landward of GREEN LIGHT W/GONG #13 and continues landward for approximately 1,900'.
  - Two minor shoals, one with a maximum width of 80' at the vicinity of GREEN/RED LIGHT JUNCTION TC and the other with a maximum width of 60' at GREEN LIGHT #1.