

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE (ER 1130-2-306)					PAGE	1	OF	1
					DATE	September 4, 2011		
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 70 feet seaward of RED NUN #2; Ends approximately 300 feet landward of GREEN CAN #9.	Map 143 Pg 1, 2, & 3 of 3; 29-30 June & 6 July 2011	150	1.09	12	6.0	5.9	+2.7	
						80% OF CHANNEL WIDTH (feet)		
Reach B: Begins approximately 300 feet landward of GREEN CAN #9; Ends at channel's first hard bend right where the 8 foot project depth begins approximately 1,085 feet landward of GREEN CAN #9.	Map 143 Pg 3 of 3; 29-30 June & 6 July 2011	150 - 75	0.18	12		+0.9		
Partial Reach C: Begins at channel's first hard bend where the 8 foot project depth begins approximately 1,085 feet landward of GREEN CAN #9; Ends at Main St. Bridge approximately 1,160 feet landward of the beginning of the reach.	Map 143 Pg 3 of 3; 29-30 June & 6 July 2011	75 - 50	0.19	8		+0.8		
REMARKS:								
<ul style="list-style-type: none"> All depths in MLLW. Channel length is in nautical miles. Reach A: Right Outside Quarter shoaling starts at the seaward end of this channel, abeam RED NUN #2 and continues along the entire reach. The Left Outside Quarter shoaling begins approximately 150 feet landward of GREEN LIGHT #1 and continues for the rest of the reach. Intermittent shoaling in the Middle Half of the Channel is present from the beginning of the reach proceeding to 700 feet landward of GREEN CAN #3 and Project Depth is not attained for the remainder of the reach. The controlling depths for each portion of this reach can be found within 400 feet either side of RED NUN #8. Reach B: The majority of the reach is shoaled. The controlling depth for the middle 80 percent of the channel occurs along the right side approximately 350 feet landward of the beginning of the reach. Partial Reach C: Channel wide shoaling starts approximately 150 feet landward of the beginning of the reach and extends to the Main Street bridge at the end of this partial reach. 								