

# RHI Vessel Specifications Checklist

Use this list as a guide when completing your daily, weekly or annual checklists. It explains the key indicators of good preventative maintenance for each part of your RHI.

Item	Key Indicators
<b>Floatation Device (one per person)</b>	All closures and straps, etc. are intact and in good condition. Ensure proper fit.
<b>Tube Pressure (HARD) 3.0—3.5 PSI or 137-241 MB on new black relief valves</b>	Tubes are rigid and fully inflated. Inflate from forward to aft on both sides. Values and pressure reliefs are operating properly.
<b>Batteries</b>	Wiring must be tight and clean. No chafing of wiring runs. Batteries must be properly secured in containers. Anti-siphon caps in place.
<b>EPIRB</b>	Is securely fastened. Switched and taped in the off position. Batteries are not past expiry date.
<b>Electrical Connections</b>	Wiring runs are not chafing or binding. Connections are tight and clean. No breaks in insulation.
<b>Oil Levels</b>	Reservoirs are full. System has no leaks. Caps are tight and clean.
<b>Fuel Levels</b>	Tank(s) are full. Lines and hoses have no leaks and move freely.
<b>Tow Assembly</b>	Tow reel is tightly attached to the vessel. Line is properly secured. No visible damage to line. Reel is not loose in holders. Cover on towline.
<b>Cage</b>	Cage and engine guard bar are tightly bolted to the vessel. No cracks or deformations in the welds or pipes. All structural bolts tight. No delaminations or cracks in metal/fiberglass joints.
<b>Antennas</b>	Antennas are tightly secured to mountings, including the radar scanner. Coaxial connections and wiring are secure and not chafing.
<b>Capsize Reversal System</b>	Bag is properly stored. Bottle and firing head are secure in the mounting. Lanyard is tight and not chafing. Handle is clipped to transom. Shipping pin out and silicone in pull cord firing head.
<b>Personal Recovery Line</b>	Bag is tightly laced to cage/guard bar. Line is properly stowed and bag is closed properly.
<b>Knife</b>	Stowed properly in sheath. Not corroded. Easily accessible.
<b>Radio Test</b>	Radio tested for rx/tx on working channel. Secure in brackets.
<b>GPS</b>	Acquires position. Secure in mountings.
<b>Radar</b>	Acquires picture. All functions working properly. Secure mountings.
<b>Sounder</b>	Functions properly. Correct depth.
<b>Navigation Lights/Strobe</b>	All on and clearly visible. Switches work properly. Functions properly. Securely mounted.
<b>Instruments/Gauge Lights</b>	Functioning properly and readable. Gauge lights and compass light working. Dimmer switch, if equipped, working.
<b>Bilge Pump</b>	Working in both the manual and automatic functions.



## RHI Vessel Specifications Checklist (continued)

Item	Key Indicators
Horn	Functions properly.
Steering	Moves smoothly from hard-over to hard-over. Control cables and wiring are free moving. Connecting rod tightly secured. No excessive wear in ball joints. No spongy movement in wheel or tight spots in travel.
Search Lights	Each search light and plug works properly.
Control Head	Ease of shift (neutral—forward—reverse) without clunking or forceful shift. Friction set to desired setting.
Toolkit and Essential Spares	Tool kit complete and in good condition. Spare plugs and other parts stowed in waterproof container and in good condition.
De-Water Void Spaces/Consoles	Void spaces pumped out. Spaces under consoles and bowbox are dry.
Sea Anchor	Material and bridle are in good shape and properly attached.
Anchor and Rode	Anchor and rode are in good repair. Shackles seized, correctly stowed.
Bailer/Manual Bilge Pump	Correctly stowed. Functions properly.
DMB	Properly stowed and in good repair. If electrical type, functions properly.
Fire/Salvage Pump and Fuel	Correctly stowed. Proper service and start-up and shut-down procedures adhered to. Fuel stowed in proper container—not leaking. Pump not damaging other contents of bowbox.
Buoyant Heaving Line	Properly stowed. Line in good repair. Easily accessible.
Paddles	Correctly stowed. In good repair.
Flares	Not past expiry date. Stowed in dry container. No sweating or cracks in cases.
First Aid Kit	Correctly stowed. Fully equipped. Dry. Easily accessible.
Fire Extinguisher(s)	Stowed securely in bracket. Easily accessible. Gauges show correct pressure. Container not excessively corroded.
Bolts	Tight.
Tilt/Trim	Full range of movement of engines with all trim controls. Moves smoothly.
Props/Skegs	No chips or cracks in props/skegs/lower leg/ventilation plates. Retainers for props present and correct.
Engine Hours	Information recorded and transferred to appropriate logbook.
RPM at Idle	Neutral idle and in-gear idle compares well to manufacturer-recommended idle settings. (Put in gear only when engines are running.)
Tell Tales	Forceful jet of water from back of engine. Ensure forceful presence of water PSI. Proper water pressure readings on gauges if so equipped.
Kill Switches	After all warm-up procedures complete, kill switches stop engines on removal. Engines re-start, run properly and shut down correctly with key. Spare kill switch lanyards in boat. Spare keys in boat.