

Specification

Bluesipp is a Hallberg Rassy 36 Scandinavia built for us at Elios, launched in June 1993 and subsequently exhibited at Southampton Boat Show the same year.

Bluesipp is a 36 foot Hallberg Rassy sloop. She is extremely well equipped for short handed or fully crewed sailing. She was launched in 1993 and has taken us safely and happily around the world.

LOA	10.87 m
LWL	8.72 m
Beam	3.55 m
Draft	1.65 m
Mast over water	15.5 m
Displacement	7.5 tonne
Keel weight	3.4 tonne

Engine : VOLVO Penta MD 22 30.90 kW (42 HP)

Amazing List

Here is a list, area by area, of the extra equipment we have added to Bluesipp.

I am quite surprised by how much there seems to be!

Even if Bluesipp does not quite suit you, this list could be a helpful reminder of the sort of things you might need to add to a new boat. And it is by no mean exhaustive I®

Accommodation

Woodwork is Hallberg Rassy's usual high standard joinery. Cabin soles are varnished teak with inlaid holly strips, protected throughout with fitted carpet. Furnishings, bulkheads and cupboards are light, silk finish mahogany.

Aft Cabin

- Bookshelf - full width 128cm x 23 cm
- Battery box to hold 4x6 volt traction batteries, internal dimensions 55x40x29 cm
- 4x6v 225Ah Trojan Traction Batteries wired as 2x12v (450Ah at 12volt)
- Walker Knotmaster III A (towed log)
- Mosquito netting for hatches
- Radio Works T4 line isolator (for HF radio)
- 2x Dynaplate bronze grounding plates (for HF radio)
- Autohelm ST 6000 (Linear drive) + spare gear set.
- 2x Hella fans
- Lee cloths
- 30metres 10mm anchor chain
- Icom HF Automatic Aerial Tuner AT-130
- Aquair 100 Wind and Water generator (with spare coarse pitch water turbine and spare wind turbine blades)
- Adverc smart regulator (for bankA batteries)
- Xantrex 20A charger
- Bed linen etc
- Upholstery and curtains have been renewed.

Engine Room

- Adverc smart regulator (for bank B batteries)
- Switching system for Adverc battery monitoring controller Improved lighting
- Additional engine driven alternator. (Prestolite 90Amp)

Navigation Area

- Second 12v control panel (for B bank batteries)
- MF/HF Marine Transceiver ICOM IC-M710 (including HAM frequencies)
- SCS PTC-IIpro Pactor controller (global email for example)
- Raytheon R10XX Raster Scan Radar (in need of replacement or new magnetron) TrippLite Inverter 125 Watt
- Hella fan
- Comar CSB200 Class B AIS Transponder (Receive and Transmit)
- Navigators Yeoman paper chart plotter (linked to GPS and Radar)
- Navtex Pro Plus (NASA Marine)
- VHF Handheld. ICOM IC-M72 (Submersible)
- Heller chart table lamp (red)
- Pencil/Divider rack
- Binoculars mounting box
- Maglite torch mounting
- Fire extinguisher
- Mini Compass (Offshore Instruments)
- Personal Compass (Autohelm)
- Internal nav table Laptop / Minicomputer mount. (Wired for connection to GPS, Pactor, AIS)
- Main Cabin
- Leecloths for both berths
- Hella fan (starboard)
- Bookshelf (80cm long 18.5 cm deep) Target Communications Receiver
- Sony CD player. Mounted speakers
- Traditional barograph
- Stowage netting behind seat backs
- Mosquito netting for companionway.
- Emergency vhf antenna.
- More than 150 Litres airtight stowage (in 11 containers)
- FLSonar transducer (new 2014)
- Drum-Sextant (Freiberger) - with complete set of Tables
- Upholstery and curtains have been renewed.

Galley

- Salt water pump
- Gas sniffer and alarm
- Hella fan
- EPIRB
- Electric bilge pump
- Crockery cutlery pots and pans etc

Heads

- Water maker. ECHO Tec 200 DML 12volt Reverse osmosis system.
- 230v vacuum cleaner
- Blake bronze sea cock
- Carbon filter on cold water feed

Fore Cabin

- Hella fan
- Lee cloth to port berth
- Genoa (North)
- Genoa (Hood)
- Storm jib (Elvstrom)
- Sun awning
- Fire extinguisher
- Mosquito screen
- Watermaker pressure vessel
- (Also comprehensive range of tools and spares)

