

# SV Aphrodite, St Francis 50 equipment list

This equipment list describes SV Aphrodite, a St Francis 50 catamaran built in 2005 in South Africa.

## Bluewater inventory

SV Aphrodite is circumnavigating. This catamaran is currently in Papua New Guinea. Next port of call is Federated States of Micronesia, then the Philippines in January 2024, and beyond that —further points west.

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## Hull, deck, and hardtop bimini

### Hull and deck

- bow overhang profile (LOA 15.25m/50 ft, LWL 14.35m/47 ft.)
- white gelcoat
- fiberglass, foam core composite
- Lewmar Ocean deck hatches
- rain shields over aft portlights
- 3 forward deck lockers (propane and fuel, anchor and fuel lockers)
- underside clamshells shield the scupper drains from the cockpit, and deck lockers
- 4 blocks of pine with attached rope to protect rub rails when lifting

### Hardtop bimini

- hardtop bimini supports 9 x solar panels for a total of 1020W
- 2 x fixed skylights in bimini roof to view sails (starboard and port)
- additional stainless supports were added to the sides of the cockpit in 2015
- St Francis rain-catchment system in Targa support arches
- stainless supports house the Harken FlatWinder winch for the traveler (new 2021)

## Safety equipment

- Viking 8 Person Offshore Life Raft (new 2019)
- Fujinon TS1440 image stabilized (Techno-Stabi) binoculars
- Switlick MOM 8A Man Overboard Module
- 3 x ACR AISLink MOB personal locator beacons
- 24" red foam safety rings
- EPIRB 1: ACR Global Fix V4 406 GPS Satellite EPIRB
- EPIRB 2: Ocean Signal LB2E EPIRB Class II
- Lyf'Safe retro-reflective jacklines running along the starboard and port top sides
- ACR emergency ditchbag, emergency water and food
- waterproof capsized bottle
- waterproof torch/flashlight
- 7 x Spinlock 1 clip and 1 link elastic safety tethers
- 1 x Spinlock 2 clip and 1 link elastic safety tether
- lifejackets
  - 3 x Crewsaver Ergofit 290 OC self-inflating lifejackets
  - 2 x Crewsaver Ergofit 190 PRO self-inflating lifejackets
  - 3 x Spinlock Deckvest Cento Junior lifejackets
  - 10 x dinghy lifejackets
  - 2 kayaking lifejackets
  - 10 x Stearns Type 1 offshore orange life jackets
- flares:
  - 8 x handheld distress flares – red
  - 8 x parachute flares - red
  - 3 x floating smoke markers - orange

- Fire extinguishers and gear
  - 6 x Kidde portable fire extinguishers (4 x 3lb. 8 oz and 2 x 31 lb.)
  - 3 Xintex Fireboy automatic fire extinguishers (in each engine compartment and with the generator)
  - fire blankets, fire masks
- dyneema safety lines under bridge deck, running below the escape hatches alongside starboard and port hulls
- padeyes next to escape hatches for tethers
- mast climbing
  - 2 x Petzl climbing helmets
  - bosuns chair
  - ATN MastClimber
- telescopic boathooks
- 1 x telescopic danbuoy with dive flag
- spare bilge pumps
- wooden bung tied to every thru hull (below and above the waterline)
- Q Flag
- extensive, offshore first aid kit
- copy of collisions regulations
- fog horns
- buckets and spare lines

## Cockpit

- custom-made cockpit enclosure (Sunbrella, eisenglass and mosquito netting with zippered doors and windows)
- 2 fixed overhead pot lights (on a dimmer switch)
- 2 overhead red/white lights (above the helm, and on the port side)
- 2 overhead rod holders
- large, covered cockpit scupper drain
- 2 large storage lockers, 2 floor lockers with scupper drains
- further storage under the cockpit table
- sliding, cockpit-gate bars deter people (mainly small children) from leaving the cockpit while underway
- large, built-in Isotherm refrigeration unit (compressor and fan are in the starboard lazarette), new 2021
- locking aluminum sliding door and windows to the cabin
- Sunbrella cockpit cushions
- grab bar over the sliding door

