

Title	Complete dives in open water to locate and observe common aquatic organisms		
Level	3	Credits	5

Purpose	People credited with this unit standard are able to: describe common aquatic organisms; and plan and complete dives in open water to locate and observe common aquatic organisms.
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Classification	Diving > Diving - Recreational
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Available grade	Achieved
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Prerequisites	<p>Participant must complete the requirements of the Recreational Diver Medical Screening System (DMSS) following the UHMS Medical Guidelines.</p> <p>Unit 28391, <i>Snorkel dive in open water</i>, or Unit 28392, <i>Scuba dive in open water to a maximum depth of 18 metres</i>, or demonstrate equivalent knowledge and skills.</p>
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Guidance Information

- 1 All learning and assessment leading to this unit standard must be carried out in accordance with the following as relevant:
 - legislation including the Health and Safety at Work Act 2015, Health and Safety at Work (General Risk and Workplace Management) Regulations 2016, Accident Compensation Act 2001, and subsequent amendments;
 - *Working Safely in the Occupational Diving, Snorkelling, and Free-Diving Industries – A Guide for PCBU's* (WorkSafe, March 2020) and any supplementary publications, or any subsequent editions;
 - industry technical and safety criteria.
- 2 Definitions

Dive plan refers to the procedures by which the accredited dive provider's diving operations are implemented for all dives required to meet this standard.

Industry technical and safety criteria refer to dive instruction, supervision and performance being carried out in accordance with the standards, procedures and training materials of the respective dive training agency. The agency must meet or exceed the World Recreational Scuba Training Council training standards.

Open water is any natural body of water realistic of local diving conditions in terms of water movement, temperature, visibility, depth and aquatic life.
- 3 Recommended for entry when completing scuba dives: an entry-level certification from a recognised dive training agency.

Outcomes and performance criteria

Outcome 1

Describe common aquatic organisms.

Performance criteria

- 1.1 Describe body plan and form, life history, feeding, defence and habitat of animal species likely to be encountered during a dive at a local open water dive site.
- 1.2 Describe body structure and habitat of species of algae or flowering plants likely to be encountered during a dive at a local open water dive site.
- 1.3 Describe relationships between aquatic organisms likely to be encountered during a dive at a local open water dive site.
- 1.4 Describe potential aquatic organism hazards.

Outcome 2

Plan and complete dives in open water to locate and observe common aquatic organisms.

Performance criteria

- 2.1 Plan and prepare for aquatic organism identification dives.
- 2.2 Complete dives to locate and observe identified common aquatic organisms, predator or prey and symbiotic relationships in accordance with the dive plan.
- 2.3 Demonstrate data collection and recording skills for species and relationships identified during aquatic organism identification dives.

Replacement information	This unit standard replaced unit standard 4400.
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Planned review date	31 December 2025
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	20 November 2014	31 December 2022
Review	2	25 March 2021	N/A
Revision	3	27 February 2025	N/A

Consent and Moderation Requirements (CMR) reference	0099
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Toi Mai Workforce Development Council at qualifications@toimai.nz if you wish to suggest changes to the content of this unit standard.