

# **Marine Maintenance Check List**

## **Fuel System**

- \_\_\_ Change filters (Oil filter \_\_\_? Gas filter \_\_\_?)
- \_\_\_ Shut off valves installed and functioning
- \_\_\_ Lines and hoses checked, clamps tightened
- \_\_\_ Filler fitting and tank grounded
- \_\_\_ Tank vents clear
- \_\_\_ Tank checked for water contamination
- \_\_\_ Water separator checked
- \_\_\_ Exhaust blower working
- \_\_\_ Carburetor checked for leakage
- \_\_\_ Flame arrestor clean and tight
- \_\_\_ Injectors and injector pump inspected (diesel)

## **Lubrication System**

- \_\_\_ Oil changed and topped up on a regular basis
- \_\_\_ Crankcase checked for water contamination
- \_\_\_ Filters changed on a regular basis
- \_\_\_ Crankcase oil level checked before each voyage
- \_\_\_ Gearbox oil level checked before each voyage

## **Electrical System**

- \_\_\_ Battery fluid level checked
- \_\_\_ Battery terminals clean and tight
- \_\_\_ Battery switch installed
- \_\_\_ Battery secured
- \_\_\_ Alternator / Generator belts checked
- \_\_\_ Wiring checked for loose connections
- \_\_\_ Wiring properly strapped
- \_\_\_ Navigation and anchor lights functioning
- \_\_\_ Interior lights functioning
- \_\_\_ Gauges functioning
- \_\_\_ Sacrificial zincs installed and checked
- \_\_\_ Shore power cable and connections
- \_\_\_ Engine compartment blower
- \_\_\_ Engine block heater

## **Ignition System**

- Spark plugs and points properly gapped
- Timing checked

## **Cooling System**

- Hoses checked, clamps tightened
- Belts checked
- Through hull fittings checked
- Header tank filled
- Sea strainers clean

## **Exhaust System**

- Discharge clear with good flow
- Manifolds and flanges tight
- Heat shielding

## **Miscellaneous**

- Stuffing box checked
- Steering components checked
- Standing and running rigging checked (sailboats)
- All fittings tight
- Head fittings OK
- Bilge pump(s) and float switch checked

## **Tools**

- Socket set, plug wrench/socket
- Screwdrivers
- Wrenches
- Pliers, vise grips
- Hacksaw
- Wire brush
- Hammer
- Filter wrench (fuel AND oil)
- Battery hydrometer
- Electrical multi-meter
- Antifreeze tester
- Flashlight and spare batteries
- Toolbox
- Grease gun
- Feeler gauge

- \_\_\_ Wire stripper / crimper
- \_\_\_ Allen Wrenches

## **Spares**

- \_\_\_ Propeller, shear pins and cotter pins
- \_\_\_ Plugs for tough hulls
- \_\_\_ Gaskets and gasket compound
- \_\_\_ Fuel filters and fuel pump
- \_\_\_ Engine oil and oil filters
- \_\_\_ Crankcase oil / lube
- \_\_\_ Spark plugs, points, condenser, coil and distributor cap
- \_\_\_ Battery(s)
- \_\_\_ Belts
- \_\_\_ Fuses light bulbs etc.
- \_\_\_ Solenoid switches
- \_\_\_ Hoses, clamps and belts
- \_\_\_ Coolant
- \_\_\_ Water pump and impeller(s)
- \_\_\_ Electrical wire
- \_\_\_ Sandpaper and emery cloth
- \_\_\_ Shackles and shackle pins
- \_\_\_ Rags
- \_\_\_ Bilge socks
- \_\_\_ Absorbent pads
- \_\_\_ Grease, penetrating oil
- \_\_\_ Anti-corrosion spray
- \_\_\_ Electrical tape
- \_\_\_ Electrical wire (spools)
- \_\_\_ Fuel and container
- \_\_\_ Sacrificial zincs
- \_\_\_ Fuel tank anti-contamination solution