

<b>Title</b>	<b>Assist with berthing and letting go, and describe anchoring a vessel</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	<p>This unit is intended for persons working at an entry level in the industry or persons wishing to enter the industry at an entry level.</p> <p>People credited with this unit standard are able to: describe processes for berthing and letting go a vessel; carry out the duties of a deckhand while berthing and letting go a vessel; and describe the processes for anchoring and weighing an anchor.</p>
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<b>Classification</b>	Maritime > Navigation and Seamanship
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 Legislation relevant to this unit standard includes:  
Health and Safety at Work Act 2015.  
Maritime Transport Act 1994 and subsequent amendments.  
Local bylaws as applicable.
- 2 References  
Maritime Rules and advisory circulars. Available at <http://www.maritimenz.govt.nz>.
- 3 Definitions  
*Accepted industry practice* refers to standardised practices and procedures accepted by the wider maritime industry as examples of best practice.  
*MTOP* stands for Maritime Transport Operator Plan which refers to the documented operational plan required for all commercial vessels as a part of the Maritime Operator Safety System (MOSS), the operator certification system established under Part 19 of the Maritime Rules and administered by Maritime New Zealand.  
*Operating procedures* refers to the Safe Operating Procedures documented in the vessel's Marine Transport Operator Plan as well as any undocumented standard operating procedures for that vessel.  
*Vessel* refers to any form of commercial or military watercraft and is sometimes used in maritime circles interchangeably with the word ship.
- 4 Assessment information  
All activities and evidence must be in accordance with accepted industry practice, and vessel operating procedures.

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## Outcomes and performance criteria

### Outcome 1

Describe processes for berthing and letting go a vessel.

#### Performance criteria

- 1.1 The chain of command, and the role of the deckhand in the berthing and letting go processes are described.
- 1.2 The meanings of nautical terms, and the use of the equipment and processes they refer to when berthing and letting go are described.
- Range may include but is not limited to – mooring buoy, bollard, bitts, cleat, capstan, surge drum, heaving line, samson post, doubling up, bow and stern lines, springline, breastline, fender.
- 1.3 The meaning of hand signals used for berthing and letting go are described.
- Range stop, making fast, winching signals.
- 1.4 The principles of safe line handling are described.
- Range protective equipment and clothing, hazardous areas, safe practice when surging, making fast.

### Outcome 2

Carry out the duties of a deckhand while berthing and letting go a vessel.

#### Performance criteria

- 2.1 Mooring lines and equipment are used to secure a vessel at berth or a mooring.
- Range may include but is not limited to – working with mooring buoys, bollards, bitts, cleats, capstans, surge drums, heaving lines, fenders;  
includes – doubling up procedures, bow and stern lines, springlines, breastlines.
- 2.2 A vessel is let go from a berth or mooring.
- Range may include but is not limited to – working with mooring buoys, bollards, bitts, cleats, capstans, surge drums, heaving lines, fenders;  
includes – singling up procedures, bow and stern lines, springs, breastlines.
- 2.3 Lines are stowed.

**Outcome 3**

Describe the processes for anchoring and weighing an anchor.

**Performance criteria**

- 3.1 The preparation of anchor, chains, warp and work area are described.
- 3.2 The setting of the anchor and safe usage of all associated equipment and machinery are described.
- 3.3 The retrieval of the anchor and safe usage of all associated equipment and machinery are described.

<b>Planned review date</b>	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	24 September 1997	31 December 2012
Review	2	27 July 2001	31 December 2012
Review	3	26 May 2003	31 December 2012
Review	4	22 October 2010	31 December 2016
Review	5	15 October 2015	31 December 2022
Review	6	26 November 2020	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0054
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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 Competenz [qualifications@competenz.org.nz](mailto:qualifications@competenz.org.nz) if you wish to suggest changes to the content of this unit standard.