

“M/Y TIATA”



CONDITION AND VALUATION REPORT

Oct 2023

Name of Vessel	“TIATA”
Owner	Southern Seas Investment
Type of Vessel	Motor Cruiser, Recreational private motor yacht
Designed & Built	R.A Norton & W.G Larsen
Year Built	1992 Brisbane, Queensland
Major Refits	2006/ 2012/ 2017/ 2020
Dimensions	LOA 19.40m x 5.50m Draft 1.85m
Class	Recreation, no more than 12 passengers within Harbor limits
Displacement:	61.6 Tonnes, by design
Gross	137.0 Tons
Hull Material:	Glass over Spotted Gum
Superstructure:	Glass over Spotted Gum

I Nigel Robertson, as the owner’s representative have attended on board the vessel many times over the years since 2017. Recently July 2023 to examine the vessels overall condition to establish its present seaworthy safety status and estimated current valuation.

The Undersigned report as follows

1. HULL

The hull is a twin screw, timber built fore and aft plank on timber frames carvel monohull, with two decks, centre/aft superstructure, duckboard aft, raked stern and transom stern.

The Hull was found to be in satisfactory condition.

Construction

Bulkheads	7 Transverse, not watertight
Main Deck	Caulked teak (worn but satisfactory)
Hull	Timber planks (satisfactory)
Painting	Topside (satisfactory) Regular touch ups Antifouling (Good) last done 2020
Scuppers	Freeing ports under side and aft bulwarks (Good)
Bulwarks	Main Deck and Bridge Deck (Some railings been replaced as some timber rot, but seem satisfactory) Port & Starboard side and transom gate (Good)
Hatches	Four hatches found to be in working order
Duckboard	Timber on Stainless steel and RHS frame (Good)
Port Holes	Nil
Windows	Tinted, sliding about superstructure. (Good)

2. WHEELHOUSE

Captains' accommodation located adjacent to wheelhouse. On inspection electronics and navigation equipment in working order.

ELECTRONICS, NAVIGATION and Equipment

GPS:	Furuno GP- 7000
Chart Plotter:	Furuno NavNet TZ touch T2T9/T214
Radar:	Koden MDC- 900
Autopilot:	AP4 TMG
Sounder:	Furuno colour LCD CH- 270
Sonar:	Furuno Interphase Forward looking sonar
VHF:	Furuno FM- 2610
VHF: 2	New GME DSG with Antenna March 2022

HF/MF Radio	Furuno FS- 1502
Rudder Indicator	TMQ
Compass	Yes
Torch	Numerous
Binoculars	Bushnell, 7 x 50
Horn/Whistle	Yes (working)
Navigation Lights	(working)
Charts	Electrical and hard copy
Tide Tables	Port Moresby 2022 to 2023

3. FIRE FIGHTING and SAFETY EQUIPMENT

Flares Hand 2x expiry 10/2025	Parachute 2x expiry 3/2025, Smoke 2x expiry 10/2025
EPIRB	406MHz MT600, NMSA Registration Nov 2021 Expiry 2031
Life Jackets	20x Coastal
Life Raft	12 man coastal with EPIRB and static release, Next service 11/2024
Tender	6-man 5m Tender with 50hp (Classed as a lifesaving raft)
Lifebuoys	2x Ring Type with Lanyard and MOB light
Fire Axe	Yes
First Aid	Yes
Vee Sheet	One
Fuel Shut off	Working
Fire Extinguishers	12month check and serviced done September 2023 1x 9L Foam, 1x 4.5kg ABE, 4x 2.5kg ABE, 3x 1.0kg ABE 2x new Fire Blanket

4. MACHINERY and ELECTRICAL

Engine room was found to be organised and clean with Bilges clean and free from oil.

The machinery and electrical were found to be well maintained and in a satisfactory condition with regular servicing undertaken by outside tradesman and crew.

Main Engines Gardiner 6-cylinder diesel. Hours July 2023 around 4,500 each
Oil samples done Cat Hastings Deering May 23. Samples found to have no issues.

