# REPORT OF CHANNEL CONDITIONS

**400' WIDE AND GREATER**

TO: Navigation Interest

FROM: U.S. Army Engineer District, Savannah
ATTN: SASOP-N
100 west Ogletorpe Ave.
Savannah, Ga. 31401

HARBOR/STATE: SAVANNAH HARBOR, GEORGIA

Savannah Harbor Ship Channel from the Sea Sta. 60B to the Upper Limits of the Harbor (Sta. 112+500)

SHALLOWEST SINGLE SOUNDINGS WITHIN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD

<table>
<thead>
<tr>
<th>NAME OF CHANNEL</th>
<th>STATION TO STATION</th>
<th>DATE SURVEY</th>
<th>PROJECT</th>
<th>WIDTH (ft)</th>
<th>LENGTH (mi)</th>
<th>DEPTH (ft)</th>
<th>(A) LEFT OUTSIDE QUARTER (ft)</th>
<th>LEFT INSIDE QUARTER (ft)</th>
<th>MID-CHANNEL</th>
<th>RIGHT INSIDE QUARTER (ft)</th>
<th>(A) RIGHT OUTSIDE QUARTER (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tybee Range</td>
<td>80B</td>
<td>08-Jul-15</td>
<td></td>
<td>600</td>
<td>3.79</td>
<td>44</td>
<td>43.5</td>
<td>42.5</td>
<td>44.0</td>
<td>42.5</td>
<td>43.0</td>
</tr>
<tr>
<td></td>
<td>40B</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bloody Point Range</td>
<td>40B</td>
<td></td>
<td></td>
<td>600</td>
<td>3.41</td>
<td>44</td>
<td>42.5</td>
<td>42.5</td>
<td>43.0</td>
<td>40.5</td>
<td>43.0</td>
</tr>
<tr>
<td></td>
<td>22B</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jones Island Range</td>
<td>22B</td>
<td></td>
<td></td>
<td>600</td>
<td>1.33</td>
<td>44</td>
<td>42.5</td>
<td>42.5</td>
<td>44.0</td>
<td>43.0</td>
<td>43.0</td>
</tr>
<tr>
<td></td>
<td>14B</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tybee Knoll Cut Rg</td>
<td>14B</td>
<td>8-Jul-15</td>
<td></td>
<td>500</td>
<td>2.84</td>
<td>42</td>
<td>42.0</td>
<td>43.0</td>
<td>42.5</td>
<td>41.5</td>
<td>41.5</td>
</tr>
<tr>
<td>New Channel Range</td>
<td>10</td>
<td>10-Jul-15</td>
<td></td>
<td>500</td>
<td>1.89</td>
<td>42</td>
<td>36.5</td>
<td>42.5</td>
<td>42.5</td>
<td>41.0</td>
<td>41.0</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Long Island Crossing</td>
<td>10</td>
<td></td>
<td></td>
<td>500</td>
<td>3.03</td>
<td>42</td>
<td>40.5</td>
<td>41.5</td>
<td>41.0</td>
<td>40.5</td>
<td>40.5</td>
</tr>
<tr>
<td></td>
<td>26</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lower Flats Range</td>
<td>26</td>
<td></td>
<td></td>
<td>500</td>
<td>1.52</td>
<td>42</td>
<td>39.5</td>
<td>42.0</td>
<td>42.5</td>
<td>38.5</td>
<td>38.5</td>
</tr>
<tr>
<td></td>
<td>34</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper Flats Range</td>
<td>34</td>
<td></td>
<td></td>
<td>500</td>
<td>1.33</td>
<td>42</td>
<td>43.5</td>
<td>43.0</td>
<td>42.0</td>
<td>41.0</td>
<td>41.0</td>
</tr>
<tr>
<td></td>
<td>41</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>The Bight Channel</td>