Deck

- (Teak decking replaced in Thailand 2008 (No plugged screws!))
- Winter cover

Foredeck

- Double bow roller
- 45lb CQR (newly galvanised)
- 60 metres 10mm chain (newly galvanised)
- Chain snubber (Heavy duty bronze - chrome plated)
- Lewmar V2 1000Watt Windlass (Stainless steel with gypsy and drum) - (Control also from cockpit)
- Furllex furling gear
- Avon RAB 2.81 inflatable dinghy
- Anchorage for dinghy gripes
- (Fully battened main and working jib in basic specification)

Mast and boom

- 2 Genoa poles (one telescopic) stowed on mast. Quick deployment system
- Radar scanner - Raytheon
- Mast steps
- Inner forestay wheel tensioner
- Main boom foreguy system
- Firdell radar reflector
- (Wiring, mounting and control for Munro Sea-Me installed. Replacement masthead unit needed)
- Main coat system with lazy jacks.
- Windex
- Winch handle pocket
- (Tri light is now LED)

Side decks and cabin top

- Drums for extra diesel stowage (4x20litres)
- Gates in guard rail, port and starboard
- Mount for boarding/swimming ladder (Port side only)
- Life raft - 4 person BFA
- Kedge/Second bower anchor 20kg Bruce
- Sun awning with rain catching system
- After deck
- Insulated backstay
- 15kg Bruce in quick release stern anchor mounting.
- Stainless steel "pushpit" enclosing stern deck forward to guardrail gates.
- Removable boarding/swimming ladder (in addition to HR stern mounted ladder) Hydrovane windvane steering gear.
- Yamaha Enduro 8hp outboard motor
- Warps, fenders.
- MOB LifeSling
- Cockpit
- The cockpit is comfortable and well laid-out. A lovely place for drinks with fellow cruisers and very safe if it gets a little bumpy.
- Fitted seat covers (removable)
- Sun shade
- Companionway storm boards
- Stainless steel safety grab rail around windscreen . (Incorporates boom "horse")
- Harness fixing strong point
- Winch handle pocket

- Fire extinguisher
- Vacuum pump for engine sump bilges etc
- Warps, cordage and lanyards.
- Chain and multiplait rode for stern anchor

Echo Pilot forward looking sonar

Main VHF, ICOM M603. DSC, coupled to gps. Waterproof.

Autohelm/Raymarine instrumentation. Autopilot, Wind, Depth, Log. (Repeater at nav table). Garmin GPSmap 421S

New leather wheel cover (replacement)

New spray hood (replacement)

Sails and Rig

Bluesipp is sloop rigged with an inner forestay stowed on the mast. The Furlex roller reefing uses a twin grooved extrusion.

This arrangement provides great flexibility in all wind conditions.

Ground Tackle

Bluesipp carries

ANCHORS

Best Bower anchor	CQR 45lb
Kedge	Bruce 20kg
Second kedge/stern	Bruce 15kg

(Also original HR Danforth type never used)

Folding dinghy anchor

CABLE

In anchor locker shackled to CQR	10mm chain 60metres
Below decks an additional	10mm chain 30metres
In cockpit locker shackled to 15kg Bruce	10mm chain 10metres
spliced to 20mm multiplait	50metres

These all exceed the normally suggested dimensions but give great peace of mind!

Electrical Supply

Bluesipp carries three separate 12 volt battery supplies.

Bank A 6 volt Traction Batteries connected to supply 12volts **Capacity 450 Ampere hours** - Located in the aft cabin

Bank B 2x Heavy Duty Batteries **Capacity 340 Ampere hours** - Located in the forward cabin near windlass and water

1x Gel Engine starter Battery **Capacity 75 Ampere hours** - Located in the aft cabin near the starter motor.

Bank B supplies the HF radio and to avoid earth loops is electrically isolated from all other batteries*.

Bank B supplies all electronic navigational equipment, the water maker and the windlass.

Bank A supplies domestic equipment and lighting
Bank A supplies navigation lights

Bank B is fed from an engine mounted **90A alternator**

Bank A is fed from an engine mounted **60A alternator** - which also feeds the starter battery.

'Ultimately every piece of equipment shares the sea water as an "earth"

Charging when connected to shore supply is via a Xantrex 20 Amp smart charger Charging whilst under sail alone is available from the Aquair 100 towed water turbine, this provides a reliable 5Amps when sailing at hull speed.

The Aquair also has a wind turbine which supplies charging current when at anchor. Additionally Bluesipp carries two small solar panels which we use to keep the batteries fully charged when we are away.