

Vessel Name	Malua
Make	Adams Bluewater
Model	420 Raised Saloon
Year Commissioned	2004
Length in m	12.75m/42 feet
Beam in m	4m
Draft in m	1.99m
Displacement	Approx 13 tonne
Fuel Capacity	Approx 440 l in 2 s/s tanks
Water Capacity	Approx 1000 l in three tanks
Holding Tank	Approx 250 l
Hull Material	Fibreglass
Deck Material	Fibreglass
Keel Type	Integrated approx 4 tonne
Designer	Joe Adams
Builder	Bluewater Cruising Yachts – Cardif NSW

HIN	
Place of Registration	NSW
Registration Number	857057N
Australian Registration #	857057
Berthed	Bermagui

### **Accommodation**

Main Cabin	Double bed with European styled inner spring mattress with storage underneath.
Rear Cabin	Double bed with European styled inner spring mattress with storage underneath
Quarter Berth	Full length berth with European styled inner spring mattress. Lee cloth
Main Head	Aeroplane style vacuum toilet into holding tank
Forward Head	Pump out style
Saloon	Opposite to the lateral galley with room for six or more
Galley & Refrigeration	
Stove	Gimble Broadwater stove with oven and grill. Eight cupboards for stores, plates, glasses and microwave.
Sink	Two deep round stainless steel sinks with pressurised water taps: Drinking, fresh and sea water
Freezer	Purpose built fridge freezer adjacent to stove with two hatch top opening into four compartments
Storage - Food	Adjacent to galley under workbench, is a purpose built storage which holds 10 or more food grade plastic bins for long term storage.

## **Hull & Deck**

Deck	Fiberglass integrated with hull in cream non-slip
Blocks & deck gear	Lewmar with adjustments lead aft to cockpit
Stantions	Robust s/s mounted on base and bulwark with three lifelines
Windlass	Muir Atlantic 1200 with capston can operate from wheel
Hard dodger	Purposes built with curved polycarbonate windows, integrated handrails
Cockpit	Teak lined with high comfortable backrests and Sunbrella covered cushions
Wide sugar scoop	Integrated into hull with handrail and boarding ladder
Steering	Whitlock drag link with 2 sized wheels

## **Sails & Rigging**

Cutter rig	stay-sail on Profurl twintrack roller furling on highfield lever
Mainsail	North Sails Dacron installed in 2018. Fully battened with 3 reef points on Antil teflon batten cars
Genoa	North Sails Dacron installed in 2018, 150% furling with Sunbrella UV suncover
Staysail	North Sails Dacron installed 2018 with Sunbrella UV suncover
Spinnaker	North Sails oz and area with North snuffer
Reacher	Asymmetric North Sails oz and area with North snuffer
Sail Cover	New 2017 Sunbrella Captain Navy
Bimini Cover	Replaced 2019 with weathersheets Sunbrella Captain Navy
Mast	All-Yacht Spars. Anodised after construction
Boom	Selden with 3 single line reefing. Boom brake by BoomMaster.
Spinnaker poles	Two full length, One on mast track
Standing rigging	Replaced in 2017 by Brieryley Marine Tasmania.
Storm trysail	On own halyards and separate track
Winches	Andersen Stainless steel self-tailing. Main, Genoa - 52 two speed. Stay-sail and spinnaker - 40 self-tailing

## **Steering & Controls**

Steering	Whitlock Cobra rack and pinion direct drive system from wheel to rudder.
Engine Control	Whitlock Morse single lever engine/gear controls
Autopilot	Whitlock ¼ Hp drive unit with rudder feed back directly connected to rudder quadrant
Autopilot	Course Master Hydrive hydraulic ram steering unit directly connected to rudder quadrant.
Autopilot controls	two Simrad AP20/21 interlinked units. One at wheel, the other handheld.
Windvane	Flemming wind vane removable

## **Mechanical**

Engine	Yanmar 4JH2E naturally aspirated diesel, 50 HP with fresh water cooling system
Water filters	Custom raw water inlet filter with anode. Custom designed and built water muffler and exhaust system
Fuel filter	Dual Racor 500 filters: Switchable between fore and aft tanks and between either filter. Vacuum gauge
Engine shut-off	Engine and generator fuel shutoff from outside engine room
Generator	13HP Kubota diesel motor water cooled and separate exhaust system. A direct connected 150Amp DC Leese Neville alternator with smart regulator.

## **Tankage & plumbing**

Diesel	440 litres in 2 s/s tanks
Water	Approx 1000 litres in three tanks. Two integrated into keel 1 stainless steel
Holding tank	Approx 250 litres located under floor with Vetus no-smell filter vented to stern
Hot water	Pressurised from Woody 50 litre reservoir system heated by engine, element or generator
Galley taps	Three taps – drinking, fresh (hot and cold) and salt, all pressurised with accumulator tanks

## **Navigation & Radio Equipment**

Layout	Full size chart table with navigation pod in front of reclining captain's swivel chair
Chart Plotter	Simrad CA44 chartplotter with

Wind instruments	integrated Radar screen and many outputs Simrad IS15 wind/multi screen next to chartplotter and cockpit
Autopilot	Simrad (Robinson) AP21 hand held autopilot next to chartplotter. Second AP20 at wheel fully integrated
AIS	AIS: Vesper Marine stand alone AIS transponder with own GPS and VHS antenna with feed into PC or Rpi
Raspberry Pi	Open Plotter navigation and recording system feeding into HDMI screen with TV output
HF radio	ICOM M710 SSB internationalised for Ham frequencies with Icom tuner and backstay antenna. Connected to PTC II Pro PACTOR 2
VHF radio	ICOM M502 with a second commander control unit
FM/AM radio	Kenwood radio with bluetooth and remote control

### **Electrical**

House battery	two house banks. 400 ah each in 8 x 6 volt Sonnenschein Gel batteries
Engine battery	D400 with own smart regulator
Wind generator	13HP Kubota diesel directly connected
Generator	150Amp Leese Neville alternator. Ample Power 3 step regulator to all battery banks
Solar panels	Two 75 watt Siemens with own Xantrex smart regulator
AC/DC charger	Mastervolt 1000 watt charger inverter controlled by Heart management system

### **Safety Equipment**

Bilge pumps	Three Johnson 500 litre/m pumps plus Whale Gusher Titan manual bilge
Liferaft	RDF 6 person life raft stored in hard container not in survey
EBIRB	Two 406 EPIRB registered, horn, strobe and flares
Fire extinguishers	Main cabin, next to engine compartment and aft cabin
Flares	yes
Lifering	yes