## Cargo Operations

### Container Operations

#### TSC Description
Perform container cargo loading and unloading through the use of quay cranes and coordination between wharves and container yards

<table>
<thead>
<tr>
<th>TSC Proficiency Description</th>
<th>Level 1</th>
<th>Level 2</th>
<th>Level 3</th>
<th>Level 4</th>
<th>Level 5</th>
<th>Level 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operate quay cranes for handling (loading/unloading), securing and care of container cargo</td>
<td>STP-CGO-2003-1.1</td>
<td>STP-CGO-3003-1.1</td>
<td>Supervise and coordinate wharf controlling procedures</td>
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</tbody>
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#### Knowledge
- Bay and cell location readings
-Operations and mechanical safety of consoles and functions
- Channels and communication systems
- Gantry operations
- Stacking patterns
- Processes and procedures on hatch cover handling
- Process and procedures for securing cranes
- Structure of ship operations
- Workplace Safety and Health (WSH) regulations, policies and procedures
- Yard location readings of slots for different container sizes
- Ship numbering system
- Communication channels at the wharf
- Procedures to open or close hatch cover in accordance with crane sequences
- Integrated system to planning operations in the yard, ship and/or gate
### Abilities

- Conduct pre-operations equipment checks
- Handle gantry operations within 20 minutes safely and in accordance with procedures
- Handle container moves from and to ships safely and effectively
- Land and stack hatch covers within the designated areas safely
- Control swing of spreader with chain and/or long chain
- Conduct post-operations checks
- Secure crane in accordance with mechanical and operational requirements
- Operate live containers unloading in full ship operation
- Handle container loading in full ship operation

- Read the yard location prior to handling or transporting containers to and from the yard
- Conduct pre-operations checks on equipment
- Comply with WSH regulations and procedures
- Coordinate with crane operators to execute container movements efficiently and safely
- Coordinate hatch cover handling
- Conduct post-operations checks