

Title	Plan and prepare for multi-day, and guide one-day sea kayaking trips, with clients on open water		
Level	5	Credits	12

Purpose	People credited with this unit standard are able to: plan and prepare for a multi-day sea kayak trip; instruct clients on sea kayaking skills and procedures for a multi-day sea kayaking trip; guide clients on a one day open water sea kayaking trip; practice risk management during the sea kayaking trip; navigate on the sea kayaking trip; interpret weather on the sea kayaking trip; and demonstrate knowledge of beacons, buoyage and rules of the sea.
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Classification	Outdoor Recreation > Canoeing - Kayaking
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Available grade	Achieved
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Prerequisites	Unit 19431, <i>Complete a one-day and a multi-day sea kayaking trip with peers in close proximity to landing sites</i> ; and Unit 19433, <i>Demonstrate rescue procedures for sea kayaking on open water</i> , or demonstrate equivalent knowledge and skills.
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Guidance Information

1 Definitions

Dead reckoning is the advancement of boat position on a chart from its last accurately determined location using the course steered, the speed through the water and the elapsed time.

Open water is water that is open to ocean seas or considerable fetch from at least one direction.

Sea kayak is a fully decked water craft designed for one or two paddlers (using double bladed paddles) in individual cockpits wearing spraydecks. It has a minimum of two bulkheads with watertight hatch covers, creating buoyancy compartments fore and aft, which ensures the craft floats level on capsize. Hull shape should be appropriate for sea conditions, i.e. fore and aft rocker and flared ends. It has a rudder or skeg for directional control and deck lines and toggles for safety.

Worksite procedures refer to the documented policies and procedures for worksite activities required by the employer. All worksite procedures must meet current legislation.

- 2 Assessment against this unit standard should be carried out under the following environmental conditions. Minimum environmental conditions should not be less than: surf of 0.5 metres, swell of one metre, current of three knots, winds of 15 knots. Maximum environmental conditions should not exceed: winds up to 30 knots, surf up

to 1.5 metres, waves or swell up to 1.5 metres, current up to four knots. Water temperature must be above 10 degrees Celsius, and air temperature above 10 degrees Celsius.

- 3 All activities must comply with any relevant environmental, legislative and/or regulatory requirements set out in the *New Zealand Environmental Care Code*; *New Zealand Water Care Code*; Health and Safety in Employment Act 1992; Injury Prevention, Rehabilitation, and Compensation Act 2001; the Sea Kayak Operators Association of New Zealand (SKOANZ), *Commercial Kayaking Operators' Code Of Conduct*, September 2011 available at www.supportadventure.co.nz; and their subsequent amendments. The *New Zealand Environmental Care Code*, and *New Zealand Water Care Code* are available from the Department of Conservation, Head Office, PO Box 10420, Wellington 6143 or <http://www.doc.govt.nz/>.
- 4 This unit standard is recommended for sea kayak guides who have logged at least 50 days personal sea kayaking in a variety of locations and conditions including – 20 sessions sea kayaking with groups as lead guide; 10 days commercial sea kayak guiding; 10 days on sea kayak trips of at least two days duration; 10 days personal sea kayaking. One day is defined as a minimum of six hours of sea kayaking.
- 5 In the context of this unit standard, multi-day sea kayak trip refers to a trip of more than one day and includes at least one night.

Outcomes and performance criteria

Outcome 1

Plan and prepare for a multi-day sea kayak trip.

Performance criteria

- 1.1 Clothing and equipment are selected for clients according to trip requirements and client requirements, and their selection is justified.

Range safety equipment, sea kayaking equipment, repair equipment, food.
- 1.2 The trip is planned to suit the needs of the client group and to minimise the effects of environmental conditions on clients' enjoyment and safety.

Range consideration of client group needs must include but is not limited to – experience level, ability, confidence, physical state, mental state, swimming ability; environmental conditions – tide, current, wind, expected or unexpected changes in weather conditions.
- 1.3 The sea kayaks are packed in accordance with the expected sea and weather conditions and to maintain all packed equipment in dry condition.

Outcome 2

Instruct clients on sea kayaking skills and procedures for a multi-day sea kayaking trip.

Range clients in – double kayaks, single kayaks.

