

Inventory - Muschi Khan

General	
Vessel Name	Muschi Khan
Year	2013/2005
Make	Freizer
Model	28
Length	28.2m / 92.52ft
Beam	8m / 26.24ft
Draft	1.8m / 5.90ft
Air Height	~8m / 26.24ft
Displacement	~65 Tonnes
Hull Material	Aluminium 5mm bottom, 4mm sides, 3mm superstructure
Deck Material	Aluminium 3mm
Keel	Full length keel protecting Propellers and Rudders
Designer	Stuart Freizer Marine Pty Ltd
Builder	Aluminium Boats Australia
HIN	AUA DD000126Q16
Registration Number	857871
Registration Expiry	2019
Number of Helms	1
General Notes	Boat in excellent condition. Has previous Australian 1C charter

Engines	
Engine Year	2011
Engine Make	Detroit
Engine Model	MTU 60 Series Turbo
Number of Engines	2
Engine Number	06R1050725
Engine Hours	261 Hrs Sept 2018
Second Engine Number	06R1050645
Second Engine Hours	261 Hrs Sept 2018
Horsepower	2x 750 Hp
Fuel Capacity	2x Aluminium P&S total 20,000lts
Fuel Consumption	60 L / Hr at 12 knots. ~305 L / Hr at 24knots
Fuel Type	Diesel
Maximum Speed	~24 Knots

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Cruise Speed	8 Knots range ~8,000Nm. 14 knots - ~3500Nm depending on sea and wind conditions
Propellers	2x 5 Blade ZF 850mm
Thrusters	2x Bow and 2x Stern Custom 415vx 7,5Kw, variable speed thrusters
Drive Type	3 1/4" 2205SS shafts, gearboxes: MG5114SC ratio 2.54:1
Steering System	Hydraulic, Joy stick. Hydratorque 2.2kw power pack for steering
Notes	Fully alarmed engineering spaces with cameras. Cameras in void spaces as well. Fully Serviced. Exhaust wet thru sponsons

Accommodation

Layout	Spacious 2 deck accommodation of 4 cabins approx 220sqm for 9 Pax
Headroom	~2m+
Single Berths	3
Queen Berths	3
Drop Down Saloon	Can accommodate 2x on couches
Notes	3 Cabins on main deck with 1x master ensuite on top deck

Bathrooms

Shower	2
Heads	2
Heads Type	Electric Porcelain
Holding Tanks	1x 1000 L Grey water, 1x 1000 L black water
Hot Water Capacity	1x Proflow Dux 52 L, 1x Rheem 80 L
Notes	All cabins have Large Panoramic windows, full spilt airconditioning

Galley

Galley Location	Stern amidships, full worktops and professional galley
Water Capacity	2000 L
Refrigeration	2x Miele stainless steel upright domestic type fridges, 1x Wine/Bar Fridge
Freezer	1x 141 L Chest Freezer
Stove	1x ilve stainless steel 5 burner gas with range hood
Oven	1x ilve sstainless steel electric oven
Sink	Large Commercial size double stainless steel
Microwave	Yes
Dishwasher	1 x Fisher & Paykel 2 drawer stainless steel

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Notes	Well laid out large Galley with open views to Aft decks, 1x Espresso Machine.
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Electronics

Depth Sounder	2x Koden Digital Colour LCDx 10.4" Forward - 1x Koden Digital Colour LCD x 10.4" Aft -3x Airmax Tech B166-SS 164 - 1kW transducers	
Autopilot	Simrad AP70	
Wind Instruments	Simrad	
Radar	1x JRCJMA 334 72Nm AIS/MARP, JMA6' scanner. JRCJMA 334 48Nm AIS/MARP, JMA2' scanner.	1x
Chartplotter	C-Maps on mainframe computer with Laptop backup	
AIS	Yes	
GPS	1x JRC Dynamic Sensor	
TV	Tracvision M9 Satellite System, LG LA66 monitor in Saloon, All cabins have TVs	
Stereo	Techview, Yamaha R-S700 receiver	
Radio	1x Icom IC M412 VHF. Plus 4x handheld ICOM VHF radios	
Sat Phone	1x Imarsat Skipper I50	
Notes	1x Multiplexer computer, 2x LG 23" monitors	

Batteries

Battery House	3x 200AmHr 12v, 1x Optima 12v
Battery Engine	2x 75Amphr
Battery Charger	4x charging systems, 2x 37kVa Zenith Mecce Alternators, 2x 24v and 2x 12v
Notes	12/24v DC and 240/415v Ac circuits. Dolphin battery chargers various tools and spares

Electrical Equipment

Watermaker	Trinity Eco 120 ltr/hr reverse osmosis with Cat 2SF35 HP pump
Generator	2x 32kVa 3 phase Zenith Gensets with Isuzu engines. Port 493hrs, Stb 515hrs
Washing Machine	1 x Daewoo DW-900C twin tub, 1 x 5kg dryer in Laundry/Workshop area
Air Conditioning	3 x Daikin 7,500w Multi Inverter Split systems- marinised

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Heater	As above
Shore Power	220V
Notes	Complete ship can run on one genset at a time

Safety Equipment

Bilge Electric	1 x 24v submersible in each compartment (14 in total) 1 x 240v submersible in each compartment (14 in total) Bridge controls.
Life Raft	RFD
Life Jackets	14
Life Ring	4
EPIRB	Yes
Flares	As required by AMSA
Fire Extinguisher	5x 2kg
First Aid	Cupboard
MOB Light	1
Notes	Fully alarmed machinery electronic monitoring system. Bilge alarms each compartment. Fire alarms. High and low level FW & sullage tanks. Cameras in voids. 4 x FM200 engine fire smothering systems for 2 main engines and 2 Gensets. Fire hose & blanket.

Ground Tackle

Anchor	1x 70kg Manson Supreme
Chain / Rope	16mm x 110m
Spare Anchor	1x Manson Supreme
Chain / Rope	10m Chain plus braided rode can be run as Stern anchor as windless available on stb stern.
Windlass	Maxwell 6000
Notes	Windless control in bridge

Deck Gear & Accessories

Tender	1 x Stabicraft 1750 Frontier alloy tender, centre console with Yamaha 100 Hp outboard motor. 1 x Quintrex 400 Hornet with Yamaha 30hp outboard motor.
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Tender Outboard	1x 100 Hp Yamaha and 1x 30 Hp Yamaha
Davits	2.68 Tonne crane on top deck plus and tender lift on main deck
Swim Ladder	Tenderlift / Diving Platform lowers into water
Deck Wash	Yes
Deck Shower	2x Hot and Cold
Cockpit Cushions	Table and Chairs
Bimini	Aluminim
Boat Hook	Yes
Air Compressor	1x Bauer Mariner 200E with 2 filling stations, port and stb.
Mooring Lines / fenders	Various
BBQ	5 Burner gas less Beefeater Stainless Steel
Water Toys	Jet Ski
Spares	Various
Notes	1 x Ferrari F571RA2 2,685kg remote controlled with Pullmaster PL5 winch. 1 x 415v capstan aft. 1 x 415v platform/tender lift. 1 x 15kw power pack for crane

Miscellaneous

General Remarks	In excellent condition and very well maintained
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