

Kassoumay

Lagoon 47



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Specifications

Designer: Van Peteghem – Lauriot Prevost	Rig:	Sloop
Year: 2000 (Hull #52)	Mast length:	18m
Length, overall: 14.10 m (46.3')	Engines:	2 x 40 HP
Length, waterline: 13.00 m (42.8')	Water:	600 L (2 x 300 L)
Maximum beam: 7.60 m (24.9')	Fuel:	480 L (2 x 240 L)
Displacement, empty: 7,000 kg	Tonnage:	32.66 Ton
Draft: Fixed keels 1.10 m (3.9')		

Construction

The two hulls and coach roof/bridge deck are vacuum bag moulded polyester foam sandwich laminate, with three directional – weave glass cloth, reinforced with hydroply, impregnated with polyvynilester synolite resin.

The deck is a balsa-wood sandwich with reinforced hardwood inserts for deck blocks and running rigging. The deck-hull junction is assured by polyester sealant bonding on longitudinal aluminium riveting.

Diamond moulded patterns for non-skid areas

***EC approved construction,
Category 1 (Ocean)***

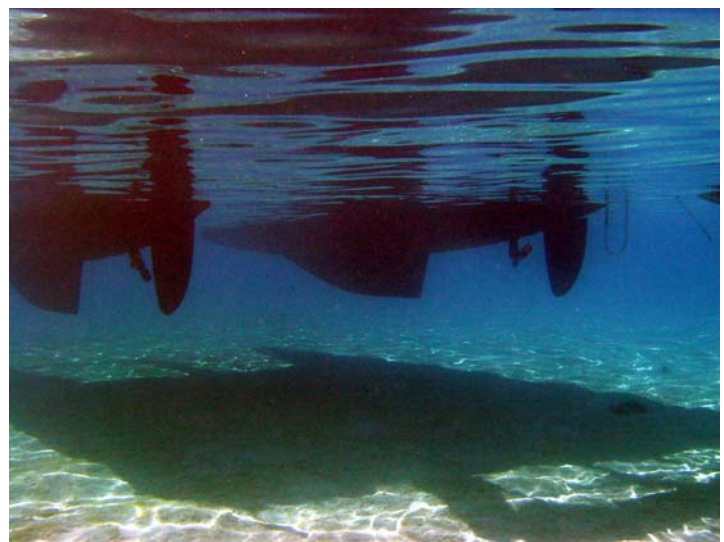
***Unsinkable : vacuum bagged
sandwich throughout***

***Rigging : Marechal Systems
throughout***

Engines

Located aft in each hull with access via transom hatches. The engine rooms are well insulated for sound and well ventilated for heat and fumes. The port and starboard engines are new as of May 25th 2010.

2x Yanmar 40Hp 3JH3E (Brand new)
2x Yanmar Sail drive Transmissions
2x Yanmar two blade Props
2x External Coolant Reservoirs
2x Racor Fuel/Water Separators
2x Yanmar Fuel Filters
2x Vetus B700 Single Lever Controls at Port Steering Station



Sails and Rigging

Kassoumay has been upgraded from the base model 47 with a Lagoon 470 rig. This has added 1.5m to the mast and associated power. She has had full annual rig inspections and all winches are regularly serviced. The forestay and roller system were changed in 2008.

- 7/8 Sloop rig with twin spreader diamond standing rigging
- White Marechal Aluminium Mast
- White Marechal Aluminium Boom
- Roly Tasker Full Batten 71 m² Mainsail with Lazy Jacks and Cover (Brand New)
- 150% Genoa on roller with and UV Protection
- 1.5 oz Asymmetrical Spinnaker with Sock
- 200% Genneker on furler on bowsprit.
- 3 x Andersen 52T Primary Winches
- 2 x Andersen 46T Secondary Winches
- Frederiksen Mainsail Batcar System
- Harken Genoa sheet blocks and tracks
- Almast Reefit Roller Furling Headstay
- Spinlock Rope Clutches
- Upgraded 13 mm Shrouds with Improved Tangs
- Halyards and Reefing lines in Spectra
- Sheets in Polyester Double Braid



Electrical System

Equipped with 12VDC and 220VAC wiring. Main control board at Nav station. The solar panels are mounted on top of the dinghy davits and are able to be rotated through 50 degrees on either side of horizontal. They produce 20-25A/Hr at a clear mid day in the Tropics. Due to their size and associated high output, the engines are rarely used for power generation and there has been no need for a wind generator.

