

Vessel – Moody Waters
Moody 33 MK II - 1980
Maintenance Schedule

A Brief History

Moody Waters was purchased by my wife and I in 1997. Following our survey, the recommended works were carried out together with additional re-fit and improvements over the years as listed below.

Winter 97/98

Full osmosis treatment by Kiss Marine at Hythe with lifetime guarantee.
All mast wiring completely renewed, to termination box below.
Raytheon Radar, Garmin GPS and Firdell radar reflector fitted.
V Tronix Hawk antenna and masthead tri colour with anchor light fitted.
Whale Gulper electric bilge pump with automatic float switch fitted
Shore power fitted.
Basic Battery Charger fitted.
New ST50 Autohelm sum log fitted.
Baby stay anchorage re fitted and made sound.
Rigging screw and shroud cover protectors fitted
Rigging inspection and report
Winches serviced
Gas Pipes checked for date stamp and replaced as necessary
Winterized ashore and antifouled
Hull and shaft anode replaced
Hull polished

Winter 98/99

Engine and gearbox removed and overhauled
Cylinder head removed for decoke, valves reseated / injectors serviced
Diesel injector pump stripped down and serviced
New fuel lift and fresh water pump fitted
Raw water pump bearings overhauled with repair kit
New raw water hoses and gate valve fitted
New engine mounts fitted
Engine repainted with original Thornycroft metallic blue
New exhaust water injection bend fitted
New GRP exhaust siphon box and exhaust hose fitted
Alternator and starter motor tested by Lucas Marine
New stern gland and cutlass bearing fitted
Prop shaft drawn, checked and balanced
Grounding bonding replaced from all hull valves, tank and metal fittings to anode
Cockpit engine hatch fitted with flush securing latch
Keel bolts visually inspected and treated for rust prevention
Fridge fitted in saloon under sink in galley
Whitlock steering binnacle overhauled and re sprayed
Whale manual bilge pump overhauled
Teak stern toerail dismantled renovated, reassembled, and made watertight
Winterized ashore and antifouled
Hull polished

Winter 99/00

New saloon sole fitted with new marine ply with laminated teak and cherry stripe finish
Bilge areas and all lockers painted with primer and International bilge paint
Henderson pump in heads overhauled with repair kit diaphragm and seals
Fuel tank inspected cleaned internally, and repainted externally
Water Tank inspected and cleaned internally
New throttle cable fitted
New ignition / starter switch fitted
New bearings fitted to Rotostay furling fitting
Genoa sacrificial strip replaced
Topside blue trim re painted
Winches serviced
Folding propeller overhaul
Engine serviced
Winterized ashore and antifouled
Hull and shaft anode replaced
Hull polished

Winter 00/01

New Plastimo Offshore 100 Compass fitted to binnacle
All deck ECS vents replaced with new
Spray hood washed and Scotchguarded
Sails washed
Winches serviced
New exhaust water injection bend fitted
New main and topping lift halyards fitted
New spreader boots fitted
Rigging checked
Engine serviced
Winterized ashore and antifouled
Hull polished

Winter 01/02

Integral AC Distribution RCD, 3 stage 25A Charger fitted
Spray hood washed and Scotchguarded
Sails washed
Voltwatch battery level indicator fitted
Antifouling at water line taken back and Blakes Waterline painted
Grab rails and wash boards treated with Endeavor Teak Oil
Winches serviced
Engine serviced
Winterized ashore and antifouled
Hull polished

Winter 02/03

Plastimo 6 man valaise life raft purchased
Rotostay furling gear overhauled
Outboard service / overhaul
Boom serviced and cleaned
Spray hood washed and Scotchguarded
Diesel Injectors serviced
Standing and running rigging check
Engine serviced
Hull and shaft anode replaced
Winterized ashore and antifouled
Hull polished

Winter 03/04

Rigging checked
Eberspacher D1LC Heating Fitted
Engine serviced
Winches serviced
Winterized ashore and antifouled
Hull polished

Winter 04/05

Sails Laundered
Eberspacher D1LC Heating upgraded to D2 Airtronic
Additional hot air outlets fitted to saloon and heads
Grab rails and wash boards treated with Endeavor Teak Oil
Safety Netting replaced (Starboard Side)
Tricolour / anchor light replaced
Engine serviced
New exhaust water injection bend fitted
Oil filter upgraded to canister spin on type
Winterized ashore and antifouled
Hull polished

