

# S/V ARGO Refit - 2020 to 2025

## Engine, Prop, Shaft

- New Zincs ('21, '22, '23, '24)
- New Cutlass Bearing
- New Prop (Upsized to 4 Blade 18.5" FeatherStream)
- New Prop Shaft (1.25" Stainless)
- New "Spurz" Line Cutter
- New Dripless Shaft Seal (LasDrop)
- New Engine (Upsized 43hp Westerbeke To 50hp Beta)
- New Engine Control Panel (Digital/NEMA Compatible)
- New Dual Racor Fuel Filter
- New Transmission (Hurth/ZF MIV)
- New Throttle and Transmission Control Cables
- New Fuel Lines
- New Fuel Fill Hoses
- New Fuel Transfer Pump
- New Electric Oil Change System (Eng & Gen)
- New Access Port on Bow Fuel Tank (Cleaned and Sanitized)
- New Sea Strainer
- New Raw Water Hoses to Sea Strainer
- New Raw Water Hoses to Engine
- Fuel Polished & Fuel Tanks Cleaned
- New PropSpeed Anti-Foul on Prop
- Serviced Steering Quadrant and Pedestal
- Serviced Rudder Post Seal (PYI Dripless)

## Generator

- New Nextgen 3.5kw Genset (10/2024)
- New Genset Muffler
- New Stainless Exhaust Thruhull
- New Control Panel with Multimeter

## Plumbing

- New Water Heater
- New Holding Tank (25gal Poly)
- Rebuild Head (and replaced electrical switches)
- New Septic Hoses
- New Hot/Cold Water Lines (All)
- New Galley, Head, Shower, and Cockpit Shower Faucets
- New Seagull IV X1-F Water Filtration
- New Water Pressure Pump
- New Expansion Tank
- New Galley Sump Pump and Switch
- New Shower Sump Pump and Switch
- New Deck/Anchor Washdown Thruhull, Pump and Switch
- New Fuel Transfer Pump, Lines and Switch
- New Custom Stainless Galley Sink
- New Galley Sink Drain Thruhull
- New Head Sink Drain Thruhull
- New Deck and Cockpit Drain Hoses
- New Access Ports in Both P/S Water Tanks (Cleaned and Sanitized)
- New Propane Lines, Valves and Tanks

## Rigging & Sails

- New Chainplates (all)
- New Standing Rigging (all)
- New Running Rigging (all)
- New Running Backstays (Dyneema)
- New Mast Hardware (including Antal Clutches)
- New Harken Batcar Main Sail System
- New Boom (replaced LeisureFurl)
- New Stack-Pack
- New Lazyjacks (Dyneema)
- Rebuilt Hydraulic Boom Vang
- Rebuilt Hydraulic Back Stay Adjuster
- Rebuilt Main Hydraulic Control Panel
- Rebuilt Whisker Pole
- New Blocks (all blocks and sheaves onboard are new)
- New Leather Spreader Boots
- Rebuilt Genoa and Staysail Furlers (all new internals)
- New Evolution Triradial Main
- New Quantum Genoa and Staysail

## Hull and Deck

- Sanded Hull Bottom Back to Gelcoat (2020)
- 3 Coats Pettit Epoxy Barrier Coat (2020)
- 4 Coats Pettit Odyssey HD Antifoul Paint (2020 and 2023)
- New Main Thru Hull
- Rebedded 6 Hatch-Bosses
- Rebedded 4 Portlights
- Repainted and Remounted Hard Dodger
- Rebuilt Primary Winches
- Rebuilt Secondary Winches
- New Hinges, Gaskets and Latches on All Hatches
- Welded Cracks and Added Gussets on Solar Arch
- New Pedestal Guard
- Reconditioned Keel Seam (Lead to Stub Joint)

