The Northwest Seaport Alliance is investing in Terminal 5 in order to sustain cargo volumes and maritime jobs. Improvements to the dock, vessel berths and electrical system will help the alliance attract larger container ships and associated cargo.

**WHY IS T5 CLOSED?**

- Terminal 5 is currently unable to handle vessels larger than 6,000 TEUs.*
- To remain competitive, alliance terminals need to handle larger vessels.
- Shipping lines are building larger ships to improve economies of scale and reduce environmental impacts.
- The terminal must have the capacity to handle larger ships in order to be viable.

* TEU stands for twenty foot equivalent unit. A 6000 TEU ship would have 6000 twenty foot containers.

**TERMINAL 5 IMPROVEMENTS**

**DOCK UPGRADES**

- **South Dock**
- **North Dock**

**POWER UPGRADES**

**UPLAND IMPROVEMENTS**

**BERTH DEEPENING**

**HARBOR**

<table>
<thead>
<tr>
<th>Island</th>
<th>Spokane St.</th>
<th>Downtown Seattle</th>
<th>Elliott Bay</th>
<th>Terminal 5</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Current T-5</strong></td>
<td>136'</td>
<td>18,000+ TEU</td>
<td>6,000 TEU</td>
<td>136'</td>
</tr>
<tr>
<td><strong>Current T-5 Crane</strong></td>
<td>145’ outreach</td>
<td>90’ lift above the dock</td>
<td>146’ lift above the dock</td>
<td>146’ lift above the dock</td>
</tr>
<tr>
<td><strong>Super Post Panamax Crane</strong></td>
<td>210’ outreach</td>
<td>146’ lift above the dock</td>
<td>210’ outreach</td>
<td>210’ outreach</td>
</tr>
</tbody>
</table>

**STAY CONNECTED!**

For more information on the project:
www.TSEIS.publicmeeting.info
WHAT DOES THE PROJECT INCLUDE?

Dock Upgrades
• The current dock structure cannot handle the weight of the larger cranes needed for bigger ships.
• Beams, piling and deck panels will be upgraded.
• Creosote-treated wooden piles will be replaced with an environmentally friendly, panelized fender system.
• New crane beams and rails will be installed.

Power Upgrades
• Larger cranes will require more electrical power.
• Power upgrades increase the potential for greater electrification of the terminal and quieter, cleaner, greener operations.

Deeper Berths
• An underwater toe wall and other improvements will stabilize the slope beneath the dock.
• The berths will be deepened up to 55 feet to accommodate larger ships.
• Current depth is 45 to 50 feet.
• The alliance and the U.S. Army Corps of Engineers are partnering on a study separate from the T-5 project to evaluate optimal waterway depth to meet local and national economic needs.

Project Benefits
• Dock upgrades – along with T5’s already superior on-dock rail capabilities – will help the alliance attract cargo moving to and from destinations across the United States.
• The ability to handle larger, more fuel efficient ships will give the alliance the ability to move cargo with less environmental impact.

DOCK UPGRADES

TERMINAL 5 PROJECT ESTIMATED TIME LINE

THE NORTHWEST SEAPORT ALLIANCE
PO Box 2985 | Tacoma, WA 98401 | 800.657.9808 | nwseaportalliance.com

The Northwest Seaport Alliance is a marine-cargo operating partnership of the Port of Tacoma and the Port of Seattle.
11/2015