## Helm controls and amenities

- 1 x 58 Lewmar electric primary winch (starboard side)
- 1 x 58 Lewmar 2-speed manual primary winch (port side)
- Raymarine autopilot, chartplotter, wind, speed, compass, and depth instruments (described in the "Electronics" section)
- Yanmar engine controls and panels and steering wheel

- Harken FlatWinder control panel for the traveler (new 2021)
- double helm seat with Sunbrella padded seat cushions
- 2 x switches for sail spotlights to illuminate the sails at night (for sail trim)
- 3 x switches for stern spotlights
- 1 x switch to parallel the engine start batteries
- 2 tether-attachment padeyes (under the helm and below the port winch)
- ICOM VHF HM-157B transceiver
- 1 x fixed glass window at helm integrated into the cockpit enclosure
- Imtra windshield wiper (variable speed) and fluid reservoir
- fan
- sun shield
- life raft storage locker (below the helm)

## Transom

- unobstructed transom, which provides for excellent visibility, and a great diving platform
- 2 x bench seats and lockers (tall enough to accommodate dive tanks)
- teak panels extend the fiberglass 'deck' platform
- chin-up bars at transom
- deck wash (freshwater)
- hot/cold water shower
- Magma BBQ with a custom-made cover to protect the BBQ controls
- stores the dinghy (on the dinghy chocks) and 2-person kayak
- switch to select starboard or port shore-power feed

## Aft deck lockers

- 2 x horizontal storage lockers (fishing gear, and a fiberglass passerelle with stainless steel rails)
- starboard lazarette stores:
  - water pump and 2 water filters for the rain-catchment system
  - compressor for the cockpit refrigeration unit
  - spare 21 lb. Fortress anchor and chains (in a custom-built fiberglass mount)
- port aft locker stores: Northern Lights generator (9kw) (new 2022)
- LED utility bar ceiling lights (starboard lazarette and port side where the generator is stored)

## Steering and propulsion

### Lecomble and Schmidt hydraulic steering system

- 1 x hydraulic bulkhead mount steering pump with 2 x Lecomble and Schmitt rams
- Destroyer type 32" - 5 spoke – stainless steel steering wheel
- Raymarine ST600R Autopilot remote control at the nav desk

### **Rudders, tiller arms, and drogue**

- balanced spade rudders (rebuilt in 2023)
- stainless steel loop on both rudders (attachment points to drop and re-install the rudders using the boom extension and topping lift)
- 1 x stainless steel emergency tiller arm
- Vesconite rudder bearings plus spares
- 2 x fiberglass access hatches and 1 x stainless-steel lever to access the rudders
- Fiorentino shark drogue (new 2015)

### **Yanmar engines (shaft drives)**

- 1 x Yanmar 4JH4E with shaft drive (serviced 2023)
- 1 x Yanmar 4JH5E with shaft drive (serviced 2023)
- 2 x PSS Shaft Seals installed (new 2015)
- 2 x Vetus raw water filters
- 2 X Yanmar Type C instrument panels
- 2 x Vetus exhaust systems
- 2 x exhaust anti-siphon valves
- 2 high output Balmar AT200 200A alternators and MC614 regulators
- 2 x Rule Engine compartment extraction blowers
- 3 x Fireboy - Xintex auto, gas-filled automatic fire extinguishers (50 cubic ft)
- 2 x Rule 4000 auto electric bilge pumps with manual override switches at nav desk, visual alarms at helm, and audible high-water alarms (see bilge pumps for more information)
- 3 x LED lights in each engine compartment
- Seastar engine controls - Seastar SL3 dual control + cables
- battery cables and connection
- Black Sondor sound seal (fire retardant, nonabsorbent CE approved)
- 2 x fuel polishing systems (starboard and port) using RCI purifiers (new 2015)

### **Autostream feathering propellers**

- 2 x Autostream 3-blade feathering propellers (inspected in 2019)
- propeller shafts were removed and checked for straightness and aligned in 2019
- P-brackets removed, reinstalled and reinforced in 2017

### **Fuel tanks**

- 4 x 200 liters (53 gallons) fiberglass fuel tanks; total capacity of 800 liters (212 gal)
- 2 x stainless steel inspection covers on top of each fuel tank
- 2 x stainless steel deck fillers
- diesel fuel pump and RCI Purifer to transfer fuel from jerry cans. Transfers 20L in 4 minutes.
- fuel overflow system
- fuel tank interlink to equalize tanks
- Tank Tender tank monitor system for 2 x diesel, 2 x water and 2 x holding tanks with spares
- 20 x 20-liter spare yellow plastic diesel tanks
- 6 x spare red plastic gas tanks (1 x 6-gallon, 3 x 5-gallon, 1 x 4.5-gallon, 1 x 1-gallon)

