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INSPECTION REPORT AND VALUATION

“THE BOAT”



Date of Inspection: 23rd June 2023

Vessel Description

Approximate dimensions:

NAME:	"The Boat"
HOME PORT:	Airlie Beach
LENGTH:	11.7 metres
BEAM:	4.9 metres
DRAFT:	2.00 metres
LIFT Tonne:	9 Tonnes (Approx)
AMSA Rego:	UVI 12344567 Exp. 4 January 2025 in class 2D
DESIGNER:	Seawind Catamarans and others
BUILD DATE:	2004
BUILDER:	Seawind Catamarans
PLACE:	Queensland
HIN NUMBER:	AUSWD1234567
OWNER/S:	Mr & Mrs Boat Owner
INSPECTED FOR:	Insurance purposes
ADDRESS:	14 Boat Survey Blvd., Boathaven, NSW 2000
DATE of INSPECTION:	23 rd June 2023
PLACE:	Shute Harbour hard stand
VESSEL:	Out of the water

Section 1 Construction

HULL:	Moulded GRP with cored topsides
Bow style:	Raked moulded
Transom style:	Open with moulded stairs
Single chine / Multi chine:	Round bilge
Hull colour & type of finish:	White polyurethane painted
Bulkheads:	Plywood and GRP as fitted
Watertight:	2
Non watertight:	2
Stringers:	GRP/ GRP tabbed to hull
Keelson:	N/A
Frames:	GRP as built
Floors:	GRP as built
Rub rail:	Alloy box section
Deck:	GRP with various cored sections
Deck beams:	Bulkhead tops forming deck supports
Deck colour:	White
Hull/Deck join:	Glued and laminated
Superstructure:	Moulded as part of deck moulding
Stem head fitting:	N/A
Cockpit style:	Open moulded
Cockpit drains:	Self-draining to transoms
Transom & side doors:	N/A
Windows / frames:	Glass in alloy frames
Ventilation:	Natural
Deck hatches:	Fitted
Handrails:	Stainless tube
Pulpit:	Stainless tube
Bases:	Stainless
Bulwark:	N/A
Mooring cleats:	Satisfactory
Duckboard:	As part of moulded transoms
Bimini:	Flybridge hard top with aft cockpit awning
Spray dodger:	N/A
Clear screens:	Fitted in good order

Section 2 Tanks

Fuel tanks & material:	2 x Stainless steel
Locations:	Under cabin sole aft
Filling points:	On deck each side
Fuel gauges:	Fitted
Total Capacity:	420 litres (2 x 210)
Water tanks & material:	S2 x stainless steel
Locations:	Under cabin sole fwd each side
Total Capacity:	500litres (2 x 250)
Other tanks:	As fitted
Holding tanks:	GRP black tank in port engine room
Hot Water Service	Approx. 40litres in starboard tiller flat (engine heated)

Section 3 Steering Equipment

Primary:	Single wheel at flybridge with hand steering to twin hydraulic rams (1 x each tiller head)
Secondary:	Engines and gearboxes
Rudder:	2 x Fabricated Stainless steel plate rudders

Section 4 Ground Tackle

Primary:	35Kg CQR type plough
Chain / Rope:	100m 10mm short link galvanised chain (shackled)
Secondary(s):	Not sighted
Spare chain / rode:	Warps
Windlass:	Quick HRC winch 12V
Remote switching:	On deck at winch
Condition comment:	Fair
Spurling condition:	Fair
Base mount condition:	Fair

Section 5 Accommodation

Focsl:	Storage in each hull forward
Deckhouse:	Table and saloon seating for 8
Working deck:	Cockpit with moulded seating
Soft furnishings:	Vinyl
Cabin numbers:	4, 1 forward and 1 aft in each hull
Head compartments:	1 port amidships

Section 6 Machinery

Make & Model & Hp:	2 x Yanmar 4JH4-TE 55KW
Number of cylinders:	4
Serial numbers:	Port E213647 Stb E12345
Engine hours:	Port 2759 Stb 355(new gauge fitted estimate 2800)
Cooling type:	Heat exchanged
Oil sump:	On correct level
Filters:	CAV type
Panel type:	OEM Yanmar
Alternator 12v or 24v:	12
Controller type & operation:	2 x Single lever dual cable
Gearbox Type:	ZF 25A 2.48:1
Serial Numbers	Port 21975765 Stb 43859530
Fuel lines:	Satisfactory
Tank vents:	To topsides
Paint condition & colour:	Grey in good order
Shafts	1.5" Stainless with castellated prop nuts
Propeller/s:	2 x 3 blade bronze fixed 540mm in good order
Anodes:	Shaft and hull
Refrigeration System:	12v sealed compressor units

Electrical Supply

Circuits:	12v DC and 240v AC
Source of high voltage/s:	Shore power and inverter
Switchboards:	Satisfactory
Fuse protected:	Fused and Breakers
Standard of wiring runs:	Satisfactory (some could use a tidy up)
Batteries:	Sealed lead acid
How many:	5
Size:	3 x N200 House and 2 x 90A/Hr Start
Banks:	2
Terminal ends:	Satisfactory
Box mounting:	Under saloon settee. No boxes fitted
Box venting:	To saloon space
Box lid:	Not fitted
Charger	Enerdrive E Power 12V 60A
Inverter	Powertech 12V 300W
Solar	3 Panels with Victron MPPT 100 – 30 Amp controller

Pumping Arrangements

Electrical submersible:	x 4
Manual:	x 2
Portable power pumps:	N/A
High water Alarm/s:	Fitted
Deck wash pump:	Not sighted
Fresh water:	12v Domestic
Macerators: Heads:	x 1 TMC at the toilet unit
Holding discharge:	Gravity dump from the holding tank

