

SKILLS FRAMEWORK FOR SEA TRANSPORT SKILLS MAP - HEAD OF VESSEL STOWAGE

Sector	Sea Transport			
Track	Shipping			
Sub-track	Shipping Operations			
Occupation	Stowage Planner			
Job Role	Head of Vessel Stowage			
Job Role Description	<p>The Head of Vessel Stowage oversees the development and implementation of vessel itineraries and stowage plans, focusing on maximising profit and minimising operational costs. He/She leads a team in daily vessel loading and unloading operations and oversees cargo allotment assignments. He reviews manpower allocations and works collaboratively with senior management and other key stakeholders to implement cost-effective cargo handling strategies. He reviews vessel, cargo and routing risks and develops strategies to minimise operational disruptions.</p> <p>He has an in-depth understanding of cost management, with strong analytical and numerical skills to identify improvements to current operational systems.</p>			
Critical Work Functions, Key Tasks and Performance Expectations	Critical Work Functions	Key Tasks	Performance Expectations (For legislated/regulated occupations)	
	Manage cargo operations planning	Lead strategy development for cargo handling, vessel docking and booking, and transshipment operation	In accordance to: <ul style="list-style-type: none"> International Maritime Dangerous Goods (IMDG) code 	
		Oversee and improve key stakeholder liaison strategies to efficiently obtain stowage information, vessel layouts and safety requirements		
		Review and improve dangerous cargo handling strategies, in collaboration with stakeholders of capacity management teams		
		Oversee cargo allotment and stowage planning assignments team members		
		Develop cost-effective cargo handling strategies, in accordance with international safety regulations		
		Oversee communications with global sea ports to ensure and improve operational performance.		
	Manage port operations planning	Develop strategies to minimise risks of delays in turnaround times		
	Manage voyage and route planning	Revise vessel stowage optimisation strategies, in collaboration with line operations and network teams, to improve vessel profit and loss outcomes		
		Oversee all cargo lashing activities for assigned vessels and ensure compliance with international safety regulations		
Manage communications with vessels, agents, terminals and other internal stakeholders to ensure integrity of shipping schedules				
Identify strategies to improve international shipping documentation processes				
	Review proposed alternative schedules, vessels and routes and relay them to internal stakeholders			
Skills and Competencies	Technical Skills and Competencies		Generic Skills and Competencies (Top 5)	
	Bulk Cargo Administration	Level 5	Global Mindset	Advanced
	Cargo Handling and Stowage	Level 6	Leadership	Advanced
	Cyber Security	Level 3	Decision Making	Advanced
	Dangerous Goods Management	Level 4	Resource Management	Advanced
	Documentation and Administration	Level 4	Developing People	Advanced
	International Trade Legislation Compliance	Level 5		
	Logistics Operations Research and Planning	Level 5		
	Process Improvement and Optimisation	Level 4		
	Quality Assurance	Level 5		
	Risk Compliance and Governance	Level 4		
	Resource Management	Level 5		
	Ship Operations	Level 5		
	Stowage Load Planning	Level 4		
	Stakeholder Management	Level 5		
Time-Sensitive Cargo Delivery Management	Level 5			
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.