

## COXSWAIN 2 NEAR COASTAL - YOUR STUDY CHECKLIST

View the [Skills & Knowledge](#) required for National Standard for Commercial Vessels Part D from which oral examinations sample a candidate's proficiency.

### International Rules for the Prevention of Collisions at Sea

#### Part A-General

Competent		More study	
	Nothing will exonerate- vessel - master - crew		Neglect of ordinary practice
	Definitions – vessel – pdv – sail - fishing		NUC - CBD – RAM - underway

#### Part B Steering & Sailing - Section 1

Competent		More study	
Application -Rule 4- Conduct of vessels in any condition of visibility			
	Lookout – Rule 5- At all times Sight & hearing All available means Full appraisal		Safe speed -Rule 6- Visibility Traffic Manoeuvrability Background lighting Hazards Wind, Sea & Current Draught & Depth
	Risk of Collision -Rule 7- All available means No change in Bearing Scanty information		Avoiding action -Rule 8- Positive & Timely Due regard Safe distance, slow, stop

#### Part B Steering & Sailing - Section 11

Competent		More study	
Application -Rule 11- Conduct of vessels in sight of one another			
	Sailing vessels -Rule 12- Port tack gives way Windward gives way Cant determine pt give way		Overtaking -Rule 13- 22.5° abaft beam Any doubt Subsequent alteration Alter to Pt/Stb
	Head on -Rule 14- Reciprocal Any doubt Alter to Stb		Crossing -Rule 15- Slow or stop Avoid crossing ahead Avoid altering to port
	Give way -Rule 16- Early & substantial Avoid crossing ahead Avoid altering to port		Give way -Rule 17- Keep course & speed Action to avoid collision by her manoeuvre alone
	Responsibility/vessels -Rule 18- a., b., c. NUC- RAM-Fishing -Sailing		Responsibility/vessels -Rule 18- d., e. CBD-Seaplane

#### Part B Steering & Sailing - Section 111

Competent		More study	
Conduct of Vessels in Rest Visibility			
	Section 111- Applies to Conduct of Vessels in/near Safe speed-engines ready- lookout		Res vis -Rule 19- Avoid to port fwd beam Avoid aft beam Radar alone

### IRPCS- Part C- Lights & Shapes

Competent	More study
Application – Rule 20- All weather Sunset to sunrise Shapes by day	Definitions – Rule 21- Masthead 225° Side lights 112.5° Stern lights 135° Towing lights 135°
Lights – Rules 23-27 Pdv Towing & pushing Sailing & oars Fishing NUC & RAM	Lights – Rules 28-31 CBD Pilot Anchored Seaplanes

### IRPCS- Part D- Sound Signals

Competent	More study
Manoeuvre– Rules 34 • •• ••• ••••• - - • - - ••	Restricted Visibility– Rules 35 - - - - •• - ••• •••• • - •
Attracting attention– Rules 36	Distress Signals– Rules 37

### IALA- Buoyage System A

Competent	More study
Lateral buoyage	Cardinals
Safe water, isolated danger	Special marks

Competent		More study	
Outcome	Content		Standards for evaluating
<b>Table 1</b>  <b>Outcome Elements of Shipboard Safety</b>  Safety and Emergencies	<b>Safety and Emergencies</b>		<ul style="list-style-type: none"> <li>• Practice survival techniques</li> <li>• Operate lifesaving and survival equipment</li> <li>• Undertake and understand risk management processes including Safety Management System (SMS) operational practices</li> <li>• Follow safety procedures and take action</li> <li>• Understand/follow fire minimisation procs</li> <li>• Respond to and fight fires with portable and other fire fighting appliances including correct use of vessel closure and shutdown systems</li> <li>• Identify and respond to risks associated with confined spaces</li> </ul>
		Apply survival skills	
		Risk management	
		Fire minimization	
		Fire fighting	
	Meet WHS requirements		
Competent		More study	
<b>Table 6</b>  <b>Outcome 6.3</b> Comply with regulations to ensure safe operation of a vessel up to 12 metres	<b>Regulations &amp; Port Operations</b>		<ul style="list-style-type: none"> <li>• Identify and implement local, State, Commonwealth and Territory regulations</li> <li>• Apply the duties and responsibility of the Master as per national and international requirements</li> <li>• Undertake watchkeeping duties in compliance with national and international requirements</li> <li>• Apply the International Regulations for the Prevention of Collision at Sea (as amended)</li> <li>• Understand and apply SMS, safety management plans, standard and emergency operating procedures</li> <li>• Understand and comply with the requirements for crew inductions</li> </ul>
		IALA Buoyage System 'A'	
		Responsibilities of Master	
		Col regs -Rules	
		Col Regs - Day shapes	
		Col Regs - Lights	
		Col Regs - Sound signals	
		Col Regs - Distress signals	
	SMS & Crew induction		
Competent		More study	
<b>Table 6</b>  <b>Outcome 6.2</b> Apply seamanship skills aboard a vessel up to 12 metres	<b>Practical Seamanship</b>		<ul style="list-style-type: none"> <li>• Demonstrate knowledge of var. types of hull</li> <li>• Identify deteriorated hull/fittings &amp; reason</li> <li>• Identify rope types and common uses</li> <li>• Tie common knots such as reef knot, bowline, sheet bend, clove hitch, round turn and 2 half hitches and understand their use</li> <li>• Eye splice a fibre/synthetic rope end join two ends complying with manufacturer's recs</li> <li>• Whip an end</li> <li>• Rig a vessel for towing and the towed vessel according to established procedures for varying weather conditions</li> <li>• Prepare and anchor a vessel in varying weather conditions, Weigh anchor</li> <li>• Rig a sea anchor to control rate and direction of drift and/or angle to sea</li> <li>• Use a sea anchor to prevent broaching</li> <li>• Understanding of loading and discharging and movement of weight/s</li> <li>• Take appropriate action in relation to nav. emergencies within sheltered waters</li> </ul>
		Seaworthiness	
		Common knots, hitches, splices	
		Towing arrangements	
		Anchors, anchoring methods	
		Drogues	
		Loading & discharging weights	
	Take appropriate action in a nav emergency		

