

BALLOTTA KSS 46 Construction Proposal

Specifications:

Loa	46 Feet	13.92 mts.
LWL	44.30 Feet	12.50 mts.
BOA	25.10 Feet	6.95 mts.
Displacement approx.	8.30 Tns.	

Sail areas:

- Genoa	34 M2 approx.
- Mainsail	65 M2 approx.

Tanks capacity

Fresh water	100 glns.
Fuel	100 glns.

Hull:

- Composite infused laminate with an interior of PVC DIAB with exterior layers of unidirectional fiber.

Designer: Derek Kelsall (Kelsall Catamarans Internacional).

Interior:

General:

- Vinyl and polycarbonate ceilings.
- Real cedar and cedar imitation woodwork.
- Upholstery- Hi density cushions with marine acrylic fabrics
- Polyester foam mattresses
- Stainless steel accessories.
- Wood imitation flooring

Saloon accommodations:

General:

- Main access by a sliding tempered glass aluminum door.
- Panoramic view through ½ inch acrylic windows .
- Ventilation via 2 front opening hatches.
- Wooden table for 8, 8-seater sofa.
- Lighting : 3 Cantallupi stainless steel halogen spotlights, fluorescent lighting.

Kitchen:

- “L” shaped galley.
- Stainless Steel finish countertop.
- Stainless Steel sink.
- Pressurized hot and cold water with heavy chromed bronze mixing faucet.
- Foot pump salt water faucet.
- Stainless Steel 2 burner gas stove.
- LPG insulated marine equipment for stove with aluminum rechargeable tank..
- Refrigerator AC/DC Norcold DE490
- Stowage locker under sink.
- Spacious drawers, shelves and closets distributed through out the area.
Stainless steel drawer slides.
- Lighting – Fluorescent lights.
- 110 VAC outlet.
- Microwave oven.
- Manual extinguisher.

Navigation station:

- Wooden chart table with stowage under lid.
- Panel for navigation instruments.
- Outlets 12 VDC, 110 VAC
- Reading light for chart table.

Home theater/ Electrical panel:

- Panel console with acrylic door.
- 12 V. electrical panel with trip switches.
- 110 V. electrical panel with trip switches. Power selector.
- Space for stereo – CD – DVD equipment.
- Stainless steel movable base for flat screen TV.
- 29" Flat screen TV.
- DVD player.

Hulls accommodations:

Owners version : Owner's suite to starboard + 2 double cabins to port. 3 bathrooms.

Port cabins:

- Independent wooden doors.
- Hanging closets and shelves.
- Stowage space under beds with plastic hatches.
- Double beds.
- Ventilation through aluminum hatches.
- Rolling curtains in all hatches.
- Lighting – Cantallupi halogen lights on ceiling and reading lights on side.
- 110 VAC outlets.

Port heads :

- Fiberglass interior in polyester polyurethane finish. Non skid floor.
- Ventilation through aluminum hatches.
- Counter top with built-in sink and large mirror.
- Manual marine toilet.
- Hot and cold water through mixer faucet and built in hand-held shower.

- Saltwater foot pump faucet.
- Stainless Steel bathroom accessories.
- Overhead storage bin.
- Lighting – Waterproof Halogen lights.
- 110VAC Outlet

Starboard Suite:

Access through sliding door at top of saloon.

Sleeping area:

- Independent wooden door.
- Hanging closets and shelves.
- Stowage space under beds with plastic hatches.
- Double beds.
- Ventilation through aluminum hatches.
- Rolling curtains in all hatches.
- Lighting – Canatallupi halogen lights on ceiling and reading lights on side.
- 110 VAC outlets.

Saloon area:

- Desk with drawers and reading light.
- Overhead storage bins.
- 110VAC Outlet.
- Spacious stowage and closets.
- 2 seat bench seat.
- Lighting –Cantallupi halogen lights.

