

REPORT OF CHANNEL CONDITIONS (FOR CHANNELS 400 FEET WIDE OR GREATER)							PAGE 1 OF 3 PAGES	
							DATE: 24 April 2025	
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, New York					MINIMUM DEPTHS IN EACH ¼ WIDTH OF CHANNEL ENTERING FROM SEAWARD			
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (LOQ) (feet)	MID-CHANNEL		RIGHT OUTSIDE QUARTER (ROQ) (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)		LEFT INSIDE QUARTER (LIQ) (feet)	RIGHT INSIDE QUARTER (RIQ) (feet)	
Reach A (Center): Commences at the entrance of the channel at the junction with Anchorage Channel (adjacent to Governors Island) and continues to the approximate location of W.40 th St in NYC.	File No. 5541/D; Pgs. 2-8 of 15; 23, 30 Jan.; 12, 25 Feb.; & 04-31 Mar. 2025	2,000	4.42	45	35.2	44.1	43.2	44.2
Reach B (New Jersey): Commences approximately 1,400 feet landward of the commencement of Reach A and continues to a point at the approximate location of W.40 th St in NYC.	File No. 5541/D; Pgs. 2-8 of 15; 23, 30 Jan.; 12, 25 Feb.; & 04-31 Mar. 2025	215 – 850	3.74	40	20.4	25.9	28.3	31.7
Reach C (New York): Commences approximately 2,230 feet landward of the commencement of Reach A at the junction with the East River and continues to a point at the approximate location of W.40 th St in NYC.	File No. 5541/D; Pgs. 2-8 of 15; 23, 30 Jan.; 12, 25 Feb.; & 04-31 Mar. 2025	487 - 1,000	4.01	40	41.3	38.5	29.6	11.0
Reach D (Center): Commences at the approximate location of W.40 th St in NYC, and continues to the approximate location of Pier No. 99 around W.59 th St.	File No. 5541/D; Pgs. 8-9 of 15; 23, 30 Jan.; 12, 25 Feb.; & 04-31 Mar. 2025	2,000	0.87	48	46.9	51.6	44.4	24.8
Reach E (New Jersey): Commences at the approximate location of W.40 th St in NYC, and continues to a point at the approximate location of Pier No. 99 in NYC around W.59 th St.	File No. 5541/D; Pgs. 8-9 of 15; 23, 30 Jan.; 12, 25 Feb.; & 04-31 Mar. 2025	265 - 775	0.86	40	13.9	31.9	43.0	45.1
Reach F (New York): Commences at the approximate location of W.40 th St in NYC, and continues to a point at the approximate location of Pier No. 99 in NYC around W.59 th St.	File No. 5541/D; Pgs. 8-9 of 15; 23, 30 Jan.; 12, 25 Feb.; & 04-31 Mar. 2025	50 - 317	0.85	40	80% OF CHANNEL WIDTH			
					18.0			
Reach G: Commences at the approximate location of Pier No. 99 in NYC around W.59 th St and continues to a point located approximately opposite W.75 th St in NYC.	File No. 5541/D; Pgs. 9-10 of 15; 23, 30 Jan.; 12, 25 Feb.; & 04-31 Mar. 2025	750	0.72	30	18.0	31.8	34.2	37.2
Reach H: Commences at a point located approximately opposite W.75 th St in NYC and continues to a point located approximately 8,400 feet landward of the beginning of the reach (in the approximate vicinity of opposite W.107 th St in NYC).	File No. 5541/D; Pgs. 10-11 of 15; 23, 30 Jan.; 12, 25 Feb.; & 04-31 Mar. 2025	750	1.38	30	20.8	26.5	28.1	30.0

