

Small Passenger Vessel Operator Assessment

Assessment	<p>This document can be used:</p> <ul style="list-style-type: none"> • For gathering evidence in a training environment, • As a competency check of knowledge on an existing worker; or • As part of a summative assessment.
Candidate Name	
Assessor Name	
Date of Assessment	
Summary of Assessment	<p><input type="checkbox"/> The candidate met all outcomes of the worker assessment</p> <p><input type="checkbox"/> The candidate has NOT met all outcomes of the worker assessment</p> <p><input type="checkbox"/> Gap training plan developed</p>
Date of Reassessment	
Summary of Reassessment	<p><input type="checkbox"/> The candidate met all outcomes of the worker assessment</p> <p><input type="checkbox"/> The candidate has NOT met all outcomes of the worker assessment</p>
Instructions	<ul style="list-style-type: none"> • Complete the assessment with the candidate, adding notes to justify your decisions. • Ensure the first page of this document is completed (all fields). • Develop a gap training plan for practical deficiencies if required. • Use the same form for reassessment (if applicable), only reassessing the areas where gaps exist. • Conduct the competency conversation before conducting the practical assessment.

Note: This worker assessment covers the technical components of a specific role. For general knowledge and a complete picture of a worker's competency, BC Forest Safety recommends the optional Basic Forest Worker competency profile and assessment tools that can be found at www.bcforestsafesafe.org.

Part 1 - Competency Conversation

General Instructions

To conduct a competency conversation, ask the worker the questions in this first part of the assessment to determine if they understand the knowledge components of their role.

It is acceptable to rephrase the question in a way that the worker understands, but the worker cannot be given hints to the correct answer.

The assessment should not be used as a training opportunity; instead, any deficiencies identified in this assessment should be collected into a gap training plan and addressed with the worker later.

Important Note: Do not conduct competency conversation while operating equipment.

Training and Assessment Rubric

Assessment Instruction

- S** - This means that the candidate must supply all responses listed, as the knowledge is **safety** critical or important.
- B** - This means the candidate must at a minimum verbalize the **bolded** responses, and additional responses are further proof of competence.
- P** - The candidate must give a **percentage** of responses correctly to reasonably show competence in the area.

1091 – Describe Regulations, Legislation and Certifications related to Marine Vessels

Locator	Questions			
1.1	<p>Who has jurisdiction over small commercial vessels in Canada?</p> <p><input type="checkbox"/> Transport Canada</p> <p>Assessment Instruction: S</p> <table border="1"> <tr> <td>Assessment</td><td><input type="checkbox"/> Outcome met</td><td><input type="checkbox"/> Outcome not met</td></tr> </table>	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met		
1.1	<p>What are three things the collision regulations apply to?</p> <p><input type="checkbox"/> Safe crossing situations / right of way protocols</p> <p><input type="checkbox"/> Head on situations (avoidance)</p> <p><input type="checkbox"/> Lights</p> <p><input type="checkbox"/> Sound signals</p> <p>Assessment Instruction: P – 3 from list</p> <table border="1"> <tr> <td>Assessment</td><td><input type="checkbox"/> Outcome met</td><td><input type="checkbox"/> Outcome not met</td></tr> </table>	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met		
1.2	<p>What does every employee have the obligation to do if they come across a situation where they feel unsafe?</p> <p><input type="checkbox"/> Right to refuse unsafe work</p> <p>Assessment Instruction: S</p> <table border="1"> <tr> <td>Assessment</td><td><input type="checkbox"/> Outcome met</td><td><input type="checkbox"/> Outcome not met</td></tr> </table>	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met		
1.2	<p>Who does a worker report an unsafe condition to?</p> <p><input type="checkbox"/> Supervisor or employer</p> <p>Assessment Instruction: S</p> <table border="1"> <tr> <td>Assessment</td><td><input type="checkbox"/> Outcome met</td><td><input type="checkbox"/> Outcome not met</td></tr> </table>	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met		

