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Boat Details

Price	$1,050,000 REDUCED!!	Boat Brand	Radford
Model	50	Length	15.20
Year	2022	Category	Aluminium
Hull Style	Single	Hull Type	Aluminium
Power Type	Sail	Stock Number	DBY00140
Condition	Used	State	Victoria
Suburb	MELBOURNE	Engine Make	Steyr

Description

Radford 15.2 RUBICON Aluminium expedition yacht setup for shorthanded, long distance passage making to all latitudes. Launched in June 2022 with an abundance of extras on board.

REDUCED - MOTIVATED SELLER

The majority of the work on the vessel was completed by the owner; however, the rolling and welding of the hull plates were expertly handled by Geoff Cole of Winning Yachts in Caboolture, QLD. The design is Graham Radford #80, making this the first boat built from that plan. It features a masthead cutter-rigged sloop sail plan with an overlapping genoa (71 sqm), staysail, and a fully battened Leisure Furl mainsail (57 sqm), optimized for single-handed sailing. The mast was crafted by Allyacht Spars in Brisbane, and the Dyneema rigging was installed by Superior Masts and Rigging. The Doyle sails and rig date from September/November 2022, with the exception of the boom, which was sourced from Gerry Snyders' FIKA in 2022, as new Leisure Furl booms were unavailable at the time. The boom was overhauled and modified to fit the sail plan. Deck gear is by Ronstan, including two poles for the genoa and staysail.

Constructed from 5083 marine-grade alloy plate, the hull is welded in accordance with the designer's specifications. The vessel is equipped with nine Anderson full stainless steel sail winches, including one electric winch. Anchoring is managed by a Muir VRC2500 hydraulic anchor winch with a 40kg Sarca Excell anchor, 100m of 10mm galvanized chain, and a remote control for both the thruster and anchor winch. Reefit furlers are fitted to both the genoa and staysail, with all lines leading to the safe center cockpit for effortless single-handed sailing. A Vetus hydraulic bow thruster provides ease of maneuvering when docking. The helm features a Hydrive hydraulic steering system connected to a spade rudder, complemented by a Coursemaster autopilot.

Navigation is facilitated by a 9" Raymarine chart plotter at the helm, an i70 multi-instrument, Coursemaster autopilot, and compass. Additional instruments for depth, wind, and log are mounted on the cabintop beneath the dodger. The cockpit is fully enclosed, with Aquatread decking throughout for durability and comfort.

Fuel capacity is 700 liters distributed across three tanks, with a twin Racor fuel filtration system supplying a 90hp Steyr diesel engine. This engine drives a ZF 25 hydraulic transmission and a shaft connected to an Autoprop propeller with a rope cutter. Additionally, the Steyr engine features an Integrated Flywheel Generator (IFG) capable of producing 300 amps at 12 volts to charge the house battery system. The electrical system comprises a dedicated

engine start battery and eight Whisper Power lithium batteries (100Ah each, Dutch), supplying the 12-volt house system. A 3000-watt Whisper Power inverter provides 240-volt power throughout the main cabin. Renewable energy sources include 900 watts of solar panels and 400 watts of wind power, ensuring continuous battery charging while at anchor. The IFG offers supplementary power when required.

Freshwater capacity is 600 liters, with an additional 100 liters designated for drinking water, stored in separate systems. A Spectra Cape Horn Extreme water maker ensures a reliable freshwater supply. The galley is gas-free, featuring a Wallas diesel stove and oven, an OzeFridge chest-style fridge/freezer, a microwave, an electric kettle, a coffee pod machine, a 46" TV, and a toaster.

Designed for high-latitude sailing, the interior is extensively insulated. The hull was treated with 300 liters of Mascoat DTM insulation paint and 120 liters of Mascoat DB noise paint before the fit-out, ensuring a dry and quiet interior. An additional 50mm layer of closed-cell foam insulation covers the main, forward, and aft cabins.

Two independent heating systems provide warmth and comfort. A Wallas Spartan air heater distributes ducted heat to the main cabin, aft cabin, and wet locker. Additionally, an Eberspacher D12 hydronic system heats water and provides fan-assisted heating and heated towel rails in the forward and aft cabins. This system can be zoned for efficient climate control. The interior features Victorian Blackwood timber throughout.

Both the forward and aft cabins offer queen-size ensuite accommodations, with the forward bed slightly narrowing at the head. The heads feature Sanimarin macerator toilets, each with a dedicated 60-liter blackwater tank, while all greywater is collected in a central 90-liter tank in the galley. All through-hull fittings are by Trudesign, with electronic monitoring at the navigation station.

