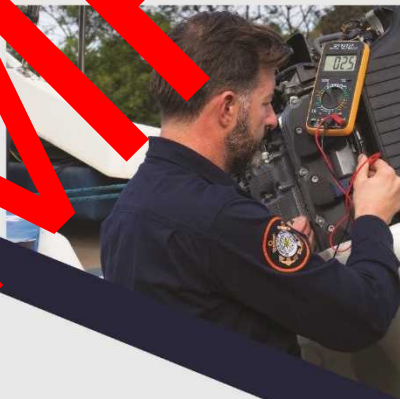




**SEAWORTHY  
INSPECTIONS**



**SAMPLE**

# Seaworthy Inspection Report

**Certificate of Seaworthiness #1111**



# Seaworthy Inspection Report

4 / 2 Access Way  
Carrum Downs Victoria 3201  
1300 462 883

booking@seaworthyinspections.com.au

Job # 1111  
22nd March 2022



Purpose of Inspection: **Purchase Inspection**

Name of inspector:  
**Michael F**

*Michael F*

This inspection was carried out at  
**Patterson Lakes Marina VIC. 3197**

If you have any questions regarding this report, please contact the inspector on the phone number listed.



## Overall Condition Summary

(1-Bad to 5-Excellent)

**Boat Rating** 4

**Hull Rating** 4

**Electrical Rating** 3

**Safety Rating** 3

**Motor Rating** 4

**Trailer Rating** NA

**SAMPLE**



# Seaworthy Inspection Report

## Introduction - Seaworthy Inspections Reports

Thank you for engaging Seaworthy Inspections to perform an inspection on your vessel.

Seaworthy inspections have a dedicated team of Marine Inspectors and Surveyors with many years of experience in the marine industry and all types of vessels.

Our primary purpose and goal is to make vessels safer and more reliable for the recreational boating community in Australia through our marine inspections' services.

With over 1,500 inspections completed, our inspections have assisted boat buyers and boat owners to be aware of the true condition of their vessels. By understanding any defects on the boat, boat buyers and owners can make informed decisions when purchasing a vessel or understanding what areas need attention to keep their vessel in prime operating condition before heading out on the water.

Safety and reliability should not be compromised at any time and put simply, **the lives of you and your loved ones are at stake!**

## **The Inspection Report**

We encourage you to take the time to read through the attached report with particular attention to any defects we have highlighted. It is important you do this prior to the briefing call you will receive from our Marine Inspector who will run through the findings of the report and give you the opportunity to ask any questions about the report. Please allow around **15 minutes** for this discussion with our Marine Inspector.

Seaworthy Inspections' support to you does not stop after the inspection is completed. We can provide you with a range of resources and ongoing services that are detailed below:

- Pre-purchase Inspections for all sizes of recreational vessels including powered vessels and yachts.
- Condition Reports for all sizes of recreational vessels including powered vessels and yachts. An annual inspection is highly recommended to keep your vessel in a safe and reliable condition.
- Insurance Reports that will enable you to insure or re-insure your vessel.
- Supply of Marine Batteries including quality lead/acid/calcium, AGM and deep cycle batteries and smart chargers.
- Informative Blogs and information to help you understand boat defect areas and ongoing maintenance requirements.
- Special offers and discounts on our services and marine products.
- Customer Referral Reward Programme

For further assistance, please do not hesitate to call our team on **1300 462 883**.

We thank you again for using our services for your boat inspection.



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Job # 1111  
22nd March 2022

Boat Identification    Stejcraft islander 580  
OB Rego: TJ 7437  
HIN: AUSTE05230I718



