# Equipment

Boat Console - exported 2026-11-25

| Reference no. | Name | System | Manufacturer | Model | Model year | Serial number | Location on board | Has an hour meter | Current running hours | Installed | Warranty expires | Service contact / supplier | Key features | How it works / operating notes | Technical specs | Known issues / what tends to go wrong | Other notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 04-001 | Main engine | 04 - Propulsion | Volvo Penta | D4-300 | | 5003841120 | Engine room | 1 | 3412.0 | | | | | Before start: check oil, coolant, belts, raw-water seacock OPEN, fuel valves open. After start: confirm cooling water from the exhaust within seconds, oil pressure up, no alarms... | | Overheating: almost always raw-water side - closed seacock, blocked strainer, failed impeller (check for missing vanes downstream in the heat exchanger), or fouled heat exchange... | |

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| 04-002 | Shaft, seal & propeller | 04 - Propulsion | Tides Marine | SureSeal 1.5" | | | Engine room, aft | 0 | | | | | | Dripless/lip shaft seal - should not drip when running. Folding/feathering propeller - check it opens and closes cleanly. | | Vibration: fouled or damaged propeller, worn cutless bearing, misalignment. Shaft seal weeping: needs burping/service. | |

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| 06-001 | Generator | 06 - Electrical generation | Northern Lights | M944W3 12 kW | | NL944-77120 | Engine room, port | 1 | 6875.0 | | | | | Check oil and coolant before start, raw-water seacock open. Start, confirm exhaust water, let it warm before applying load. Remove load and run 3-5 min before stopping. | | Shuts down on high temp: raw-water flow (impeller, strainer, seacock). Won't start: fuel, glow plugs, start battery, or a safety shutdown (low oil/high temp) - check the panel f... | |

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| 06-002 | Shore power & isolation transformer | 06 - Electrical generation | | | | | | 0 | | | | | | Always switch the shore breaker OFF before connecting/disconnecting. Check polarity indicator after connecting. | | Tripping on connection: reverse polarity or a fault on the dock - test the pedestal. Burnt/brown plug pins: loose or corroded - replace immediately (fire risk). | |
| 06-005 | Battery chargers & inverter | 06 - Batteries & DC distribution | Victron | Quattro 24/5000 | | HQ2214 | Electrical cabinet | 0 | | | | | | | | | |

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| 06-003 | House battery bank | 06 - Batteries & DC distribution | Victron | LiFePO4 25.6V 200Ah x4 | | | Under saloon sole | 0 | | | | | | Note battery type (AGM/gel/lithium/flooded) here - charge settings depend on it. | | Fast voltage drop under load: capacity loss - capacity test. Hot terminal: loose connection - tighten with power isolated. | |
| 06-004 | Start batteries | 06 - Batteries & DC distribution | | | | | | 0 | | | | | | | | | |

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| 05-002 | Fresh water system | 05 - Fresh water & watermaker | | | | | | 0 | | | | | | | | Pump cycling with taps closed: leak somewhere or failed accumulator / non-return valve. | |
| 05-003 | Hot water heaters | 05 - Fresh water & watermaker | | | | | | 0 | | | | | | | | | |

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| 05-001 | Watermaker | 05 - Fresh water & watermaker | Sea Recovery | Aqua Whisper Pro 900 | | SR-90021 | Engine room, aft | 1 | 1288.0 | | | | | Run with clean sea water only (not in harbours/ dirty water). Flush with fresh water after each use. If not used for ~7 days (check manual), flush again or pickle. | | Rising ppm: membrane fouling or a leaking O-ring - check product water quality before sending to tank. High pressure / low flow: blocked pre-filters or fouled membrane. Low pres... | |

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| 03-001 | Air conditioning | 03 - HVAC & refrigeration | Dometic | Marine Air VTD 16k x3 | | | Various | 0 | | | | | | | | Not cooling / high-pressure trip: raw-water flow - strainer, pump, seacock, or fouled condenser coil.<br>Ice on evaporator: dirty air filter or low airflow. | |
| 03-002 | Fridges & freezers | 03 - HVAC & refrigeration | | | | | Galley | 0 | | | | | | | | | |

