

Title	Carry out basic sailing and seamanship activities as a crew member on a keel boat		
Level	2	Credits	4

Purpose	People credited with this unit standard are able to prepare a keel boat for sailing, manoeuvre a keel boat under sail as a crew member, anchor a keel boat safely, row a dinghy to access a keel boat, helm a keel boat under supervision of the skipper, and de-rig a keel boat following sailing.
----------------	---

Classification	Outdoor Recreation > Yachting
-----------------------	-------------------------------

Available grade	Achieved
------------------------	----------

Guidance Information

- 1 Assessment of this unit standard must be conducted in a practical situation, on or around a keel boat on the water.
- 2 A keel boat is any sailing boat with sufficient stability to right itself from a horizontal position on the surface of the water if it has been rolled to 90 degrees.
- 3 For the purposes of this unit standard, learners must be able to swim 50 metres competently in open water, wearing light clothing and a buoyancy aid.
- 4 The standard of competency required by candidates for assessment against this unit standard is that of a novice crew member, as defined by Yachting New Zealand Keel Boat Certificate I and II. During assessment, the learner will be under the direction of the keel boat skipper.
- 5 There are minimum assessor requirements for assessment against this unit standard. The details of these requirements are available on Skills Active website <https://www.skillsactive.org.nz/>.
- 6 Performance of this unit standard complies with *Yachting New Zealand requirements* stated in Yachting New Zealand's National Sailing Scheme log books.

Outcomes and performance criteria

Outcome 1

Prepare a keel boat for sailing.

Performance criteria

- 1.1 Check of safety equipment ensures all required equipment is onboard and stowed safely.
- Range equipment includes – lifejackets (minimum of one per person), safety harnesses, navigation gear, fire extinguishers, first aid kit.
- 1.2 Selection of sails is appropriate for the conditions.
- Range conditions include – weather, wind, state of the tide, purpose of the sailing trip.
- 1.3 Set up of ropes and sails in preparation for hoisting meets the skipper's requirements and Yachting New Zealand requirements.
- Range set up includes – propeller clear of ropes, sail covers removed and stowed, sheets and halyards attached, mooring lines prepared for release.
- 1.4 Check of equipment ensures all required equipment is operating correctly.
- Range equipment includes – engine, fuel, cooling system, control panel gauges.
- 1.5 Starting and stopping the motor follows Yachting New Zealand requirements.

Outcome 2

Manoeuvre a keel boat under sail as a crew member.

- Range manoeuvres include – close hauled sailing, sailing on a beam reach, sailing on a broad reach, running, tacking, gybing, luffing, heaving to;
crew roles include – mainsheet hand, headsail trimmer, keyboard operator, foredeck hand.

Performance criteria

- 2.1 Hoisting and trimming of the mainsail for each manoeuvre is appropriate to the wind strength and is completed according to the instructions of the skipper.
- 2.2 Hoisting and trimming of the headsail for each manoeuvre is appropriate to the wind strength and is completed according to the instructions of the skipper.
- 2.3 Halyards and cleats are operated according to the instructions of the skipper.
- 2.4 Headsail and sheets are cleared for each manoeuvre according to the instructions of the skipper.
- 2.5 Headsail change is completed according to the instructions of the skipper and to Yachting New Zealand requirements.

- 2.6 Reef is set in mainsail according to the instructions of the skipper and to Yachting New Zealand requirements.
- 2.7 Reef is removed from mainsail according to the instructions of the skipper and to Yachting New Zealand requirements.
- 2.8 Handling of gear according to the instructions of the skipper allows boat to come alongside, stop and pick up a sailor overboard.

Outcome 3

Anchor a keel boat safely.

Performance criteria

- 3.1 Selection of anchorage allows for depth of keel, tide, wind, and other boats.
- 3.2 Lowering of anchor, laying of chain and manoeuvring of boat ensures anchor holds safely.
- 3.3 Lifting and secure stowage of anchor and chain is completed safely.

Outcome 4

Row a dinghy to access a keel boat.

Performance criteria

- 4.1 Boarding and exiting from dinghy are completed maintaining good balance.
- 4.2 Dinghy is rowed efficiently and is pulled up alongside a keel boat safely and smoothly.
- 4.3 Dinghy is secured safely with appropriate length of painter.

Outcome 5

Helm a keel boat under supervision of the skipper.

Performance criteria

- 5.1 Helming of the keel boat on different points of sail demonstrates awareness of wind direction and right of way rules, and meets Yachting New Zealand requirements.
- 5.2 Keel boat is brought alongside a floating object safely and smoothly in accordance with Yachting New Zealand requirements.

Range under power, under sail.

Outcome 6

De-rig a keel boat following sailing.

Performance criteria

6.1 Folding and stowage of sails and securing of equipment covers meet the skipper's instructions.

Range equipment covers include but are not limited to – mainsail, instruments, winches.

6.2 The decks are washed down and all equipment is washed, stored and secured according to the skipper's instructions.

Range equipment includes but is not limited to – tiller, safety equipment, bilge, hatches.

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	26 October 2005	31 December 2023
Review	2	28 October 2021	31 December 2023

Consent and Moderation Requirements (CMR) reference

0099

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