## Electrical

### Lights, 12-volt LED

- 6 x red/white lights (helm, winches, nav desk, galley and starboard aft head)
- 5 x spotlights: 3 transom, 2 x LED Oracle sail trim lights (to illuminate sails at night)
- 13 x LED pot lights on 3 dimmer switches (cockpit, saloon and nav desk)
- utility locker lights: 10 x LED bar lights (engines 3x2), forepeaks (1), and aft lockers (1)
- utility cabin lights: 10 x LED bar lights as follows:
  - 4 x starboard (forward head, cabins (2), hallway)
  - 6 x port (heads (2), cabins (2), galley (2))
- reading lights: 9 (2 per cabin, and 1 for the small bed in the aft port cabin)
- night lights: 2 (lights illuminate the stairs leading to the starboard and port hulls)
- 2 x blue underwater lights
- 2 x blue under transom lights
- small LED in each sugar scoop illuminates the steps: 1 x starboard and 1 x port
- navigation lights: steaming, tricolor and deck light
- anchor light with strobe
- Golight Remote Control LED searchlight

### 12-volt outlets

- 2 x nav desk (1), helm (1)

### USB

- 8x above deep freezer (2), Iridium Go (2), helm (2), nav desk (2)

### AC outlets— dual 110V/240V

- 110 volts x12 (4 saloon, 2 nav desk, 1 behind tv, 1 galley, 1 per cabin, 1 desk, 2 forward heads)
- 240 volts x 3 (1 galley, 2 nav desk)

### AC appliance outlets

- 6 x hot water heater, hob, TV, convection grill/microwave, washing machine
- 2 x main engine battery control switches 1 x starboard aft cabin and 1 x port aft cabin
- 1 x main house battery control switch at nav desk
- circuit breakers for winches, windlass, watermaker, 12/24V DC

### Shore power — dual 110V/240V

- Marincos shore power cables 110V/10mm 220V/6mm - 3 core x 15 m
- various adapters for different countries
- Victron 7kW isolation transformer (new 2015)
- 2 x SmartPlugs receptacles for shore power



## Electrical and power generation

- Northern Lights generator (9kw) (new 2022)
- 1020W solar installed 2015 (panels: 4 x 150 W + 3 x 100W + 2 x 60W)
- Victron Multiplus 120V/200A charger inverter (new 2019)
- Victron Multiplus 240V/200A charger inverter (new 2021)
- 1 x DC distribution board with DC system monitor
- 1 x AC distribution board with AC system monitor
- 2 x ALD static dissipation air terminals installed (lightning prevention)

## Batteries

- engines - 2 x 12V / 220 Ah AGM deep cycle batteries
- 2 x Sterling BB1230 battery-to-battery chargers, new 2019 (one in each engine compartment)
- house bank - 1100Ah LFMP (Lithium Iron Manganese Phosphate - LiFeMnPO<sub>4</sub>) batteries
- Elite Power Solutions BMS and custom control system by Otter Marine (Georgia, USA), new 2019
- BMS screen displays battery management information

## Plumbing

- all freshwater, bilge, macerator, and raw water intake pumps are new since 2015
- spares of each type of plumbing pump are stored in the starboard hanging closet
- most thru hulls and seacocks have been replaced with Marelon

## Freshwater systems

### ***Cruise RO SeaMaker 40 GPH watermaker***

- Cruise RO 220VAC SeaMaker 40 GPM watermaker (new 2019)
- Cruise RO Automatic Fresh Water Flush Upgrade feature (new 2019)
- 1 diverter valve directs RO water to the starboard or port tank
- 2 x Jabsco freshwater pressure pumps
- 1 x square-D pressure switch with 12- volt relays
- Digital TDS-EZ Water Quality TDS Tester

### ***Rain-catchment and purification system***

- rain-catchment system collects, filters and purifies water (from both decks). In heavy rain, both freshwater tanks are full in 45 minutes.
- 1 diverter valve directs purified rainwater to the starboard or port tank

