

**SKILLS FRAMEWORK FOR SEA TRANSPORT
SKILLS MAP - SHIP CAPTAIN/CHIEF MATE**

Sector	Sea Transport			
Track	Shipping			
Occupation	Deck Officer			
Job Role	Ship Captain/Chief Mate			
Job Role Description	<p>The Ship Captain/Chief Mate has overall command and control of the ship's crew, navigation, manoeuvring, cargo handling and stowage, communications and safe handling of the ship while ensuring compliance with the local and international laws, as well as the port state and flag state policies.</p> <p>He/She must adhere to the budget assigned for the voyage and is responsible for delivering the cargo safely. He oversees search and rescue operations and is an organised person with a strong eye for detail. The Ship Captain/Chief Mate 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	Manage navigation of ships	Determine position and accuracy of resultant position fix by any means	Performance Expectations (For legislated / regulated occupations) In accordance with: • Standards of Training, Certification and Watchkeeping for Seafarers (STCW)
			Determine and allow for compass errors	
			Establish watch-keeping arrangements and procedures	
			Manage safe navigation through the use of information from navigation equipment and systems to assist command decision-making	
			Maintain the safety of navigation through the use of electronic chart display and information system (ECDIS) and associated navigational system to assist command decision-making	
			Maintain communications with relevant coastal states as per navigational passage	
			Interpret weather and oceanographic conditions	
			Manoeuvre and handle a ship in all conditions	
			Operate remote controls of propulsion plant and engineering systems and services	
			Manage search and rescue operations and navigational emergencies	
	Respond to emergencies			
	Manage cargo handling and stowage	Plan and ensure safe loading, stowage, securing and care during the voyage and unloading of cargoes		
		Assess reported defects and damage to cargo spaces, hatch covers and ballast tanks and take appropriate action		
		Manage carriage of dangerous goods		
Control the operation of the ship and care for persons on board		Control trim, stability and stress		
Monitor and control compliance with legislative requirements and measures to ensure safety of life at sea, security and protection of the marine environment				
Maintain safety and security of the ship, crew and passengers and the operational condition of life-saving, fire-fighting and other safety systems				
Lead and manage the ship's crew				
Organise and manage the provisions of medical care on board				
Develop emergency and damage control plans and handle emergency situations				
Skills and Competencies	Technical Skills and Competencies		Generic Skills and Competencies (Top 5)	
	Cargo Handling and Stowage	Level 4	Communication	Advanced
	Cyber Security	Level 3	Decision Making	Intermediate
	Fire Prevention and Fire-fighting	Level 4	Global Mindset	Intermediate
	Navigation and Position Determination	Level 4	Interpersonal Skills	Intermediate
	Navigation Watch	Level 4	Leadership	Intermediate
	Personal Survival Techniques	Level 1		
	Propulsion, Plant and Machinery	Level 3		
	Search and Rescue Operations	Level 4		
	Ship Medical Care	Level 2		
Ship Security	Level 4			

	Survival Craft and Rescue Boats	Level 2	
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.