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RIVER/HARBOR NAME AND STATE: Hudson River Channel, New York						MINIMUM DEPTHS IN EACH ¼ WIDTH OF CHANNEL ENTERING FROM SEAWARD		
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MID-CHANNEL		RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)		LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	
Reach I: Commences at a point located in the approximate vicinity of opposite W.107 th St in NYC and continues to the approximate location of the Ameranda Hess Oil Terminal Wharf (in the approximate vicinity of opposite W.122 nd St in NYC).	File No. 5541/D; Pgs. 11-12 of 15; 23, 30 Jan.; 12, 25 Feb.; & 04-31 Mar. 2025	750	0.61	30	11.0	19.8	22.7	25.1
Reach J: Commences at the approximate location of the Ameranda Hess Oil Terminal Wharf (in the approximate vicinity of opposite W.122 nd St in NYC) and continues to a point located approximately opposite the New York City Department of Sanitation Marine Transfer Station Barge Slip (in the approximate vicinity of opposite W.135 th St in NYC).	File No. 5541/D; Pgs. 12-13 of 15; 23, 30 Jan.; 12, 25 Feb.; & 04-31 Mar. 2025	750	0.57	30	13.9	16.9	19.8	22.7
Reach K: Commences at a point located approximately opposite the New York City Department of Sanitation Marine Transfer Station Barge Slip (in the approximate vicinity of opposite W.135 th St in NYC) and continues to approximately opposite W.156 th St in NYC.	File No. 5541/D; Pgs. 13-14 of 15; 23, 30 Jan.; 12, 25 Feb.; & 04-31 Mar. 2025	750	0.97	30	16.8	19.5	22.4	23.9
REMARKS: <ul style="list-style-type: none"> All reported depths are relative to the Mean Lower Low Water (MLLW) datum. Channel reach lengths are in nautical miles. 								
Hudson River Channel								
Reach A: <ul style="list-style-type: none"> Sporadic shoaling exists throughout this reach. In addition, shoaling exists in the Left Outside Quarter at the beginning of this reach. The controlling depth of -35.2 feet MLLW exists in the Left Outside Quarter at approximately 2,960 feet landward of the start of the reach. 								
Reach B: <ul style="list-style-type: none"> Shoaling exists from the beginning of this reach across all four quarters, before tapering to edge shoaling in the Left Outside Quarter. The controlling depth of -20.4 feet MLLW exists in the Left Outside Quarter at approximately 7,150 feet seaward of the end of this reach. 								
Reach C: <ul style="list-style-type: none"> While project depth is available in the Left Outside Quarter for this entire reach, sporadic shoaling exists throughout the Left Inside, Right Inside, and Right Outside Quarters of this reach. Much of the shoaling exists along the Right Outside Quarter extending into the Right Inside Quarter of this reach. The controlling depth of -11.0 feet MLLW exists in the Right Outside Quarter at approximately 3,985 feet seaward of the end of this reach. 								
Reach D: <ul style="list-style-type: none"> While project depth is available in the Left Inside Quarter for this entire reach, shoaling exists in the Right Outside and Left Outside Quarters at the beginning of this reach. Much of the shoaling exists in the Right Outside Quarter extending into the Right Inside Quarter of this reach. The controlling depth of -24.8 feet MLLW exists in the Right Outside Quarter at approximately 3,870 feet seaward of the end of this reach. 								
Reach E: <ul style="list-style-type: none"> Shoaling exists in the Left Outside Quarter for the entire length of this reach, and extends into the Left Inside Quarter for a portion of this reach. The controlling depth of -13.9 feet MLLW exists in the Left Outside Quarter at approximately 790 feet seaward of the end of this reach. 								

Reach F:

- Shoaling exists throughout much of this reach.
- The controlling depth of -18.0 feet MLLW exists at approximately 1,660 feet seaward of the end of this reach.

Reach G:

- Shoaling exists along the channel's toe in the Left Outside Quarter for the entire length of this reach.
- The controlling depth of -18.0 feet MLLW exists in the Left Outside Quarter, along the channel's toe, at a point approximately 145 feet landward of the beginning of this reach.

Reach H:

- Much of the shoaling exists in the second half of this reach, in the Left Outside and Left Inside Quarters with sporadic shoaling throughout the Right Inside Quarter of this reach.
- The controlling depth of -20.8 feet MLLW exists in the Left Outside Quarter, along the channel's toe, at approximately the very end of this reach

Reach I:

- Shoaling exists channel wide throughout much of this reach.
- The controlling depth of -11.0 feet MLLW exists in the Left Outside Quarter, along the channel's toe, at a point approximately 415 feet seaward of the end of this reach.

Reach J:

- Shoaling exists across the channel's entire width throughout the entire length of this reach.
- The controlling depth of -13.9 feet MLLW exists in the Left Outside Quarter approximately 1,100 feet landward of the start of this reach.

Reach K:

- Shoaling exists in approximately the beginning half of this reach across the channel's width and then begins to taper, with authorized project depth becoming available across the channel's entire width.
- The controlling depth of -16.8 feet MLLW exists in the Left Outside Quarter near the channel's toe, approximately at the beginning of this reach.