### ***APEC 3-stage drinking water system***

- 1 drinking water faucet in the galley
- APEC drinking water system is installed in a cupboard under the galley sink
- 3-stage filter purifies water from the starboard and port tanks for drinking

## Hot water

- 1 x 40L Isotherm calorifier (hot water heater) with element, thermostat and shut-off valve (starboard lazarette)

### **Miele washing machine (new 2020)**

- Miele W1 – WWH660 washing machine for loads up to 17.6 lb. (8Kg)
- Washing machine heats water independent of the hot water heater/calorifer
- washing machine is plumbed in; cold water is permanently connected to the machine and wastewater goes to a thru hull

### **Grey water**

- 4 x grey water Whale gulper pumps (eliminates shower sumps)

### **Black water**

- 2 x 300 (80 gal) holding tanks and electric macerator pumps

### **Bilge pumps**

- 2 x Whale manual bilge pumps (starboard and port)
- 4 x Rule 2000 auto electric bilge pumps with visual alarms at the helm, and spares
- 4 x Ultra Bilge Pumps in Senior size, which includes 4 x audible high water alarms

### **Deck wash**

- freshwater on foredeck
- freshwater at transom

### **Water tanks**

- 2 x tanks 675 liters (178 gal) each total capacity 1350 liters (356 gal)
- 2 x S/steel deck water fillers
- 2 x watertight clear inspection hatches
- 2 x Tank Tender tank monitoring system
- 43 south pressure accumulator tank 20 L
- 3 x 8 Gallon spare water tanks (blue plastic with red lids)

### **LPG gas**

- 1 x gas monitor and alarm with two sensors
- 2 x regulators (for galley and transom BBQ)
- 4 x 9Kg fiberglass cylinders
- stainless steel Magma BBQ with LPG fitting and shut-off valve in the port aft deck locker

## **Interior**

### **Saloon**

- raised seating/dining area with a fixed-height, drop-leaf table for 8 people
- under-table hutch (with sliding door) contains a Miele washing machine
- 5 x under-cushion lockers and several cabinets
- 1 cabinet has a heavy-duty slider tray that rolls out and stores a Sailrite sewing machine
- vinyl ceiling liners - (off white)
- dashboard under windows – leather

- air conditioning (2 x 16,000 BTU)
- Oceanair pleated blinds, blue on all forward windows
- flooring – laminate
- 3 X Caframo Sirocco gimbaled fans

#### **Nav desk**

- chart table with locker and filing cupboards
- comfortable wooden stool, which doubles as extra seating in the saloon
- further storage beneath the filing cupboards (perfect height to store tinned food)
- instrument panel - black
- vinyl ceiling liners - (off white)
- flooring – laminate
- Oceanair pleated blinds, blue on all forward windows
- 1 X Caframo Sirocco gimbaled fan

#### **Galley down design**

##### ***Appliances***

- Isotherm CR130D brushed stainless steel fridge (new, installed 2022)
- 4 burner TEKA brushed stainless steel gas hob (new 2022), runs with propane, butane or propane/butane mix
- SMEV oven (new 2022)
- Mauve brand convection grill/microwave, brushed stainless steel (new 2022)
- stainless steel Lello Musso Pola ice cream/gelato maker (restaurant grade) with built-in compressor

##### ***Storage***

- drawer below the oven, allows for tins to be placed below
- 2 utensil drawers below fridge
- lower cupboard below fridge has lots of storage
- upper and lower cupboards
- storage shelf above galley sink
- spice rack

##### ***Other galley amenities***

- double sinks with pull-out mixer tap
- drinking water faucet (with 3 post-tank water filters)
- portlight and hatch provide excellent visibility of sea state, and ventilation
- trash hole with cover integrated in galley top
- Corian countertops – black with white flecks)
- flooring – [Lonseal coin-embossed vinyl flooring](#)
- 2 X Caframo Sirocco gimbaled fans
- Kidde fire extinguisher

#### **Starboard forward cabin**

- queen-size bed and mattress
- ventilation panels beneath the mattress
- built in safe under each mattress

