

**SKILLS FRAMEWORK FOR SEA TRANSPORT
SKILLS MAP - 2nd/3rd/4th OFFICER**

Sector	Sea Transport			
Track	Shipping			
Occupation	Deck Officer			
Job Role	2nd/3rd/4th Officer			
Job Role Description	<p>The 2nd/3rd/4th Officer is responsible for maintaining the bridge navigational and communications equipment and safety equipment related to saving lives and fighting fires on board. He/She reports to the ship captain and is primarily responsible for safe route planning, maintaining charts and publications. He also assists in emergencies by responding to search and rescue operations, while exercising sound judgment during emergencies and crises.</p> <p>The 2nd/3rd/4th Officer must pass a colour vision test and must fulfil the requirements stipulated in the Standards of Training, Certification and Watchkeeping for Seafarers (STCW) issued by the International Maritime Organisation (IMO).</p>			
Critical Work Functions, Key Tasks and Performance Expectations	Critical Work Functions	Key Tasks	Performance Expectations (For legislated/ regulated occupations)	
			<p>In accordance with:</p> <ul style="list-style-type: none"> Standards of Training, Certification and Watchkeeping for Seafarers (STCW) 	
	Execute ship navigation	Plan and conduct a passage and determine position		
		Maintain a safe navigational watch		
		Maintain safety of navigation using radar, automatic radar plotting aid (ARPA) and electronic chart display and information system (ECDIS)		
		Use International Maritime Organisation (IMO) standard maritime communication phrases		
		Transmit and receive information by visual signalling		
		Use of ECDIS to maintain the safety of navigation		
		Manoeuvre the ship		
	Respond to search and rescue operations	Respond to a distress signal at sea		
		Respond to emergencies		
	Execute cargo handling and stowage operations	Monitor the loading, stowage, securing and care during the voyage and unloading of cargoes		
		Inspect and report defects and damage to cargo spaces, hatch covers and ballast tanks		
Execute ship operations	Ensure compliance with pollution-prevention requirements			
	Maintain seaworthiness of the ship			
	Apply medical first aid on board ship			
	Supervise the crew and encourage teamwork amongst the crew			
	Prevent, control and fight fires on board			
	Operate life-saving equipment and apply medical first aid on board ships			
	Monitor compliance with legislative requirements			
	Contribute to the safety of personnel and the ship			
Skills and Competencies	Technical Skills and Competencies		Generic Skills and Competencies (Top 5)	
	Cargo Handling and Stowage	Level 3	Communication	Intermediate
	Cyber Security	Level 3	Decision Making	Basic
	Fire Prevention and Fire-fighting	Level 3	Global Mindset	Basic
	Navigation and Position Determination	Level 3	Interpersonal Skills	Intermediate
	Navigation Watch	Level 3	Managing Diversity	Basic
	Personal Survival Techniques	Level 1		
	Search and Rescue Operations	Level 3		
	Ship Medical Care	Level 1		
	Ship Security	Level 3		
Survival Craft and Rescue Boats	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.