
YACHTING
**Carry out basic sailing and seamanship
activities as a crew member on a keel
boat**

level:	2
credit:	4
planned review date:	October 2007
sub-field:	Outdoor Recreation
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.
entry information:	Open.
accreditation option:	Evaluation of documentation by NZQA and industry.
moderation option:	A centrally established and directed national moderation system has been set up by Sport, Fitness and Recreation Industry Training Organisation.
special notes:	<ol style="list-style-type: none">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.

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- 5 There are minimum assessor requirements for assessment against this unit standard. The details of these requirements are available on the Sfrito website <http://www.sfrito.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*.

Elements and Performance Criteria

element 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*.

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element 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.

element 3

Anchor a keel boat safely.

performance criteria

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- 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.

element 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.

element 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.

element 6

De-rig a keel boat following sailing.

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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.

Comments on this unit standard

Please contact the Sport, Fitness and Recreation Industry Training Organisation info@sfrito.org.nz if you wish to suggest changes to the content of this unit standard.

Please Note

Providers must be accredited by the Qualifications Authority or a delegated inter-institutional body before they can register credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be accredited by the Qualifications Authority 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 providers wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

This unit standard is covered by AMAP 0102 which can be accessed at <http://www.nzqa.govt.nz/site/framework/search.html>.