- flooring - teak and holly
- cupboards, drawer and mirror
- 1 x side tray
- headboard - leather
- shelf with wood trim above headboard
- cabin seating with backrest – leather (storage below the seating)
- 2 x Lewmar hatches and roller blinds
- 2 x Caframo Sirocco gimbaled fan
- ensuite head

#### **Port forward cabin**

- queen-size bed and mattress
- ventilation panels beneath the mattress
- built in safe under each mattress
- flooring - teak and holly
- cupboards, drawer and mirror
- 1 x side tray
- headboard - leather
- shelf with wood trim above headboard
- cabin seating with backrest – leather (storage below the seating)
- 2 x Lewmar hatches and roller blinds
- 2 x Caframo Sirocco gimbaled fan
- ensuite head
- hanging cupboard, currently used to store wetsuits

#### **Starboard aft cabin**

- queen-size bed and mattress
- cupboards, upper cabinets and mirror
- large cupboards beside bed and behind door (currently used for spares in storage boxes)
- flooring - teak and holly
- aft and side portlights
- shelf above side portlight
- headboard - leather
- 1 x Lewmar hatch and roller blinds
- cabin seating with backrest – leather (engine access below the seating and bed)
- 3 x Caframo Sirocco gimbaled fans
- ensuite head

#### **Port aft cabin**

- queen-size bed and mattress
- separate berth beside the queen-size bed with 1 x small, single mattress
- cupboards, upper cabinets and mirror
- flooring - teak and holly
- aft and side portlights
- shelf above side portlight
- headboard - leather

- 1 x Lewmar hatch and roller blinds
- cabin seating with backrest – leather (engine access below the seating and bed)
- 3 x Cafarmo Sirocco gimbaled fans
- ensuite head

**Ensuite forward heads (port and starboard)**

- off-white medical cabinet and lower cabinets
- off-white integral sink and countertop
- alcove bathtub (port and starboard)
- Elka stainless steel shower head and taps
- lower, off-white cabinets
- Jabsco electric toilet saltwater flush
- quiet-closing, easily removable toilet seats, which might not seem important until a heavier toilet seat beats you in the back in rough weather

**Ensuite aft heads (port and starboard)**

- off-white integral sink and countertop
- off-white, under-sink cabinet
- mirror
- Elka pull-out stainless steel sink tap/shower head
- covered floor drain (connected to grey water Whale gulper pump)
- Jabsco electric toilet saltwater flush
- quiet-closing, easily removable toilet seat
- in the bilge of the forward starboard head, a dummy speed sensor plug allows the actual real sensor to be removed and cleaned

**Starboard office desk, hanging cupboard, and library shelves**

- portlight and fan
- office desk with library shelf
- piano-bench type seat for sitting and storage
- 3 x additional library shelves inboard
- hanging cupboard (contains temporary shelving and tools, the weight of the tools is balanced by the weight of provisions on the port side)
- cupboard with Cruise RO 40 watermaker system and panel (a valve diverts water to starboard or port)
- desk and drawer with bookshelf and Cafarmo Sirocco gimbaled fan
- upper and lower cupboards

**Forepeak sail lockers (starboard and port)**

- external access through deck hatch
- half-door access from shower
- LED strip light
- forward bulkhead with removable access panel
- removable top with additional storage below.

## Deck fittings, hatches and winches

### Deck fittings

- 2 x stainless steel pushpits with seats
- 2 x stainless steel pulpits with seats
- 2 x 750mm/ 29.5" high double-wire stainless steel stanchions and lifelines
- 4 x stainless steel handrails (2 x aft, 2 x coach roof)
- 10 x large mooring cleats - 4 x aft - 2 x mid - 2 x forward and 2 x crossbeam
- 2 x stainless steel folding Armstrong swim ladders (starboard and port)
- [trampoline \(new 2015\)](#) with adjustable-tension, grey dyneema lashings (new 2019)
- stainless Steel Mast Gooseneck conduit 38mm
- sunshade that covers about 80 percent of the front deck (colour: oyster)
- toe eyes reinforced beyond factory spec in 2019
- swim platform (teak and fiberglass)

