

Title	Describe the reduction of incidental marine mammal capture during commercial fishing		
Level	3	Credits	5

Purpose	<p>This unit standard is for people working in a commercial seafood operation.</p> <p>People credited with this unit standard are able to: describe the consequences of incidental marine mammal capture by commercial fishers; identify protected marine mammals, and describe the legislative protection for marine mammals; describe methods for the reduction of incidental marine mammal capture during commercial fishing operations; and describe the recording and reporting requirements for incidental capture of marine mammals.</p>
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Classification	Seafood > Seafood Vessel Operations
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Available grade	Achieved
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Guidance Information

- 1 All evidence presented in this unit standard must be in accordance with:
 - Workplace procedures;
 - Animal Welfare Act 1999;
 - Fisheries Act 1996;
 - Health and Safety at Work Act 2015;
 - Wildlife Act 1953;
 and any subsequent amendments.

- 2 Definitions

Commercial fishing vessel refers to a vessel that is operating a Maritime Operator Safety System (MOSS) that is recognised by Maritime New Zealand and meets the requirements of the Maritime Transport Operator Certificate and/or Plan.

Marine mammals refer to pinnipeds (e.g. seals, sea lions, leopard seals) and cetaceans (e.g. dolphins, porpoises, whales)

Workplace procedures refer to the policies and procedures set out in a verbal or written form by the employer or organisation. Procedures must be consistent with current legislative requirements and manufacturer's recommendations or instructions where relevant.

Outcomes and performance criteria

Outcome 1

Describe the consequences of incidental marine mammal capture by commercial fishers.

Performance criteria

1.1 Describe the consequences of incidental marine mammal capture to the marine ecosystem.

1.2 Describe the consequences of incidental marine mammal capture to the commercial fishing industry.

Range industry reputation, consumer reaction, access to fisheries, cost recovery levies, penalties for non-compliance, creation and review of fisheries legislation.

Outcome 2

Identify protected marine mammals, and describe the legislative protection for marine mammals.

Performance criteria

2.1 Identify the marine mammals protected by New Zealand legislation.

2.2 Describe the specific level of protection provided for New Zealand legislation.

Range evidence of at least three different marine mammals is required.

2.3 Describe the sanctions that may be applied to commercial fishers found not to be complying with the legislation.

Range evidence of at least three sanctions is required.

Outcome 3

Describe reasons for, and methods for the reduction of, incidental marine mammal capture during commercial fishing operations.

Performance criteria

3.1 Describe ways in which fishing vessels attract, can be made less attractive to, marine mammals.

Range evidence of at least two ways is required.

3.2 Describe the fishing operation activities that present risk of incidental capture of marine mammals.

- 3.3 Describe methods for the reduction of incidental capture of marine mammals by fishing gear.

Range offal management, exclusion devices and fishing practices.

Outcome 4

Describe marine mammal handling techniques used on a commercial fishing vessel.

Performance criteria

- 4.1 Describe safe handling techniques for assisting live marine mammals on board to return to the sea.
- 4.2 Describe the treatment of injured, and disposal or retention of dead marine mammals.
- 4.3 Describe personal hygiene requirements for the prevention of transmission of disease and infection from marine mammals to humans and other measures to ensure the safety of the crew.

Outcome 5

Describe the recording and reporting requirements for incidental capture of marine mammals.

Performance criteria

- 5.1 Describe data recording and reporting requirements.
- 5.2 Describe the purpose of data collection in terms of population assessment.

Planned review date	31 December 2028
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	25 February 2003	31 December 2019
Review	2	17 October 2008	31 December 2019
Review	3	24 January 2019	N/A
Rollover	4	29 February 2024	N/A

Consent and Moderation Requirements (CMR) reference	0123
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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 Muka Tangata - People, Food and Fibre Workforce Development Council qualifications@mukatangata.nz if you wish to suggest changes to the content of this unit standard.