

REPORT OF CHANNEL CONDITIONS 400 FEET WIDE OR GREATER					PAGE	1	OF	2
					DATE	25 March 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: East River, Battery to Throgs Neck Bridge, 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)				
Reach A: Starts approximately 1,635 feet landward of RED #2 W/LIGHT EBB to approximately 1,725 feet seaward of the Brooklyn Bridge	File 5507/D Sheet 2 of 12 14,18-21,25,27 Nov 2024 17,30 Dec 2024 2,7,8 Jan 2025	1,000-1,890	0.92	40	36.6	38.9	39.5	36.3
Reach B: From approximately 1,725 feet seaward of the Brooklyn Bridge to approximately 440 feet landward from the Manhattan Bridge	File 5507/D Sheets 2 & 3 of 12 14,18-21,25,27 Nov 2024 17,30 Dec 2024 2,7,8 Jan 2025	1,000-1,380	0.67	40	14.9	45.5	40.1	35.9
Reach C: From approximately 440 feet landward from the Manhattan Bridge to approximately 600 feet seaward of the Williamsburg Bridge	File 5507/D Sheet 3 of 12 14,18-21,25,27 Nov 2024 17,30 Dec 2024 2,7,8 Jan 2025	1,000-1,270	0.82	40	30.2	40.6	39.9	37.0
Reach D: From approximately 600 feet seaward of the Williamsburg Bridge to approximately 875 feet seaward of GREEN RED GREEN "B" EBB.	File 5507/D Sheets 3-5 of 12 14,18-21,25,27 Nov 2024 17,30 Dec 2024 2,7,8 Jan 2025	900	1.82	35	35.8	35.7	34.3	34.3
Reach E: From approximately 875 feet seaward of GREEN RED GREEN "B" EBB to approximately 500 feet landward of Roosevelt Island.	File 5507/D Sheets 5-7 of 12 14,18-21,25,27 Nov 2024 17,30 Dec 2024 2,7,8 Jan 2025	550-1,000	2.49	35	26.6	40.3	35.6	25.8
Reach F: From approximately 500 feet landward of Roosevelt Island to approximately 1,230 feet landward of Hell Gate Bridge.	File 5507/D Sheet 7 of 12 14,18-21,25,27 Nov 2024 17,30 Dec 2024 2,7,8 Jan 2025	650-850	1.23	35	23.1	36.1	33.1	24.3
Reach G: From approximately 1230 feet landward of Hell Gate Bridge to approximate location of GREEN CAN #7 EBB.	File 5507/D Sheets 7 & 8 of 12 14,18-21,25,27 Nov 2024 17,30 Dec 2024 2,7,8 Jan 2025	795-1,100	1.60	35	29.6	35.2	35.4	29.1
Reach H: From approximate location of GREEN CAN #7 EBB to approximate location of GREEN CAN #1A EBB.	File 5507/D Sheets 8-11 of 12 14,18-21,25,27 Nov 2024 17,30 Dec 2024 2,7,8 Jan 2025	1,000	3.58	35	32.6	36.2	34.4	24.8
Reach I: From approximate location of GREEN CAN #1A EBB to approximately 800 feet landward of RED NUN #2 EBB.	File 5507/D Sheets 11-12 of 12 14,18-21,25,27 Nov 2024 17,30 Dec 2024 2,7,8 Jan 2025	1,000	1.63	35	37.3	36.5	37.2	32.7
Reach J: From the south end of the channel at the mouth of Newton Creek to approximately 600 feet seaward of Queensboro Bridge	File 5507/D Sheets 5 & 6 of 12 14,18-21,25,27 Nov 2024 17,30 Dec 2024 2,7,8 Jan 2025	500-2,475	1.22	30	26.4	27.7	22.9	21.6
Reach K: Irregular Area from approximately 600 feet seaward of Williamsburg Bridge to the UN International School (Manhattan)	File 5507/D Sheets 4 & 5 of 12 14,18-21,25,27 Nov 2024 17,30 Dec 2024 2,7,8 Jan 2025	175-1,040	1.44	25	23.5			

REMARKS:

- All reported depths are relative to the Mean Lower Low Water (MLLW) datum.
- Channel reach lengths are in nautical miles.

EAST RIVER, BATTERY TO THROGS NECK BRIDGE

- **Reach A:**
 - Spot shoaling exists sporadically in all four quarters of this reach.
 - The controlling depth of -36.3 feet MLLW exists in the Right Outside Quarter approximately 2,760 feet landward from RED #2 W/LIGHT EBB.
- **Reach B:**
 - Shoaling exists intermittently in the Left and Right Outside Quarters of this reach.
 - The controlling depth of -14.9 feet MLLW exists along the channel toe of the Left Outside Quarter just landward of the Brooklyn Bridge.
- **Reach C:**
 - Intermittent spot shoaling exists in the Left and Right Outside Quarters of this reach.
 - The controlling depth of -30.2 feet MLLW exists along the channel toe of the Left Outside Quarter at the beginning of the Reach.
- **Reach D:**
 - The controlling depth of -34.3 feet MLLW exists in the Right Inside and Outside Quarters of the reach, in the vicinity of the junction between East River and Newtown Creek.
- **Reach E:**
 - Edge shoaling exists intermittently along the channel's toe in the Left Outside Quarter and the Right Outside Quarter, towards the latter part of this reach.
 - The controlling depth of -25.8 feet MLLW exists along channel toe of the Right Outside Quarter approximately 385 feet seaward from Channel Coordinate "42".
- **Reach F:**
 - The controlling depth of -23.1 feet MLLW exists in Left Outside Quarter along the channel's toe, beneath the Robert F. Kennedy Bridge.
- **Reach G:**
 - The controlling depth of -29.1 feet MLLW exists at the channel toe of the Left Outside Quarter approximately 770 feet landward from the beginning of the Reach.
- **Reach H:**
 - Edge shoaling exists along the channel toe of the Left Outside Quarter approximately halfway through the reach.
 - Edge shoaling exists intermittently along the channel toe of the Right Outside Quarter throughout much of this reach.
 - The controlling depth of -24.8 feet MLLW exists along the channel toe of the Right Outside Quarter at the approximate location of channel coordinate "33".
- **Reach I:**
 - The controlling depth of -32.7 feet MLLW exists along the channel toe of the Right Outside Quarter at the end of this reach.
- **Reach J:**
 - The controlling depth of -21.6 feet MLLW exists in the Right Outside Quarter at the end of the Reach.
- **Reach K:**
 - The controlling depth of -23.5 feet MLLW exists approximately 1,045 feet seaward of the end of this reach.