

SKILLS FRAMEWORK FOR SEA TRANSPORT SKILLS MAP - SENIOR MARINE SURVEYOR/MARINE SURVEYOR				
Sector	Sea Transport			
Track	Maritime Services			
Sub-track	Technical Services			
Occupation	Marine Surveyor			
Job Role	Senior Marine Surveyor/Marine Surveyor			
Job Role Description	The Senior Marine Surveyor/Marine Surveyor undertakes inspections of ships for the purpose of classification and may also carry out statutory ship surveys on statutory items on behalf of the flag state. He/She has two roles - one as a representative of the classification society; and the other as an inspector on behalf of the country with which the ship is registered (the flag state), and upon inspection makes recommendations to the relevant classification society and/or the flag state. He is expected to execute his duties with fidelity and maintain impartiality when dealing with all parties and be physically fit to work in confined spaces and from height while adhering to a tight schedule.			
Critical Work Functions and Key Tasks	Critical Work Functions		Key Tasks	
	Assess the condition and seaworthiness of the vessel		Survey ships to ascertain condition of hull, machinery and equipment, cyber security readiness, and fulfilment of the International Ship and Port Facility Security (ISPS) and International Safety Management (ISM) codes	
			Inspect condition of propellers, rudders and sea valves	
			Examine underwater section of hull to ascertain conditions that indicate repairs are required	
			Prepare reports on surveys conducted and recommend actions	
	Manage resource planning		Optimise utilisation of resources	
Lead improvements to enhance efficiency		Acquire and allocate resources to support operations		
		Propose workflow improvements to improve efficiency		
		Assist with implementation of workflow improvements to improve efficiency		
Skills and Competencies	Technical Skills and Competencies		Generic Skills and Competencies (Top 5)	
	Business Data Analysis	Level 2	Service Orientation	Advanced
	Confined Space Work	Level 1	Interpersonal Skills	Advanced
	Cyber Security	Level 3	Communication	Advanced
	Hull Inspections	Level 4	Creative Thinking	Advanced
	Innovation	Level 3	Problem Solving	Advanced
	Marine Incident and Accident Investigations	Level 4		
	Marine Survey Reporting	Level 4		
	Networking	Level 3		
	Organisational Strategy and Policy Realisation	Level 3		
	Resource Management	Level 3		
	Risk Compliance and Governance	Level 4		
	Risk Control and Response Planning	Level 4		
	Service Excellence	Level 3		
	Ship Safety Management Systems Audit	Level 4		
	Ship Propulsion Inspections	Level 4		
Technology Integration	Level 2			
Work at Heights	Level 1			
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.