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| **MSQ Unit 23** | **QCF Ref:** [**R/503/2146**](http://register.ofqual.gov.uk/Unit/Details/R_503_2146) | |
| **Title:** | **Basic navigational watchkeeping** | |
| **Level:** | **2** | |
| **Credit value:** | **2** | |
| **Learning outcomes - The learner will:** | | **Assessment criteria - The learner can:** |
| 1. Know common nautical terms | | 1.1 Define nautical terms related to vessel operations including:   * port * starboard * bow * stern * underway |
| 2. Know how to contribute to the monitoring and control of a safe watch | | 2.1 Identify relevant navigational sightings, sounds and weather changes that may affect the vessel  2.2 Explain how to report relative bearings of sounds, lights and other objects |
| 3. Understand what is involved in steering a vessel | | 3.1 Describe the difference between a gyroscope and a magnetic compass  3.2 Explain the meaning of common helm orders  3.3 Explain helm order procedure  3.4 Describe the effects of wind, sea state and ship’s speed on steering a vessel  3.5 Describe the change-over procedure between manual and automatic steering modes |
| 4. Know what bridge equipment is used for lookout and watchkeeping duties | | 1. Identify common bridge equipment used during lookout and watchkeeping duties  2. Identify equipment alarms  3. Explain the importance of reporting alarms to the Officer Of the Watch |
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| Additional information about the unit | | This unit is designed for those whose role is to assist with a navigational watch, contributing towards the watch rating certificate as defined in STCW A-II/4. |
| Unit aim(s) | | The aim of the unit is to provide the knowledge for bridge watchkeeping for those who assist the person in charge of the watch. |
| Unit expiry date | | TBA |
| Details of the relationship between the unit and relevant national occupational standards | | MNTB/SFIA Marine NOS unit B1 |
| Details of the relationship between the unit and other appropriate standards or curricula | | MNTB/SFIA Underpinning Knowledge Library Documents  MCA Navigational watch rating certificate  Contributes to the SFIA 2 day navigation course |
| Assessment requirements specified by a sector or regulatory body | | 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 |
| Endorsement of the unit by a sector or other appropriate body | | Maritime Skills Alliance  Maritime and Coastguard Agency  Merchant Navy Training Board  Seafish Industry Authority |
| Location of the unit within the subject/sector classification system | | Transportation Operations and Maintenance |
| Name of the organisation submitting the unit | | Skills for Logistics for the Maritime Skills Alliance |
| Availability for use | | Restricted |
| Availability for delivery | | 01/09/2010 |
| Guided Learning Hours | | 18 |