



Unit and Assessment Specification

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| Unit title | Assist with a Vessel's Navigational Watch |
| SQA code | H4JG 04 |
| SCQF level | 4 |
| SCQF credit points | 5 |
| SSC ref | Unit 10 |

History of changes

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Version: 01

| Version number | Date | Description | Authorised by |
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| Title | Assist with a Vessel's Navigational Watch | |
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| Learning Outcomes | Assessment Criteria | |
| The learner will: | The learner can: | |
| 1 Know the common nautical terms. | 1.1 Define the meaning of a range of nautical terms related to vessel operations, eg port, starboard, underway, bow, stern. | |
| 2 Know how to contribute to the monitoring and control of a safe watch. | 2.1 Describe watch-officer, look-out and rating responsibilities and duties, including taking over, maintaining and handing over a watch. 2.2 Describe how to keep a navigational look-out, including reporting objects and lights in degrees or points; using relative bearings. 2.3 Describe and identify code flags in common use. 2.4 Identify distress signals. 2.5 Describe the factors to be taken into account when deciding fitness for duties including the requirements of appropriate official guidance, eg Marine Guidance Notes (MGNs). | |
| 3 Know how to steer the vessel and comply with helm orders. | 3.1 Demonstrate how to keep and alter a course by compass; make large alterations; maintain a course by transit mark; alter course by helm orders; change steering mode between manual and automatic. 3.2 Describe the effect of weather, vessel speed and condition of loading on steering. | |
| 4 Know the basic meteorological terms. | 4.1 Identify windforce and direction as per Beaufort Scale. 4.2 Identify basic cloud types. 4.3 Describe how to report visibility levels. 4.4 Identify sea condition, swell direction and wave height. | |

| Learning Outcomes | | Assessment Criteria | |
|--------------------------|--|----------------------------|---|
| The learner will: | | The learner can: | |
| 5 | Know how to contribute to maintaining a navigational watch under a range of different conditions. | 5.1 | Describe a range of different conditions and their effects on the safety of the vessel, ie, ice, currents, tides, wind, weather, visibility, night, day. |
| | | 5.2 | Describe how to keep a navigational look-out under a range of different circumstances, ie, ice, currents, tides, wind, weather, visibility, night, day. |
| 6 | Know the purpose of bridge equipment, communication and alarm systems used during lookout and watchkeeping duties. | 6.1 | Identify bridge equipment available and describe their purpose during lookout and watchkeeping. |
| | | 6.2 | Identify communication systems and their use, eg telephones and hand held radios; engine telegraph and signalling devices; emergency signals; licensed radio equipment and channel usage. |
| | | 6.3 | Identify alarms, their meaning and reporting procedures. |

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| Additional information about the Unit |
| Unit purpose and aim(s) |
| <p>This Unit is designed for those whose role is to assist with a navigational watch. Those who have achieved an MCA Steering Certificate will have previously shown that they have the knowledge covered in Assessment Criteria 2.2.</p> <p>The aim of the Unit is to provide the knowledge for bridge watchkeeping for those who assist the person in charge of the watch.</p> |
| Details of the relationship between the Unit and relevant national occupational standards (if appropriate) |
| MNTB/SFIA Marine NOS Unit B1. |
| Details of the relationship between the Unit and other standards or curricula (if appropriate) |
| <p>MNTB/SFIA Underpinning Knowledge Library Documents MCA Navigational watch rating certificate Contributes to the SFIA 2 day navigation course.</p> |
| Assessment requirements specified by a sector or regulatory body (if appropriate) |
| <p>Assessment will be by a combination of the following methods — assignment; knowledge based testing; project work; presentation; practical demonstration; other, as agreed by the External Verifier.</p> |

Assessment (evidence) Requirements

The following evidence is required to demonstrate that learners have the appropriate level of knowledge to undertake Assist with a Vessel's Navigational Watch. All Learning Outcomes and Assessment Criteria must be achieved.

Written and/or recorded oral evidence produced either on or off-the-job is required for the following:

- ◆ Learning Outcomes 1 and 2
- ◆ Learning Outcome 3 — Assessment Criteria 2
- ◆ Learning Outcomes 4, 5 and 6

This could be achieved through oral questioning of learners.

Assessment evidence in the workplace or in an appropriate simulated environment is required for the following:

- ◆ Learning Outcome 3 — Assessment Criteria 1

This could be achieved through the observation of learners undertaking practical exercises.

An approved Maritime Skills Alliance (MSA) approved Training Record Book (TRB) should be used to record evidence of achievement.

Guidance on Instruments of Assessment

Assessment evidence can be generated using an approved Maritime Skills Alliance (MSA) approved Training Record Book (TRB) and/or practical exercises.

Short answer written questions and/or oral interview could be used for the other Learning Outcomes and Assessment Criteria.