1.3	<p>Name four things that are included in part 17 of the WorkSafeBC regulation that apply to small vessels</p> <ul style="list-style-type: none"> <input type="checkbox"/> Compliance with regulation <input type="checkbox"/> Safety Standards <input type="checkbox"/> Vessel operation <input type="checkbox"/> Communication <input type="checkbox"/> Vessel preparation <input type="checkbox"/> Maintenance and inspection <input type="checkbox"/> Anti-skid covering <input type="checkbox"/> Lighting <p>Assessment Instruction: P – 4 from list</p> <table border="1" data-bbox="345 735 1502 808"> <tr> <td data-bbox="345 735 738 808">Assessment</td><td data-bbox="738 735 1120 808"><input type="checkbox"/> Outcome met</td><td data-bbox="1120 735 1502 808"><input type="checkbox"/> Outcome not met</td></tr> </table>	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met		
2.1	<p>What are the minimum certification requirements for operation of a passenger vessel?</p> <ul style="list-style-type: none"> <input type="checkbox"/> SVOP (Small Vessel Operator Proficiency) or PCOC (Pleasure Craft Operators Card) <input type="checkbox"/> Small domestic vessel basic safety (formally A3) <input type="checkbox"/> Radio Operator Certificate – Marine commercial (ROC-M) if VHF on board <input type="checkbox"/> Marine level 1 First Aid with transportation endorsement <p>Assessment Instruction: S</p> <table border="1" data-bbox="345 1218 1502 1291"> <tr> <td data-bbox="345 1218 738 1291">Assessment</td><td data-bbox="738 1218 1120 1291"><input type="checkbox"/> Outcome met</td><td data-bbox="1120 1218 1502 1291"><input type="checkbox"/> Outcome not met</td></tr> </table>	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met		
3.1	<p>What are the factors used to determine vehicle registration?</p> <ul style="list-style-type: none"> <input type="checkbox"/> Type of vessel <input type="checkbox"/> Size (tonnage and length) <input type="checkbox"/> Vessel use (commercial vs. personal) <input type="checkbox"/> Number of passengers <input type="checkbox"/> Voyage classification (area of operation) <p>Assessment Instruction: S</p> <table border="1" data-bbox="345 1680 1502 1747"> <tr> <td data-bbox="345 1680 738 1747">Assessment</td><td data-bbox="738 1680 1120 1747"><input type="checkbox"/> Outcome met</td><td data-bbox="1120 1680 1502 1747"><input type="checkbox"/> Outcome not met</td></tr> </table>	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met		

1136 – Describe Marine Vessels, Navigation and Safety

Locator	Questions			
1.2	<p>What must be filled out in a logbook for a small passenger vessel?</p> <p><input type="checkbox"/> Departure and arrival times and date</p> <p><input type="checkbox"/> Number of passengers</p> <p>Assessment Instruction: S</p> <table border="1"> <tr> <td>Assessment</td><td><input type="checkbox"/> Outcome met</td><td><input type="checkbox"/> Outcome not met</td></tr> </table>	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met		
1.2	<p>What else is best practice to fill out in a logbook for a small passenger vessel?</p> <p><input type="checkbox"/> Engine hour meter readings</p> <p><input type="checkbox"/> Destination</p> <p>Assessment Instruction: P – 1 from list</p> <table border="1"> <tr> <td>Assessment</td><td><input type="checkbox"/> Outcome met</td><td><input type="checkbox"/> Outcome not met</td></tr> </table>	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met		
2.1	<p>What are common aids to navigation on a small passenger vessel?</p> <p><input type="checkbox"/> Compass</p> <p><input type="checkbox"/> Radar</p> <p><input type="checkbox"/> GPS</p> <p><input type="checkbox"/> Plotter</p> <p><input type="checkbox"/> Sounder</p> <p><input type="checkbox"/> AIS</p> <p><input type="checkbox"/> Communication devices</p> <p><input type="checkbox"/> Paper marine chart</p> <p>Assessment Instruction: P – 6 from list</p> <table border="1"> <tr> <td>Assessment</td><td><input type="checkbox"/> Outcome met</td><td><input type="checkbox"/> Outcome not met</td></tr> </table>	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met		

3.1	What emergency response equipment and safety equipment must you have on board a small passenger vessel? <ul style="list-style-type: none"> <input type="checkbox"/> Minimum level 1 first aid kit <input type="checkbox"/> Marine type or USCG approved fire extinguisher <input type="checkbox"/> Fire suppression system depending on vessel <input type="checkbox"/> Signalling device (flares or waterproof flashlight) <input type="checkbox"/> TC approved life jacket for each person on board and spares <input type="checkbox"/> Oars <input type="checkbox"/> Anchor including chain or cable rode <input type="checkbox"/> Bailers and bilge (manual bailing device) <input type="checkbox"/> Sound signalling device <input type="checkbox"/> 15-metre line with float attached <input type="checkbox"/> Re-boarding device <input type="checkbox"/> Navigation lights <input type="checkbox"/> Man-overboard float <input type="checkbox"/> Heaving line <p style="color: red;">Assessment Instruction: P – 10 from list</p>		
	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met

