

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

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

**DATE** June 30, 2008

**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 40-FOOT DEPTH, NY, NJ

**MINIMUM DEPTHS IN  
CHANNEL ENTERING FROM SEAWARD**

| NAME OF REACH  | 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) |                             |                            |                             |                              |
| <u>Reach: B (New Jersey)</u><br>Commencing at the entrance (off Ellis Island) and continues up to Weehawken NJ, opposite Pier No. 80 in NY, around W. 40 <sup>th</sup> Street.   | Map 247 p.1 thru 4 of 5<br>3,11,12,18 Oct2007 & 1,6,7,11,13, 14,19,20,26 ,27 Feb 2008 | Varies (200-850)   | 4.2              | 40           | 23.0                        | 27.5                       | 30.1                        | 34.3                         |
| <u>Reach: C (New York)</u><br>Commencing at the entrance (off Ellis Island) and continues until Pier No. 80, around W. 40 <sup>th</sup> Street.  | Map 247 p.1 thru 4 of 5<br>3,11,12,18 Oct2007 & 1,6,7,11,13, 14,19,20,26 ,27 Feb2008  | Varies (500-1,000) | 4.0              | 40           | 40.8                        | 37.4                       | 30.1                        | 19.0                         |
| <u>Reach: E (New Jersey)</u><br>Commencing at Weehawken NJ, opposite Pier No. 80 in NY, around W. 40 <sup>th</sup> Street and continues up to Weehawken NJ, opposite Pier No. 99 in NY, around W. 59 <sup>th</sup> Street. | Map 247 p.4 thru 5 of 5<br>3,11,12,18 Oct2007 & 1,6,7,11,13, 14,19,20,26 ,27 Feb 2008 | Varies (250-750)   | 0.74             | 40           | 14.6                        | 33.8                       | 42.6                        | 44.4                         |
| <u>Reach: F (New York)</u><br>Commencing at Pier No. 80, around W. 40 <sup>th</sup> Street, and continues north around W. 59 <sup>th</sup> Street.   | Map 247 p.4 thru 5 of 5<br>3,11,12,18 Oct2007 & 1,6,7,11,13, 14,19,20,26 ,27 Feb 2008 | Varies (50-600)    | 0.78             | 40           | 41.1                        | 37.1                       | 31.4                        | 20.1                         |

**REMARKS:**

- All depths are in Mean Low Water (MLW)
- Channel Length – Nautical Miles
- Hudson River 40-Foot Depth Channel, NY  
Reaches C & F: A major shoal begins in the Right Outside Quarter about 3200 ft. landward of the channel entrance around Battery Park City (Manhattan) and continues up to Pier No. 40, W. Houston Street, before it advances into the Right Inside Quarter and continues up to W. 37<sup>th</sup> Street where it advances into the Left Inside Quarter and continues throughout Reach C and Reach F.
- Hudson River 40 Foot Depth Channel, NJ  
Reaches B & E: A major shoal begins at the entrance (around Ellis Island) and occupies the entire width of the Channel for about ¾ n-miles before it gradually shifts to the Left Half of the channel & continue throughout the remaining Reaches B & E.