Performance criteria

2.1 Verbal instructions and skills demonstrations are provided in accordance with industry standards and client needs and characteristics.

Range client needs and characteristics include but are not limited to – ability, experience, cultural, special needs, language, confidence, medical conditions, physical state, mental state.

2.2 Clients are briefed in the use, care, and adjustment of sea kayaking equipment according to industry standards and manufacturer's recommendations.

Range must include but is not limited to – sea kayaks, spraydecks, buoyancy aids, paddles, lifting and carrying sea kayaks.

2.3 Instructions, demonstrations, and practices are in accordance with industry standards, and worksite procedures.

Range wet exit, assisted re-entry, rafting up, signals used to communicate on water, lifting and carrying laden sea kayaks; paddle strokes and use of rudder – forward stroke, stop, turn, brace support.

2.4 Feedback to clients provides solutions to improve performance to a level of personal safety appropriate to the trip and is in accordance with client needs and characteristics.

Range client needs and characteristics include but are not limited to – ability, experience, cultural, special needs, language, confidence, medical conditions, physical state, mental state.

Outcome 3

Guide clients on a one-day open water sea kayaking trip.

Performance criteria

3.1 Group management ensures that communication is maintained with the entire client group at all times and that control and safety is maintained in changing weather and sea conditions.

Range communication, guide/client positioning.

- 3.2 Positioning of group enables immediate assistance to be provided to all clients during the trip.
- Range assistance – direct aid from guide, support from other clients as directed by guide, self-rescue as directed by guide, positioning of guide and group.
- 3.3 Information is provided to clients in accordance with their level of specific needs.
- Range includes but is not limited to – environmental interpretation, personal care in the outdoor environment, historical, cultural.
- 3.4 Monitoring of client group during the trip ensures guide is aware of problems and acts to minimise their impact on the enjoyment or physical well being of group members.
- Range problems include but are not limited to – physical, psychological.
- 3.5 Leadership styles are relevant to the client group's needs and characteristics and are modified in accordance with the conditions.
- Range styles include but are not limited to – autocratic, democratic, laissez faire, consensus, empowering, motivational, situational.
- 3.6 Complaints are handled in accordance with industry standards.

Outcome 4

Practice risk management during the sea kayaking trip.

Performance criteria

- 4.1 Hazards are identified and managed in accordance with health and safety requirements and SKOANZ standards.
- 4.2 The use of emergency equipment is described, and emergency equipment is carried in accordance with SKOANZ standards and health and safety requirements.
- Range may include but is not limited to – first aid kit, flares, radio, cell phone.
- 4.3 In emergency situations the group is managed in accordance with industry standards and worksite procedures.
- 4.4 Inappropriate behaviour of group members is dealt with as soon as possible and in a manner that minimises negative effect on others.

Outcome 5

Navigate on the sea kayaking trip.

Performance criteria

- 5.1 The pre-planned course is followed on water using a compass and chart or topographical map and taking variables into consideration.
 Range variables include but are not limited to – weather, sea conditions, clients, time constraints.
- 5.2 An accurate position is fixed while on the water using dead reckoning.
- 5.3 An accurate position is fixed on a chart or topographical map using compass bearings.
- 5.4 Conversions are made between grid and magnetic bearings.
- 5.5 Knowledge of charts and tides, including tidal symbols, tide tables and the rule of twelfths, is demonstrated.

Outcome 6

Interpret weather on the sea kayaking trip.

Performance criteria

- 6.1 Local weather conditions are interpreted taking into consideration the topographic effects of land.
- 6.2 Weather maps and weather forecasts are interpreted to determine potential weather impacts on the trip.
- 6.3 Weather signs are interpreted during the trip to determine potential weather impacts on the trip.
 Range weather signs include but are not limited to – cloud types, wind speed, wind direction.

Outcome 7

Demonstrate knowledge of beacons, buoyage and rules of the sea.

Performance criteria

- 7.1 Understanding of beacons, buoyage and rules of the sea is demonstrated and applied.

Replacement information	This unit standard was replaced by unit standard 31792.
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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	16 December 2004	31 December 2022
Rollover and Revision	2	12 February 2010	31 December 2022
Review	3	25 July 2019	31 December 2022

Consent and Moderation Requirements (CMR) reference

0099

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