3.2	<p>What are five common hazards related to operating a small passenger vessel?</p> <ul style="list-style-type: none"> <input type="checkbox"/> Striking objects in water <input type="checkbox"/> Striking land <input type="checkbox"/> Collision with another vessel <input type="checkbox"/> Inclement weather <input type="checkbox"/> Mechanical failure <input type="checkbox"/> Passengers who will not remain seated or in designated areas <input type="checkbox"/> Unruly or impaired passengers <input type="checkbox"/> Shifting cargo <input type="checkbox"/> Tides <input type="checkbox"/> Getting lost <input type="checkbox"/> Taking on water <input type="checkbox"/> Fire <input type="checkbox"/> Marine wildlife <input type="checkbox"/> Other vessels <p>Assessment Instruction: P – 5 from list</p> <table border="1" data-bbox="345 1045 1502 1123"> <tr> <td data-bbox="345 1045 740 1123">Assessment</td><td data-bbox="740 1045 1122 1123"><input type="checkbox"/> Outcome met</td><td data-bbox="1122 1045 1502 1123"><input type="checkbox"/> Outcome not met</td></tr> </table>			Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met				
3.3	<p>Is there a requirement to provide aid to a vessel in distress?</p> <p><input type="checkbox"/> Yes</p> <p>Assessment Instruction: S</p> <table border="1" data-bbox="345 1272 1502 1350"> <tr> <td data-bbox="345 1272 740 1350">Assessment</td><td data-bbox="740 1272 1122 1350"><input type="checkbox"/> Outcome met</td><td data-bbox="1122 1272 1502 1350"><input type="checkbox"/> Outcome not met</td></tr> </table>			Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met				
3.3	<p>What would prevent an operator from assisting another vessel in distress?</p> <p><input type="checkbox"/> Putting your vessel or passengers in jeopardy</p> <p>Assessment Instruction: S</p> <table border="1" data-bbox="345 1503 1502 1575"> <tr> <td data-bbox="345 1503 740 1575">Assessment</td><td data-bbox="740 1503 1122 1575"><input type="checkbox"/> Outcome met</td><td data-bbox="1122 1503 1502 1575"><input type="checkbox"/> Outcome not met</td></tr> </table>			Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met				

3.5	<p>What are four factors that can affect the stability of a vessel?</p> <ul style="list-style-type: none"> <input type="checkbox"/> Cargo size and distribution <input type="checkbox"/> Total weight of vessel including fuel <input type="checkbox"/> Passengers and crew <input type="checkbox"/> Weather <input type="checkbox"/> Water trapped on deck <input type="checkbox"/> Sea conditions <input type="checkbox"/> Boat design <p>Assessment Instruction: P – 4 from list</p> <table border="1" data-bbox="345 636 1502 709"> <tr> <td data-bbox="345 636 740 709">Assessment</td><td data-bbox="740 636 1122 709"><input type="checkbox"/> Outcome met</td><td data-bbox="1122 636 1502 709"><input type="checkbox"/> Outcome not met</td></tr> </table>	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met		
1.1	<p>What are the requirements for working in confined spaces in British Columbia?</p> <ul style="list-style-type: none"> <input type="checkbox"/> Pre-entry testing and inspection (venting) <input type="checkbox"/> Hazard assessment <p>Assessment Instruction: S</p> <table border="1" data-bbox="345 919 1502 993"> <tr> <td data-bbox="345 919 740 993">Assessment</td><td data-bbox="740 919 1122 993"><input type="checkbox"/> Outcome met</td><td data-bbox="1122 919 1502 993"><input type="checkbox"/> Outcome not met</td></tr> </table>	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met		
1.2	<p>What is required when locking out a marine vessel?</p> <ul style="list-style-type: none"> <input type="checkbox"/> De-energized and tagged out at battery disconnect <p>Assessment Instruction: S</p> <table border="1" data-bbox="345 1140 1502 1220"> <tr> <td data-bbox="345 1140 740 1220">Assessment</td><td data-bbox="740 1140 1122 1220"><input type="checkbox"/> Outcome met</td><td data-bbox="1122 1140 1502 1220"><input type="checkbox"/> Outcome not met</td></tr> </table>	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met		
2.1	<p>What should be included in a pre-work/orientation meeting?</p> <ul style="list-style-type: none"> <input type="checkbox"/> Operating condition of vessel <input type="checkbox"/> Hazard assessment <input type="checkbox"/> Location of personal safety equipment (working and present) <input type="checkbox"/> Lifesaving equipment <input type="checkbox"/> Roles and responsibilities <input type="checkbox"/> Work plan for the day/project <input type="checkbox"/> Check in procedures <input type="checkbox"/> ERP <p>Assessment Instruction: S</p> <table border="1" data-bbox="345 1776 1502 1845"> <tr> <td data-bbox="345 1776 740 1845">Assessment</td><td data-bbox="740 1776 1122 1845"><input type="checkbox"/> Outcome met</td><td data-bbox="1122 1776 1502 1845"><input type="checkbox"/> Outcome not met</td></tr> </table>	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met		