<td>41</td>
<td>10-Jul-15</td>
<td></td>
<td>500</td>
<td>1.7</td>
<td>42</td>
<td>43.5</td>
<td>45.5</td>
<td>47.0</td>
<td>46.5</td>
<td>46.5</td>
</tr>
<tr>
<td></td>
<td>50</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fort Jackson Range</td>
<td>50</td>
<td></td>
<td></td>
<td>500</td>
<td>0.78</td>
<td>42</td>
<td>42.0</td>
<td>45.0</td>
<td>44.5</td>
<td>41.5</td>
<td>41.5</td>
</tr>
<tr>
<td></td>
<td>54</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oglethorpe Range</td>
<td>54</td>
<td></td>
<td></td>
<td>500</td>
<td>1.33</td>
<td>42</td>
<td>40.5</td>
<td>43.5</td>
<td>44.5</td>
<td>40.5</td>
<td>40.5</td>
</tr>
<tr>
<td></td>
<td>61</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wrecks Channel</td>
<td>61</td>
<td></td>
<td></td>
<td>500</td>
<td>1.7</td>
<td>42</td>
<td>39.5</td>
<td>43.5</td>
<td>44.5</td>
<td>41.5</td>
<td>41.5</td>
</tr>
<tr>
<td></td>
<td>70</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>City Front Channel</td>
<td>70</td>
<td>14-Jul-15</td>
<td></td>
<td>500</td>
<td>1.7</td>
<td>42</td>
<td>40.5</td>
<td>44.5</td>
<td>43.5</td>
<td>41.5</td>
<td>41.5</td>
</tr>
<tr>
<td></td>
<td>73</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marsh Island Channel</td>
<td>79</td>
<td></td>
<td></td>
<td>500</td>
<td>1.9</td>
<td>42</td>
<td>39.0</td>
<td>42.0</td>
<td>42.5</td>
<td>39.5</td>
<td>39.5</td>
</tr>
<tr>
<td></td>
<td>89</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kings Island Channel</td>
<td>89</td>
<td>14-Jul-15</td>
<td></td>
<td>500</td>
<td>2.43</td>
<td>42</td>
<td>38.5</td>
<td>39.5</td>
<td>41.5</td>
<td>38.5</td>
<td>38.5</td>
</tr>
<tr>
<td></td>
<td>102</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Whitehall Channel</td>
<td>102</td>
<td></td>
<td></td>
<td>400</td>
<td>0.19</td>
<td>42</td>
<td>44.5</td>
<td>41.5</td>
<td>40.0</td>
<td>38.5</td>
<td>38.5</td>
</tr>
<tr>
<td></td>
<td>103</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Whitehall Channel</td>
<td>103</td>
<td></td>
<td></td>
<td>400</td>
<td>0.47</td>
<td>36</td>
<td>24.5</td>
<td>25.0</td>
<td>28.0</td>
<td>28.0</td>
<td>28.0</td>
</tr>
<tr>
<td></td>
<td>105+500</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Port Wentworth Channel</td>
<td>105+500</td>
<td></td>
<td></td>
<td>200</td>
<td>0.95</td>
<td>30</td>
<td>- - -</td>
<td>28.5</td>
<td>27.0</td>
<td>27.0</td>
<td>- - -</td>
</tr>
<tr>
<td></td>
<td>110+500</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Port Wentworth Channel</td>
<td>110+500</td>
<td></td>
<td></td>
<td>200</td>
<td>0.38</td>
<td>30</td>
<td>- - -</td>
<td>21.5</td>
<td>21.0</td>
<td>- - -</td>
<td>- - -</td>
</tr>
</tbody>
</table>