Head:

- Fiberglass interior in polyester polyurethane finish. Non skid floor.
- Ventilation through aluminum hatches.
- Counter top with built-in sink and large mirror.
- Manual marine toilet.
- Hot and cold water through mixer faucet.
- Saltwater foot pump faucet.
- Stainless Steel bathroom accessories.
- Vanity.
- Lighting – Waterproof Halogen lights.
- 110VAC Outlet
- Shower separated by acrylic door with hot and cold water mixer.

Deck Layout:

General:

- Polyester polyurethane high gloss finish.
- Non skid flooring.
- Stainless Steel hardware.

Cockpit:

- Hand-held shower in transom.
- Sofas for 12 persons with removable cushions.
- 1 fiberglass cockpit table.
- Locker under aft sofa.
- Locker under helmsman seat.
- Waterproof led courtesy lighting.
- Saltwater wash down faucet.
- 2 mooring cleats.
- Hardtop

Helm Station:

- Fixed helmsman's sliding seat with removable cushions.
- Instruments console.
- Waterproof electrical panels.
- Windlass remote switch.
- Compass.
- Engine controls.
- Stainless Steel wheel.
- Navigation equipment.
- Rudder indicator.

Foredeck:

- Large Nacelle locker with aluminum access hatch, separated in two compartments.
- Electric windlass with circuit breaker protection.
- Chain roller and locker.
- 2 storage lockers on side with plastic access hatches.
- Aluminum beams and rails with net.
- 2 mooring cleats.

Forepeak:

- Access through aluminum hatches on deck.
- Fully painted with gel coat finish.
- Lighting: Stainless Steel ceiling light.
- Buoyancy reserve.

Engine holds :

- Access through aluminum hatches.
- High performance sound-proofing.
- Ventilation through external ducts + blowers.
- Automatic fire extinguishers.
- Automatic bilge pumps.

Engines:**Engines and equipment:**

- 2 x 50HP VOLVO Sairdrives.
- 2 x three-blade right-hand pitch propellers.
- Saltwater filter.
- Engine cooled by heat exchanger.
- Fiberglass exhaust..

Fuel system:

- 2 fiberglass fuel tanks built with vinilester resin and filled by stainless steel fills on deck.
- Electric gauges at helmsman station with magnetic senders on tanks.
- Water separating pre-filters.
- Fuel shut-off.

Plumbing:

- 2 Plastic tanks.
- Electric gauges at navigation station with magnetic sender.
- 2 automatic water pressure pumps with pressurization tank.
- Polybutylene plumbing and fitting.
- Automatic bilge pumps in each hull.

- Saltwater wash down pump.
- 2 plastic holding tanks with macerator pump and “Y” diverter.

Electricity/Electronics:

Main circuit:

- 4 75 Amps battery with selector switch.
- 1 Galvanic isolator.
- Power inverter 12V-110V 1500 watts.
- General charge through engine alternators.
- High performance marine grade wiring.
- Shore plug.

Electronics:

- 1 Raymarine ST60 navigation unit including log, speedo, depth sounder, wind speed and direction indicator at helm station.
- 1 Standard Radio VHF at the navigation table.
- 1 VHF masthead antenna.
- 1 FURUNO GPS GP32 at navigation table.

Rigging and Sails:

- Anodized aluminum mast and boom.
- Complete standing rigging.
- Ball bearing mainsail luff cars.
- Mainsail halyard.
- Boom topping lift.
- 3 reef pennants.
- Genoa halyard.
- Clutches on all halyards and topping lift
- 2 size 40 spinnaker/runners winches Lewmar
- 2 size 44 Genoa winches Lewmar
- 1 size 46 mainsail winch Lewmar
- Navigation, engine and mooring lights.
- Deck lighting.

Sails:

- DOYLE High quality fully-battened mainsail and Genoa.
- Genoa Furler.

Other Equipment included:

- Emergency tiller
- Hynautic hydraulic steering with alignment valve.
- Stainless Steel stanchions with upper and lower guardrails.
- Removable swim ladder in transom.
- 2 layers of antifouling bottom paint.
- Covers for saloon windshields.
- Dinghy lift