

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE					PAGE	1	OF	2
					DATE	July 24, 2015		
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 90 feet seaward of REDNUN #2 FLOOD; Ends approximately 1110 feet landward of RED NUN #8.	Map 148 Pg 1, 2 & 3 of 3; 21, 26 & 27 May 2015	150	1.09	12	12.1	10.6	6.2	
						80% OF CHANNEL WIDTH (feet)		
Reach B: Begins approximately 1110 feet landward of RED NUN #8; Ends at channel's first hard bend where the 8 foot project depth begins approximately 2,200 feet landward of RED NUN #8.	Map 148 Pg 3 of 3; 21, 26 & 27 May 2015	150 – 75	0.18	12		11.9		
Partial Reach C: Begins at channel's first hard bend where the 8 foot project depth begins approximately 2,200 feet landward of RED NUN #8; Ends approximately 1,160 feet landward of the beginning of the reach.	Map 148 Pg 3 of 3; 21, 26 & 27 May 2015	75 – 50	0.19	8		6.0		
REMARKS:								
<ul style="list-style-type: none"> All depths are relative to Mean Lower Low Water. Channel reach lengths are in nautical miles. Vessel obstructions at the time of survey impeded data collection in some areas such that the channel conditions could not be verified in the obstructed areas. Reach A: Edge shoaling with a maximum width of approximately 20 feet exists along the toe of the channel in the Right Outside Quarter starting approximately 675 feet landward of RED NUN #2 and continues landward to approximately 350 feet seaward of RED NUN #4. Shoaling with a maximum width of approximately 60 feet exists in the Right Outside Quarter and Middle Half of the channel beginning approximately 240 feet seaward of RED NUN #4 and continues landward to approximately 550 feet seaward of RED CAN #6. Sporadic shoaling with a maximum width of approximately 15 feet exists along the toe of the channel in the Right Outside Quarter starting approximately 330 feet seaward of RED NUN #8 and continues landward to the end of the reach located approximately 1110 feet landward of RED NUN #8. 								

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New York, NY 10278-0090

RIVER/HARBOR NAME AND STATE:
Shoal Harbor and Compton Creek, New Jersey

REMARKS (continued):

- All depths are relative to Mean Lower Low Water.
- Channel reach lengths are in nautical miles.
- Vessel obstructions at the time of survey impeded data collection in some areas such that the channel conditions could not be verified in the obstructed areas.

- **Reach B:** Sporadic shoaling with a maximum width of approximately 40 feet extending from the right toe of channel exists throughout the entire reach starting approximately 1110 feet landward of RED NUN #8 and ending approximately 2,200 feet landward of RED NUN #8. Sporadic shoaling with a maximum width of approximately 60 feet extending from the left toe of channel also exists throughout the entire reach starting approximately 1110 feet landward of RED NUN #8 and ending to approximately 2,200 feet landward of RED NUN #8.

- **Partial Reach C:** Sporadic shoaling with a maximum width of approximately 40 feet extending from the right toe of channel exists starting approximately 2500 feet landward of RED NUN #8 and continues landward for approximately 870 feet to the approximate former location of the Main Street Bridge. Sporadic shoaling with a maximum width of approximately 25 feet extending from the left toe of channel also exists starting approximately 2700 feet landward of RED NUN #8 and continues landward for approximately 550 feet.

