

Title	Survive at sea to STCW–Basic requirements in the event of a ship abandonment		
Level	4	Credits	5

Purpose	<p>This unit standard is intended for people requiring training and assessment in personal sea survival techniques to International Maritime Organisation STCW–Basic requirements.</p> <p>People credited with this unit standard are able to describe the sea survival equipment normally carried on vessels; demonstrate knowledge of the procedures to be followed in the event of ship abandonment; abandon ship and board a survival craft; and survive at sea in a survival craft and demonstrate knowledge of the operation of location devices.</p>
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Classification	Maritime > Sea Survival and Sea Safety
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Available grade	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.
- 2 References
International Maritime Organization, *International Convention on Standards of Training, Certification and Watchkeeping (STCW) for Seafarers and STCW Code, including 2010 Manila Amendments: Part A, Chapter VI – Standards regarding emergency, occupational safety, security, medical care and survival functions, Table A-VI/1-1 Specification of minimum standard of competence in personal survival techniques* London 2011, IMO 938E, Print edition ISBN 978-92-801-1528-4.
Maritime New Zealand, *SeaCert Seafarer Certification and Operational Limits Framework*, Wellington 2014.
- 3 Definitions
Accepted industry practice refers to standardised practices and procedures accepted by the wider maritime industry as examples of best practice.
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.

STCW refers to the International Maritime Organisation's convention on the Standards of Training, Certification and Watchkeeping for Seafarers. The convention establishes basic requirements on training, certification and watchkeeping for seafarers on an international level.

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

- 4 This unit standard includes outcomes and performance criteria that cover the STCW basic training requirements as detailed in the *STCW Code, including 2010 Manila Amendments: Part A, Chapter VI – Standards regarding emergency, occupational safety, security, medical care and survival functions, Table A-VI/1-1 Specification of minimum standard of competence in personal survival techniques*.
- 5 Assessment information
- a Competency may be demonstrated using simulated scenarios.
 - b All activities and evidence must be in accordance with accepted industry practice.

Outcomes and performance criteria

Outcome 1

Describe the sea survival equipment normally carried on vessels.

Performance criteria

- 1.1 Lifesaving equipment and appliances normally carried on vessels are described in terms of their location on a vessel, care and maintenance, fittings, method of deployment, and intended emergency use in accordance with manufacturer's instructions.
- Range personal and spare life jackets, survival suits, survival craft, life buoys.
- 1.2 Items of equipment that may be available in survival crafts are described in terms of intended function and limitations during an emergency.
- Range EPIRB, pyrotechnic signals, search and rescue radar transponder, signalling mirror, radio equipment, rations.

Outcome 2

Demonstrate knowledge of the procedures to be followed in the event of ship abandonment.

Performance criteria

- 2.1 Types of emergency situations which may lead to ship abandonment are identified.

- 2.2 The value of training and drills, and the need to be ready for any emergency requiring ship abandonment is explained.
- 2.3 Actions to be taken when called to survival craft stations are described.
- 2.4 Actions to be taken when required to abandon ship are described.

Outcome 3

Abandon ship and board a survival craft.

Performance criteria

- 3.1 Personal protective clothing and equipment is donned and secured in accordance with manufacturer's instructions.
- Range lifejacket, immersion suit.
- 3.2 Methods for jumping from a height into water are demonstrated maximising personal safety and the safety of others.
- 3.3 Actions to be taken to maximise chances of survival once in the water are demonstrated.
- Range swimming while wearing a life jacket, staying afloat without a lifejacket.
- 3.4 An inverted life raft is righted while wearing a life jacket.
- 3.5 Life raft is boarded from the vessel and from the water in an appropriate manner that does not endanger other survivors.

Outcome 4

Survive at sea in a survival craft and explain the operation of location devices.

Performance criteria

- 4.1 The main threats to survivors on board a survival craft are listed, and actions which can be taken to minimise these are identified.
- Range evidence of five threats is required.
- 4.2 A drogue or sea anchor is streamed.
- 4.3 Survival craft equipment is operated in accordance with manufacturer's instructions.
- 4.4 Operation of location devices, including radio devices is explained in accordance with manufacturer's instructions.

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	15 October 2015	31 December 2022
Review	2	24 September 2020	N/A

Consent and Moderation Requirements (CMR) reference	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 if you wish to suggest changes to the content of this unit standard.