

KILLS FRAMEWORK FOR SEA TRANSPORT SKILLS MAP - PRINCIPAL MARINE SURVEYOR				
Sector	Sea Transport			
Track	Maritime Services			
Sub-track	Technical Services			
Occupation	Marine Surveyor			
Job Role	Principal Marine Surveyor			
Job Role Description	<p>The Principal Marine Surveyor oversees the conduct of classification surveys of ships, which may include new construction and ships in service. He/She ensures deficiencies have been rectified and analyses data obtained from surveys to formulate recommendations for classification.</p> <p>He possesses expert knowledge of a ship's hull, machinery, materials, equipment and safety systems of ships, and should be physically fit to work in confined spaces and from height.</p>			
Critical Work Functions and Key Tasks	Critical Work Functions		Key Tasks	
	Assess the condition and seaworthiness of the vessel		Validate findings on the condition of ships' hull, machinery and equipment	
			Confirm rectification of identified deficiencies in ships	
			Observe operating tests on components, machinery, equipment and cargo gear	
			Validate and approve reports	
	Lead improvements to enhance efficiency		Oversee implementation of workflow improvements to improve efficiency	
		Assess viability of workflow improvements		
Manage resource planning		Develop strategies for resource planning and utilisation		
		Review the utilisation of resources		
Skills & Competencies	Technical Skills & Competencies		Generic Skills and Competencies (Top 5)	
	Budgeting	Level 4	Service Orientation	Advanced
	Business Data Analysis	Level 2	Interpersonal Skills	Advanced
	Cyber Security	Level 3	Communication	Advanced
	Financial Analysis	Level 4	Leadership	Advanced
	Financial Management	Level 4	Creative Thinking	Advanced
	Hull Inspections	Level 5		
	Innovation	Level 4		
	Marine Incident and Accident Investigations	Level 5		
	Marine Survey Reporting	Level 5		
	Networking	Level 4		
	Resource Management	Level 4		
	Risk Compliance and Governance	Level 5		
	Risk Control and Response Planning	Level 5		
	Service Excellence	Level 4		
	Ship Propulsion Inspections	Level 5		
	Ship Safety Management Systems Audit	Level 5		
Technology Integration	Level 2			
Work at Heights	Level 3			
Programme Listing	For a list of Training Programmes available for the Sea Transport sector, please visit: www.skillsfuture.sg/skills-framework/sea-transport			

The information contained in this document serves as a guide.