Controls 2x Morse throttles with Console gauges

Stabilizers	Naiad Dynamics
Gears	2x Niigata, Reduction Ratio 2.97: 1
Generators	2 x Kubota 23k.v.a 3-phasw 415/240v 50Hz. Hours 2,500 each
Exhaust System	Dry up Flu (satisfactory)
Bow & Stern Thrusters	Vetus 12vt N120 batteries replaced May 23 (working)
Propellers	2x 3 blade bronze, 750mm diameter
Shafts	2x 100mm 316 SS though "P" and "V" brackets "Repacked 2020"
Rudders	2x Semi balanced
Steering Gear	Timber wheel to hydraulic pump, to rams and rudder stocks
Emergency Steering	N/A twin crew
Pumps	Bilge x2, Deck x1, Freshwater x1,
Bilge Alarm	Sound and warning light (Good working order)
Batteries	4x New Main engine start banks Sep 2022
Dive tank Compressor	Two x Bauer Kompressoren IK12.14 (90 – 420 bar), (working)
Water Maker	(working order)

ELECTRICAL INSTALLATION

415vt 3 phase shore power transformer with main electrical panel with 240vt distribution for the interior. Woods Neptune 24vt DC Battery charges with electrical panel for distribution to wheelhouse and emergency systems

2 x 200lt 240vt chest freezers on top deck

Air-condition throughout vessel run buy Bitzer 2.2kw compressor (Good working Order)

5. WATER and FUEL

Total Fuel	3,740 litres
Fresh Water	2,880 litres
Sullage	620 litres

6. ANCHOR and WARP

Anchors	2x Bruce 45kg
Cables	Chain (satisfactory)
Windlass	2x Vertical Drums/ Gypsies (satisfactory)
Equipment	Double anchor fairlead, 2x mooring bitts on foredeck, 6x mooring fairleads with numerous inflatable plastic fenders.

7. GALLEY&LAUNDRY

New Electrolux electric stove and oven, Panasonic Microwave, 3x150lt inbuilt compressor run fridges/chillers + 250lt built in Freezer and large dry store in lower deck crew area accommodation, also with Electrolux 9kg wash n dry system

8. ACCOMMODATION and VESSEL LAYOUT

Main Deck

- Main Salon
- Dining area 2x tables to sit 10
- 2x Guests cabins with shared en-suite bathroom
- Day head and shower
- Traditional aft deck sofa with dining table with access down to dive/swim platform.
- Access to engine room

Lower Decks

- Forward stairs from main deck down to 2 x double bunk guest cabins then on to master state room double bed and en-suite.
- Entrance from Aft main deck downstairs to crew accommodation with 3 bunks and en-suite also Dry storage area, built in 250 Lt freezer and laundry
- Mid-ship engine room arrangement

Upper Deck

- Traditional style stair way up from main deck up to wheelhouse and captain's cabin
- Large entertaining area aft with full walk access around wheelhouse with central stairs in front of wheelhouse for access down to bow and main deck.
- Partition aft space for tender and boat crane

9. CONDITION and SURVEY

The Vessel is classed as a "Pleasure Craft" is "an exempt ship" defined in the Merchant Shipping Act (Chapter 242) as: a vessel that is exclusively used for pleasure, Registration and Surveying is optional (Section 16(20& (3)).

**M/Y TIATA is kept to a survey standard with regards to Safety regulations and Seaworthiness.
The vessel only operates within Port Moresby harbor limits at any time.**

Last out of water inspection of below water line was carried out in **June 2020**.

10. Valuation

In the opinion of the Undersigned, the present Market Value of the vessel and equipment is:

BETWEEN \$300,000 and \$400,000 AUSTRALIAN DOLLARS

This report has been made after a superficial examination of the vessel, without opening and examining spaces which are not normally open and accessible. It has been made without prejudice and to the best of my knowledge and belief.

Nigel Robertson

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MCA Master of Yachts, AMSA Master<24m, AMSA Marine Engine Driver Class 1