

Spring Preventative Maintenance Checklist

*Promoting a safe and fun boating lifestyle,
all items and services available at Washburn Marina.*

The Washburn Marina and staff want you to have a safe and enjoyable boating season. Having a well-maintained vessel will help ensure this happens for you. Please take advantage of this checklist as a reminder of all the important systems to check before going out on the lake this year. Use this list as a component of your maintenance log.

The Washburn Marina Service Department is available to assist you and answer any questions you may have regarding the items on this checklist. Our trained staff is available to provide service should you need assistance or wish to have a professional take care of your maintenance needs. Please let us know how we can help!

Engine compartment:

- 1. Check **oil** (start season with fresh oil)
- 2. Check **coolant** (verify proper mixture of water-to-coolant)
- 3. Check **transmission fluid** (change as necessary)
- 4. Check spark plug wires, distributor caps, water pump **impellers**
- 5. Check condition of all **hoses and hose clamps** (replace as soon as any wear appears)
- 6. Check all **seacocks** (lubricate) - replace any gate valves with levered ball valves
- 7. Test **bilge pumps & float switches**, verify pump is wired directly to batteries, not to panel
- 8. Have **automatic fire extinguisher** inspected, serviced and tagged
- 9. Check all **electric wires** and connections (proper butt connectors, no wire nuts or tape)
- 10. Install mounted/covered **acid-proof battery boxes**
- 11. Inspect all **tanks** (fuel, water, hot water, holding tanks) check for leaks and secure mounting
- 12. Test **gas vapor detector** and/or **high water alarms** (if installed; if not, consider installation)
- 13. Run engines and check for vapor and/or water **leaks from exhaust manifolds or hoses**
- 14. Closely inspect **rudder posts** for leaks
- 15. Activate and inspect **trim tab pumps** for hydraulic fluid leaks
- 16. Check **engine mounts** for signs of movement or cracks around mounting bolts
- 17. Verify **flame arrestor** is clean and properly mounted (gas engine)
- 18. Check **mufflers** for cracks and/or leaks
- 19. Replace any open **AC outlets** with proper hinged weather tight units
- 20. Inspect and test hydraulic **steering system** for leaks and proper fluid pressure
- 21. Have certified mechanic inspect/service engines (as necessary)

Decks/General:

- 1. **Clean** all surfaces - only wax "no-walk" areas
- 2. ID any **spider cracks** around stanchion bases, hatches, portholes, companionways, decks
- 3. Test all steaming, navigation and anchor **lights** - replace as necessary-**consider LED replacements**
- 4. Test **horn**
- 5. Test **V.H.F. radio** and all **navigational electronics. Update electronics software.**
- 6. Check date on **flares** - replace if outdated
- 7. Check **throttles and gear shifters** - lubricate as necessary
- 8. Check **life jackets** - if in bag, check zipper is intact and lubricated
- 9. Check condition of throwable **life-ring or horseshoe** - replace if cracked
- 10. Check **bridge/helm seats** for secure mounting

Salon/Bilges:

- _____ 1. Pressurize all **fresh water systems** and check for leaks
- _____ 2. Inspect all **hoses** for condition and kinks - check hose clamps
- _____ 3. Check **bilge and sump pumps/float switches**
- _____ 4. Check all **galley appliances** - propane stoves should have electric solenoid control switch
- _____ 5. Test all **AC/DC lights** - replace any burned light bulbs, **consider LED replacements**
- _____ 6. Inspect **bilge** – clean of any oil or residue
- _____ 7. Test **air conditioning system** - check circulating pumps for leaks
- _____ 8. Check all **seacocks** - lubricate as necessary
- _____ 9. Check any salon **V.H.F. radios** or backup electronics
- _____ 10. Check **fire extinguishers** - verify units are properly mounted in safe and accessible locations

Bottom: (Note: The Marina staff provides an inspection at launch of these items.)

- _____ 1. Have certified technician **inspect bottom** for blisters, delamination or spider cracks
- _____ 2. Inspect **propellers** - recondition if necessary
- _____ 3. Inspect **zincs, shafts, cutless bearings and throughhulls**
- _____ 4. Apply new **bottom paint** - remove/rejuvenate every five years

Paperwork/Inventory:

- _____ 1. Check for current-dated **registration** and documentation papers. WI Registration is required on all vessels.
- _____ 2. Verify that all necessary **manuals and resource books** are on board
- _____ 3. Verify that **maintenance logs** are current
- _____ 4. Check inventory of **spare parts** for engines, pumps, etc. **(HAVE SHIP STORE MAKE A CUSTOM KIT!)**
- _____ 5. Check all **charts** and navigational tools

First Aid/Emergency Gear:

- _____ 1. Check **first aid kit** - replenish as necessary
- _____ 2. Refresh all first aid techniques - renew C.P.R. certification
- _____ 3. Verify that **placards** are posted designating location of fire extinguishers, 1st aid kit and VHF (radio) procedures
- _____ 4. Check battery in **EPIRB** and flashlights
- _____ 5. Verify that **liferaft** inspection tag is current
- _____ 6. Verify that entire **crew** is familiar with use of flares, V.H.F. radio procedures, man-overboard retrieval techniques and all emergency response systems - **PRACTICE OFTEN UNDER REALISTIC CONDITIONS!**

Sailboats (in addition to above points):

- _____ 1. Check all **halyards and sheets**
- _____ 2. Have sailmaker inspect and service **sails** (as necessary)
- _____ 3. Lubricate all **winches**
- _____ 4. Inspect **cable-to-quadrant steering**
- _____ 5. Have **standing rigging** professionally inspected and tuned
- _____ 6. Inspect and lubricate **mast and boom tracks**

The Washburn Marina Service Technicians would like to build you an
Emergency Repair Kit specifically for your boat.

Included are:

Belts for main engine operation
Hoses and clamps for primary engine operation
Engine impeller
Through hull plugs
Other necessary items

All items will be assembled in a labeled box with the items labeled for their appropriate use. If you do not know how to use these items, please let us know and we will provide a service technician for training.

Call 715-373-5600, email store@washburnmarina.com or stop in the store