FIXES ON HILMA 2023-24

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| YEAR | CATEGORY | WHAT | COMMENT |
| 2024 | Rigging | New standing rigging including mast, boom, vang and all shrouds and stays. (Electrical installations in mast: VHF antenna, TV antenna, Wind instrument, Windex, all lanterns, spreader-up-lights (blue) and deck light.) | Sparcraft |
| 2024 | Rigging | All new jammers, blocks and sheeting systems for gennacker and code zero | Lewmar |
| 2024 | Rigging | New running rigging color coded. All halyards in dyneema, all other in reinforced polyester. (double gennacker and main halyards). Most shackles replaced by dyneema soft shackles |  |
| 2024 | Rigging | Made tracks and holders for two spinnaker poles on the front of the mast |  |
| 2024 | Rigging | Bought two new spinnaker poles and a jockey pole with quick fittings |  |
| 2024 | Rigging | Installed a Walder boom breaker for downwind sailing. | Walder |
| 2024 | Sails | New main sail (3Di OCEAN 330 NORDAC 22,400 Dp) and genoa (3Di OCEAN 330 NORDAC 23,800 Dp and gennacker (NorLon NY150, 1,5 oz)  Furling main sail, top down furling system for gennacker and code zero. | North Sails |
| 2024 | Sails | Recut the code zero and jib to the new mast design |  |
| 2024 | Engine | Replaced the bow thruster gear box and propellers | MaxPower |
| 2024 | Engine | Cleaned the diesel tank inside by hand |  |
| 2024 | Engine | Replaced all four engine mounts for main engine |  |
| 2024 | Engine | Bought new gearbox and installed. Gear ratio 2,14 | Kamzaki KM4A2 |
| 2023 –2024 | Engine | Full service every year according to service schedule |  |
| 2024 | Engine | Installed new propeller MaxProp EASY 4-blade 22´´ | MaxProp EASY 4-blade 22´´ |
| 2024 | Engine | Aligned the engine plus the propeller shaft to prevent against vibrations and correct angles |  |
| 2024 | Engine | Painted the propeller with Propspeed |  |
| 2024 | Engine | Changed the engine starting panel in cockpit (previous hour meter not working) |  |
| 2024 | Engine | Changed bushings for the propeller shaft |  |
| 2024 | Engine | Installed pressure T-guage in top of Racor filter |  |
| 2024 | Generator | Changed bent hose for cooling system |  |
| 2023 | Generator | Renovated the fuel pump and the fuel regulation system including replacing the injector |  |
| 2023 | Generator | Moved the sea cock for the water intake for the cooling water |  |
| 2023 | Generator | Serviced and changed several parts on the generator |  |
| 2023 | Generator | Replaced the control panel display at the nav station |  |
| 2024 | Hull | Deep cleaned and polished hull sides |  |
| 2024 | Hull | Applied new bottom paint of commercial ship quality, International. |  |
| 2024 | Hull | Replaced the swimming platform motor, mechanics and GRP on starboard side. |  |
| 2024 | Hull | Renovated the cockpit arch and sealed the bases against water intake |  |
| 2022 | Hull | Replaced all sea cocks with new brass sea cocks |  |
| 2023 | Bow Truster | Replaced the gearbox and both propellers | Max Power |
| 2024 | Electronics | 2 new Raymarine Axiom pro 12 RV plotters with Navionics charts for Europe and Atlantic | Raymarine Axiom pro 12 RV |
| 2024 | Electronics | 2 Raymarine multidisplay instruments for wind, one in cockpit and one at nav station | Raymarine multidisplay |
| 2024 | Electronics | New Radar Quantum with doppler functionality | Quantum |
| 2024 | Electronics | Installed a new B&G VHF |  |
| 2024 | Electronics | Collected all instrumentation on a new navigation panel at the nav station |  |
| 2024 | Electronics | Replaced transponder through hull for Raymarine |  |
| 2024 | Electronics | Installed a new compass in steering piedestal port side |  |
| 2023 | Electronics | Installed new AIS transponder class B |  |
| 2023 | Electronics | Installed a new fusion radio with two separate zones |  |