Competent		More study		
<b>Outcome 6.1</b> Handle a vessel up to 12 metres	<b>Handle a vessel</b>			<ul style="list-style-type: none"> <li>• Demonstrate knowledge of the features of a vessel, which relate to handling characteristics &amp; compliance with current maritime publications or accepted procedures</li> <li>• Demonstrate techniques to manoeuvre the vessel through:               <ul style="list-style-type: none"> <li>-- Berthing and leaving a berth</li> <li>-- Berthing and unberthing in a pen</li> <li>-- Person overboard</li> <li>-- Coming to and leaving a mooring</li> <li>-- Steering astern through a "s" configuration</li> <li>-- Turn short around in a limited space</li> <li>-- Towing and being towed</li> <li>-- Beaching and refloating safely</li> <li>-- Turn a vessel across the tide across the wind</li> </ul> </li> <li>• Demonstrate knowledge of the techniques for crossing a coastal bar with and against the sea</li> </ul>
		Knowledge of vessel		
		Berthing in a pen		
		Mooring		
		Steering astern S manoeuvre		
		Short turn around		
		Towing		
		Bar knowledge		
Competent		More study		
<b>Table 5</b> <b>Outcome 5.1 a</b> Perform basic scheduled and running maintenance on outboard and inboard engines and ancillary deck equipment	<b>Basic engineering</b> (Propulsion limits -Outboard unlimited, Inboard <100 kW)			<ul style="list-style-type: none"> <li>• Appropriate selection and use of machinery and equipment</li> <li>• Maintenance is undertaken in accordance with the technical specifications, maintenance schedules, vessel operating procedures and regulatory requirements, under the supervision of appropriately qualified personnel</li> <li>• Apply safety precautions and pollution control measures during refuelling as per legislative requirements and vessel operating procedures</li> <li>• Maintenance is undertaken according to safe and environmentally acceptable practices as per vessel or manufacturers procedures</li> <li>• Identify, report and record faults</li> </ul>
		Steering gear		
		Ancillary deck equipment		
		Cooling, lubrication and fuel systems		
		Bilge pumping arrangements		
		Monitoring machinery		
		Report/record machinery malfunction		
		Low voltage (12V to 24V) electrical sys.		
		Conduct refuelling operations		
	Comply with emergency shutdown procs			
Competent		More study		
<b>Table 5</b> <b>Outcome 5.2 a</b> Operate inboard and outboard engines	<b>Inboards/outboards</b> (Propulsion limits -Outboard unlimited, Inboard <100 kW)			<ul style="list-style-type: none"> <li>• Operate inboard and outboard engines according to vessel or manufacturers' procedures</li> <li>• Ensure fuel, electrical, steering, propulsion and cooling systems operate effectively and faults can be identified and reported</li> <li>• Trouble shoot faults with navigation lights</li> <li>• Trouble shoot faults with trailer lights</li> <li>• Risks associated with portable fuel tanks</li> <li>• Risks associated with road transport of fuel and oil (trailer boats)</li> </ul>
		Operate propulsion units and auxiliary Systems		
		Perform Pre-Start, Running and Shut-Down checks		
		Inspect the fuel systems appropriate to basic inboard and outboard engines		
		Safely inspect low voltage electrical systems appropriate to basic inboard and outboard engines		
		Identify, record and report inboard and outboard operating difficulties		