1. Title	Manage ship systems' operations
2. Code	EMSROM401A
3. Range	Apply the knowledge of ship systems' operations to the formulation of work specifications and in-house guidelines to meet the standard for operation when handling management tasks.
4. Level	4
5. Credit	3

6. Competency	<table><tr><td colspan="3" align="center">Performance Requirements</td></tr><tr><td>6.1</td><td>Knowledge of ship system operation management</td><td>♦ Master the guidelines for ship systems' maintenance management
	   • Importance and methods of matching the maintenance policy with corporate goal of operation
	   • Maintenance requirements for all kinds of ship facilities
	♦ Master the key points for materials management
	   • Special arrangement for storage of materials e.g. moisture proof and antiseptic protection
	   • Procurement program
	   • Communication among ship fleets e.g. inter-change or loan of accessories</td></tr><tr><td>6.2</td><td>Methods of managing ship systems' operations</td><td>♦ Know how to formulate work specifications and in-house guidelines to enhance operation performance, such as:
	   • Designing or selecting appropriate data access system e.g. spare work piece index and checklist control
	♦ Be familiar with system operation mode, make good use of resources, and maintain smooth operation in the most economical and effective way</td></tr><tr><td>6.3</td><td>Professionalism in managing ship systems' operations</td><td>♦ Follow in-house guidelines and factors of actual operation to manage ship system operations
	♦ Improve existing operational performance, conduct reviews from time to time and adopt measures accordingly, or explore alternative way of management</td></tr></table>

7. Assessment Criteria	The integrated outcome requirements of this unit of competency are: (i) Capable to manage, plan and control ship system operations; (ii) Capable to set clear goal for operation and formulate work specifications and in-house guidelines for implementation; and (iii) Capable to review operational performance and implement improvement measures if necessary.
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses basic management knowledge.