

**REPORT OF CHANNEL CONDITIONS  
100 TO 400 FEET WIDE**

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**DATE** 02 August 2022

**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:**  
Shoal Harbor and Compton Creek, 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:</b> Begins at Sandy Hook Bay approximately 120 feet seaward of RED NUN #2 FLOOD; Ends approximately 360 feet landward of GREEN #9 W/LIGHT EBB.	File No. 5184; Pg 1-3 of 3; 23 May, 6, 7, 9, 14 June 2022	150	1.09	12	6.4	+0.3	+2.5
					<b>80% OF CHANNEL WIDTH (feet)</b>		
<b>Reach B:</b> Begins approximately 360 feet landward of GREEN #9 W/LIGHT EBB; Ends at channel's first hard bend where the 8-foot project depth begins approximately 1,000 feet landward of the beginning of this reach.	File No. 5184; Pg 1 of 3; 23 May, 6, 7, 9, 14 June 2022	150 – 75	0.18	12		0.4	
<b>Reach C:</b> Begins at channel's first hard bend where the 8-foot project depth begins; Ends approximately 1,040 feet landward of the beginning of this reach.	File No. 5184; Pg 1 of 3; 23 May, 6, 7, 9, 14 June 2022	75 – 50	0.19	8		0.3	

**REMARKS:**

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

**SHOAL HARBOR and COMPTON CREEK**

- **Reach A:** Shoaling begins in the Right Outside and Left Outside Quarter, encroaching into the Middle Half and extending across the channel towards Reach B. The controlling depth of +2.5 feet MLLW exists in the Right Outside Quarter at approximately the end of this reach.
- **Reach B:** Shoaling exists across the majority of this reach. The controlling depth of -0.4 feet MLLW exists approximately 35 feet landward of the beginning of this reach.
- **Reach C:** Shoaling exists across the majority of this reach. The controlling depth of -0.3 feet MLLW exists approximately 35 feet seaward of the end of this reach.