

Title	Collect scientific data while on extended range dives using scuba		
Level	4	Credits	6

Purpose	People credited with this unit standard are able to: prepare to dive to an extended range using scuba; manage reference line during extended range dive; act as working diver during extended range dive; and collect scientific data while extended range diving.
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Classification	Diving > Diving - Scientific
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Available grade	Achieved
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Prerequisites	<p>A current fit to dive medical clearance signed by a physician.</p> <p>Unit 28392, <i>Scuba dive in open water to a maximum depth of 18 metres</i>, and Unit 28404, <i>Complete scuba dives in open water to depths between 18 and 40 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 PCBUs* (WorkSafe, March 2020) and any supplementary publications, or any subsequent editions;
 - industry technical and safety criteria.
- 2 Definition

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.
- 3 Extended range diving is to 40 metres.

Outcomes and performance criteria

Outcome 1

Prepare to dive to an extended range using scuba.

Performance criteria

- 1.1 Plan the dive to take account of environment and nature of scientific operation.
- 1.2 Conduct pre-dive procedures.

Outcome 2

Manage reference line during extended range dive.

Performance criteria

- 2.1 Place and manage reference line to allow for minimum negative effect of wind and waves.
- 2.2 Weight reference line to allow for maximum vertical drag.

Outcome 3

Act as working diver during extended range dive.

Performance criteria

- 3.1 Assemble or disassemble, use and maintain selected scuba dive equipment.
- 3.2 Visually scan environment for hazards whenever scientific work allows.

Outcome 4

Collect scientific data while extended range diving.

Performance criteria

- 4.1 Confirm knowledge of data to be collected matches requirements of dive.
- 4.2 Dive to allow accurate scientific data collection to occur.
- 4.3 Collect scientific data to meet requirements of client.
- 4.4 Collect scientific data that are statistically significant.

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	18 December 1996	31 December 2022
Revision	2	17 July 2001	31 December 2022
Review	3	25 March 2021	N/A

Consent and Moderation Requirements (CMR) reference

0099

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

Comments on this unit standard

Please contact Skills Active Aotearoa Limited info@skillsactive.org.nz if you wish to suggest changes to the content of this unit standard.