<table>
<thead>
<tr>
<th>TSC Category</th>
<th>Solutioning and Programme Management</th>
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</thead>
<tbody>
<tr>
<td>TSC</td>
<td>Bulk Cargo Administration</td>
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<tr>
<td>TSC Description</td>
<td>Manage and administer transportation for unpacked commodity cargo (both liquid and dry) in large quantities</td>
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<tr>
<th>TSC Proficiency Description</th>
<th>Level 1</th>
<th>Level 2</th>
<th>Level 3</th>
<th>Level 4</th>
<th>Level 5</th>
<th>Level 6</th>
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<tr>
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<td>LOG-SCL-3013-1.1</td>
<td>LOG-SCL-4013-1.1</td>
<td>LOG-SCL-5013-1.1</td>
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<tr>
<td>Implement bulk cargo transportation management plans</td>
<td>Facilitate the development of bulk cargo transportation management plans</td>
<td>Formulate bulk cargo strategies to meet business requirements while elevating business profitability</td>
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**Knowledge**
- Fundamental differences between dry bulk cargo ships, general purpose ships, liners and tankers
- Basic dimensions, design and construction details of cargo handling gear
- Terminology of measuring ships including dimensions, actual and pseudo tonnages
- Information contained in capacity, general arrangement and stowage plans
- Ship classification
- Safety Systems and Equipment
- Bills of Lading
- Voyage estimating
- Bulk sector economics
- Relative importance of major market centres
- Freight Market Reports
- Freight Market Indices
- Terminal and ship-side operations in bulk cargo transfers
- Cargo laytime and demurrage
- Bulk cargo management strategies
- Techniques to project bulk cargo demand
- Capacity planning strategies
- Impact of external factors on market practices
- Dispute resolution

**Abilities**
- Organise documents for pack and bulk shipments
- Maintain fulfilment of Contract of Affreightment (COA) obligations
- Maintain cargo operations
- Implement chartering process for bulk cargo shipment
- Facilitate appointment of vessel and cargo surveyors relating to shipment
- Review market reports to predict market movements or trends
- Develop strategies to handle bulk cargo transfers
- Develop detailed plans for entire cargo cycle
- Formulate future bulk cargo demand to determine capacity load of distribution networks
- Drive new markets, new customers and new business opportunities
- Drive dispute resolution arising from bulk cargo operations and chartering