

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

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DATE 03 June 2024

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)			
Reach A: Begins at Sandy Hook Bay approximately 45 feet seaward of RED NUN #2 EBB and ends approximately 360 feet landward of GREEN #9 W/LIGHT EBB.	File No. 5441/N3 Pg 2 - 4 of 4 22 & 23 May 2024	150	1.09	12	10.6	11.6	10.3
					80% OF CHANNEL WIDTH (feet)		
Reach B: Begins approximately 360 feet landward of GREEN #9 W/LIGHT EBB and 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. 5441/N3 Pg 2 of 4 22 & 23 May 2024	150 – 75	0.18	12	10.3	11.7	4.0
Reach C: Begins at channel's first hard bend where the 8-foot project depth begins and ends approximately 1,040 feet landward of the beginning of this reach.	File No. 5441/N3 Pg 2 of 4 22 & 23 May 2024	75 – 50	0.19	8	3.1	3.8	7.5

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:** Edge shoaling exists across the Left Outside Quarter and the Right Outside Quarter and occasionally encroaches into the Middle Half 365 feet seaward of GREEN W/LIGHT #9 EBB. The controlling depth of -10.3 feet MLLW exists in the Right Outside Quarter at approximately the end of this reach.
- **Reach B:** Shoaling exists in all quarters in the landward half of the reach. The controlling depth of -4.0 feet MLLW exists in the Left Outside Quarter at approximately 525 feet landward of the beginning of this reach.
- **Reach C:** Shoaling exists in all quarters in the landward half of the reach. The controlling depth of -3.1 feet MLLW exists in the Left Outside Quarter at approximately 540 feet seaward of the end of this reach.