Section 7 Equipment

Lights:	Domestic and navigation (satisfactory)
Charts; Paper:	Sighted
Electronic 1:	As part of electronic plotting system
Tide Tables:	Sighted
Ships Manuals:	Sighted
Compass main steering:	Ritchie Binnacle mount
Clock / Barometer:	Fitted and provided
Radio HF:	N/A
Radio VHF:	GME G-Com
Multi Unit:	Raymarine Axiom 9
Chart Plotter:	Raymarine Axiom 9 with various functions, including: GPS Plotter Speed etc.
Depth:	Yes
Speed:	SOG only (paddle wheel not functional)
Tools and spares:	Various but not inventoried
Torches:	Yes
Boathook:	Yes
Dock lines:	Yes
Fenders:	Yes
Horn:	Yes
Binoculars:	Yes
Helm chair:	Yes x 1
Cooker	3 Burner LPG Gas Cook top Oven Grill

Section 8 Life Saving Appliances

Life jackets:	Full complement
Life raft:	Not fitted and N/A
Parachute flares:	x 3 Exp 10/24
Hand flares:	x 2 Exp 08/23
Smoke flares:	x 2 Exp 08/23
E.P.I.R.B:	Safety Alert 406 MHz
Stowage:	Saloon Bulkhead
BEE:	3EEC910D60FFBFF
S/N:	345678
AMSA Rego date:	Not sighted
Life Buoys:	x 2
Name & reflective tape:	Need some attention
Stowage:	Pushpits both sides
Line:	Fitted to one
MOB light:	Fitted
Code flags:	Some supplied
"V" sheet:	Sighted
First Aid Kit & Scale:	Sighted
Fog horn:	Sighted

Section 9 Fire Appliances

Extinguishers:	Fitted
Dry powder:	3 x 2.5Kg
All last serviced:	09/02/2023
Hose/s:	Not sighted
Fire blanket:	Sighted
Fire buckets:	Not sighted

Section 10 Dinghy and Outboard

Dinghy	2022 3.4m Highfield RIB NSW Rego XXX
Plate Data	Partially obscured ending 232981122
Outboard	2022 Yamaha CMH 15 15Hp 4 stroke
Serial Number	1234567
Trailer	2020 Dunbier 7.7
Rego / VIN	VIN 6FDDD333K1234567 NSW TH1234

SAMPLE

SURVEYORS COMMENTS:

- The vessel is a long-time charter vessel having worked in the industry for many years. In 2017 the vessel suffered significant damage during Tropical Cyclone Debbie. Professional repairs totaling \$86,000.00 were carried out to the vessel and 5 years on, the repairs are not externally visible and have held up well under continued commercial service.
- The vessel has a relatively new owner who is both a marine mechanic and commercial operator himself, and personally engaged with the vessel. The overall condition of the vessel will benefit from his input.
- The timber interior trim and cabin sole is showing its age and would benefit from some attention.
- Operationally, the vessel appears in condition fit to continue in its present service.
- The engine rooms could use cleaning but are not oily and overall the vessel does not smell.
- The vessel was only viewed out of the water and as such the engines were not observed running however oil sampled from the dipsticks appeared clean. The engines have relatively low hours and appear tidy.
- Propellers and running gear appear in good order.

Defects/Recommendations:

- The port rudder stock has some wear on the tiller and may require a new keyway. This is not urgent and poses no immediate threat to the vessel but should be addressed.
- The starboard tiller bolt connecting the tiller to the ram joint is loose and requires tightening
- There is one small blister on the inside of the starboard keel (about 20mm diameter). This is for information only and can be monitored at future slipping's.
- The antifouling is reasonably heavy and would benefit from grit blasting in the future.
- Small amounts of brackish water were drained from both forepeaks. The valves had not been swung in some time so I suggest there is no major leak but should be monitored.

SAMPLE

Valuation Details

In accordance with our inspection and consideration of the above vessel, we now put forward the following **MARKET VALUE** (excluding any licenses)

Between \$200,000.00 and \$230,000.00

The estimated break-up by section of the median valuation would be as follows:

Hull, fixtures and fittings	(Sections 1-5)	\$170,000.00
Machinery	(Section 6)	\$ 15,000.00
Equipment	(Sections 7-9)	\$ 30,000.00
Dinghy and outboard	(Section 10)	<u>\$ 15,000.00</u>
TOTAL		\$ 230,000.00

Please note that this opinion as to the vessel's market value does not take into account the effect of GST if it should be applicable in the event of a sale.

Disclaimer...

This report and valuation has been prepared for the person to whom it is directed and is confidential to that person and for no other purpose.

For the purposes of this report the vessel has been visually inspected for patent defects where practical both within and without. However, only a reasonable visual inspection has been conducted and unless specified herein no structural materials, machinery and/or equipment testing and/or sea trials have been carried out and inspection has not been made of reasonably inaccessible areas. No responsibility is accepted for latent or other defects not discovered on this basis.

Dimensions and scantlings detailed in this report are indications of size and location are not to be taken as specifications.

Satisfactory stability and freeboard cannot be assumed, and has not been determined by us. This remains the responsibility of the owner.

This report is NOT a certificate of seaworthiness or a guarantee of condition. No liability or responsibility is accepted for or to any third party who may use or rely upon the whole or any part of the contents of this report and valuation.

Signature

SAMPLE



The vessel has a new tender in excellent condition



Windows and glazing dry on the inside and in reasonable condition



Stainless steel work presents well considering age and service



New solar installation will assist battery management



Engine rooms would benefit from some cleaning and couplings require treatment / paint



Overall engine installations are tidy and appropriate



Forepeak valves should be swung regularly and checked for water.



Interior is generally tidy



Some areas of the interior showing age and wear

SAMPLE