

Renton Sailing Center

Keelboat Checkout Sheet

SAILOR NAME: _____

- This checkout sheet must be completed in order to skipper an RSC keelboat over 20 feet in length, regardless of previous training or experience.
- You will need to be signed off on each of the skills/knowledge below for each keelboat that you wish to skipper, including demonstration of each skill on each vessel where indicated.
- If unsafe handling of vessels is observed, the RSC Board may require additional skills training and re-testing.

Preparing for Keelboat Checkout

There are multiple ways to build your knowledge and skills in preparation for getting checked out on RSC keelboats, including: going out as crew with RSC keelboat skippers, taking courses such as the US Sailing or American Sailing Association trainings (Basic Keelboat, Basic Coastal Cruising, Bareboat Cruising, and Coastal Navigation), reading textbooks for these courses, and sailing with family or friends on keelboats. RSC offers US Sailing Basic Keelboat training certification. To find an RSC keelboat skipper, you can check the Dockmaster Report which is updated regularly and e-mailed to the volunteer Dockmaster(s) and filed in the dockbox briefcase. RSC keelboat skippers will be happy to mentor other members and share their skills with you.

Once you have accrued some keelboat skills and are ready to start getting signed off, you can contact one of the RSC Keelboat Instructors who can sign off for the specific keelboat that you are interested in. This information is at <https://www.rentonsailing.org/education/signoff-forms>

Common items are listed in the center column, and can be performed on either the Ranger 24, J/80, or Catalina 27. Vessel-specific items are listed under their respective columns. For an initial keelboat checkout, sign off is required on only one of the three vessels. If you want to pursue the checkout process on the other keelboat, contact an RSC Keelboat Instructor who can sign off for that vessel, and complete the vessel-specific items for that vessel.

Once the checkout sheet is completed, please send a copy to the Chief Dockmaster (ChiefDockmaster@rentonsailing.org). Please keep a copy of the sheet. Skippering a keelboat requires an Advanced rating and annual payment of the keelboat maintenance fee.

Day Sailing: (Lake Washington & Lake Union)

		<u>Approved By</u>
<u>Basic Theory/Knowledge</u>		
• Informal sail plan development (for sailor’s abilities, weather, and time allotted)	<input type="checkbox"/>	_____
○ Identify potential hazards (shallows, pilings, bridge clearances)	<input type="checkbox"/>	_____
○ Identify moorages and services	<input type="checkbox"/>	_____
○ Estimate time, distance, and fuel required for trip	<input type="checkbox"/>	_____
• Discuss at least 2 emergency scenarios and how you might handle them (e.g., medical, rig failure, collision, etc.)	<input type="checkbox"/>	_____
<u>Discuss the Following Procedures</u>		
• Bridge opening (as needed), including auditory signals	<input type="checkbox"/>	_____
• Anchoring including scope, substrate, identifying dragging, & anchor watch	<input type="checkbox"/>	_____
• Navigation by chart, use of compass and GPS	<input type="checkbox"/>	_____
• Aids to Navigation (ATONs)	<input type="checkbox"/>	_____

Boat Systems: Walkthrough of vessel with location and description of each item

R 24

J/80

C 27

- Water management
 - Bilge _____ _____ _____
 - Demonstrate bilge pumping _____ _____ _____
 - Identify through-hulls _____ _____ _____
 - Seacocks _____ _____ _____
 - Soft-wood plugs _____ _____ _____
 - Dehumidifier _____ _____ _____
 - Portapotty use, maintenance, dumping, and cleaning _____ _____ _____
 - Head use, maintenance, demonstrate pumping, and cleaning _____ _____ _____
 - Water tank: monitoring water level, filling, cleaning when needed _____ _____ _____
 - Holding tank: pumpout locations and procedures _____ _____ _____
- Electrical system & power management
 - Solar panel & controller _____ _____ _____
 - Batteries _____ _____ _____
 - Battery charger (shore power cord or alternator) _____ _____ _____
 - Electrical panel _____ _____ _____
 - Instruments (knot meter, sounder, compass) _____ _____ _____
 - GPS chart plotter _____ _____ _____
 - VHF radio & DSC _____ _____ _____
 - Inverter _____ _____ _____
- Safety Equipment
 - Skipper and crew responsibilities _____ _____ _____
 - Federal and state equipment carriage requirements by vessel size: 16-26 feet & 26-40 feet (review and identify location of each)
 - Registration and numbers _____ _____ _____
 - Personal flotation devices _____ _____ _____
 - Visual distress signals _____ _____ _____
 - Fire extinguishers _____ _____ _____
 - Sound-producing device _____ _____ _____
 - Navigation & external lights _____ _____ _____
 - Placards _____ _____ _____
 - Marine sanitation device _____ _____ _____
 - Radar reflector _____ _____ _____
- General Equipment
 - Vertical clearance and draft of vessel _____ _____ _____
 - Available sails & usage _____ _____ _____
 - Spare parts & tools _____ _____ _____
 - Winch handles (including spares) _____ _____ _____
 - Fenders _____ _____ _____
 - Anchor & rode _____ _____ _____
 - Block & tackle (for lifesling) _____ _____ _____
 - Fuel _____ _____ _____
 - Galley & cooking equipment _____ _____ _____

Demonstrate the Following Skills

	<u>R 24</u>	<u>J/80</u>	<u>C 27</u>
• Rigging vessel	<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____
• Engine operation	<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____
• From a Mooring ball			
○ Leaving under sail	<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____
○ Returning under sail	<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____
○ Leaving under power	<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____
○ Returning under power	<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____
• From the Dock			
○ Leaving under sail	<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____
○ Returning under sail	<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____
○ Leaving under power	<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____
○ Returning under power	<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____
○ Tying up to dock (including use of spring lines)		<input type="checkbox"/> _____	
• Points of sail		<input type="checkbox"/> _____	
• Hove-to		<input type="checkbox"/> _____	
• Towing a dinghy (keelboats <u>cannot</u> be towed)		<input type="checkbox"/> _____	
• Anchoring		<input type="checkbox"/> _____	
• Reefing & un-reefing	<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____
• Overboard recovery utilizing each of the following:			
○ Figure 8		<input type="checkbox"/> _____	
○ Lifesling with hoisting tackle		<input type="checkbox"/> _____	
• Maneuvering in reverse	<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____
• De-rigging & securing — perform checklist for specific vessel	<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____

Additional requirements:

- WA State Boater certificate (free on-line) or card (small fee) _____

Puget Sound Day Sailing & Overnight Cruising: (Salish Sea north to 49°N & west to Race Rocks)

Approved By

Additional Skills/Knowledge

• Demonstrate docking at a slip/departing from a slip under motor	<input type="checkbox"/> _____
• Hiram M. Chittenden Locks – demonstrate locking through procedures	<input type="checkbox"/> _____
• Discuss Vessel traffic separation lanes	<input type="checkbox"/> _____
• Discuss how to complete a Float Plan (RSC Board approval required)	<input type="checkbox"/> _____
• Use appropriate charts for a hypothetical trip to include:	
○ Planned tides & currents	<input type="checkbox"/> _____
○ How to plot a fix, use dead reckoning, and calculate Set & Drift	<input type="checkbox"/> _____
○ Weather synoptic charts, features such as gradient and fronts	<input type="checkbox"/> _____
○ Flag Courtesy, US & Canadian Customs	<input type="checkbox"/> _____
○ Anchoring plan & techniques	<input type="checkbox"/> _____