2.2	<p>What are the three basic elements of an ERP?</p> <ul style="list-style-type: none"> <input type="checkbox"/> Who to contact in emergency <input type="checkbox"/> How to contact them <input type="checkbox"/> How to request higher level of support (GPS coordinates, methods and routes to worksite) <p>Assessment Instruction: S</p>		
	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met

1137 – Describe and Operate Small Passenger Vessel

Locator	Questions			
1.3	<p>In addition to pre-trip and emergency equipment what are five things that must be inspected on a small passenger vessel before departing on a voyage?</p> <ul style="list-style-type: none"> <input type="checkbox"/> Bilge pumps <input type="checkbox"/> Navigation lights <input type="checkbox"/> Spotlight <input type="checkbox"/> Fuel (sufficient for voyage) <input type="checkbox"/> Navigation and communication equipment <input type="checkbox"/> Freeing ports (clear of obstructions) <input type="checkbox"/> Defrost fan and heaters <p>Assessment Instruction: P – 5 from list</p> <table border="1"> <tr> <td>Assessment</td><td><input type="checkbox"/> Outcome met</td><td><input type="checkbox"/> Outcome not met</td></tr> </table>	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met		
1.3	<p>What spare parts should you have with you when making a voyage?</p> <ul style="list-style-type: none"> <input type="checkbox"/> Fuel filter <input type="checkbox"/> Additional litre of oil <input type="checkbox"/> Belts <input type="checkbox"/> Prop(s) <input type="checkbox"/> Nuts <input type="checkbox"/> Tools <input type="checkbox"/> Coolant <input type="checkbox"/> Spark plugs <input type="checkbox"/> Running light bulbs and fuses <input type="checkbox"/> Raw water pump impeller <p>Assessment Instruction: P – 6 from list</p> <table border="1"> <tr> <td>Assessment</td><td><input type="checkbox"/> Outcome met</td><td><input type="checkbox"/> Outcome not met</td></tr> </table>	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met		

1.5	What must be included in a start-up procedure? <ul style="list-style-type: none"> <input type="checkbox"/> Check engine oil and coolant level <input type="checkbox"/> Check fuel filters <input type="checkbox"/> Check belts <input type="checkbox"/> Visual check for leaks <input type="checkbox"/> Pull cowlings (outboards) <input type="checkbox"/> Check bilges (for oil and coolant) <input type="checkbox"/> Turn battery switches on <input type="checkbox"/> Run blowers for 10 minutes (if applicable) <input type="checkbox"/> Warm engines to manufacturers specification <input type="checkbox"/> Turn on electronics <input type="checkbox"/> Turn on heaters if applicable <input type="checkbox"/> Secure deck <input type="checkbox"/> Check running lights <input type="checkbox"/> Check fuel levels <input type="checkbox"/> Confirm spares <input type="checkbox"/> Check radio <p style="color: red;">Assessment Instruction: S</p>		
	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
1.6	What must be included in a sail plan? <ul style="list-style-type: none"> <input type="checkbox"/> Number of persons <input type="checkbox"/> Departure and arrival times <input type="checkbox"/> Location <input type="checkbox"/> Anticipated route <input type="checkbox"/> Alternate route <input type="checkbox"/> Check in times <p style="color: red;">Assessment Instruction: S</p>		
	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met

