Australian Government

# MARO004 Transmit and receive information by visual signalling

**Release: 1**

# MARO004 Transmit and receive information by visual signalling

## Modification History

Release 1. New unit of competency.

## Application

This unit involves the skills and knowledge required to transmit and receive information by visual signalling.

This unit applies to a Watchkeeper Deck, a Master up to 500 gross tonnage (GT), a Master up to 80 metres Near Coastal, or a Master Unlimited.

This unit has links to legislative and certification requirements.

## Pre-requisite Unit

Not applicable.

## Competency Field

O – Watchkeeping

## Unit Sector

Not applicable.

## Elements and Performance Criteria

| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. | |
| --- | --- | --- |
| **1** **Use code to send and receive messages by flashing light** | 1.1 | Codes for letters and numerals are correctly recognised |
| | 1.2 | Message is correctly coded and sent using a flashing light |
| | 1.3 | Message transmitted in code by flashing light is correctly decoded |
| **2** **Use International Code of Signals to send and receive messages with flags** | 2.1 | Flags used in the International Code of Signals are correctly recognised |
| | 2.2 | Message is correctly coded and sent with flags using the International Code of Signals |
| | 2.3 | Message coded and sent with flags using the International Code of Signals is correctly decoded |

| **3** | **Maintain records of visual communications** | 3.1 | Records of messages sent and received are completed and maintained as required according to regulatory and organisational requirements |
| | | 3.2 | Relevant records are sent to appropriate bodies if requested and copies are filed according to regulatory and organisational requirements |
| | | 3.3 | Documents are stored according to regulatory and organisational requirements |

## Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance.

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

## Range of Conditions

Specifies different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

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

| Codes must include: | • Morse Code |
| | • single letter and numeral international code flags |

| Messages include one or more of the following: | • distress signal SOS |
| | • medical advice |
| | • single letter flag signal codes |

| Flashing lights include one or more of the following: | • fixed mast installation |
| | • mirrors |
| | • Morse signalling lamp |

# Unit Mapping Information

This is a new unit. This unit is equivalent to MARO5003A Transmit and receive information by visual signalling.

# Links

Companion Volume implementation guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=772efb7b-4cce-47fe-9bbd-ee3b1d1eb4c2