

Current qualification/s	Proposed draft qualification	Key changes
<p>MAR60215 Advanced Diploma of Maritime Operations (Marine Engineering Class 1)</p> <p>MAR60115 Advanced Diploma of Maritime Operations (Marine Engineering Class 2)</p>	<p>Advanced Diploma of Marine Engineering</p>	<ul style="list-style-type: none"> • New Engineering Class 1 qualification has been developed • Seafarers will only be required to complete 1 qualification to achieve Chief Engineer (Class 1) and Second Engineer • Second Engineer (Class 2) and Chief Engineer (Class 1) have been incorporated into 1 qualification to align with STCW • Second Engineer (Class 2) qualification will to be deleted • Advanced Class 1 and Intermediate Class 2 units have been merged together including 2 basic units (see table below) • New ETO units have been included into this qualification (MARB996X Use internal communication systems, operate computers and computer networks on ships; MARB997X Operate and maintain ship power systems exceeding 1,000 volts; MARB998X Maintain control and safety systems hotel and equipment; MARB999X Maintain and repair bridge navigation equipment and ship communication systems) • Seafarers have the option of developing skills to meet specialist STCW training requirements (see Group D – specialist electives) <p>Note: The MAR60215 Advanced Diploma of Maritime Operations (Marine Engineering Class 1) will stay in place to allow those who hold MAR60115 Advanced Diploma of Maritime Operations (Marine Engineering Class 2) to advance to the next level.</p>
<p>MAR50115 Diploma of</p>	<p>Diploma of Marine Engineering</p>	<ul style="list-style-type: none"> • New qualification title

Current qualification/s	Proposed draft qualification	Key changes
<p>Maritime Operations (Engineer Watchkeeper)</p> <p>MAR50613 Diploma of Maritime Operations (Marine Engineering Class 3 Near Coastal)</p>	<ul style="list-style-type: none"> • Engineer Watchkeeper • Engineer Near Coastal • Electro-Technical Officer (New) 	<ul style="list-style-type: none"> • Engineer Watchkeeper, Electro-Technical Officer and Engineer Class 3 Near Coastal has been incorporated ('streamed') into the Diploma • New Electro-Technical officer (ETO) qualification has been developed and incorporated ('streamed') into the Diploma • New ETO units have been included into this qualification (Use internal communication systems, operate computers and computer networks on ships; Operate and maintain ship power systems exceeding 1,000 volts; Maintain control and safety systems hotel and equipment; Maintain and repair bridge navigation equipment and ship communication systems) • Seafarers have the option of developing skills to meet specialist STCW training requirements (see Group C: Specialist units) • Seafarers have the option of completing 2 units and achieving Electro-Technical Officer and Engineer Watchkeeper
<p>MAR40518 Certificate IV in Maritime Operations (Marine Engine Driver Grade 1 Near Coastal)</p>	<p>Certificate IV in Maritime Operations (Marine Engine Driver Grade 1 Near Coastal)</p>	<ul style="list-style-type: none"> • Improving assessment requirements • Increasing assessment rigour • Specifying minimum resources for assessment.

Current Class 1 Advanced and Class 2 Intermediate Units of Competency	Proposed Units of Competency	Key Change
MARL014 Apply intermediate principles of marine electrotechnology MARL018 Apply advanced principles of marine electrotechnology	Apply advanced principles of marine electrotechnology	Merged
MARL015 Apply intermediate principles of marine engineering thermodynamics MARL019 Apply advanced principles of marine engineering thermodynamics	Apply advanced principles of marine engineering thermodynamics	Merged
MARL016 Apply intermediate principles of marine mechanics MARL020 Apply advanced principles of marine mechanics	Apply advanced principles of marine mechanics	Merged
MARL017 Apply intermediate principles of naval architecture MARL021 Apply advanced principles of naval architecture	Apply advanced principles of naval architecture	Merged
MARL024 Demonstrate intermediate knowledge of marine auxiliary boilers MARL030 Demonstrate advanced knowledge of marine auxiliary boilers	Demonstrate advanced knowledge of marine auxiliary boilers	Merged
MARL025 Demonstrate intermediate knowledge of marine auxiliary machinery and systems MARL031 Demonstrate advanced knowledge of marine auxiliary machinery and systems	Demonstrate advanced knowledge of marine auxiliary machinery and systems	Merged
MARL026 Demonstrate intermediate knowledge of marine control systems and automation	Demonstrate advanced knowledge of marine control systems and automation	Merged

Current Class 1 Advanced and Class 2 Intermediate Units of Competency	Proposed Units of Competency	Key Change
MARL032 Demonstrate advanced knowledge of marine control systems and automation		
MARL027 Demonstrate intermediate knowledge of marine diesel engines and systems MARL033 Demonstrate advanced knowledge of marine diesel engines and systems	Demonstrate advanced knowledge of marine diesel engines and systems	Merged
MARL028 Demonstrate intermediate knowledge of marine electrical systems MARL034 Demonstrate advanced knowledge of marine electrical systems	Demonstrate advanced knowledge of marine electrical systems	Merged
MARL029 Demonstrate intermediate knowledge of marine steam turbines and main boilers MARL035 Demonstrate advanced knowledge of marine steam turbines and main boilers	Demonstrate advanced knowledge of marine steam turbines and main boilers	Merged
MARL023 Demonstrate basic knowledge of ship operation and maintenance MARL022 Demonstrate basic knowledge of ship construction MARL036 Demonstrate advanced knowledge of ship operation and maintenance	Demonstrate advanced knowledge of ship operation and maintenance	Merged
Current Engineering Unit of Competency	Key change	
MAREE01 Communicate effectively when performing engineering duties	The TAC has recommended that this Unit be deleted	