REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE

DATE 09 July 2019

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:
Sandy Hook Bay at Leonardo, 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>LEFT OUTSIDE QUARTER</th>
<th>MIDDLE HALF</th>
<th>RIGHT OUTSIDE QUARTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reach A: Begins approximately 610 feet seaward of NUN 2 WITH LIGHT FLOOD Buoy and ends approximately 515 feet landward of the same.</td>
<td>Map 141; Sheet 1 of 1; 26 April 2019</td>
<td>150</td>
<td>0.19</td>
<td>8</td>
<td>8.0</td>
</tr>
<tr>
<td>Reach B: Begins approximately 515 feet landward of NUN 2 WITH LIGHT FLOOD Buoy and ends approximately 30 feet landward of 6 NUN FLOOD Buoy.</td>
<td>Map 141; Sheet 1 of 1; 26 April 2019</td>
<td>150</td>
<td>0.14</td>
<td>8</td>
<td>7.4</td>
</tr>
<tr>
<td>Reach C: Begins approximately 30 feet landward of 6 NUN FLOOD Buoy and ends at entrance of the boat basin.</td>
<td>Map 141; Sheet 1 of 1; 26 April 2019</td>
<td>85 - 150</td>
<td>0.09</td>
<td>8</td>
<td>4.0</td>
</tr>
</tbody>
</table>

REMARKS:
- All reported depths are relative to Mean Lower Low Water (MLLW) datum.
- Channel reach lengths are in nautical miles.

SANDY HOOK BAY AT LEONARDO

Reach A:
- Sporadic shoaling exists along the channel's toe in the Right Outside Quarter of this reach.
- The controlling depth of -7.4 feet MLLW exists in the Right Outside Quarter of the channel approximately 190 feet seaward of NUN 2 WITH LIGHT FLOOD.

Reach B:
- Sporadic shoaling exists throughout much of this reach.
- The controlling depth of -5.6 feet MLLW exists along the channel's toe in the Right Outside Quarter of this reach approximately 370 feet landward of NUN 4 FLOOD.

Reach C:
- Shoaling exists throughout this entire reach.
- The controlling depth of -2.5 feet MLLW exists along the channel's toe in the Right Outside Quarter of this reach approximately 160 feet seaward of 8 NUN FLOOD.