(A) depths given below represent condition 75 ft. inside toe of channel.
* Area Being Dredged
** Area To Be Dredged
*** Area Not Surveyed
**** Area not surveyed due to weather

ENG FORM 4020-R, NOV 90
<table>
<thead>
<tr>
<th>NAME OF TURNING BASIN</th>
<th>STATION</th>
<th>DATE SURVEY</th>
<th>PROJECT WIDTH (ft)</th>
<th>PROJECT LENGTH (mi)</th>
<th>PROJECT DEPTH (ft)</th>
<th>MINIMUM DEPTH</th>
<th>100' FROM BACKSIDE (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oyster Bed</td>
<td>3+500</td>
<td>10th Jul-15</td>
<td>1050</td>
<td>1200</td>
<td>40</td>
<td>#19 300'</td>
<td>41.0</td>
</tr>
<tr>
<td>Fig Island</td>
<td>6+500</td>
<td>08-Jul-15</td>
<td>900</td>
<td>1000</td>
<td>34</td>
<td>#13 300'</td>
<td>26.0</td>
</tr>
<tr>
<td>Marsh Island</td>
<td>9+500</td>
<td></td>
<td>900</td>
<td>1000</td>
<td>34</td>
<td>#11 300'</td>
<td>36.0</td>
</tr>
<tr>
<td>Kings Island</td>
<td>10+500</td>
<td>14-Jul-15</td>
<td>1500</td>
<td>1600</td>
<td>50</td>
<td>#08 400'</td>
<td>34.0</td>
</tr>
<tr>
<td>Argyle Island</td>
<td>103+500</td>
<td>10-Jul-15</td>
<td>600</td>
<td>600</td>
<td>30</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Port Wentworth</td>
<td>110+500</td>
<td>10-Jul-15</td>
<td>600</td>
<td>600</td>
<td>30</td>
<td>#04 300'</td>
<td>17.0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RANGE NUMBERS</th>
<th>STATION</th>
<th>DATE SURVEY</th>
<th>CHANNEL SIDE</th>
<th>MINIMUM DEPTH</th>
<th>50' FROM TOE LINE</th>
<th>150' FROM TOE LINE</th>
</tr>
</thead>
<tbody>
<tr>
<td>RANGE 0A</td>
<td>44+000</td>
<td>08-Jul-15</td>
<td>RIGHT</td>
<td>40.0</td>
<td>#24</td>
<td>#25</td>
</tr>
<tr>
<td>RANGE 1</td>
<td>-26+000</td>
<td>2500</td>
<td>LEFT</td>
<td>42.0</td>
<td>#21</td>
<td>N/A</td>
</tr>
<tr>
<td>RANGE 2A</td>
<td>-16+000</td>
<td>2500</td>
<td>LEFT</td>
<td>39.0</td>
<td>#21</td>
<td>#22</td>
</tr>
<tr>
<td>RANGE 3</td>
<td>-13+000</td>
<td>1500</td>
<td>LEFT</td>
<td>42.0</td>
<td>#21</td>
<td>N/A</td>
</tr>
<tr>
<td>RANGE 6</td>
<td>9+250</td>
<td>08-Jul-15</td>
<td>RIGHT</td>
<td>40.5</td>
<td>#20</td>
<td>N/A</td>
</tr>
<tr>
<td>RANGE 15 THRU 19</td>
<td>41+500</td>
<td>10-Jul-15</td>
<td>LEFT</td>
<td>36.0</td>
<td>#02</td>
<td>N/A</td>
</tr>
<tr>
<td>RANGE 14 THRU 20</td>
<td>40+500</td>
<td>10-Jul-15</td>
<td>RIGHT</td>
<td>39.0</td>
<td>#01</td>
<td>N/A</td>
</tr>
<tr>
<td>RANGE 21</td>
<td>52+750</td>
<td>10-Jul-15</td>
<td>RIGHT</td>
<td>37.0</td>
<td>#15</td>
<td>N/A</td>
</tr>
<tr>
<td>RANGE 22 &amp; 23</td>
<td>58+750</td>
<td>10-Jul-15</td>
<td>RIGHT</td>
<td>26.0</td>
<td>#05</td>
<td>N/A</td>
</tr>
</tbody>
</table>

STATIONS FOR THESE ARE THE RANGE ITSELF

REMARKS
All depths refer to mean low water.
This information represents the results of surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time. The depths shown have been rounded off to the nearest half-foot. Any questions concerning conditions shown on this report should be referred to Operations Division:
Telephone (912) 652-5058.

ENG FORM 4020-R, NOV 90