- 2x Astropower 120W Solar Panels
- 1x Astropower 55W Solar Panel
- Prostar 30A Photovoltaic Regulator
- Freedom 25-Export 12V 2500VA/130AMP Inverter Charger
- Xantrex Link 1000 Battery Monitor with Remote at Navigation Station
- 8x Trojan 105 6v Batteries (new 2007)
- 120A Blue Sea Starting Isolation automatic Charging relays to each engine
- 2x Gel Engine Cranking Batteries with 230AMP hours
- 3x 12v Interior Outlets
- 8x 220V Interior Outlets
- One 240VAC Dock Cable 100ft



Accommodation

Kassoumay was tailored by her original owner, whose interest was in maintaining maximal performance within a comfortable family layout. The galley is “up”, which has the distinct advantage of being at the same level as the cockpit, which remains the principal “living” area. The cockpit is separated by two large sliding doors that open up the saloon into the cockpit forming a large single level area.

The layout was originally standard charter – with four cabins accessed via the bridge deck, each with their en suite toilets. This configuration was adapted on Kassoumay to provide an office in the port Forward cabin and one forward head was removed and a small washing machine substituted.

The forepeaks are very large waterproof compartments, behind crash boxes, (which in the charter version Lagoon 47s are often converted to crew berths). Access is through a large Goiot deck hatch. These can be used for storage of sails, spare lines, fenders, sheets, empty fuel containers, mooring buoys, spear guns etc...

Bridgedeck

Galley is L shaped to starboard with Blue Atlantis Corian countertops, two sinks with hot/cold pressure water available from either tank. The galley has extensive counter space with storage below.

- Top loading 23 litre 12v refrigerator with air and water cooled compressor.
- With a 1.5 cubic feet front-loading freezer.
- ENO Bourgogne Stainless stove with two burners, oven
- DVK gas alarm and controller mounted above the galley
- Solenoid protected and vented 9kg main stainless steel gas bottle in cockpit floor
- 1150 W Black and Decker microwave.



Navigation

The Navigation station is located to starboard next to the galley and faces forward with radios, electrical distribution panel, chart table and shelf for chart storage. (I have purposely kept the autopilot separate from NMEA input, but this can readily be connected if required.)

- NKE Gyropilote graphic Controller at Steering Station
- NKE Calculateur Gyro2 in port engine bay
- Raytheon Autohelm 7000 linear drive unit
- NKE Remote wireless Autopilot controller
- NKE Fluxgate Gyrocompass at Cockpit Bulkhead
- Raymarine ST60 + Depth indicator
- Raymarine ST60 + Analogue wind strength indicators at Cockpit bulkhead
- Raymarine ST60 + Close Hauled analogue wind angle indicator at Cockpit bulkhead
- Raymarine C90 Multifunction advanced display panel at chart table
- Raymarine loch/knotmeter in starboard hull
- ST60+speed indicator at bulkhead
- Raymarine Masthead Wind Speed and Direction Indicator unit
- Raymarine depth sounder in starboard forward hull
- All instruments linked by Seatalk
- Raymarine 18" 2kW Mast Mount Radome
- Icom 707RT SSB Radio with 130 Antenna Tuner and whip antenna
- Raytheon 47 VHF Radio
- Garmin 126/128 GPS Navigator at control panel
- Icom IC-M2A VHF Hand held and waterproof unit
- Pactor PTC IIpro modem with USB serial cable to laptop computer
- NMEA Output serial cable for transfer of GPS data to laptop computer
- Sony Vaio portable computer for Navigation



Saloon

The saloon is centred on a large rectangular shaped aft facing sofa forward with extensive storage below. There is a moveable small square teak coffee table. A wooden board is fitted over this table and a tailored cushion is added, enabling the resting and on watch crew members to be on one level during sea crossings. (This has considerable safety

implications). A Hella-Turbo fan and 220V outlet is also located between the Saloon and Chart Table.



The saloon sofa was recently (New 2005) re-upholstered with Jeanneau recommended Macro Cotton treated fabric. There are also a number of new matching throw pillows.

Entertainment Systems

The saloon and cockpit areas are served by a Sony/Bose sound and entertainment system. They can all be managed by the Sony 12V stereo with Auxiliary input capability (for Ipods and DVDs) and can play CDs, Radio, and MP3s. There is also a 12V/220 38 cm LCD TV readily wired to DVD player in locker next to mast base. Video Camera, Cable TV, and VGA input. All devices have stand-alone remotes. There is a mast mounted Majestic TV antenna with amplifier.

Cockpit and foredeck

The cockpit is a square shaped seating area with a large hardwood table fixed on adjustable stainless steel mount. The steering and control station is on the port side.

In the floor of the cockpit are two large lockers. One of these is used to store a spare rudder. The other stores 100 litres of petrol/mixture in containers, for dive compressor and outboard respectively, the large stainless gas tank, spare gas tank, swim ladder and four dive tanks. The lockers drain to the underside of the bridge deck.