Hull Type    Fibreglass





### Steering

Type

**Mechanical**

Condition

**Requires Attention**

### Helm



### Ram Assembly



View Under the dash/Deck



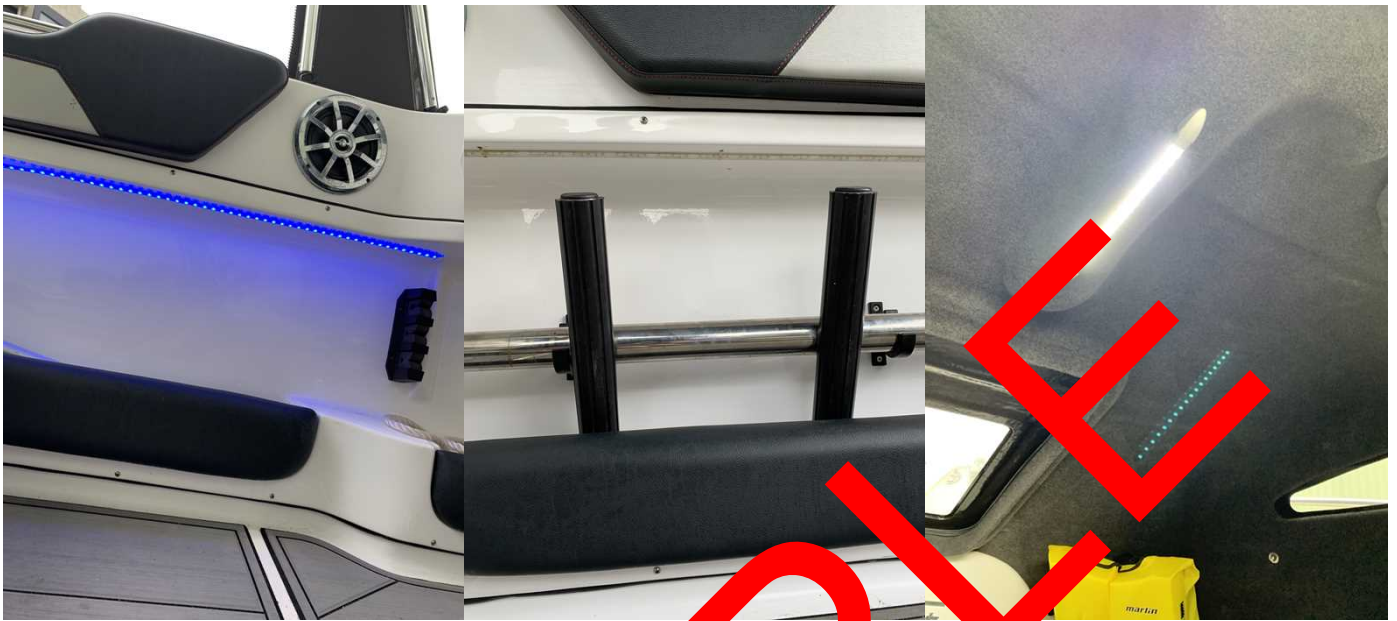
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**Dash Lighting**      **NA**

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**Cabin/Deck Lighting Condition**      **Requires Attention**  
**Portside deck lighting working only starboard side not**





**Windscreen**    **OK**

**Windscreen Wipers**    **NA**

**Bimini & Clears**    **OK**

 Clarity through Bimini and Clear covers is important for skipper visibility. Bimini construction need to fastened adequately to withstand vibration and wind.

**Doors & Latches**    **OK**

 The integrity of doors, hatches and their seals are vital to inhibit water intrusion. Latches, seals and hatch surface should monitor and maintained.

**Seats & Trim**    **Requires Attention**  
**Fair to good condition**



Rust pickle marks on rear seating left side.



### Floor Covering

Type      **Seadeck foam**  
Condition      **Requires Attention**  
Dirty - intact and stuck down well

Some rusty stains






# Seaworthiness Inspection Report HULL SECTION

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Signs of Corrosion **OK**

Hull Anode Corrosion **NA**

 The purpose of an anode is to protect the engine or hull from corrosion and is designed to be a sacrificial component. It should not be neglected and must be replaced when required.

Fuel Tanks & Restraints Condition **OK**

Water Tank Condition **Requires Attention**  
Bladder fitted, water on top of bladder

Internal Fittings & Cocks Condition

 Internal fittings, lines, hoses and through hull fittings are the most common point of failure for a hull breach. Regular inspection and maintenance of these items is important to avoid water leaks.

Internal Hoses & Lines Condition

Internal Hull Condition **OK**

Drains & Bungs Condition **OK**

Superstructure Condition **NA**

Mooring Ropes & Lines Condition **OK**

Cleats Condition **OK**


Rails & Stanchions Condition **OK**

Anchor, Chain & Rope Condition **OK**

 Ensure the anchor, chain, shackles and rope fitted to the boat are maintained and adequate for vessel size and sea conditions.



**Anti-Foul Condition** NA

 Antifoul paint is designed to protect the hull from barnacles and the adhesion of fouling. Antifoul would usually be ineffective on vessels kept out of the water for more than 2 months. Reapplication of antifoul paint is required at regular intervals to be effective.


