

**SKILLS FRAMEWORK FOR SEA TRANSPORT  
TECHNICAL SKILLS AND COMPETENCIES (TSC) REFERENCE DOCUMENT**

<b>TSC Category</b>	Ship Emergency, Occupational Safety and Survival					
<b>TSC</b>	Ship Security					
<b>TSC Description</b>	Execute security duties on board ships to ensure safety and security					
<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-SOS-2004-1.2</b>	<b>STP-SOS-3004-1.2</b>	<b>STP-SOS-4004-1.2</b>		
		Maintain and supervise the implementation of ship security plans	Contribute to the enhancement of maritime security	Oversee security systems and procedures on board ships		
<b>Knowledge</b>		<ul style="list-style-type: none"> <li>International maritime security policy and responsibilities of Governments, companies and designated persons, including elements that may relate to terrorism, piracy and armed robberies</li> <li>Ship security plans, procedures, maintenance of records and methods to modify them</li> <li>Procedures in implementing ship security plans and reporting of security incidents</li> <li>Maritime security levels and consequential security measures and procedures aboard ships and ports</li> <li>Requirements and procedures for conducting internal audits, on-scene inspections, control and monitoring of security</li> </ul>	<ul style="list-style-type: none"> <li>International maritime security policy and responsibilities of Governments, companies and designated persons, including elements that may relate to terrorism, piracy and armed robberies</li> <li>Maritime security levels and their impact on security measures</li> <li>Security reporting procedures</li> <li>Security-related contingency plans</li> <li>Techniques used to circumvent security measures</li> <li>Security threats, including elements that may relate to terrorism, piracy and armed robbery</li> <li>Weapons, dangerous substances and devices</li> <li>Methods to handle security-related information and communication</li> </ul>	<ul style="list-style-type: none"> <li>International maritime security policy and responsibilities of Governments, companies and designated persons, including elements that may relate to terrorism, piracy and armed robberies</li> <li>Maritime security levels and their impact on security measures</li> <li>Security reporting procedures</li> <li>Procedures and requirements for drills and exercises under conventions, codes and IMO circulars</li> <li>Ship security plans</li> <li>Security-related contingency plans</li> <li>Procedures for responding to security threats or breaches of security</li> <li>Security documentation</li> <li>Potential security threats, weapons, dangerous substances and devices</li> </ul>		

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		<p>activities specified in ship security plans</p> <ul style="list-style-type: none"> <li>• Requirements and procedures for reporting to company security officers</li> <li>• Deficiencies and non-conformities identified during internal audits, periodic reviews and security inspections</li> <li>• ISPS Code, SOLAS 1974 (as amended) and IMO circulars</li> <li>• Methods for enhancing security awareness and vigilance</li> <li>• Methods for assessing effectiveness of drills and exercises</li> </ul>	<ul style="list-style-type: none"> <li>• Training, drill and exercise requirements under relevant conventions, codes and International maritime Organisation (IMO) circulars</li> </ul>	<ul style="list-style-type: none"> <li>• Crowd management and control techniques</li> <li>• Methods to handle security-related information and communication</li> <li>• Methods for physical searches and non-intrusive inspections</li> <li>• Methods for effective monitoring of deck areas and areas surrounding the ship</li> <li>• Inspection methods for cargo and ship's stores</li> <li>• Types of security equipment and systems</li> </ul>		
<b>Abilities</b>		<ul style="list-style-type: none"> <li>• Maintain and supervise the implementation of ship security plans</li> <li>• Assess security risk, threats and vulnerabilities</li> <li>• Undertake regular inspections of ships to ensure that appropriate security measures are implemented and maintained</li> <li>• Ensure that security equipment and systems are properly operated, tested and calibrated</li> </ul>	<ul style="list-style-type: none"> <li>• Identify maritime security threats</li> <li>• Take appropriate actions to mitigate threats in accordance with prescribed measures and procedures</li> </ul>	<ul style="list-style-type: none"> <li>• Recognise security risks and threats</li> <li>• Take action in accordance with ISPS Code, SOLAS 1974 (as amended)</li> <li>• Conduct security inspections and surveys</li> <li>• Control and monitor the security activities in accordance with ship security plans</li> <li>• Control the embarkation, disembarkation and access by persons on board ships</li> <li>• Test, calibrate and maintain security systems and equipment while at sea</li> </ul>		