Winter 05/06

Gates with pelican hooks and new stainless steel stanchions fitted
Tricolour / anchor light upgraded with LED's
Galvanic isolator fitted
Stopcocks and Gate valves inspected / cleaned, replaced anode bonding
Full canvas tarpaulin boat cover fitted
Steering binnacle & cables serviced
Sum log upgraded to Raymarine ST60 + Tri-data system with transducers
New Raymarine ST60 wind masthead transducer fitted.
2 x additional leisure 110 Ah batteries fitted in forpeak
2nd CEL/SW2 Battery switch with monitoring and microprocessor system fitted
Engine serviced
Freeview Digital TV Receiver box 12v fitted
Glomex TV aerial fitted
Redi-Line 220v mains generator fitted
Rigging checked
Folding propeller overhaul
Hull and shaft anode replaced
Winterized ashore and antifouled
Hull polished

Winter 06/07

Replacement Bowman Heat Exchanger
Autohelm upgraded to Raymarine MK II Wheel Pilot ST4000 / ST60
Temperature and Oil Warning Alarms Fitted
Life raft serviced
Winches serviced
Replaced Water Line Stripes
Sails Laundered
Engine serviced
Grab rails and wash boards treated with Semco Teak Treatment
Hull polished
Upated Alternator Lucas A127 – 75 Amp

Winter 07/08

New main sail
Alternator upgraded to 70amp
New exhaust water injection bend fitted
Spray Hood renovated - New Windows
Front Passport Hatch Replaced with Lewmar Low Profile Hatch (Size 60)
Safety Netting replaced (Port Side)
Grab rails and wash boards treated with Semco Teak Treatment
Engine removed, rebuilt, overhauled / replaced crankshaft bearings, skimmed crankshaft, new oil pump
Fuel lift and water pump overhaul
Anchor winch overhaul
Winterized ashore and antifouled
Hull polished

Winter 08/09

Galvanic isolator fitted
Additional 2 x 110Ah batteries fitted fore peak
Safety Netting replaced (Starboard Side)
Winches serviced
Stern gland re packed
Raw water pump reconditioned
Domestic fresh water pump replaced
V Tronix Hawk antenna & wind indicator replaced
Rigging checked
LED anchor light fitted.
Genoa sheets replaced
Grab rails and wash boards treated with Semco Teak Treatment
Stripper propeller protector overhaul
Engine serviced
Hull and shaft anode replaced
Hull polished

Winter 09/10

New cockpit tent fitted (Tecsew)
New sprayhood fitted (Tecsew)
Window seals replaced
Eberspacher heating serviced
Genoa sacrificial strip replaced
Rotostay furling gear overhauled
New exhaust water injection bend fitted
Safety running line replaced
Gas appliance, regulator and pipes checked
Flexible gas pipes replaced
Fuel lift pump overhauled
New calibrated anchor chain fitted - 50m
Rigging checked
Grab rails and wash boards treated with Semco Teak Treatment
Folding propeller overhaul
Engine serviced
Hull polished
Winterized ashore and antifouled
Hull polished

Winter 10/11

Gearbox overhaul
2 x Fore peak batteries replaced with new
2 x Lewmar 40 self-tailing genoa winches fitted
Morse control overhauled & serviced
Injectors serviced, heater plugs replaced
Life raft serviced
Throttle cable replaced
Gearbox control cable replaced
Fuel tank inspected cleaned internally
Winches serviced
Hull and shaft anode replaced
Grab rails and wash boards treated with Semco Teak Treatment
Stern gland re packed
Engine serviced
Hull polished

Winter 11/12

New exhaust water injection bend fitted
Auxiliary battery replaced
Genoa furling line replaced
Topping lift replaced
Steering binnacle & cables serviced
Rigging checked
New spreader boots fitted
Henderson pump in heads overhauled with repair kit diaphragm and seals
Winches serviced
LED lighting clusters fitted to all cabin fittings
Water Tank inspected and cleaned internally
Grab rails and wash boards treated with Semco Teak Treatment
Engine serviced
Hull and shaft anode replaced
Hull polished
Winterized ashore and antifouled

November 2013 to July 2014 - Ashore at Port Solent Marina (not launched)

Mast removed
Hull & rudder stripped with air tool composite discs of all antifouling back to first epoxy layers applied in '97 / '98
Hull allowed to dry and frequent high pressure washing carried out
Keel ground back to metal and epoxied where necessary
3 skin fittings removed and replaced with Trudesign composite fittings
Internal hoses replaced where necessary
Hull to keel joint ground out and re-applied
Rudder skeg fairings removed and re-bedded
Rudder lower bearing and shaft gland checked for wear and re-packed
Stern gland re-packed and new hose seal fitted
P Bracket cutlass bearing replaced with new
New propeller shaft fitted
New propeller shaft coupling fitted
New R&D flexible couplings fitted
Folding propeller dismantled, cleaned and polished - refitted
Rope cutter dismantled and serviced with new spacers
Engine re-aligned with propeller shaft
Engine raw water hoses and clips replaced
Engine heat exchanger and stack pipe dismantled cleaned and flushed / replaced
Engine exhaust injection elbow and exhaust hose replaced with new
Gearbox raw water cooling elbow hosedails replaced with Trudesign composite fittings
Engine serviced, oil, antifreeze, oil and diesel filters, new impeller

