

Qualification Unit

This unit forms part of a regulated qualification.

Unit Title: Working in the Maritime Sector

Unit Reference Number: L/617/9950

Level: Level Two

Credit Value: Three (3)

Minimum Guided Learning Hours: 27

Learning Outcome (The Learner will):	Assessment Criterion (The Learner can):
1. Know key career pathways within the maritime sector	1.1 Outline key job roles within the following sub-sectors of the maritime sector: a) Commercial fishing b) Commercial yachting c) Inland waterways d) Leisure boating e) Maritime financial legal services f) Marine science and research g) Merchant Navy h) Ports i) Royal Navy j) Ship and boat building k) Ship surveying
	1.2 Identify at least three sources of industry and careers information
	1.3 Describe the progression route through a chosen career pathway within the maritime sector
2. Know the different types of vessels in common use within the maritime sector	2.1 Identify various types of vessels in common usage for the following sub-sectors: a) Cargo b) Fishing c) Leisure d) Military e) Offshore support f) Passenger g) Tugs and workboats

	2.2	Describe the key features and operations of at least two types of vessels in two different sub-sectors
3. Know the roles of key regulatory and accident investigation bodies in the maritime sector	3.1	Describe the key responsibilities of at least 4 regulatory and accident investigation bodies in the maritime sector
4. Understand the importance of employee and employer rights and responsibilities	4.1	Identify key elements of employment law that will impact job roles in the maritime sector
	4.2	Identify sources of information regarding employment rights and responsibilities
	4.3	Explain the importance of maintaining good working relationships
	4.4	Outline the role of industry bodies such as unions and non-governmental organisations
	4.5	Explain the dangers of drug, alcohol and substance abuse in a work environment
5. Know health and safety practices and legislation	5.1	Identify regulations with regards to health and safety at working
	5.2	Identify the roles and responsibilities of safety officials
	5.3	Identify the principles of risk assessing in the maritime sector
	5.4	Identify dangerous situations on board vessels and the surrounding area
	5.5	Identify safe working practices used to minimise risks relating to: <ul style="list-style-type: none"> a) Equipment b) Enclosed spaces c) Lifting and handling d) Hot work e) Safe handling of ropes and lines

Indicative Content

LO1	<p>AC 1.1</p> <p>The overarching aim of this unit is to open students eyes to the diversity of career pathways within the maritime sector.</p> <p>Key information that students could include in their outline of job roles are:</p> <ul style="list-style-type: none"> • qualification structures • key information about job roles such as working patterns, what the person does, how they are paid • reasons for choosing a specific career pathway / job role <p>AC 1.2 – source could include:</p>
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	<ul style="list-style-type: none"> a) British Marine b) Maritime and Coastguard Agency c) Maritime Skills Alliance d) Merchant Navy Training Board e) Port Skills and Safety Ltd f) Royal Yachting Association g) Seafish Industry Authority h) Maritime UK Careers
LO2	<p>AC 2.1</p> <p>Learners should identify images of different vessel types and be able to state what it does / what it's purpose is. Focus should be on vessel diversity and purpose.</p> <ul style="list-style-type: none"> a) Cargo, in this context, means merchant navy vessel types b) Fishing: Learners need to be able to differentiate the main fishing techniques and associated vessels c) Leisure: Learners need to be able to identify that a variety of water sports have specialised vessels, for example the diversity of ways people take part in paddle sports, rowing, sailing, swimming, fishing, paddle sports or other water recreation. We would not expect students to explore more than 3 sports d) Military vessels should include different types of vessels used by the Navy, Royal Fleet Auxilliary and Marines e) Offshore support includes the following vessel types: seismic survey ships, platform supply vessels (PSV), anchor handling tugs, anchor handling tug and supply vessels (AHTS), offshore construction vessels (OCV), ROV support vessels, dive support vessels, stand-by vessels, inspection, maintenance and repair vessels (IMR), oceanographic research vessels f) Passenger vessels includes the following vessel types: tourist vessels; passenger ferries, RoPax ferries such as passenger car ferries, crew transfer vessels and cruise liners g) Tugs and workboats include: types of tug, types of barge (including hopper, split hopper, box hold, pontoon and jack up barge), multicat, crane barge and heavy lift sheer leg
LO3	<p>AC 3.1 – regulatory and accident investigation bodies should include: a) International Labour Organisation b) Responsible Fishing Vessel Scheme, Crew Rights, Safety and Wellbeing c) IMP 3 pillars (SOLAS, STCW, MarPol) d) Marine Accident and Investigation Branch e) Maritime Coastguard agency</p>
LO4	<p>AC 4.3 could include: maritime unions and professional bodies such as IMarEST, Nautical Institute, Marine Society, RYA and maritime welfare charities in supporting maritime workers.</p>
LO5	<p>AC 5.1 – regulations should include:</p> <ul style="list-style-type: none"> a) Health and Safety at Work Act 1974 (including limitations to authority over ships) b) Merchant Shipping (Health and Safety) Regulation 1997 / 2962. c) The Merchant Shipping Code fo Safe Working Practices for Merchant Seamen Regulations 1998 (replaced in 2015 and amended in 2019) d) Lifting and Handling (LOLER for Merchant Ships and Fishing Vessels was introduced in SI 2006 / 2184) e) Provision and Use of Work Equipment Regulations (PUWER 1998) (PUWER for Merchant Ships and Fishing Vessels was introduced in SI 2006 / 2183) <p>AC 5.5 – safe working practices should include reference to:</p> <ul style="list-style-type: none"> a) Personal Protective Equipment b) Safety signs found in the workplace, including: warning; advisory;

mandatory; prohibition c) Standard operation procedures d) Training and supervision
