

Joan Bell – Current Specifications

Hull and Deck

Hull constructed of Western Red Cedar, quick strip.
Epoxy Resin used throughout
High quality Epoxy sanding filler used below the waterline
Biaxial Glass 600gm external and 400gm internal with uni-glass in specified areas
Watertight bulkheads 3 meters from the bow and 2 metres from the stern
Additional watertight compartments below floors
Carbon Fibre chain plates
Walk through transoms, for easy boarding
Swim boarding ladder
Teak planking on boarding steps
Deck and Cabin top constructed of lightweight Nidaplast
Cockpit self draining
Targa bar
Non slip deck surface
Escape hatch in each hull – Weaver 451 * 321

Spars and Rigging

Aluminium mast and boom from Tasker Sails in Fremantle
Triple spreaders
7/16" cap shrouds.
5/16" Diamonds
Aluminium mast step with integral turning blocks for halyards
Lazy Jacks and mainsail cover for mainsail
2:1 main halyard
All sail handling lines lead back to the cockpit
Almasts Reefit headsail furler
Antal Series 40 mainsail luff track and hardware

Deck Hardware

2 Anderson 54 self tailing primary winches
Anderson 46 Mainsheet self tailing mainsheet winch
Anderson 26 Mainsheet traveller winch
Total of 9 Weaver hatches installed on deck
6 weaver fixed portlights installed in the hull, 2 opening portlights in the cockpit
Custom over the top blocks and organisers ensure free running of all lines

Sails

Hood Mainsail with 2 reefing points, fitted with clew blocks to ensure easy reefing.
Lazy Sail mainsail cover
Hood Furling Headsail
Asymmetric Spinnaker
Spinnaker Sock

Safety

Lifebuoy with light, stowed on targa bar for quick access
10 lifejackets
Offshore Flares
GME 406 Mhz EPIRB
Pastimo 135mm Magnetic Steering compass

Engines

2 Lombardini 30 hp saildrive diesels
2 blade folding propellers
Deluxe engine monitor, tacho, temperature, warning lights and alarm for oil and temperature
Separate fuel filter adjacent to the tanks
2 * 250 litre tanks
Fuel gauges

Steering

Hydrive hydraulic steering, high capacity 306 pump
36" stainless wheel
Emergency steering tillers for each rudder

Electrical

2 * 64watt Unisolar solar panels
3 * 150 amp AGM deep cycle batteries
2 * 80 amp starting batteries for engines
1 * 80 amp starting battery for generator
6 kva 240v TNT Generator in sound insulated cabinet
25amp Battery Charger
15amp 240v shore power
1800 watt inverter
AC outlets in each hull and saloon
Propane electric solenoid switch with 2 gas sensors
Propane solenoid warning light in galley
LED boarding lights
Steaming lights
Tricolour light
Anchor light
Compass light
2 Electric Bilge Pumps
Maxwell 1200 anchor winch

Electronics

ICOM VHF
ICOM Hand Held VHF
Navman Sailing Instrument package
 Wind speed and direction
 Boat Speed
 Depth
 Repeater Multi display at nav station
Eagle Fishfinder
TMQ Autopilot with hydraulic pump
JVC 16 mile RADAR
Furuno GP-32 GPS
Electronic Charting program
Toshiba Laptop

Galley

2 burner SMEG stove with glass top
SMEG oven and grill
320 litre fridge
100 litre ice box

Plumbing

Pressurised water system
Whale universal hi flow pressure pump
50 litre hot water tank
Separate 350 litre water tanks in each hull
Toilet in each hull, one TMC electric unit and one manual in ensuite
Separate shower compartment
Holding tanks in each hull for black and grey waste, each with own pumping system

Entertainment

JVC CD – Tuner, speakers in saloon and cockpit
34cm TV
DVD player.

Other Equipment

3.3m Quicksilver Inflatable and 4hp Yamaha
2 Boat fishing rods, various hand lines and fishing equipment
Stainless Steel BBQ mounted on Pulpit

General Specs

Design	Grainger Mystery Cove 420
Length	12.8m
Beam	6.8m
Draft	0.95m
Centreline to Centreline Beam	5.2m
BridgeDeck Clearance	0.85m
Wetted Area	33sqm
Righting Movement	18.2
Mast Ht	16.75m
Sail Area Main	61.3m
Sail Area headsail	36m
Spinnaker	130m
Displacement	7000kg
Payload	2300kg

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