

**SKILLS FRAMEWORK FOR SEA TRANSPORT
SKILLS MAP - CAPACITY MANAGER**

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| Sector | Sea Transport | | | |
| Track | Shipping | | | |
| Sub-track | Shipping Operations | | | |
| Occupation | Vessel Capacity Manager | | | |
| Job Role | Capacity Manager | | | |
| Job Role Description | <p>The Capacity Manager oversee daily operations and review capacity forecasts and develops process improvements to maximise voyage yields. He/She develops cargo mixture strategies, based on profit maximisation and customer demand, and manages all vessel operations planning to optimise capacity utilisation, terminal operations, vessel utilisation, vessel movement and route adjustment strategies.</p> <p>He has a strong understanding of commercial and financial drivers in the shipping industry. He has strong leadership skills to manage multiple internal and external stakeholders and demonstrates commitment to exceptional customer service.</p> | | | |
| Critical Work Functions and Key Tasks | Critical Work Functions | | Key Tasks | |
| | Manage sector capacity planning | | Develop cargo mixture strategies based on profit maximisation and customer demand | |
| | | | Optimise capacity planning of vessels based on cargo mixture strategies | |
| | | | Direct cargo flow operations within service routes | |
| | | | Review and administer alternative proposals and contingencies to handle capacity issues | |
| | | | Evaluate feasibility of potential collaborations for optimising capacity arrangements based on routing, port of call and vessel utilisation considerations | |
| | | | Recommend vessel sharing agreements with potential partners | |
| | Manage vessel operations planning | | Identify network changes and develop capacity requirement solutions with network planning teams | |
| | | | Oversee coordination of cargo handling and transshipment operations with port operators, ship planning teams, cargo consignees and other key stakeholders | |
| | | | Manage collaborations with yard planners and ship planning team when handling container specific cargo to optimise cargo operations in terminals (e.g. vessel turn-around time, lift-ons and lift-offs, and trans-shipment cargo allocations) | |
| | | | Manage the re-distribution of cargo allocations with a focus on optimising vessel utilisation and reducing costs | |
| | | | Assess and develop dangerous cargo handling strategies in collaboration with ship planning teams | |
| | | Oversee daily operations and review capacity forecasts | | |
| Optimise voyage and route planning | | Optimise vessel movement and route adjustment strategies | | |
| | | Propose contingency plans for schedule recovery and cargo transport arrangements | | |
| | | Communicate monthly voyage results and plans with trade and pricing teams to determine opportunities for profit maximisation | | |
| | | Reviewing monthly forecasts against actual results to develop process improvements to maximise voyage yields | | |
| Skills and Competencies | Technical Skills and Competencies | | Generic Skills and Competencies (Top 5) | |
| | Bulk Cargo Administration | Level 4 | Communication | Intermediate |
| | Business Data Analysis | Level 3 | Problem Solving | Intermediate |
| | Cargo Tracking System Administration | Level 3 | Decision Making | Intermediate |
| | Cyber Security | Level 3 | Sense Making | Intermediate |
| | Dangerous Goods Management | Level 3 | Digital Literacy | Intermediate |
| | Delivery Management | Level 3 | | |
| | Documentation and Administration | Level 4 | | |
| | International Trade Legislation Compliance | Level 4 | | |
| | Logistics Operations Research and Planning | Level 4 | | |
| | Partnership Management | Level 4 | | |
| | Process Improvement and Optimisation | Level 4 | | |
| | Resource Management | Level 4 | | |
| | Ship Operations | Level 4 | | |
| Stakeholder 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.