

Competency Framework for Qualified Deck Crew

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Function: Seamanship at the support level

Competence	Knowledge, understanding and proficiency	Methods for demonstrating competence	Criteria for evaluating competence
Contribute to the safe operation of the vessel	1. Vessel handling	Assessment of evidence obtained from: <ul style="list-style-type: none"> • training record book • practical assessment, and • oral examination. 	Describes techniques for equipment, nautical terms and process of berthing, making fast to a mooring, casting off, anchoring and weighing anchor.
	2. Mooring		Describes safe handling of mooring lines, importance of protective clothing at mooring stations, and rigging gangways. Understands hazards of mooring operations, including securing a line under load to a cleat, bits, single bollards and stag horn bollard.
	3. Ropes		Describes materials and properties of construction and handling of ropes, ie, natural fibre and synthetic ropes, their behaviour on breaking, abrasion, comparative strengths and their protection from heat, chemicals, water etc, splicing, whippings and rope stoppers.
	4. Knots		Ties common knots, bends and hitches for marine application are tied, including: single sheet bend, double sheet bend, round turn and two half hitches, bowline, clove hitch, figure of eight and reef knot.
	5. Tackles		Rig tackles, their mechanical advantages and their appropriate purposes ie, gun tackle, handy billy, two and three fold purchases etc.

Function: Health and safety at the support level

Competence	Knowledge, understanding and proficiency	Methods for demonstrating competence	Criteria for evaluating competence
Contribute to the health and safety of all persons aboard the vessel	1. Health and safety	Assessment of evidence obtained from: <ul style="list-style-type: none"> • training record book • practical assessment, and • oral examination. 	Clearly understands the rights and responsibilities of crew under the Health and Safety in Employment Act.
	2. MOSS		Satisfactorily explains relevant sections of the vessel's Maritime Operator Safety System (MOSS) with respect to health and safety.
	3. Hazards		Clearly understands potential health and safety hazards and how these should be reported, eliminated, isolated or minimised onboard the vessel.
	4. Hygiene		Understands and explains cleaning of vessel's accommodation; passenger and crew areas and consideration of placement of warning signs, wearing of protective clothing, and using suitable cleaning equipment.
	5. Environmental protection		Understands and explains regulatory requirements for protection of the marine environment including refuelling operations, and sewage and rubbish collection and disposal.
	6. Accident reporting		Understands the accident reporting process, in accordance with Maritime New Zealand requirements.
	7. Fatigue		Understands and explains the effects of fatigue on safe working practices and safe navigation, along with fatigue management strategies.
	8. Enclosed spaces		Understands the dangers of entering enclosed spaces such as double bottoms and tanks, along with processes and procedures for safe entry.

Function: Safety at the support level

Competence	Knowledge, understanding and proficiency	Methods for demonstrating competence	Criteria for evaluating competence
Contribute to the safety of the vessel in emergency situations	1. Vessel knowledge	Assessment of evidence obtained from: <ul style="list-style-type: none"> • training record book • practical assessment, and • oral examination. 	Understands vessel staff hierarchy and vessel layout.
	2. Passenger		Able to provide assistance to passengers, eg, sea sick passengers or passengers with special needs.
	3. Emergencies		Understands and explains fire and emergency signals, duties and responses.
	4. Lifesaving		Understands and explains use and maintenance of lifesaving appliances used for vessel's trading in restricted, coastal and offshore limits.
	5. Vessel operation		Explains safe operation of a commercial vessel, taking into account vessel characteristics, weather conditions, tides and navigational hazards.
	6. Safety information		Understands available marine publications containing safety information.
	7. Distress signals		Use and operation of international distress signals, their validity and disposal.
	8. Man overboard		Understands and explains man overboard signals, search and retrieval procedures.
	9. First aid		Completes an elementary first aid course.
	10. Abandon ship		Understands and explains available lifesaving equipment and the procedure for abandoning ship.

Function: Navigation at the support level

Competence	Knowledge, understanding and proficiency	Methods for demonstrating competence	Criteria for evaluating competence
Contribute to the safe navigation of the vessel	1. Collision prevention	Assessment of evidence obtained from: <ul style="list-style-type: none"> • training record book • practical assessment, and • oral examination 	Correctly identifies give-way and overtaking vessels and take appropriate action.
	2. Steering		Steers a steady course within acceptable limits, having regard to the area of navigation and prevailing sea state. Alterations of course are smooth and controlled.
	3. Magnetic compass		Understands use, care and maintenance of the magnetic compass.
	4. Lookout		Promptly detects vessels and objects and takes appropriate action of correctly reports to the skipper. Communications are clear and concise, and use correct terminology.
	5. Buoyage		Identifies lateral and cardinal buoys and passes correctly.
	6. Communications		Satisfactorily completes a VHF course.
	7. Assisting in the wheelhouse		Understands the principles of keeping a safe lookout, including the need for clear written instructions for taking over a navigational or anchor watch, monitoring instruments, and the need for maintenance of night vision.