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. 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 fulfill the requirements stipulated in the Standards of Training, Certification and Watchkeeping for Seafarers (STCW) issued by the International Maritime Organisation (IMO).

### Critical Work Functions and Key Tasks

#### Critical Work Functions
- Manage navigation of ship
- Manage search and rescue operations and navigational emergencies
- Manage cargo handling and stowage
- Control the operation of the ship and care for persons on board

#### Key Tasks
- Plan a voyage and conduct navigation
- Determine position and accuracy of resultant position fix by any means
- 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 ECDIS and associated navigational system to assist command decision making
- Maintain communications with relevant coastal states as per navigational passage
- Forecast weather and oceanographic conditions
- Operate remote controls of propulsion plant and engineering systems and services
- Coordinate search and rescue operations
- Respond to navigational emergencies
- 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 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

#### Technical Skills and Competencies

<table>
<thead>
<tr>
<th>Skills and Competencies</th>
<th>Level</th>
<th>Generic Skills and Competencies (Top 5)</th>
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<td>Communication (Advanced)</td>
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<td>Fire Prevention and Fire Fighting</td>
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<td>Navigation and Position Determination</td>
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<td>Global Mindset (Intermediate)</td>
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<td>Navigation Watch</td>
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<td>Personal Survival Techniques</td>
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<td>Ship Medical Care</td>
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<tr>
<td>Survival Craft and Rescue Boats</td>
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</tbody>
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For a list of Training Programmes available for the Sea Transport sector, please visit: [www.skillsfuture.sg/skills-framework/sea-transport](http://www.skillsfuture.sg/skills-framework/sea-transport)