

SKILLS FRAMEWORK FOR SEA TRANSPORT SKILLS MAP - STOWAGE MANAGER/SENIOR STOWAGE PLANNER						
Sector	Sea Transport					
Track	Shipping					
Sub-track	Shipping Operations					
Occupation	Stowage Planner					
Job Role	Stowage Manager/Senior Stowage Planner					
Job Role Description	<p>The Senior Stowage Planner supports the management of cargo allotment and stowage on vessels. He/She communicates and coordinates among port operators, cargo surveyors, vessel crew and other key stakeholders to ensure that vessel loading, and unloading is conducted safely and efficiently. He reviews shipping itineraries and stowage plans to maximise profit.</p> <p>He is highly driven, systematic and is able to work under pressure to improve vessel turnaround speed.</p>					
Critical Work Functions, Key Tasks and Performance Expectations	Critical Work Functions	Key Tasks	Performance Expectations (For legislated/ regulated occupations)			
				Manage cargo operations planning	Oversee coordination of cargo handling and trans-shipment operations with port operators, capacity management teams, cargo consignees and other key stakeholders	In accordance to: <ul style="list-style-type: none"> International Maritime Dangerous Goods (IMDG) code
					Liaise with capacity management teams and network teams to obtain stowage information, vessel layouts and safety requirements	
					Develop dangerous cargo handling strategies in collaboration with capacity management teams	
					Manage cargo allotment and stowage planning according to vessel port rotations, container characteristics and cargo types	
					Oversee the implementation of cost-effective cargo handling strategies according to international safety regulations	
		Monitor the transmission and receipt of stowage plans from global sea ports via electronic data interchange (EDI) files				
		Manage port operations planning	Oversee manpower allocation during loading and unloading of vessels			
			Oversee stowage issues that affect turnaround time of vessels and make recommendations to mitigate delays			
		Manage voyage and route planning	Oversee vessel stowage optimisation plans and make recommendations to enhance cargo mixture strategies			
			Ensure all cargo on board vessels are securely lashed according to international safety regulations			
			Review shipping itineraries, and establish communications with vessels, agents, terminals and other stakeholders, to minimise operational costs			
		Review and ensure essential travel documentations for international shipping are in place				
		Develop proposals for alternative schedules, vessels and routes to improve vessel and stowage efficiency, reduce operational costs and maximise profitability				
Skills and Competencies	Technical Skills and Competencies		Generic Skills and Competencies (Top 5)			
	Bulk Cargo Administration	Level 4	Communication	Intermediate		
	Cargo Handling and Stowage	Level 5	Digital Literacy	Intermediate		
	Cyber Security	Level 3	Problem Solving	Intermediate		
	Dangerous Goods Management	Level 3	Decision Making	Intermediate		
	Documentation and Administration	Level 3	Developing People	Intermediate		
	International Trade Legislation Compliance	Level 4				
	Logistics Operations Research and Planning	Level 4				
	Process Improvement and Optimisation	Level 3				
	Quality Assurance	Level 4				
	Resource Management	Level 4				
	Ship Operations	Level 4				
Stowage Load Planning	Level 3					

	Stakeholder Management	Level 4	
	Time-Sensitive Cargo Delivery Management	Level 4	
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.