

Title	Repair a commercial fishing vessel's net		
Level	4	Credits	10

Purpose	<p>This unit standard is for people working in a seafood operation.</p> <p>People credited with this unit standard are able to: identify parts of the net by reading a net plan, carry out net repairs using lacing techniques, repair a hole through a taper, repair a hole through a joining round, using baitings, connecting meshes of differing sizes, selvage a length of netting, and add selvage rope, and replace a panel in a net.</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;
 - Health and Safety at Work Act 2015;
 - Fisheries Act 1996;
 - Maritime Transport Act 1994;
 - and any subsequent amendments.

- 2 Definition

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

Identify parts of the net by reading a net plan.

Performance criteria

1.1 Identify the parts of the net on both the net and the net plan.

Range seine – cork or float line, lead line, purse line, bunt, wings;
set – cork line, lead line, down lines;
trawl – wings, square, top belly, lower belly, lengthener, codend,
gussets, selvage, headline, bolshline.

Outcome 2

Carry out net repairs using lacing techniques in accordance with workplace procedures.

Performance criteria

2.1 Repair a hole by lacing for a temporary fix.

2.2 Repair a net panel by lacing two panels together.

Outcome 3

Repair a hole through a taper in accordance with workplace procedures.

Range with a patch, without a patch.

Performance criteria

3.1 Carry out repair of the hole consistent with the existing taper.

3.2 Carry out repair of the hole using appropriate twine and materials ensuring the mesh size is consistent with the surrounding netting and meets any regulated size requirements.

3.3 Assess the hole and carry out the repair by patch or by using new mesh to ensure the efficient repair of the net.

Outcome 4

Repair a hole through a joining round, using baitings, connecting meshes of differing sizes in accordance with workplace procedures.

Range with patches, without patches.

Performance criteria

4.1 Carry out repair of the hole ensuring the repaired mesh size is consistent with the surrounding netting within all panels.

4.2 Carry out repair of the hole ensuring the baiting ratio is consistent along the length of the joining round.

- 4.3 Carry out repair of the hole using appropriate twine size and material, ensuring the repair is consistent with the surrounding netting within all panels.
- 4.4 Assess the hole and carry out the repair by patch or using new mesh ensuring the efficient repair of the net.

Outcome 5

Selvage a length of netting and add selvage rope in accordance with workplace procedures.

Performance criteria

- 5.1 Selvage a net ensuring the tapers followed are consistent with the panels.
- 5.2 Hang the salvaged netting evenly along the rope, with lashings tight and locked off.

Outcome 6

Hang a section of mesh onto a line in accordance with workplace procedures.

Range one of – headline, bolshline, chaffing gear.

Performance criteria

- 6.1 Hang a section of mesh ensuring the hanging ratio is consistent with the net plan and meets any required legislative requirements.

Outcome 7

Replace a panel in a net in accordance with workplace procedures.

Performance criteria

- 7.1 Replace a panel using twine size and mesh size ensuring the panel is consistent with the existing netting.
- 7.2 Replace a panel ensuring the shape and tapers of the panel are consistent with the existing netting.
- 7.3 Replace a panel ensuring the panel joining rounds are consistent with the existing netting.
- 7.4 Replace a panel ensuring the hanging ratios are consistent with the area being repaired.
- 7.5 Replace a panel ensuring the repair is carried out efficiently.

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	22 September 2004	31 December 2020
Review	2	23 April 2007	31 December 2020
Review	3	27 June 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 the 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.