The cockpit has a PVC bimini and three sunshades that zip onto the aft and sides. The Bimini frame is in stainless steel. Cockpit cushions are of white mesh and closed cell foam. There is a clear PVC sheet which can be zipped along the forward edge of the Bimini to prevent spray coming over the deck into the cockpit. There are two large cockpit seat lockers and four lockers under the main track. At the base of the mast, on the foredeck, are four large deep lockers. One of these serves as the chain locker and houses the windlass, as well as having ample room for all the mooring lines and a 100m unused 17mm anchoring rode. The forward lockers drain through to the sea, and the two others are waterproof and accessed through their forward counterparts. The large area of trampoline allows water to pass through in heavy seas and reduces the tendency to slamming.

Starboard Hull

The Forward cabin has a double berth and Small Square seat with extensive inboard shelving and on the outboard side, a small moulded storage unit. There is good storage space under the berth, including a large central drawer. Two portlights and a large deck hatch ensure very good ventilation. There are Mosquito screens to fit these hatches.

Midship passageway has compartmentalized shelves at head level with two heavy duty ocean fishing rods and reels (Shimano and Penn) on holders beneath. Inboard is a large manual head (Jabsco) and stand up shower. This has a large moulded shower stall with hot/cold pressure shower, teak grate and sump pump. Companionway steps lead to the galley and saloon.



Master Stateroom has a double berth with a large storage area below, and a long shelf inboard. There is a small double shelf located on the outboard side for drinks and small items. Two reading lights and two overhead lights, as well as an AC outlet are available.



There are two sea view portlights with fitting mosquito screens on the outboard side. There is a large deep drawer under the bunk and hanging cupboards and shelving next to a moulded desk/secretaire.

There is an en suite head and hand shower with mirrored bathroom cupboard. The Jabsco head is manual, but an electric adapter is available for fitting. The countertop is white moulded glass, with hot/cold pressure water. There is a skylight that opens next to the cockpit.



Port Hull

The forward cabin has been adapted to provide office space for computers / printer / pharmacy and administrative storage. There is a Hella fan and reading light located on the fitted table. Two portlights and a large deck hatch provide light and ventilation. These have associated insect screens.

Midship Passageway inboard has a shower compartment for guests, a 2.2Kg toploading Lemair washing machine. Outboard there are head level bookshelves, and hanging space for clothes- e.g. heavy weather gear.

Aft Stateroom has a double berth with a large drawer and ample storage space below. The Icom SSB tuner is located above the berth and two reading lights are located on the aft bulkhead. There is a hanging area with shelving and a secretaire identical to that on starboard side. AC output, and there is an AC outlet located on the bookshelf under the secretaire.

General Equipment

- Spectra 300 Catalina 12v Watermaker with MPC-500 controller located in the saloon
- Soft PVC Bimini on stainless steel frame with side and rear curtains
- Goyiot hatches and port lights throughout
- Vinyl covered double lifelines surrounding the boat
- Transom shower
- Stainless swim ladder
- Two Raritan hot water heaters
- Two Jabsco pressurized water pumps with individual controls
- LED Anchor light
- Combination steaming/Deck floodlight
- Eight docklines, anchor bridle, eight cylinder fenders, with new covers
- 1500W Anchor windlass with remote control and spare
- Brittany anchor with 60m of galvanized 10mmchain
- CQR Anchor
- 300ft of additional anchor rode (Unused rope)
- 9Kg Stainless LPG gas tank in moulded compartment in cockpit floor
- Spare 2.5 Kg Stainless steel gas bottle or BBQ
- White Aluminium davits with spinlock rope clutches
- Fishing rod mounts
- Sunbrella deck hatch covers
- Trampoline (New 2005)
- Six automatic bilge pumps
- Two Henderson manual bilge pumps
- Lagoon general spare parts kit
- Lagoon Owner's manual and gear instruction manuals
- Extensive toolkit

Safety Equipment

- Horseshoe life ring with strobe
- Dan buoy
- Life jackets
- Fire extinguishers
- ACR 406 EPIRB
- Flare kit



- 2 removable webbing jack lines

Tender

- One grey AB 10AL 320cm aluminium hull dinghy with hypalon tubes (new 2006)
- Repair kit and spares
- 9.9 Yamaha Outboard with 25 litre fuel tank
- FOB anchor and 50ft of chain/rode



Miscellanea...

- Petrol Bristol dive compressor with filter cartridges (serviced 2007)
- Two dive tanks, BCs, regulators and full diving equipment
- Mountain bike
- Lobster trap
- Anchoring buoys
- Force 10 Barbecue
- 6x 23l Gasoline/petrol containers
- Bosun's chair
- 3x spear guns



Kassoumay has extensive stores of stainless steel fittings, bolts and washers and spare parts for the engine, plumbing, rigging and electrical systems. Inventory list available on request.

Useful links:

www.spectrawatermakers.com/catalina/index.html

www.abinflatables.com/i_product.asp



Epi, Vanuatu



Whitsundays, Australia



Tuamotus, French Polynesia



Mackay, Queensland