

## Prepare descriptive reports of charter boats and commercial boats

**Level** 3

**Credits** 6

**Purpose** People credited with this unit standard are able to: describe charter and commercial boats in terms of design, type, and age; describe charter and commercial boats in terms of construction and maintenance; describe charter and commercial boats in terms of onboard systems, equipment, and accessories; and describe charter and commercial boats in terms of motive power system.

**Subfield** Boating Industries

**Domain** Marine Sales and Services

**Status** Registered

**Status date** 28 March 2001

**Date version published** 20 March 2009

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**Entry information** Open.

**Accreditation** Evaluation of documentation and visit by NZQA and industry.

**Standard setting body (SSB)** Boating Industry Training Organisation

**Accreditation and Moderation Action Plan (AMAP) reference** 0136

This AMAP can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

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## Special notes

1 Glossary of terms used in this unit standard

*Charter and commercial boats* – boats of up to 400 feet in length, propelled by sail and/or power plant, that are operated for hire and reward and are therefore required to be surveyed to Marine New Zealand standards. Charter boats are hired for direct operation by the charterer. Commercial boats may be used by the operator in order to provide a service. Examples of commercial operations are passenger service, goods service, tugs, fishing vessels, and barges.

In the context of this unit standard, *characteristics* are attributes of pleasure power boats that can affect their handling behaviour.

In the context of this unit standard, *features* are attributes of individual pleasure power boats that affect their attractiveness to users.

2 Range power boats – dinghies, trailer craft, launches, motor yachts, house boats, displacement hulls and planing hulls, monohulls and multihulls; sail boats – sailing dinghies, trailer sailers, keelers; monohulls and multihulls; regulatory requirements include but are not limited to – Marine New Zealand, local bodies.

3 The following apply to the performance of all elements of this unit standard:

- a All work practices must meet documented company quality management requirements. These include documentation of activities, events, and decisions.
- b All communications made in relation to this unit standard must be made in accordance with company procedures for content, recipient, timing, and method.
- c All activities must comply with any policies, procedures, and requirements of the organisation/s involved; the ethical codes of relevant professional bodies; and any relevant legislative and/or regulatory requirements, including the Health and Safety in Employment Act 1992, Resource Management Act 1991, Maritime Transport Act 1994, Fair Trading Act 1986 and the Consumer Guarantees Act 1993, and subsequent and delegated legislation.

4 This unit standard can be assessed on job.

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## Elements and performance criteria

### Element 1

Describe charter and commercial boats in terms of design, type, and age.

Range type – brand, internal and external configuration, classification, characteristics, features, performance.

### Performance criteria

- 1.1 Uses to which the boats can be put are identified in relation to their design, type, age, and condition.
- 1.2 Descriptions of charter and commercial boats' configuration are matched with the information requirements of the people requesting the reports.

- 1.3 Descriptions of the boats' hull type establish their suitability for intended purpose.
- Range hull type – displacement, planing, hard chine, round chine, monohull, multihull.
- 1.4 The boats' potential performance is analysed in terms of their design, type, and age, and is matched with the information requirements of the people requesting the reports.
- 1.5 The boats' warranty status, survey status, and regulatory requirements are described in accordance with the information requirements of the people requesting the reports.

## Element 2

Describe charter and commercial boats in terms of construction and maintenance.

### Performance criteria

- 2.1 Descriptions of materials used in the boats' construction establish their suitability for intended purpose.
- Range materials – timber, fibre-reinforced composite, aluminium, steel, ferro-cement.
- 2.2 Maintenance requirements are identified in relation to intended uses, on the basis of the boats' type, age, and construction.
- Range maintenance requirements include but are not limited to – cleaning, lubrication, replenishment, adjustment, painting, replacement of parts.
- 2.3 Descriptions of maintenance requirements establish time-frames, costs, and availability of spares and consumables.

## Element 3

Describe charter and commercial boats in terms of onboard systems, equipment, and accessories.

Range onboard systems – refrigeration, electrical, gas, plumbing, hydraulic; equipment and accessories include but are not limited to – navigation equipment, safety equipment, electronic equipment, deck equipment.

### Performance criteria

- 3.1 Onboard systems, equipment, and accessories are described in terms of their designed use, characteristics, and features.

- 3.2 Descriptions of onboard systems, equipment, and accessories establish their suitability for intended use.

#### **Element 4**

Describe charter and commercial boats in terms of motive power system.

Range motive power systems – sailing system and engine system;  
sailing system – sails, masts and spars, standing and running rigging, associated equipment and hardware;  
engine system – power plant and ancillary equipment, drive system, propulsion device (propeller, jet unit, drive line system, thrusters);  
power plant – inboard, outboard, petrol diesel.

#### **Performance criteria**

- 4.1 Motive power systems are described in terms of their designed use, characteristics, and features.
- 4.2 Descriptions of motive power systems establish their suitability for intended use, performance, economy, and life expectancy.

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#### **Please note**

Providers must be accredited by NZQA, or an inter-institutional body with delegated authority for quality assurance, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be accredited by NZQA before they can register credits from assessment against unit standards.

Accredited providers and Industry Training Organisations assessing against unit standards must engage with the moderation system that applies to those standards.

Accreditation requirements and an outline of the moderation system that applies to this standard are outlined in the Accreditation and Moderation Action Plan (AMAP). The AMAP also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

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#### **Comments on this unit standard**

Please contact the Boating Industry Training Organisation [training@bia.org.nz](mailto:training@bia.org.nz) if you wish to suggest changes to the content of this unit standard.