1.7	<p>Where can the operator find the load capacity of a vessel?</p> <p><input type="checkbox"/> Vessel conformity plate</p> <p><input type="checkbox"/> Declaration of conformity</p> <p><input type="checkbox"/> Stability assessment</p> <p>Assessment Instruction: S</p> <table border="1" data-bbox="345 405 1502 478"> <tr> <td data-bbox="345 405 740 478">Assessment</td><td data-bbox="740 405 1122 478"><input type="checkbox"/> Outcome met</td><td data-bbox="1122 405 1502 478"><input type="checkbox"/> Outcome not met</td></tr> </table>	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met		
1.8	<p>What should be included in a pre-trip orientation with passengers?</p> <p><input type="checkbox"/> Location of life vests</p> <p><input type="checkbox"/> Location of safety equipment</p> <p><input type="checkbox"/> Location of exits</p> <p><input type="checkbox"/> Defining the passenger area</p> <p><input type="checkbox"/> Abandon ship protocols</p> <p><input type="checkbox"/> Use and location of radios</p> <p><input type="checkbox"/> Head count</p> <p>Assessment Instruction: P – 5 from list</p> <table border="1" data-bbox="345 982 1502 1056"> <tr> <td data-bbox="345 982 740 1056">Assessment</td><td data-bbox="740 982 1122 1056"><input type="checkbox"/> Outcome met</td><td data-bbox="1122 982 1502 1056"><input type="checkbox"/> Outcome not met</td></tr> </table>	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met		
2.1	<p>What should be done first if the overheat alarm goes off?</p> <p><input type="checkbox"/> Stop boat and go into reverse</p> <p>Assessment Instruction: S</p> <table border="1" data-bbox="345 1213 1502 1287"> <tr> <td data-bbox="345 1213 740 1287">Assessment</td><td data-bbox="740 1213 1122 1287"><input type="checkbox"/> Outcome met</td><td data-bbox="1122 1213 1502 1287"><input type="checkbox"/> Outcome not met</td></tr> </table>	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met		
3.1	<p>What are the considerations when manoeuvring the vessel for docking?</p> <p><input type="checkbox"/> Enough water in landing location</p> <p><input type="checkbox"/> Obstacles and obstructions in path</p> <p><input type="checkbox"/> Tides</p> <p><input type="checkbox"/> Currents</p> <p><input type="checkbox"/> Passengers remain seated until docked</p> <p><input type="checkbox"/> Other vessels in area</p> <p><input type="checkbox"/> Size, weight, length of vessel</p> <p>Assessment Instruction: S</p> <table border="1" data-bbox="345 1791 1502 1858"> <tr> <td data-bbox="345 1791 740 1858">Assessment</td><td data-bbox="740 1791 1122 1858"><input type="checkbox"/> Outcome met</td><td data-bbox="1122 1791 1502 1858"><input type="checkbox"/> Outcome not met</td></tr> </table>	Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met
Assessment	<input type="checkbox"/> Outcome met	<input type="checkbox"/> Outcome not met		

Part 2 – Practical Assessment

General Instructions	
<p>To conduct the practical assessment, monitor the worker in a variety of situations to determine if they can consistently perform the skill components of their role in a safe and effective manner. Once confident that the worker can conduct the skills consistently, mark the outcome met. If the worker cannot consistently perform the skills required, add this component to the gap training plan.</p> <p>Remember not to distract the operator when conducting the practical assessment.</p>	
Training and Assessment Rubric	
Outcome Not Met (ONM)	<p>Skills: Can complete the task but only with direct instruction and supervision, may lack consistency in application.</p> <p>Knowledge: Does not understand what they are doing, or are not aware of a knowledge deficiency, or need guidance and support.</p> <p>Attributes: Displays limited or no professional attributes including being fit for work, prepared for the day, working in an organized manner, achieving work outcomes, or lacks in consistency.</p>
Outcome Met (OM)	<p>Skills: Consistently completes the task using safe work practices multiple times in a variety of contexts.</p> <p>Knowledge: Has a solid grasp of underpinning knowledge, consistently applies it, and can explain it.</p> <p>Attributes: Consistently displays professional attributes including being fit for work, prepared for the day, working in and organized manner and achieving work outcomes.</p>

