

## Specification of Competency Standards for the Logistics Industry

### Unit of Competency

1. Title	Formulate ship schedule	
2. Code	LOSGOM602A	
3. Range	This unit of competency is applicable to shipping companies and relevant sea freight operators. Practitioners should be capable to formulate sail schedule according to corporate requirements so as to meet the changing needs of the market.	
4. Level	6	
5. Credit	9 ( for reference only )	
6. Competency	<u>Performance Requirements</u>	
	6.1 Knowledge of ship schedule	<ul style="list-style-type: none"> <li>◆ Understand the importance and influence of ship scheduling on corporate development strategy</li> <li>◆ Understand the current situation and the trend of the overall shipping market, including:               <ul style="list-style-type: none"> <li>• Source, type and quantity of goods</li> <li>• Mode of import and export, such as transshipment or direct import/export</li> <li>• Market coverage</li> <li>• Connection with other routes</li> <li>• Strategies and behaviour of competitors</li> <li>• Solicit market information and understand customers' requirements</li> </ul> </li> <li>◆ Understand port conditions, such as the number of berths, port facilities and limitations and routines</li> </ul>
	6.2 Formulate ship scheduling	<ul style="list-style-type: none"> <li>◆ Estimate the configuration of ships               <ul style="list-style-type: none"> <li>• The number, overall length, maximum draught, speed, fuel consumption and loading of ships</li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>• Other facilities such as handling positions for refrigerated containers, onboard cranes, etc.</li> <li>◆ Analyze port conditions, such as the number of berths, port facilities and limitations</li> <li>◆ Calculate and analyze the revenue- and cost-structure of the routes <ul style="list-style-type: none"> <li>• Estimate the cargo quantities of each port of call and the revenues generated</li> <li>• Estimate the operational costs in relation to the port, the ship and containers</li> </ul> </li> <li>◆ Analyze and design routes: <ul style="list-style-type: none"> <li>• Routes, no. of port of call and the number of ports berthed</li> <li>• Schedule and frequency</li> </ul> </li> <li>◆ Negotiate with partners and reach agreement on details, including: <ul style="list-style-type: none"> <li>• Allocation of various costs between parties</li> <li>• The number of ships provided by each company</li> <li>• Basic quota of cargo spaces</li> </ul> </li> </ul>
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to cope with the development strategy of the company closely; to analyze the strategies of competitors and the market supply, and make adjustments on ship scheduling accordingly; plan and formulate new ship route to meet the changing needs of the market.</p>
8. Remarks	