

Title	Demonstrate knowledge of sea safety equipment and procedures and assist the master in emergency situations at sea		
Level	2	Credits	6

Purpose	<p>This unit is intended for people 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: demonstrate knowledge of maritime distress signals and how to respond to them; demonstrate knowledge of emergency equipment and the correct actions to assist the master in emergencies; don a lifejacket, launch lifesaving apparatus, assist passengers and crew and enter the water safely; demonstrate knowledge of life saving appliance care and maintenance; and assist the master in emergency situations.</p>
----------------	--

Classification	Maritime > Sea Survival and Sea Safety
-----------------------	--

Available grade	Achieved
------------------------	----------

Guidance Information

- 1 Legislation relevant to this unit standard includes:
Health and Safety at Work Act 2015.
Maritime Transport Act 1994 and subsequent amendments.
- 2 References
Maritime Rules and advisory circulars. Available at www.maritimenz.govt.nz.
Order of St John. The New Zealand First Aid Handbook. Penguin Group New Zealand, 2015. Available at www.stjohn.org.nz.
Maritime & Coastguard Agency. *The Ship Captain's Medical Guide*. 23rd Edition, 2019.
International Maritime Organisation. *International Aeronautical and Maritime Search and Rescue (IAMSAR) Manual*. London: IMO, 2008.
International Maritime Organisation. *International Code of Signals*. London: IMO, 2005.
- 3 Definitions
Emergency procedures refers to the emergency procedures documented in the vessel's MTOP.
EPIRB refers to emergency position indicating radio beacon.
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 MTOP as well as any undocumented standard operating procedures for that vessel.

Vessel refers to any form of commercial or military watercraft; sometimes used in maritime circles interchangeably with the word *ship*.

4 Assessment information

All activities and evidence must be in accordance with vessel operating procedures.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of maritime distress signals and how to respond to them.

Performance criteria

- 1.1 All distress signals are identified in accordance with Maritime Rule Part 23 *Operating Procedures and Training*, Appendix 3.
- 1.2 The response to receipt of a distress signal is described in accordance with the procedures contained in the vessel's MTOP.

Outcome 2

Demonstrate knowledge of emergency equipment and the correct actions to assist the master in emergencies.

Range fire, abandon ship, "Man Overboard", medical emergencies.

Performance criteria

- 2.1 Lifesaving appliances normally carried on vessels are described in terms of their location on a vessel, method of deployment, and intended emergency use in accordance with manufacturer's specifications.

Range buoyancy apparatus and/or life-rafts and life boats.
- 2.2 Actions in the event of an emergency are described.

Range distress signalling equipment includes – EPIRB, flares and smoke signals.

Outcome 3

Don a lifejacket, launch lifesaving apparatus, assist passengers and crew, and enter the water safely.

Performance criteria

3.1 The use of life saving appliances carried aboard the vessel is demonstrated in accordance with manufacturer's specifications.

Range life jackets, life buoys; other lifesaving appliances carried on the vessel.

3.2 Lifesaving apparatus is launched, and passengers and crew are assisted in its use in accordance with manufacturer's specifications.

3.3 The water is entered safely by the candidate while wearing a lifejacket.

Range water entry may be from a vessel, wharf, or poolside.

Outcome 4

Demonstrate knowledge of life saving appliance care and maintenance.

Performance criteria

4.1 Procedures for care and maintenance of life jackets and life buoys are described in accordance with manufacturer's specifications.

Outcome 5

Assist the master in emergency situations.

Performance criteria

5.1 The master is assisted in emergency situations.

Range "Man Overboard" drill, abandon ship drill, fire drill.

Planned review date	31 December 2025
----------------------------	------------------

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	18 June 2010	31 December 2016
Review	2	15 October 2015	31 December 2022
Review	3	24 September 2020	N/A

Consent and Moderation Requirements (CMR) reference	0054
--	------

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 if you wish to suggest changes to the content of this unit standard.