

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE					PAGE	1 OF 2	PAGES
					DATE:	30 June 2020	
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: Shrewsbury River, New Jersey					MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD		
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)			
<b>Reach A: Bay to Highlands:</b> Begins in Sandy Hook Bay approximately 155 feet landward of GREEN BUOY #3 W/LIGHT EBB; Ends approximately 1,705 feet seaward of RED NUN #12 FLOOD.	File No. 4950/N2; pgs 1 - 5 of 26; 14, 15, 18-22, 26-29 May, and 1-5 June 2020	300-415	1.83	12	1.4	5.6	4.9
<b>Reach B: Junction of North and South Branch:</b> Begins approximately 1,705 feet seaward of RED NUN #12 FLOOD; Ends at the junction between the North and South Branches, approximately 575 feet seaward of RED NUN #2 EBB.	File No. 4950/N2; pg 5 -6 of 26; 14, 15, 18-22, 26-29 May, and 1-5 June 2020	150	0.42	9	12.3	11.5	10.0
<b>Reach C: Buoy #38:</b> Begins at junction between the North and South Branches of the project approximately 575 feet seaward of RED NUN #2 EBB; Ends approximately 65 feet landward of RED NUN W/LIGHT #38 FLOOD.	File No. 4950/N2; pgs 5-6 and 16-22 of 26; 14, 15, 18-22, 26-29 May, and 1-5 June 2020	150 - 620	3.60	9	5.3	5.1	6.0
<b>Reach D: Sands Point:</b> Begins approximately 65 feet landward of RED NUN W/LIGHT #38 FLOOD; Ends approximately 15 feet landward of RED NUN #40 W/LIGHT EBB.	File No. 4950/N2; pgs 22-23 of 26; 14, 15, 18-22, 26-29 May, and 1-5 June 2020	150	0.49	9	6.7	7.0	3.3
<b>Reach E: Pleasure Bay Bridge:</b> Begins at approximately 15 feet landward of RED NUN #40 W/LIGHT EBB; Ends at Pleasure Bay Bridge.	File No. 4950/N2; pgs 23-24 of 26; 14, 15, 18-22, 26-29 May, and 1-5 June 2020	150-230	0.65	9	6.3	7.0	4.6

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<b>Reach F: Upstream Project Limit:</b> Begins at Pleasure Bay Bridge; Ends at approximately 865 feet landward of GREEN CAN #49 EBB at the upstream limit of the project.	File No. 4950/N2; pgs 24-25 of 26; 14, 15, 18-22, 26-29 May, and 1-5 June 2020	150-260	0.75	9	1.1	0.8	0.4
<b>Reach G: Oceanic Bridge:</b> Begins at the junction between the North and South Branches approximately 575 feet seaward of RED NUN #2 EBB; Ends at Oceanic Bridge.	File No. 4950/N2; pgs 6-9 of 26; 14, 15, 18-22, 26-29 May, and 1-5 June 2020	150-230	1.85	6	1.5	2.2	1.2
<b>Reach H: Red Bank:</b> Begins at Oceanic Bridge; Ends approximately 325 feet landward of RED NJ MARKER EBB.	File No. 4950/N2; pgs 9-15 of 26; 14, 15, 18-22, 26-29 May, and 1-5 June 2020	150-270	3.20	6	2.9	3.7	4.2

**REMARKS:**

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

**SHREWSBURY RIVER**

- **Reach A:** Scattered shoaling exists throughout this reach extending throughout the entire channel width. The controlling depth of -1.4 feet MLLW exists in the Left Outside Quarter at approximately 315 feet seaward of GREEN BUOY #5 W/LIGHT EBB.
- **Reach B:** No shoaling exists in this reach. The controlling depth of -10.0 feet MLLW exists in the Right Outside Quarter at approximately 195 feet seaward of RED NUN #12 FLOOD.
- **Reach C:** Scattered shoaling exists throughout this reach extending across the entire channel width. The controlling depth of -5.1 feet MLLW exists in the Middle Half at approximately 100 feet seaward of RED-GREEN BUOY W/ LIGHT "NS" FLOOD.
- **Reach D:** Shoaling exists throughout this reach, extending across much of the channel. The controlling depth of -3.3 feet MLLW exists in the Right Outside Quarter at approximately 170 feet seaward of RED NUN #40 W/LIGHT EBB.
- **Reach E:** Shoaling exists throughout this reach, extending across the entire channel width. The controlling depth of -4.6 feet MLLW exists in the Right Outside Quarter at approximately 80 feet landward of the beginning of this reach.
- **Reach F:** Shoaling exists throughout this entire reach, extending across the entire channel width. The controlling depth of -0.4 feet MLLW exists in the Right Outside Quarter at approximately 60 feet seaward of the end of this reach.
- **Reach G:** Scattered shoaling exists throughout this reach, extending across the entire channel width. The controlling depth of -1.2 feet MLLW exists in the Right Outside Quarter at approximately 110 feet landward of GREEN CAN #15 EBB.
- **Reach H:** Shoaling exists towards the end of the reach, extending across the channel's width. The controlling depth of -2.9 feet MLLW exists in the Left Outside Quarter at approximately 35 feet seaward of the end of this reach.