Starter motor overhauled / serviced, new brushes
Fairing applied where necessary to hull, keel and rudder
5 coats of Hempel Gel Protect GFE 200 followed by 1 primer coat applied to hull and rudder
2 coats of antifouling applied to hull, rudder and keel, with scrubbable antifoul to water line
New wiring to tri-colour, anchor, steaming, deck light, wind sender, vhf, tv and radar fitted
New Scanstrut radar bracket fitted
Firdell radar reflector removed and refitted with new brackets
New steaming and led deck light fitted
New Tri Colour and anchor light fitted
New Glomex TV aerial fitted
All standing rigging replaced with new 8mm 1 x 19 stainless steel wire rope
All rigging terminals replaced with Sta-Lok and Navtec Norseman swageless terminals
New mast backplates for T ball terminals fitted into mast
Rotostay furling gear and foil dismantled, new 7mm 1x19 wire rope, top and lower bearings replaced
New Teleflex Morse control lever fitted.
Hull and shaft anode replaced.
Hull polished.
New Index Marine deck cable gland fitted.
Mast re-fitted to boat & re-launch.
Hull polished

Winter 14/15

New Ultrasonic Antifouling fitted
Engine serviced, oil, antifreeze, oil and diesel filters, new impeller.
Water tank, water heater and piping flushed cleaned, de-scaled and drained.
Manual windlass overhaul and service.
Aft teak toerail maintenance and refurbishment
Main and Genoa sails laundered.
Running rigging removed during winter period.
Raymarine radar inspected and lubricated where necessary.

Winter 15/16

Lifted ashore
Engine serviced, oil, antifreeze, oil and diesel filters, new impeller
Tanks drained and cleaned.

Winter 16/17 – 17/18 – 18/19 – 19/20

Winterised Ashore

2021 / 2022

Prop shaft anode replaced.
Propeller polished; rope cutter serviced.
All running rigging renewed.
All winches serviced
Windlass serviced.
Hull compounded and polished.
All safety netting removed.
Teak grabrails and toerail treated with Semco teak sealer.
Hull pressure washed and 2 coats of antifouling paint.
New Voyager 4500 gas cooker installed.
New flexible gas regulator pipe fitted
Hard boot topping applied to water line.
Engine serviced, oil, filters and antifreeze.
2 x Fuel Filters replaced.
Fuel Tank emptied, flushed and cleaned.
New navy sail cover fitted.

2022 / 2023

Lifted, pressure washed, scrubbed, 2 coats of antifouling applied to hull, rudder and keel.
Hard boot topping applied to water line.
Engine / gearbox cooling pipes de-scaled and flushed.
Hot & cold galley sink taps – new.
Hull compounded and polished.
Teak grabrails and toerail treated with Semco teak sealer.
Sails, genoa, spray hood and cockpit removed for winter storage.
Upholstery and mattresses replaced - new 2023 (Comfort Afloat)
Hull polished

2023 / 2024

Lifted, pressure washed, scrubbed, 2 coats of antifouling applied to hull, rudder and keel.
Hard boot topping applied to water line.
Rope stripper and folding propeller dismantled and descaled.
New prop shaft and hull anodes fitted.
Engine re-aligned with prop shaft
Engine serviced, oil, antifreeze, oil and diesel filters, new impeller.
All windows overhauled / new screw seal fitted
Raymarine ST60 instrument display fitted.
LED spotlight bulbs fitted forepeak and aft cabins,
Whale Henderson MK5 (Toilet) - new diaphragm fitted.
Fuel tank inspection plate re-sealed.
Rudder shaft gland re-packed with graphite 6mm packing.
Raw Water Pump gland replaced.
Teak grabrails treated with Semco teak sealer.
Washboards treated with Semco teak sealer.
Hull polished.

2024 / 2025

New Glow Plugs Fitted.
New Eberspacher fuel pump fitted.
Antifreeze Coolant flushed and replaced.
Gearbox Oil drained and replaced – changed filter.
New engine thermostat (82 degrees)
New Stainless engine radiator cap (7psi)
Simpson Lawrence Windlass full refurbish & service.
Whitlock Steering binnacle re-painted.