



**Australian Government**

# **MARF030 Survive at sea using survival craft**

**Release: 2**

# MARF030 Survive at sea using survival craft

## Modification History

**Release 2.** This is the second release of this unit of competency in the MAR Maritime Training Package.

- Minor statement changes in unit Application
- Minor statement change to Performance Criteria
- Minor statement change in Performance Evidence
- Minor statement changes in Knowledge Evidence
- Minor statement changes in Assessment Conditions.

**Release 1.** New unit of competency. Licensing/regulatory information has been incorporated in accordance with Regulatory requirements. Assessment Requirements have been strengthened in accordance with Regulatory requirements.

## Application

This unit involves the skills and knowledge required to survive at sea using survival craft.

This unit applies to people working in the maritime industry in a deck and or engine room capacity on vessels up to 100 metres and with propulsion power up to 3000 kW within the exclusive economic zone (EEZ).

They could be working independently or as part of a vessel crew.

### Licensing/Regulatory Information

Legislative and regulatory requirements are applicable to this unit.

This unit is one of the requirements to obtain Australian Maritime Safety Authority (AMSA) certification as a General Purpose Hand NC, Coxswain Grade 1 NC, Marine Engine Driver Grade 3 NC, Master up to 24 m NC, Marine Engine Driver Grade 2 NC, Mate up to 100 m NC, Master up to 45 m NC and Marine Engine Driver Grade 1 NC as specified in Marine Order 505.

Seafarers seeking certification should check with AMSA.

## Pre-requisite Unit

Not Applicable.

## Competency Field

F – Operational Quality and Safety

## Unit Sector

Not applicable.

## Elements and Performance Criteria

### ELEMENTS

Elements describe the essential outcomes.

### PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

- |                                                    |                                                                                                                                                                                                              |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1 Prepare to abandon vessel</b>                 | <b>1.1</b> Nature of emergency is determined to minimise potential dangers and threats                                                                                                                       |
|                                                    | <b>1.2</b> Muster and abandon vessel signals are responded to according to vessel safety procedures                                                                                                          |
|                                                    | <b>1.3</b> Survival equipment is organised to maximise chances of survival                                                                                                                                   |
|                                                    | <b>1.4</b> Emergency position indicating radio beacon (EPIRB) is operated to transmit distress signal                                                                                                        |
|                                                    | <b>1.5</b> Distress calls are made using radio equipment                                                                                                                                                     |
|                                                    | <b>1.6</b> Others are assisted to maximise their chances of survival                                                                                                                                         |
|                                                    | <b>1.7</b> Prevailing circumstances and emergency conditions are used as the basis for timing and sequencing individual survival actions, and potential dangers and threats to other survivors are minimised |
| <b>2 Operate lifesaving and survival equipment</b> | <b>2.1</b> Location and accessibility of lifesaving and survival equipment is established                                                                                                                    |
|                                                    | <b>2.2</b> Survival craft is launched in a timely and effective manner                                                                                                                                       |
|                                                    | <b>2.3</b> Survival equipment is operated according to instructions and accepted survival practice                                                                                                           |
|                                                    | <b>2.4</b> Survival radio equipment is operated according to manufacturer instructions and regulatory protocols                                                                                              |
|                                                    | <b>2.5</b> Lifejacket and other lifesaving equipment are correctly used according to instructions                                                                                                            |
| <b>3 Abandon vessel safely</b>                     | <b>3.1</b> Need to abandon vessel is established according to                                                                                                                                                |

safety management system (SMS) or plan

**3.2** Survival craft is launched according to instructions

**3.3** Survival craft is checked to ensure it is safe to board

**3.4** Survival craft is boarded observing safety of other survivors

**3.5** Survival craft is released from abandoned vessel

**3.6** Exposure cover is deployed on survival craft according to accepted survival practice and manufacturer instructions

#### **4 Apply survival techniques**

**4.1** Survival craft is checked for seaworthiness

**4.2** Sea anchors and/or drogues are deployed according to accepted nautical practice

**4.3** Occupants are checked for signs of hypothermia or other injuries and first aid is applied as required

**4.4** Water and food is rationed

**4.5** Lookout for vessels and aircraft in vicinity is maintained and distress signals are released on sighting

**4.6** Instructions given by rescue personnel are followed to safely access rescue craft

## **Foundation Skills**

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

## **Range of Conditions**

Range is restricted to essential operating conditions and any other variables essential to the work environment.

## **Unit Mapping Information**

This unit replaces and is equivalent to MARF005 Survive at sea using survival craft.

## Links

Companion Volume Implementation Guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=772efb7b-4cce-47fe-9bbd-ee3b1d1eb4c2>