

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE					PAGE 1 OF 1		
					DATE 17 July 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: 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 125 feet seaward of RED NUN #2 FLOOD; Ends approximately 385 feet landward of GREEN CAN #9 FLOOD.	File No. 4962/AL; Pg 1- 3 of 3; 19, 29 June 2020	150	1.09	12	7.5	7.9	+1.4
					80% OF CHANNEL WIDTH (feet)		
Reach B: Begins approximately 385 feet landward of GREEN CAN #9 FLOOD; 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. 4962/AL; Pg 3 of 3; 19, 29 June 2020	150 – 75	0.18	12		8.2	
Reach C: Begins at channel's first hard bend where the 8 foot project depth begins; Ends approximately 1,175 feet landward of the beginning of this reach.	File No. 4962/AL; Pg 3 of 3; 19, 29 June 2020	75 – 50	0.19	8		1.8	

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 in the Left Outside Quarter and the Right Outside Quarter and extends channel wide at the approximate location of GREEN CAN #9 FLOOD. The controlling depth of +1.4 feet MLLW exists in the Right Outside Quarter at approximately 25 feet seaward from the end of this reach.
- Reach B:** Shoaling exists across the channel for the majority of the reach. The controlling depth of -8.2 feet MLLW exists in the Middle 80% at approximately 495 feet landward from the beginning of this reach.
- Reach C:** Shoaling exists across the channel for the majority of the reach. The controlling depth of -1.8 feet MLLW exists in the Middle 80% at approximately 70 feet seaward from the end of this reach.