

SRL Competency Preparation

1. Identify navigation equipment and plan a passage on board a restricted limits vessel
2. Describe the different uses of:
 - a. magnetic compass
 - b. GPS
 - c. chart plotters
 - d. electronic charts
 - e. RADAR
 - f. and echo sounderfor operating/ navigating a restricted limits vessel
3. Describe vessel stability loading requirements for a restricted limits vessel
4. Demonstrate tying prescribed knots, bends and hitches and identify vessel operating procedures for berthing and anchoring for a restricted limits vessel
5. Identify the rules and bylaws affecting disposal of sewage, garbage and oil and apply to safe working practices on board the working restricted limits vessel
6. Identify and apply maritime rules concerning the operation of your restricted limits vessel
7. Identify, review, and apply legal compliance documents and safety procedures for a restricted limits vessel
8. Identify safety equipment and describe firefighting prevention and procedures on your vessel and apply safe working practices a restricted limits vessel
9. Identify enclosed & confined spaces and apply safe working practices while participating in an emergency drill on a restricted limits vessel
10. Identify hazards using deck equipment and apply safe working practices on a restricted limits vessel
11. Identify hazardous materials on board and align safe handling procedures to the vessel hazard register
12. Identify and apply procedures for preparing engine and equipment for sea whilst operating a restricted limits vessel
13. Identify all engines and auxiliary equipment on your vessel and apply working skills to their operation whilst operating a restricted limits vessel
14. Describe and apply the bunkering process and fuel/oil spill response on your vessel
15. Explain the engine and machinery maintenance plan from your MTOP
16. Identify all batteries wired into the vessel, and demonstrate their purposes during the working operation of a restricted limits vessel
17. Explain how your emergency steering system operates and required maintenance and apply these skills during the operation of a restricted limits vessel

Plan and Conduct a Vessel Passage

1. Use chartwork and navigation instruments and publications when operating/ navigating a restricted limits vessel
2. Use magnetic compass/GPS/chart plotters and electronic charts including chart plotters/GPS/RADAR and echo sounder when operating/ navigating a restricted limits vessel
3. Describe the significance of tides in a navigational setting and calculate under keel clearance whilst operating/navigating a restricted limits vessel
4. Locate and interpret meteorological information for operating/navigating a restricted limits vessel
5. Apply knowledge of navigational marks when operating/navigating a restricted limits vessel.
6. Maintain a safe navigational watch when operating/navigating a restricted limits vessel
7. Identify and demonstrate ways to manage risk of collision avoidance utilising RADAR and Automatic Identification Systems (AIS) when operating/navigating a restricted limits vessel

Operating and Managing a Vessel

1. Evaluate and manage factors affecting vessel stability,
 - a) interpret vessel data in various situations
 - b) describe actions required to maintain vessel stability
 - c) recognise and correct loss of stability.
2. Evaluate sea conditions for safe passage and refuge demonstrating vessel handling management in heavy weather and challenging maritime environments
3. Manoeuvre when operating a restricted limits vessel
4. Demonstrate line handling, deck techniques and common knots for operating and securing a restricted limits vessel
5. Demonstrate safe practices when working on deck of a restricted limits vessel

Marine Safety and Compliance

1. Demonstrate knowledge of Maritime Transport Act Sections 19 & 65 and Part 22 & 91 of the New Zealand Maritime Rules in relation to a restricted limits vessel
2. Identify and describe legislative requirements of a restricted limits vessel including MOSS, MTOC and MTOP
3. Operate a restricted limits vessel within the requirements of the Maritime Operator Safety System and legal requirements and responsibilities

4. Apply lifesaving skills and use of safety equipment for a restricted limits vessel
5. Identify and apply on-board fire safety procedures on a restricted limits vessel
6. Conduct Safety drills whilst operating a restricted limits vessel
7. Conduct and manage search and rescue systems including abandon ship techniques and sea survival planning whilst operating a restricted limits vessel
8. Identify, maintain a hazard register, and manage hazards whilst operating a restricted limits vessel
9. Describe and plan responses to emergencies as a skipper/master of a restricted limits vessel
10. Identify and respond to distress signals and flags used in maritime communication
11. Demonstrate knowledge of on-going and continuous safety practices and improvement

Marine Engineering

1. Identify the parts and mechanical functions of 2 & 4 stroke diesel engines
2. Describe engine operation theory and system requirements on a restricted limits vessel
3. Monitor operation of vessel's auxiliary and machinery systems on a restricted limits vessel
4. Operate, monitor, and maintain diesel engines, outboard engines, propulsion engine, drive train and auxiliary equipment on a restricted limits vessel
5. Operate bilge pumping systems, generators, and firefighting systems on a restricted limits vessel
6. Create and implement a plan for vessel maintenance inspection on a restricted limits vessel
7. Undertake planned, scheduled, and unscheduled maintenance whilst operating a restricted limits vessel
8. Undertake maintenance and repairs on mechanical and electrical systems of a restricted limits vessel
9. Undertake fault diagnosis on a restricted limits vessel

Maritime Safety

1. Apply first aid skills in an onboard emergency situation
2. Provide first aid and resuscitation until help arrives
3. Identify and describe fire hazards on-board a vessel
4. Identify firefighting equipment on-board a vessel
5. Demonstrate fire extinguishing techniques

Maritime Restricted Radio Operator Certificate (MRROC)

1. Apply VHF marine radio skills and knowledge on a restricted limits vessel
2. Operate a marine radio in the MF, HF and VHF band's using the maritime mobile service on board a restricted limits vessel.
3. Describe use of maritime radio urgency and distress calling procedures of a restricted limits vessel