

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE					PAGE 1 OF 1		
					DATE 18 June 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: 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 80 feet seaward of NUN #2 EBB, and ends approximately 335 feet landward of GREEN #9 W/LIGHT EBB.	File No. 5585/N2 Pgs. 2 - 4 of 4; 13 May 2025	150	1.09	12	9.1	9.5	2.6
					80% OF CHANNEL WIDTH (feet)		
Reach B: Begins approximately 335 feet landward of GREEN #9 W/LIGHT EBB, and ends at channel's first hard bend where the 8-foot project depth begins approximately 1,100 feet landward of the beginning of this reach.	File No. 5585/N2 Pg. 2 of 4; 13 May 2025	150 – 75	0.18	12	10.0	10.2	2.4
Reach C: Begins at channel's first hard bend where the 8-foot project depth begins, and ends approximately 1,175 feet landward of the beginning of this reach.	File No. 5585/N2 Pg. 2 of 4; 13 May 2025	75 – 50	0.19	8	3.8	3.5	5.6

REMARKS:

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

SHOAL HARBOR and COMPTON CREEK

- Reach A:** Shoaling exists in the Right Outside Quarter and some edge shoaling exists sporadically in the Left Outside Quarter, beginning approximately 640 feet landward of NUN #2 EBB. At the approximate location of NUN #8 EBB, shoaling extends across the entire width of the channel and continues to the end of this reach. The controlling depth of -2.6 feet MLLW exists in the Right Outside Quarter, along the toe of the channel, at approximately the end of this reach.
- Reach B:** Shoaling exists across the entire width of the channel for portions of this reach, amongst stretches of channel where authorized depth is available. The controlling depth of -2.4 feet MLLW exists in the Right Outside Quarter, along the toe of the channel, at approximately the beginning of this reach.
- Reach C:** Shoaling exists across the entire width of the channel for portions of this reach, amongst stretches of channel where authorized depth is available. The controlling depth of -3.5 feet MLLW exists in the middle portion of the channel at the very end of this reach.