

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

TSC Category	Systems Engineering					
TSC	System Configuration Management					
TSC Description	Establish consistency in performance, functional, and physical attributes throughout a system's life cycle					
TSC Proficiency Description	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
			STP-SYS-3002-1.1	STP-SYS-4002-1.1	STP-SYS-5002-1.1	STP-SYS-6002-1.1
			Maintain records pertaining to configuration management activities	Perform configuration management activities for sub-systems	Oversee establishment of configuration management activities and audits	Direct the development of configuration management policies and activities with multiple systems
Knowledge			<ul style="list-style-type: none"> Types of configuration management activities Components and process of configuration management audits Configuration records Programmes, systems, sub-systems involved in configuration control 	<ul style="list-style-type: none"> Types of configuration management activities Components and process of configuration management audits Configuration records Types of risks involved in configuration control Programmes, systems, sub-systems involved in configuration control 	<ul style="list-style-type: none"> Types of configuration management activities Components and process of configuration management audits Configuration records Configuration management strategies Methods to implement configuration change control Programmes, systems, sub-systems involved in configuration control 	<ul style="list-style-type: none"> Types of configuration management activities Components and process of configuration management audits Configuration records Configuration change control policies and processes Programmes, systems, sub-systems involved in configuration control
Abilities			<ul style="list-style-type: none"> Assist in preparatory work for configuration management activities Maintain configuration item description records Maintain change records Track items to correct anomalies 	<ul style="list-style-type: none"> Develop strategies to conduct configuration management for sub-systems Identify content of configuration control for sub-systems Identify risks caused by poor configuration control 	<ul style="list-style-type: none"> Develop strategies to conduct configuration management Establish baseline for configuration items Identify content of configuration control for systems Implement configuration change processes 	<ul style="list-style-type: none"> Direct the development of strategies to conduct programme configuration management Define configuration management parameters for specific projects Oversee programme configuration change control