REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE

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

<table>
<thead>
<tr>
<th>NAME OF CHANNEL</th>
<th>DATE OF SURVEY</th>
<th>AUTHORIZED PROJECT</th>
<th>WIDTH (feet)</th>
<th>LENGTH (nmi)</th>
<th>DEPTH (feet)</th>
<th>LEFT OUTSIDE QUARTER (feet)</th>
<th>MIDDLE HALF (feet)</th>
<th>RIGHT OUTSIDE QUARTER (feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reach A: Begins at Sandy Hook Bay approximately 65 feet seaward of RED NUN #2 EBB; Ends approximately 335 feet landward of GREEN CAN #9 EBB.</td>
<td>Request No. 4843/AL Pg 1, 2 &amp; 3 of 3; 2-3, 8-9, 16 July 2019</td>
<td>150</td>
<td>1.09</td>
<td>12</td>
<td>7.9</td>
<td>7.6</td>
<td>0.1</td>
<td></td>
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<tr>
<td>Reach B: Begins approximately 335 feet landward of GREEN CAN #9 EBB; 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.</td>
<td>Request No. 4843/AL Pg 3 of 3; 2-3, 8-9, 16 July 2019</td>
<td>150 – 75</td>
<td>0.18</td>
<td>12</td>
<td>7.8</td>
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<tr>
<td>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.</td>
<td>Request No. 4843/AL Pg 3 of 3; 2-3, 8-9, 16 July 2019</td>
<td>75 – 50</td>
<td>0.19</td>
<td>8</td>
<td>1.8</td>
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</tbody>
</table>

80% OF CHANNEL WIDTH (feet)

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 EBB. The controlling depth of -0.1 feet MLLW exists in the Right Outside Quarter at approximately 35 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 -7.8 feet MLLW exists in the Middle 80% at approximately 490 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 the end of this reach.