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| 02-001 | Hydraulic power pack | 02 - Hydraulics | Cariboni | HPU 4 kW | | | Lazarette | 1 | | | | | | Note what each valve/circuit operates here, and the emergency manual-override procedure. | | Slow or weak functions: low oil level, clogged filter, internal leakage. Noisy pump: air in the system or low oil. | |
| 01-002 | Autopilot | 01 - Steering | B&G | H5000 Pilot | | | Nav station | 0 | | | | | | | | | |
| 01-001 | Steering system | 01 - Steering | | | | | Lazarette | 0 | | | | | | Note where the emergency tiller is and how to fit it. | | Play/knocking: worn bearings or loose quadrant. Stiff steering: bearing seizure or cable/rod issues. | |
| 08-003 | Furlers | 08 - Rig & sails | Reckmann | RF 2.5 | | | Foredeck | 0 | | | | | | | | | |
| 08-002 | Running rigging | 08 - Rig & sails | | | | | | 0 | | | | | | | | | |

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| 08-004 | Sails | 08 - Rig & sails | | | | | Sail locker | 0 | | | | | | | | | |
| 08-001 | Standing rigging | 08 - Rig & sails | | | | | | 0 | | | | | | Record rigging type (rod/wire/composite), date fitted and rig tune numbers here. | | Cracks at terminals/fittings, bent tangs, missing split pins/rings. Look at every pin and ring before passages. | |
| 02-003 | Anchor windlass & ground tackle | 02 - Deck equipment | Maxwell | VWC 3500 | | | Anchor locker | 0 | | | | | | | | | |
| 02-004 | Bow thruster | 02 - Deck equipment | Side-Power | SE100/185T | | | Forepeak | 0 | | | | | | | | | |
| 02-005 | Hatches & portlights | 02 - Deck equipment | | | | | | 0 | | | | | | | | | |

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| 02-002 | Winches | 02 - Deck equipment | Harken | Performa 60/70 | | | Cockpit | 0 | | | | | | | | Slipping pawls: dirty/worn pawls and springs - service. Never use grease on pawls; oil only. | |
| 04-003 | Fuel tanks & separators | 04 - Fuel system | | | | | | 0 | | | | | | Draw the fuel valve manifold here: which valve feeds/returns to which tank and engine. | | Water in separator bowls after bunkering: dirty fuel - drain, consider polishing. | |
| 05-006 | Bilge pumps & alarms | 05 - Plumbing, sanitation & seacocks | | | | | | 0 | | | | | | | | | |

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| 05-004 | Heads & black water | 05 - Plumbing, sanitation & seacocks | | | | | | 0 | | | | | | | | Blocked heads: usually something that shouldn't be there, or scale build-up in discharge lines. | |
| 05-005 | Seacocks & through-hulls | 05 - Plumbing, sanitation & seacocks | | | | | | 0 | | | | | | Keep a list here of every seacock: what it serves and where it is. | | | |
| 09-003 | EPIRB, PLBs & AIS MOBs | 09 - Fire & safety | | | | | | 0 | | | | | | | | | |
| 09-001 | Fire extinguishers & fixed system | 09 - Fire & safety | | | | | | 0 | | | | | | | | | |
| 09-005 | Flares & first aid | 09 - Fire & safety | | | | | | 0 | | | | | | | | | |
| 09-006 | LPG / gas system | 09 - Fire & safety | | | | | Galley | 0 | | | | | | | | | |

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| 09-004 | Lifejackets & harnesses | 09 - Fire & safety | | | | | | 0 | | | | | | | | | |
| 09-002 | Liferaft(s) | 09 - Fire & safety | Viking | RescYou Pro 8p | | | Pushpit | 0 | | | | | | | | | |
| 07-002 | Navigation electronics | 07 - Navigation & communications | B&G | Zeus S12 / H5000 | | | Nav station | 0 | | | | | | | | | |
| 07-003 | Navigation lights | 07 - Navigation & communications | | | | | | 0 | | | | | | | | | |
| 07-001 | VHF / DSC radios & AIS | 07 - Navigation & communications | | | | | Nav station | 0 | | | | | | | | | |
| 01-003 | Hull & keel | 01 - Hull & underwater | | | | | | 0 | | | | | | | | | |
| 09-007 | Tender & outboard | 09 - Tender & toys | Williams | Minijet 280 | | | Aft garage | 1 | 318.0 | | | | | | | | |