



Unit and Assessment Specification

Unit title	Vessel Ropework, Anchoring and Mooring Activities
SQA Code	H0JK 04
SCQF Level	5
SCQF Credit Points	2
SSC Ref	Unit 24

History of changes

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Title		Vessel Ropework, Anchoring and Mooring Activities	
Learning Outcomes		Assessment Criteria	
The learner will:		The learner can:	
1	Understand the use of ropework on board a vessel.	1.1	Describe the safe handling, use and care of ropes, wires and webbing used for lashing, lifting and mooring.
		1.2	Describe the safe handling and care of: <ul style="list-style-type: none"> ◆ blocks ◆ tackles ◆ hooks ◆ shackles
		1.3	Describe the rigging of safety lines.
2	Be able to undertake ropework on a vessel.	2.1	Produce knots, bends and hitches in common use including: <ul style="list-style-type: none"> ◆ reef knot ◆ bowline ◆ sheet bend ◆ clove hitch ◆ rolling hitch ◆ round turn and two half hitches
		2.2	Use bosun's chairs safely.
		2.3	Use stages safely.
3	Know how to safely assist in anchoring operations.	3.1	Describe anchor equipment including: <ul style="list-style-type: none"> ◆ parts of the anchor ◆ windlass ◆ associated equipment
		3.2	List anchoring terminology used during anchoring operations.
		3.3	Describe safe anchoring procedures including the use of personal protective equipment.

Learning Outcomes		Assessment Criteria	
The learner will:		The learner can:	
4	Know how to safely assist in mooring operations.	4.1	Describe safe mooring procedures.
		4.2	Identify communication methods in common use when carrying out mooring operations.
5	Know how to maintain safe access to vessels.	5.1	Describe the use of gangways.
		5.2	Describe how to rig safe access to vessels.

Additional information about the Unit
Unit purpose and aim(s)
The aim of the Unit is to provide the knowledge and proficiency for assisting with ropework, anchoring and mooring operations, contributing toward the navigational watch rating certificate.
Details of the relationship between the Unit and relevant national occupational standards (if appropriate)
MNTB/SFIA Marine NOS units B13, B21 Non pleasure vessels operating in inland and coastal waters NOS N117 MNTB/SFIA Underpinning Knowledge Library Documents, MGN 97
Details of the relationship between the Unit and other standards or curricula (if appropriate)
Assessment requirements specified by a sector or regulatory body (if appropriate)
Assessment will be by a combination of the following methods — assignment; knowledge based testing; project work; presentation; practical demonstration; other, as agreed in consultation with the External Verifier.

Assessment (evidence) Requirements

The following evidence is required to demonstrate that candidates have the appropriate level of knowledge to undertake bridge watchkeeping in port. 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, 3, 4 and 5
- ◆ Learning Outcome 5 — Assessment criterion 1

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

- ◆ Learning Outcome 2

This could be achieved through the observation of candidates 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

Performance 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 outcomes and assessment criteria.