

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

TSC Category	Supply Chain Management					
TSC	Procurement Performance Monitoring					
TSC Description	Monitor procurement performance to cut costs, alleviate risks, and drive continuous process improvement by measuring and analysing vendor and process efficiency					
TSC Proficiency Description	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
			MAR-SCL-3004-1.1	MAR-SCL-4004-1.1	MAR-SCL-5004-1.1	
			Review procurement performance through information and process data from procurement management systems	Analyse performance data to formulate procurement management strategies	Devise performance criteria to support procurement process optimisation	
Knowledge			<ul style="list-style-type: none"> • Procurement workflows and related processes • Types of marine equipment, parts and materials • Types of ships and rigs, terminologies and features • Types of procurement management tools, systems and software • Basic analytics and tools • Performance management metrics 	<ul style="list-style-type: none"> • Types of tendering and purchasing processes • Types of procurement and sourcing strategies • Service level agreements (SLAs) and preferred supplier agreements (PSAs) • Types of advanced analytics and tools • Types of cost-benefit evaluation • Principles of continuous improvement 	<ul style="list-style-type: none"> • Industry performance monitoring best practices • Performance management systems and key performance indicators • Organisation's product portfolios and processes • Organisation's business strategies and objectives 	
Abilities			<ul style="list-style-type: none"> • Operate the procurement management system to log and extract data • Apply analytics to identify patterns and draw inferences from data extracted • Monitor vendor metrics to track actual delivery against contract terms • Monitor lead times to track the interval between initiation of procurement activities and receipt of items by production 	<ul style="list-style-type: none"> • Troubleshoot procurement management systems to address data inconsistencies • Evaluate vendors based on performance metrics to ensure compliance with contract terms • Shortlist top performing vendors according to performance evaluations • Evaluate lead times to identify process bottlenecks and sub-optimal performance 	<ul style="list-style-type: none"> • Devise performance criteria for vendors and establish individual target metrics according to specific contract terms • Devise key performance indicators (KPIs) to evaluate effectiveness and efficiency of the procurement workflows • Coach junior team members on how to apply performance criteria to identify deviations • Study impact of procurement processes 	

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			<ul style="list-style-type: none"> • Monitor product- and project-specific data to facilitate inventory and quality management of procured items • Identify deviations against performance criteria • Highlight issues to senior team members 	<ul style="list-style-type: none"> • Evaluate inventory metrics to predict future procurement needs • Evaluate quality metrics to improve material inspection procedures • Review deviations identified by junior team members to investigate further and pinpoint causes of issues and suggest mitigation actions 	<p>and procedures on vendor and process performance</p> <ul style="list-style-type: none"> • Identify opportunities to introduce cost-cutting, risk mitigation and continuous improvement measures within the scope of procurement • Build evidence-based business cases to review procurement and sourcing strategies and policies in order to optimise performance 	
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