

**SKILLS FRAMEWORK FOR MARINE AND OFFSHORE  
TECHNICAL SKILLS & COMPETENCIES (TSC) REFERENCE DOCUMENT**

<b>TSC Category</b>	Systems Engineering					
<b>TSC</b>	Interface Management					
<b>TSC Description</b>	Perform interface management activities to integrate systems					
<b>TSC Proficiency Description</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Level 4</b>	<b>Level 5</b>	<b>Level 6</b>
			<b>STP-SYS-3003-1.1</b>	<b>STP-SYS-4003-1.1</b>	<b>STP-SYS-5003-1.1</b>	<b>STP-SYS-6003-1.1</b>
			Execute, maintain and track changes to records pertaining to interface management	Perform interface management during system design and product integration	Direct interface management during system design and product integration	Direct the development of programme interface management policies with multiple systems
<b>Knowledge</b>			<ul style="list-style-type: none"> <li>Interface management</li> <li>Types of interface management preparatory activities</li> <li>Stakeholder set of expectations</li> <li>Product integration processes and procedures</li> <li>Documentation related to interface management</li> </ul>	<ul style="list-style-type: none"> <li>Interface management</li> <li>Types of interface management preparatory activities</li> <li>Stakeholder set of expectations</li> <li>Product integration processes and procedures</li> <li>Documentation related to interface management</li> </ul>	<ul style="list-style-type: none"> <li>Interface management</li> <li>Types of interface management preparatory activities</li> <li>Stakeholder set of expectations</li> <li>Product integration processes and procedures</li> <li>Documentation related to interface management</li> </ul>	<ul style="list-style-type: none"> <li>Interface management</li> <li>Types of interface management preparatory activities</li> <li>Stakeholder set of expectations</li> <li>Product integration processes and procedures</li> <li>Documentation related to interface management</li> </ul>
<b>Abilities</b>			<ul style="list-style-type: none"> <li>Identify interfaces outside of stakeholders' expectations</li> <li>Document interfaces as system structures emerge</li> <li>Document origin, destination, stimulus, and special characteristics of interfaces</li> <li>Maintain the design solution for internal interfaces</li> <li>Maintain horizontal traceability across interfaces</li> <li>Identify and track changes to interface documentation</li> </ul>	<ul style="list-style-type: none"> <li>Develop procedures for sub-system interface management</li> <li>Confirm interface control documents (ICDs) validated with stakeholders</li> <li>Identify interface discrepancies</li> <li>Verify completion of pre-checks on physical interfaces</li> <li>Verify analyses and resolutions of interface issues arising from changes in interface configurations</li> <li>Control traceability of interface changes</li> </ul>	<ul style="list-style-type: none"> <li>Develop procedures for system interface management</li> <li>Review integration procedures</li> <li>Evaluate assembled systems for system compatibility</li> <li>Manage interface changes within system structures</li> <li>Disseminate approved interface change information</li> </ul>	<ul style="list-style-type: none"> <li>Establish interface management parameters for projects</li> <li>Develop procedures for programme interface management during system design and product integration</li> </ul>