

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

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

**DATE** April 3, 2012

**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:**  
Hudson River Channel, Edgewater-Weehawken, NY

**MINIMUM DEPTHS IN  
CHANNEL ENTERING FROM SEAWARD**

NAME OF CHANNEL	MAP FILE NO. SURVEY DATE	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)				
<b>REACH "G":</b> Commence from a point approximately opposite pier 98 (W58 Street, Manhattan, NYC) to a point approximately opposite W75 Street, Manhattan. (5.2 – 6.1 statute miles)	Map 268 P 1 of 4 04 OCT 11 thru 13 FEB 2012	715	0.72	30	20.8	34.3	36.6	38.1
<b>REACH "H":</b> Commence from a point approximately opposite W75 Street, Manhattan to a point approximately opposite W107 Street, Manhattan. (6.1 – 7.6 statute miles)	Map 268 P 1 thru 2 Of 4 04 OCT 11 thru 13 FEB 2012	750	1.37	30	24.5	28.2	30.1	30.8
<b>REACH "I":</b> Commence from Ford Dock (approximately opposite W107 Street, Manhattan) to Ameranda Hess Oil Terminal Wharf, approximately opposite W122 Street, Manhattan. (7.6 – 8.3 statute miles)	Map 268 P 2 thru 3 Of 4 04 OCT 11 thru 13 FEB 2012	750	0.61	30	14.3	21.0	23.6	26.1
<b>REACH "J":</b> Commence from Ameranda Hess Oil Terminal Wharf (approx. opposite W122 Street, Manhattan) to a point approximately opposite of the New York City Department of Sanitation Marine Transfer Station, Barge Slip (W135 Street). (8.34 – 9.0 statute miles)	Map 268 P 3 thru 4 Of 4 04 OCT 11 thru 13 FEB 2012	750	0.58	30	15.4	17.5	20.2	23.5
<b>REACH "K":</b> Commence from the New York City Department of Sanitation Marine Transfer Station, Barge Slip (W135 Street) to a point opposite W156 Street, Manhattan. (9.0 – 10.2 statute miles)	Map 268 P 4 of 4 04 OCT 11 thru 13 FEB 2012	750	1.0	30	16.8	19.7	21.9	24.2

**REMARKS:**

- All depths are in Mean Lower Low Water (MLLW).
- Coordinates Referencing Long Island Lambert System (NAD 1983)
- Channel Length in Nautical Miles

**Reach G:** Shoaling exists throughout the left outside quarter of the reach, extending approximately 100 feet into the channel.

**Reach H:** Shoaling begins approximately 3,800 feet landward of W75th Street and extends 4,400 feet landward into Reach I, extending across the left outside quarter and 130 feet into the left inside quarter.

**Reach I:** Shoaling exists throughout the majority of the reach, beginning on the left outside quarter and eventually extending across the entire channel width.

**Reach J:** Shoaling exists across the entire channel width in the reach.

**Reach K:** Shoaling extends across the entire channel beginning at W135th Street and begins to taper to the left outside reach at approximately 1,400 feet landward, ending 400 feet landward of the beginning of the reach.

An obstruction with approximate dimensions of 30' X 85' and a minimum elevation of 32.6 MLW appears just seaward of the channel limits.