

1. Title	Read main basic ship hull drawings
2. Code	EMSRIN101A
3. Range	Obtain information on ship structure from the content of ship drawings in the course of reading the drawings (for the works such as ship structural repairs, ship facility design, assisting in maintenance work, etc.) in order to participate in discussions on locating system failures, structure assembly or repairs.
4. Level	1
5. Credit	3
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Knowledge of ship hull drawing specifications and basic ship overall arrangement</p> <ul style="list-style-type: none"> ◆ Understand specification content of general ship hull drawings <ul style="list-style-type: none"> • Meanings of symbols • Dimension marking patterns • International standard abbreviations ◆ Understand the distribution of ship hull structure and basic overall arrangement <ul style="list-style-type: none"> • Ship (anti-sinking) subdivision arrangement • Compartment arrangement • Access arrangement <p>6.2 Techniques of reading ship drawings</p> <ul style="list-style-type: none"> ◆ Read main basic ship hull drawings in order to obtain information and participate in relevant works, such as: <ul style="list-style-type: none"> • Overall arrangement drawing • Structural drawings of decks, storage and oil and water tanks • Piping layout • main power system and machine room layout
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to read main basic ship drawings in order to obtain information and participate in relevant works.</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses the knowledge of reading basic engineering drawings.