

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE					PAGE: 1 OF 2		
					DATE: 23 January 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: Shrewsbury River, 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)			
<b>Partial Reach A: Bay to Highlands:</b> Survey coverage begins in Sandy Hook Bay at a point approximately 135 feet landward of GREEN #3 w/LIGHT; survey coverage ends at a point approximately 1,100 feet landward of GREEN #11A w/LIGHT	Map 429 Pgs 1 - 4 of 8; 15 - 17, 22, 29 - 30 Oct 2014	300	1.83	12	8.2	10.5	8.6
<b>Partial Reach C: Buoy #38:</b> Survey coverage begins in the vicinity of the junction between the North and South Branches of the project at a point approximately 440 feet seaward of RED-GREEN BUOY "NS"; survey coverage ends at a point approximately 1,780 feet landward of RED NUN #14	Map 429 Pg 5 of 8; 15 - 17, 22, 29 - 30 Oct 2014	150 - 620	3.61	9	6.5	5.9	5.1
<b>Reach G: Oceanic Bridge:</b> Begins at the junction between the North and South Branches at a point approximately 560 feet seaward of SLOW NO WAKE BUOY; Ends at a point approximately 610 feet landward of RED NUN #16 at Oceanic Bridge	Map 429 Pgs 5 - 8 of 8; 15 - 17, 22, 29 - 30 Oct 2014	150 - 230	1.87	6	2.4	2.9	1.1
<b>Partial Reach H: Red Bank:</b> Survey coverage begins at a point approximately 610 feet landward of RED NUN #16 at Oceanic Bridge; Survey coverage ends at a point approximately 1,220 feet landward of the beginning of this partial reach	Map 429 Pg 8 of 8; 15 - 17, 22, 29 - 30 Oct 2014	150 - 270	3.20	6	5.7	7.1	8.1
<b>REMARKS:</b> <ul style="list-style-type: none"> <li>All reported depths are relative to Mean Low Water (MLW) datum</li> <li>Channel reach lengths are in nautical miles</li> </ul>							
<b>SHREWSBURY RIVER, NJ</b> <ul style="list-style-type: none"> <li><b>Partial Reach A:</b> Some sporadic shoaling exists along the channel's toe in both the Left and Right Outside Quarters throughout this partial reach. In certain locations, such as approximately 400 feet landward of RED NUN #10 in the Right Outside Quarter, shoaling exists across the entire width of the quarter and extends into the Middle Half of the channel. In certain locations, such as approximately 700 feet landward of GREEN #11 w/LIGHT in the Middle Half of the channel, spot shoaling exists in this partial reach.</li> </ul>							

- **Partial Reach C:** Shoaling exists between the parameters of a point approximately 110 feet seaward of RED-GREEN BUOY "NS", and a point approximately 275 feet landward of the same. Within these parameters, this shoaling covers the entire width of the Left Outside Quarter, Middle Half, and Right Outside Quarter of the channel at various locations.
- **Reach G:** Between the approximate parameters of RED NUN #4 and approximately 635 feet landward of GREEN BUOY #5 w/LIGHT, shoaling exists throughout much of the width of the Right Outside Quarter of this reach and becomes as wide as the entire width of the Right Outside Quarter and Middle Half of the channel. Sporadic shoaling exists in various locations throughout the Middle Half of the channel in this reach. In various locations, shoaling exists along the channel's toe in both the Left and Right Outside Quarters of this reach, and becomes as wide as approximately half the width of the channel as it extends into the Middle Half of the channel.
- **Partial Reach H:** Shoaling exists in approximately the first 180 feet of this reach along the channel's toe in the Left Outside Quarter of this partial reach. The controlling depth in this quarter is 5.7 feet below MLW.