|  |  |
| --- | --- |
| **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 vessel2.2 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 compass3.2 Explain the meaning of common helm orders3.3 Explain helm order procedure3.4 Describe the effects of wind, sea state and ship’s speed on steering a vessel3.5 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 duties2. Identify equipment alarms 3. Explain the importance of reporting alarms to the Officer Of the Watch |
|  |
| 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 DocumentsMCA Navigational watch rating certificateContributes 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 AllianceMaritime and Coastguard AgencyMerchant Navy Training BoardSeafish 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 |