

<b>Title</b>	<b>Manage preventative maintenance on a deep-sea commercial seafood vessel</b>		
<b>Level</b>	<b>7</b>	<b>Credits</b>	<b>30</b>

<b>Purpose</b>	People credited with this unit standard are able to: explain the advantages of a planned approach to deep-sea commercial seafood vessel maintenance; explain the management of a planned maintenance system on a deep-sea commercial seafood vessel; prepare a maintenance plan for a deep-sea commercial seafood vessel; and prepare a maintenance work order for a contractor carrying out maintenance on a deep-sea commercial seafood vessel.
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<b>Classification</b>	Seafood > Seafood Vessel Operations
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<b>Available grade</b>	Achieved
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<b>Prerequisites</b>	Open.
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### Guidance Information

- 1 Legislation relevant to this unit standard includes but is not limited to – Ozone Layer Protection Act 1996; Health and Safety at Work Act 2015; Resource Management Act 1991 and local bylaws; Maritime Transport Act 1994, and Maritime Rules and Marine Protection Rules, and advisory circulars issued under the Rules.
- 2 *Company requirements* refer to instructions to staff on policy and procedures that are communicated in a verbal or written form. These requirements must include legislation requirements and company safety procedures, and may include but are not limited to, industry codes of practice and standards.

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### Outcomes and performance criteria

#### Outcome 1

Explain the advantages of a planned approach to deep-sea commercial seafood vessel maintenance.

#### Performance criteria

- 1.1 The explanation outlines the advantages of planned maintenance in terms of economics.

- 1.2 The explanation outlines the advantages of planned maintenance in terms of the occupational health and safety of the crew.
- 1.3 The explanation outlines the advantages of planned maintenance in terms of the safety of the vessel.

## **Outcome 2**

Explain the management of a planned maintenance system on a deep-sea commercial seafood vessel.

### **Performance criteria**

- 2.1 The explanation outlines methods for monitoring component wear.
- 2.2 The explanation outlines the advantages of a standard coding system for components of a vessel.
- 2.3 The explanation outlines a process for giving components critical ratings.
- 2.4 The explanation outlines a process for determining the optimum maintenance interval for components of a vessel.
- 2.5 The explanation outlines a process for determining the optimum level for spares stock.
- 2.6 The explanation outlines a process for scheduling maintenance throughout the year.
- 2.7 The explanation outlines methods for identifying trends and regular faults, and responding to these.
- 2.8 The explanation outlines a process for determining an annual maintenance budget.

## **Outcome 3**

Prepare a maintenance plan for a deep-sea commercial seafood vessel.

### **Performance criteria**

- 3.1 The plan details intervals consistent with the optimum maintenance interval, Classification Society requirements, legislative requirements, and company requirements.
- 3.2 The plan details work to be carried out in terms of contractor, equipment, and parts requirements.

**Outcome 4**

Prepare a maintenance work order for a contractor carrying out maintenance on a deep-sea commercial seafood vessel.

**Performance criteria**

- 4.1 The work order is consistent with the work described in the maintenance plan.
- 4.2 The work order details safety procedures to be complied with, consistent with legislative and company requirements.
- 4.3 The work order gives full instructions and details for the work to be done, the specifications to be met, relevant survey requirements, and the reporting requirements to the ship and the company.

<b>Planned review date</b>	31 December 2028
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	21 February 2005	N/A
Review	2	19 September 2008	N/A
Rollover and Revision	3	29 February 2024	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0123
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

**Comments on this unit standard**

Please contact the Muka Tangata - People, Food and Fibre Workforce Development Council [qualifications@mukatangata.nz](mailto:qualifications@mukatangata.nz) if you wish to suggest changes to the content of this unit standard.