A) PREPARE FOR THE DAY	OM	ONM	N/A
Arrived on time	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Clothing for conditions <ul style="list-style-type: none"> Layered clothing appropriate for the elements and working conditions 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nutrition and water <ul style="list-style-type: none"> Adequate food for the day Sufficient hydration for work and weather conditions 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Not noticeably impaired <ul style="list-style-type: none"> Candidate is not obviously physically or mentally impaired (by drugs, alcohol, personal situations, fatigue) 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fit for work <ul style="list-style-type: none"> Candidate is physically able to do the task 3-point contact on and off machine vessel Able to move around machine vessel Able to perform simple maintenance 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Logbook filled out correctly (if required) <ul style="list-style-type: none"> Engine hour meter readings Departure and arrival times Number of passengers 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Voyage plan (if required)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Timecard filled out correctly (if required) <ul style="list-style-type: none"> Service checklist Safety inspection Start up and shut down times 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Personal supplies <ul style="list-style-type: none"> PPE Sunglasses Food Water Appropriate clothing Change of clothing 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

B) PREPARE FOR VOYAGE	OM	ONM	N/A
Fire extinguisher	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Locate battery disconnect switch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Locate and inspect bilge pumps	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Locate fuel shutoff valves	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Locate thru-hull shutoff valve	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspect navigation lights	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspect spotlight	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Defrost fan & heater (if required)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Safety equipment <ul style="list-style-type: none"> • First Aid kits • Fire suppression • Life jackets • Man-Overboard float and floating line • Flares • Sound devices (whistle, air horn) • Flashlight • Anchor with appropriate line and chain • Knife 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Navigation and Communication equipment <ul style="list-style-type: none"> • Marine charts • Compass • Communication devices • Radar • GPS • Plotter • Sounder • AIS 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Free ports clear of obstructions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sufficient fuel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Fluids and Oil levels <ul style="list-style-type: none"> • Oil • Coolant • Hydraulics • Marine gear oil (transmission) 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check for leaks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check belts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pull cowlings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Turn battery switches on	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Run blowers (if required)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Warm engines <ul style="list-style-type: none"> • As required by manufacturer 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Turn on electronics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fuel filters <ul style="list-style-type: none"> • Check for water 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sail plan <ul style="list-style-type: none"> • Number of persons on board • Departure and arrival time and location • Anticipated route • Alternate route • Filed with someone not on board 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Safely load passengers and cargo <ul style="list-style-type: none"> • Determine load capacity of vessel (where to find load capacity) • Distribute cargo appropriate to vessel, conditions, passenger and crew • Secure cargo to prevent movement • Stability of vessel stationary and underway <p>Assess 'go / no go' decision based on:</p> <ul style="list-style-type: none"> • Expected conditions • Actual conditions • Voyage length and ability of vessel and cargo in accordance with operators' capabilities and experience 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pre-trip orientation <ul style="list-style-type: none"> • Head count before leaving dock – in logbook • Safety orientation for all on board including location of emergency equipment and exit • Life jackets, fire extinguisher, what various radios do • Define passenger area • Abandon ship protocols 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Spares <ul style="list-style-type: none"> • Fuel filter • Litre of oil • Belts • Prop(s) • Nuts • Coolant • Running light bulbs and fuses • Tools for basic repairs • Raw water pump impeller 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

C) OPERATE VESSEL	OM	ONM	N/A
Departure temperature <ul style="list-style-type: none"> • Engine brought to specifications before starting • Minimum and maximum idle times (owners manual) 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water and Oil temperature <ul style="list-style-type: none"> • Within acceptable range • Ability to remedy common issues (stop boat, engage in reverse to clear water intake) 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Optimal and acceptable engine operating parameters	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Go / No Go assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Maintain 360-degree visual checks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Operating speed <ul style="list-style-type: none"> • Bring boat to operating speed • Trim tabs • Outdrive trim angle • Maintaining optimal planing attitude 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vessel speed to conditions <ul style="list-style-type: none"> • Speed, trim and angle of approach appropriate for conditions (wave, wind, tide) 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Manoeuvre vessel <ul style="list-style-type: none"> • Enough water in landing location • Looks for obstructions and obstacles • Assessing current and tide by visual means such as birds, floating debris, kelp • Ensure passengers remain seated and don't fall between vessel and dock • Other vessels in area 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

D) COMPLETE TASKS	OM	ONM	N/A
Unload passengers and cargo	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shut down and secure vessel (use of knots) <ul style="list-style-type: none"> • Clove hitch • Bowline • Two round turns two half hitches • Double clove hitch 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Complete documentation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

This is the last page of the assessment.

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BC Forest Safety