Urban Land Institute
Spring Forum:
Expansion of the Panama Canal

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Unified Port of San Diego
What we Know:

• Completion Date:
  Contracted for October 2014
  (Still in force)
  First transits of new locks
  expected mid-2015

• Carrying capacity of Post-
  Panamax vessels is likely 2.5
  times current industry standard

• The average draft will likely
  grow from 40 to 50 ft.
**Dimensions of Locks and Ships**

*Maximum size of vessels in existing Locks: 4,400 TEU*

*Maximum size of vessels in new Locks: 13,200 TEU*

Source: Panama Canal Authority
## West Coast/East Coast Side by Side Comparison Top 3 Ports

### West Coast

<table>
<thead>
<tr>
<th>Port</th>
<th>Channel Depth</th>
<th>Twenty foot Equivalent Units (TEUs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Los Angeles</td>
<td>53 ft.</td>
<td>7.9 Million</td>
</tr>
<tr>
<td>Long Beach</td>
<td>76 ft.</td>
<td>6 Million</td>
</tr>
<tr>
<td>Oakland</td>
<td>50 ft.</td>
<td>2.34 Million</td>
</tr>
</tbody>
</table>

### East Coast

<table>
<thead>
<tr>
<th>Port</th>
<th>Channel Depth</th>
<th>Twenty foot Equivalent Units (TEUs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>New York/NJ</td>
<td>41 ft. (50 ft. by end 2013)</td>
<td>5.6 Million</td>
</tr>
<tr>
<td>Savannah, GA</td>
<td>42 ft. (future 47 ft.)</td>
<td>3 Million</td>
</tr>
<tr>
<td>Houston, TX</td>
<td>40-45 ft.</td>
<td>2.1 Million</td>
</tr>
</tbody>
</table>

Source: American Association of Port Authorities *Seaports of the Americas 2013*
Projected Implications

• Transpacific container capacity by sea will grow

• Ships will get bigger, and their numbers will decrease at larger ports

• Distribution are growing larger and consolidating around large ports (trend toward rail to ocean)
Direct Impact to San Diego

- Specialty Port: Agriculture and Auto
- Services versatile Roll-on/Roll-off and Load-on/Load off vessels
- Diversion will most likely be minimal, and new opportunities may arise
Thank You