### Hatches and portlights

#### *Armored-plate glass front windows*

- front fixed windows: non-scratch grey UV anti-sun armored-plate glass

#### *Lewmar hatches*

- 2 x Lewmar Ocean hatches (forepeak sail lockers)
- 2 Lewmar Ocean hatches (forward heads, inner hulls, starboard and port)
- 8 x Lewmar Ocean hatches (4 x forward cabins, 2 x aft cabins, 1 galley, 1 starboard hallway above desk)
- 1 x Lewmar Ocean hatches with stay (saloon)
- 1 Lewmar Ocean hatch at nav desk
- hatch trim and flyscreen for 2 x forepeak sail lockers
- 3 hatches in the galley, aft port cabin, and forward port head were replaced (new 2019)

#### *Lewmar portlights*

- 1 x size 2 port light (behind mast) in saloon
- 1 x Lewmar portlight in the galley (new 2019)
- 4 x Lewmar portlights (heads)
- 2 x Lewmar portlights (aft cabins)

#### *Skylights*

- 2 x fixed skylights in the cockpit to view sails

### Lewmar winches

- 1 x 58 electric primary winch on starboard side at helm), self-tailing (new 2015)
- 1 x 58 primary 2-speed manual winch on port side, self-tailing
- 2 X 44 2 speed (manual self-tailing) halyard and boom extension winch at the mast
- 1 x 40 (manual self-tailing) main traveler and roller furling winch
- 1 x 40 (manual self-tailing) spinnaker and code zero winch
- Milwaukee right-angle drill with winch bit, and M28 spare batteries and chargers
- 3 x 10" lock in handles
- 3 x Winch handle pockets - 1 x Port, 1 x Starboard cockpit and 1 x at mast

## Sails, rigging and ground tackle

### Inventory of sails

The following table provides details about the sails on SV Aphrodite.

Sail type	Size		Details
<b>Mainsail</b>	88 sq. m	947 sq. ft	Doyle mainsail 3 x reefs 6 x battens lazy jacks (inspected in 2023) fully lined Doyle stackpack (new 2023)
<b>Furling genoa</b>	56 sq. m	602 sq. ft	Doyle furling genoa (new 2015) UV Protection (new 2023) inspected in 2023
<b>Asymmetrical spinnaker</b>	170 sq. m	1830 sq. ft	new 2019 2.5 oz Contender Nylite fabric (red and white)
<b>Code zero</b>	-		new in 2015 Code zero rigging and Karver KF5 furler
<b>ISTEC Parasailor</b>	140 m <sup>2</sup>	1506 sq. ft	blue and white with an orange wing
<b>Storm Jib</b>	19 sq. m	205 sq. ft	

Note:

- all blocks replaced with Garhauer in 2016
- all sheaves and sheave boxes inspected and replaced as needed, in 2015
- sturdy line bag under boom vang, large enough to contain all lines at the mast

### Mainsheet system

- 1 x traveler track - 32mm
- traveler car
- traveler controls, tackle and Garhauer standup block
- 1 x Lewmar double traveler jammer 10-12mm
- Garhauer mainsheet: 9 x 75mm single blocks
- 4 x 75mm single Lewmar upstands
- 2 x Lewmar mainsheet jammers 12-14mm double
- Harken FlatWinder winch for the traveler (new 2021)

### Genoa control

- dyneema genoa halyard (new 2015)
- 2 x 1.8m tracks with stop ends
- 2 x Lewmar genoa Cars
- 2 x Lewmar genoa Jammers - 12-14mm
- 1 x Lewmar Roller furler jammer - 8-10mm (deck, starboard side)
- 2 x 57mm Lewmar foot blocks
- 1 x 57mm Lewmar single block
- Selden Furlex 40S furler (new 2023)
- new UV protection Sunbrella fabric on genoa (new 2023)

- Garhauer E-Z Glide adjustable genoa car system

### **Mast, spars and rigging**

- Sparcraft double-spreader standard aluminum anodized mast 70 ft 6" above the waterline, boom, forward cross beam and Compression post with walkway
- boom extension acts as a crane to raise dinghy, a Tarzan rope for swimming, and can help to lift and maneuver large items such as a generator or the rudders
- grab rails on either side of the boom
- boom vang support
- cap shroud chainplate
- Frederiksen Ballslide system
- LED navigation lights
- bow sprit and housing
- radar bracket
- Raymarine RD424HD Digital Radar (new 2015)
- rig inspection in New Zealand in 2023

