

Title	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.
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Classification	Boating Industries > Marine Sales and Services
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Available grade	Achieved
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Guidance Information

- 1 Definitions

Charter and commercial boats refers boats of up to 120 meters 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.

Characteristics are attributes of pleasure power boats that can affect their handling behaviour.

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.

Outcomes and performance criteria

Outcome 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.

Outcome 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.

Outcome 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.

Outcome 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.

This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	27 August 1997	31 December 2022
Review	2	28 March 2001	31 December 2022
Rollover and Revision	3	20 March 2009	31 December 2022
Rollover and Revision	4	31 May 2018	31 December 2022
Review	5	24 September 2020	31 December 2022

Consent and Moderation Requirements (CMR) reference	0136
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.