| 2023 | Electronics | Installed Wayfinder / iNav4you | Wayfinder / iNav4you |
| 2023 | Electronics | Installed Starlink Global | Starlink |
| 2024 | Electricity | Changed all internal light bulbs to soft white LED, 0,7W and soft white / red 1W |  |
| 2023 | Electricity | Installed new Hydrogenerator Watt & Sea 300 | Watt & Sea 300 |
| 2023 | Electricity | Installed 4 additional (Reserve) gel batteries of totally 880Ah (Installed as an exra battery bank feeding to the service batteries and controlled via Victron Smart Shunt DC/DC controller) |  |
| 2024 | Electricity | Installed 4 new service batteries of totally 920Ah |  |
| 2023 | Electricity | Installed 4 solar panels in two groups of 2 x 440W and two Victron regulators under saloon floor |  |
| 2023 | Heating | Renovated the Webasto heater system |  |
| 2023 | Safety | Bought 6 New Spinlock 6D, life wests (PFD´s) with MOB1 (5) and PLB3 (3) installed. |  |
| 2023 | Safety | Replaced all nonfunctioning fire extinguishers and installed a fire blanket in the galley |  |
| 2023 | Safety | Installed new Danbuoy, Life sling, Jacklines, Searchlight, EPIRB etc |  |
| 2023 | Safety | Repacked life raft Plastimo good until 2026 |  |
| 2023 | Safety | Moved the life raft to the outside of the cockpit arch with a new stainless fitting |  |
| 2023 | Safety | Bought one extra VHF handset for safety |  |
| 2023 | Safety | Made a grab bag according to ARC+ standards |  |
| 2023 | Steering | Changed all bearings for the rudder |  |
| 2023 | Steering | Installed new Hydrovane windvane | Hydrovane |
| 2023 | Steering | Replaced the bolt between the quadrant and the autopilot and taped a spare on top of the quadrant. |  |
| 2023 | Deck | Installed a large Bimini structure in stainless steel over aft cockpit. Secured to the pushpit and the cockpit arch. |  |
| 2023 | Deck | Installed new plexiglass hatch in the forepeak |  |
| 2023 | Deck | Connected new wires and connectors to the windlass controls |  |
| 2023 | Deck | Renovated the sprayhood and the forward Bimini |  |
| 2024 | Deck | Repaired and renovated the swimming platform |  |
| 2024 | Deck | Serviced all the winches twice a year |  |
| 2024 | Deck | Replaced all guard rails |  |
| 2024 | Deck | Made new UV protection canvas for all the vertical windows |  |
| 2023 | Deck | Changed the leather on both steering wheels | Moose leather |
| 2023 | Deck | Reparied the hinges on liferaft locker fw and aft |  |
| 2023 | Deck | Bought new anchor – Viking 20 | Viking 20 |
| 2023 | Deck | Repaired the windlass |  |
| 2023 | Water | Replaced the washing machine with a new one | Euronova 1000 |
| 2023 | Water | Removed the dish washer from the galley |  |
| 2024 | Water | Changed the gaskets and tap inserts in the mixers in both bathrooms |  |
| 2023 | Water | Replaced the aft shower pump with a new one |  |
| 2023 | Water | Replaced the forward shower pump with a new one |  |
| 2023 | Water | Changed both shower mixers and fittings |  |
| 2023 | Water | Changed inserts in toilet wash bowl taps |  |
| 2023 | Water | Installed Schenker 30 watermaker with a control tap in the galley | Schenker 30 |
| 2023 | Water | Installed a new bronze through hull for the watermaker |  |
| 2023 | Galley | Changed the water tap and mixer |  |
| 2023 | Galley | Bought an IKEA induction stove with two zones for shore power cooking |  |
| 2023 | Galley | Installed new fan behind the refrigerator to cool the void space under the staircase |  |
| 2024 | Saloon | Made an extra tools cupboard behind the sittees on the starboard side |  |
| 2024 | Saloon | Laid out a new rubber soled carpet in the saloon |  |
| 2024 | Saloon | Installed a new lock in port toilet door |  |
| 2023 | Dinghy | Bought secondhand outboard Yamaha 8hp | Yamaha 8hp |
| 2023 | Dinghy | Bought secondhand dinghy – Takacat 320 | Takacat 320 |