### **Running rigging**

- 1 x mainsheet 12mm X 40 m with tackle
- 2 x genoa sheets 12mm X 16 m
- 6 x halyards: main, genoa, topping lift, storm sail, asymmetrical spinnaker, Code Zero
- 1 x 8mm genoa furling line
- 1 x 8mm Code Zero furling continuous line

### **Downwind/light wind sails system**

- spinnaker halyard 12mm X 46 m
- 2 x 100mm Lewmar foot blocks aft
- 2 x 75mm Lewmar stand-up blocks on bows
- 2 x 12mm sheets X 22 m

### **Ground tackle and mooring**

- 105 lb. Mantus anchor and chain swivel connector (new 2015)
- new 30' anchor bridle with dyneema chafe guard (new 2021) and Mantus chain hook (new 2018)
- 350' (106.68 m) of new anchor chain 5/16" ACCO G4 (new 2019)
- Mantus chain hook with stainless steel plate in anchor locker
- 1 x Maxwell VW2200 electric anchor windlass for 5/16" (10mm) G4 chain or 16mm rope
- 1 x 21lb (9.5kg) FX 37 - secondary Fortress anchor, 100 ft' 8mm chain stored in fiberglass support in starboard aft lazarette
- Fiorentino sea anchor 16' with 400' of 1" rode and hardware
- 6 x cylindrical fenders
- 6x 6' Mega Braid II, Black, ½" New England Ropes fender lines (new 2015)
- Auto-anchor chain counter in anchor locker (new 2023)
- Auto-anchor remote control to raise and lower anchor chain



- stainless steel plate added below runway to aid with raising anchor (new 2018)
- 6 x 50' ¾" Nylon Mega Braid Black New England Ropes dock lines (new 2015)
- 2 x additional 50' dock lines
- 2 x 150 m of 1" nylon hurricane line

## Electronics

### Navigation instruments

- 2 x Raymarine E120W Chartplotter (nav desk and master Chartplotter at the helm)
- Raymarine Class B AIS - transmit and receive installed in 2015
- Raymarine ST60+ Wind
- Raymarine ST6001 Smart Pilot (autopilot)
- Raymarine ST60 Tridata – Autohelm Series/Speed depth
- Iris 50 Plastimo handheld compass
- brass barometer

### Communication devices

- ICOM HF Marine IC-M802 SSB
- ICOM VHF Marine IC-M604 VHF (new 2019)
- ICOM SP-24 speaker
- 0.4" coax with 1 x 1.0 m Vesper Marine VHF/AIS Antenna (VA159) (new 2018)
- Vesper Marine VHF/AIS/FM Antenna Splitter (SP160) (new 2018)
- ICOM VHF HM-136B transceiver
- 4 handheld VHF's
- 2 Garmin handheld GPS devices
- 3 x SENA Bluetooth headsets
- Starlink and router for WIFI
- Iridium Go with mount and external antenna
- PredictWind DataHub

### Entertainment

- 32" flat screen TV
- Pioneer CD-receiver DEH X8700BS with CD/USB/Bluetooth/Sirius capabilities
- 5 x Cambridge audio speakers wired to the Pioneer CD-receiver for surround sound

## Finishes

### Internal joinery and finishes

- all construction in foam sandwich/marine ply and bonded to the hulls
- Corian tops colour black with white flecks
- 4 cabins have leather headboards, seats and seatbacks
- dashboard panels vinyl
- cabin window surrounds leather
- Nav desk black vinyl and black, anodized aluminum panels

## Painting

- interior paint – off-white
- exterior hulls and Interior - white
- [updated/reworked Aphrodite logo](#) appears on the bow and Targa arches
- cherry veneer throughout
- anti-fouling International – SeaHawk AF33, 4 coats black, over 2 coats red

## RIB

- Zar Mini RIB HDL 12 (new 2019)
- Yamaha 25 HP F25 4-stroke dinghy engine (new 2023)

## Contact information

A further iteration of this document will include an extensive spares and tools list. Spares are stored in toolboxes and 30-liter clear plastic Sterilite containers, labelled as follows: dinghy spares, heads, fresh water, Yanmar engine, Northern Lights generator spares, adhesives, sewing, sail repair, and paint, rollers and sandpaper.

If you have any questions, please contact Lorraine Escher at [lorraine@escher.ca](mailto:lorraine@escher.ca).