The navigation station is equipped with a 12" Raymarine plotter, VHF radio with an external speaker, AM/FM wireless, all 12V and 240V circuit breakers, and a full-size navigation table. The vessel has three bilge pumps with a combined capacity of 9500 gallons per hour, plus a manual Whale Gusher pump. Twin water strainers provide redundancy, and separate fresh, drinking, and saltwater pumps are installed. There is ample under-floor and settee storage, along with gas-strut-assisted storage under both beds.

The electrical system was installed by Clow Marine (12V) and AIM Electrics (240V), with a stray current survey completed in October 2022 (available upon request). USB and USB-C outlets are positioned throughout the vessel. Recent antifouling was completed by JNC Marine Yaringa, and standing rigging was supplied by Superior Masts and Rigging. Additional onboard features include a wet locker with a tool storage system and a Starlink Mini (wired, Mini unit not included).

Safety equipment includes a fitted EPIRB, Danbuoy, two Spinlock life vests, two harnesses, and four BLA life vests. A Highfield 2.6 tender with a 6hp Suzuki outboard is included. Anchoring options consist of a 30kg alloy Sarca Excell anchor with a removable shank for better stowage and an additional 30kg Sarca Excell kedge anchor with 10m of 10mm chain. Two 100m lengths of 16mm nylon shore lines are stored on drums. A full set of anodes (10 total), a spare new macerator and seat, engine filters, and a shore power lead are also onboard. The vessel comes with new navigation charts for Victoria and Tasmania. The engine was serviced on 27/02/2025.

Date of last antifoul: July 2026

For sale with DBY Boat Sales Pittwater Office in Newport. Please call +61 2 9999 3311 for an inspection. For additional high-resolution photos and detailed inventory, please email sales@dbyboatsales.com.au

Features

Designer	Graham Radford
Builder	Malcolm Warnock
Water (Potable) Capacity (l)	700

Hull Construction Material	Alumium
Hull Type	Aluminium
Deck Construction Material	Aqua Tread
Country Origin	Australia
Length (feet)	50
Length (m)	15.2
Beam/Width (feet)	14.5
Beam/Width (m)	4.4
Draft (m)	2.2
Keel/Ballast	Integral/Lead
Dry Weight (kgs)	13.5 tonnes
Number of Helms	1
Displacement	15 tonnes
Engine Notes	Nearly Brand new STEYR Engine - last serviced 27/2/2025
Number Of Engines	1
Engine Standard	Steyr
Stroke	4
Engine Hours	550
Horse Power (hp)	90
Drive Type	Shaft
Engine Room	Under Cockpit
Generator	IFG
Number of Batteries	1 x Engine, 8 x House
Fuel Type	Diesel
Number of Fuel Tanks	3
Fuel Tank Capacity (L)	700
Propeller	Auto Prop
Steering System	Hydrive Hydaulic
Bow Thruster	Y
Accomodation Notes	Headroom is 2mtrs.
Number of Berths	2 x queen beds
Number of Showers	2
Shower Type	Hot/Cold Wet head
Number of Toilets	2
Toilet Type	Sanimarin Macerator
Air Conditioning	no
Number of TVs	1
Holding Tank (L)	yes - Grey = 90L, Black - 120L
Galley Notes	Diesel Stove/Oven
	Microwave
	No gas applicances.
Stove	1 oven
Refrigeration	1
Number of Freezers	1

Number of Sinks	1
Entertainment and Appliances Notes	TV and Radio
	BBQ + gas bottle
	Coffee pod machine and crockery and cutlery
Anchor / Winch	Muir Hydraulic
Bilge Pump	3 Pumps
Deck Gear	9 x Anderson
Mast/Rigging	Dyneema Rigging new in Sept 22 and last inspected 19/2/25.
Sail Inventory	Main, Genoa, Staysail (1 each)
Electrics	3000W Inverter
Electronics Navigation	Raymarine
Dinghy	Yes on Davits - Highfield with Suzuki outboard with 20hrs max
Covers	Helm, Hatches, Sail
	Fully enclosed sides for Bimini
	Cockpit cushions x 6
Safety Gear	Harness
Ground Tackle	40Kg Sarca Excell
Ice Maker	No
Watermaker / De-Sal	Spectra Cape Horn
GPS	Yes
Number of Fish Finders	no
Has Navigation Lights	yes
Radio	Hand held VHF
Number of Life Jackets	6
Remarks	Many extras -
	docking lines x 8
	various sizes and lengths of rope
	boat hooks x 2, fenders x 10
	some tools, Fender boards, pilot books, fishing rods x 3, winch handles x 5
Vessel Name	RUBICON
Anti-foul	July 2026
EGC Price	$1,050,000

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