## Electrical And Electronics

- New Autopilot (Garmin Reactor 40)
- New Autopilot Remote (handheld)
- New House Solar Panels (2x 160W on Arch)
- New Start Battery Solar Panel (1x 100W on Hardtop)
- New Victron Solar Controllers (2x - 1 House, 1- Engine)
- New Group 31 AGM House Batteries (4x)
- New Group 31 AGM Engine Battery (1x)
- New Group 31 Windlass Battery (dedicated)
- New Victron DC-DC Charger for Windlass Battery
- New Garmin AIS-600
- New Victron Solar Controllers (Engine and House)
- New Battery Monitor (Victron)
- New Navpods at Helm and Coachroof (x2)
- New NMEA Backbone
- New MFD's on Coachroof (GNX-20, GMI-20)
- New MFD at Nav Station (GNX-20)
- New Ultrasonic Depth/Speed/Temp Sensor (Airmar U-DST800)
- New VHF (Standard Horizon)
- New 50A/125V Smart Plug Shore Power Receptacle
- New VHF Antenna on Masthead
- New Spare VHF Antenna on Arch
- New Inverter (Victron MultiPlus 3000)
- New Cerbo GX 50 Touch
- New All 12VDC, GFCI and 120VAC Outlets
- New Wiring for Bow Navigation Lights and Replaced with LED
- New Mast Wiring
- New Masthead Light (LED)
- New Deck/Steaming Light (LED)
- New Masthead Wind Instruments
- New Tank Level Sensors (H20, Fuel, Holding)
- New Handheld Vhf (2x)
- New Garmin Stereo
- New Interior Lighting to LED (All)
- New LED Courtesy and Cabinet Lighting
- New Windlass Deck Foot Switches
- New 2000GPH Bilge Pump

## Safety

- New Liferaft 2023 (4 Person in Hard Case)
- New EPIRB
- New AIS/PLB's in Lifevests
- New Smoke/Fire Detectors
- New Propane Safety Valve
- New Fire Extinguishers (5)
- New Fire Blankets
- New Offshore First Aid Kits (2)

## Ground Tackle

- New 55# Spade Anchor (30' 5/16 HT Chain 150' 5/8" 8-plait Rode)
- New 73# Rocna Vulcan Anchor (250' 5/16 HT Chain 275' 5/8 8-Plait Rode)
- Reconditioned Lighthouse 1501 Anchor Windlass
- Mantis Anchor Swivel (2)
- New AutoAnchor Windlass Control and Chain Counter at Helm

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### **Heating/Cooling/Refrigeration**

- Replaced Dometic 16000 BTU Reverse Cycle AC Unit
- Installed Eberspaecher Diesel Forced Air Heater
- New Freezer (SeaFrost BD unit, 12v)
- New Refer (SeaFrost BD unit 12v)
- Replaced All HVAC Ductwork

### **Misc and Aesthetics**

- New Saloon Cushions
- New Dodger Windows
- New Windlass Cover
- New Forward Hatch Cover
- New Lens on Companionway Sliding Hatch
- New Steering Wheel with Leather
- New Hardtop Grab Rail with Leather
- Waterproofing on Full Cockpit Enclosure
- New Cockpit Cushions (All)
- Re-stained and Oiled all Interior Wood
- Re-sealed Keel Joint
- Full Vessel Operations Manual Library

### **New Additions**

- New Monitor Windvane Self Steering
- New StarLink (antenna on Arch)
- New Second "Spinnaker" Halyard
- New Lewmar Self-tailing Winches on Mast
- New Fuel Polishing Apparatus (Self Built)
- New Winch Handles (3)

### **Deleted Systems**

- *Deleted LeisureFurl Boom*
- *Deleted Westerbeke 5.0kW Generator*
- *Deleted SSB Radio*
- *Deleted Collision Avoidance Radar Detector (CARD) System*
- *Deleted InterPhase Forward Looking Sonar*
- *Deleted Wind Generator*
- *Deleted Mid-Boom Jibe Preventers*
- *Deleted 120VAC Refrigeration*

### **Ownership History**

1. Steve Budde & Deborah Reichert (2002 - 2013)
2. Howell "Bud" Iles (2014 - 2019)
3. Chad Towner (2019 - Present)