**Seat Pedestals Condition** OK

**Wake Tower/Ski Pole Condition** NA

**Gunwale/Rubstrip Condition** Requires Attention

Chrome capping rubbing off in places

**Transom Condition & Rigidity** OK

 The strength and construction of a transom is vital to hull integrity and provides secure engine mounting to the hull. Transoms with a timber core should be monitored regularly for moisture ingress and structural rigidity.

**Keel Condition** OK

**Bow Eye Condition** OK

**Data Dot Condition** NA

**Overall Hull Condition**

Hull presented in good clean condition, no UV damage, minor scuffs from rollers on the underside, gunwale stripping chrome worn off in some places

**Port Hull defects, cracks, holes** Requires Attention

Minor spread on gunwale from impact

Stejcraft decal deteriorating

Abrasion on rear corner







**Starboard Hull defects, cracks, holes etc.**  
**Anchor drain vent squashed**  
**Scratches**

**Requires attention**





Deck defects, cracks, holes etc. OK



The rigidity of the floor and deck should support the intended payload (passengers and equipment) as per the manufacturers specification

Stern defects, cracks, holes etc.

**SAMPLE**

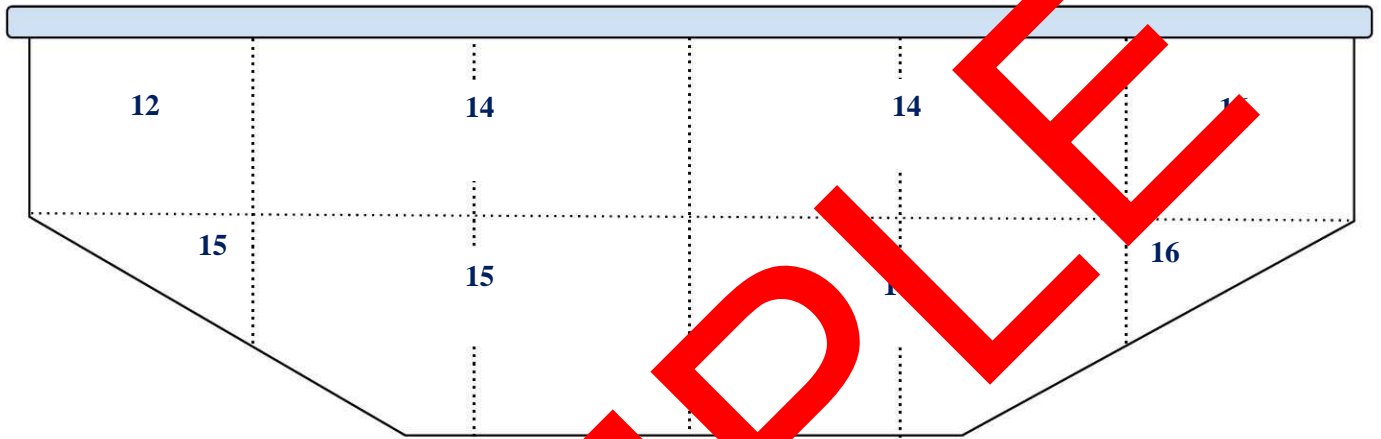


# Seaworthiness Inspection Report HULL SECTION

## Transom Moisture Content

Overall: **Low**

TRANSOM COMPARATIVE MOISTURE TEST %




**SAMPLE**

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## Engine Overall Visual Check **OK**

 A visual inspection of the engine may reveal signs of poor maintenance including: Oil leaks, fuel leaks, corrosion, water intrusion, electrical harness damage, spark plug lead and cap corrosion and hose degradation etc. A visual inspection of the engine should be routine prior to each voyage.





Engine Oil Visual Check **OK**

Engine Bay Leaks **Yes**  
Minor salt deposits

**Propeller/s**  
Construction **Stainless Steel**  
Pitch **18p RH**  
Condition **OK**

 Propeller condition and pitch of blades will greatly impact the running performance of the engine and vessel attitude.



Propeller Shaft Condition **OK**

Gearbox Condition **OK**

 Gearbox casing should be free from cracks, corrosions and damage. The gearbox oil should be in fair condition with no presence of water, which can reduce effective lubrication.

Gearbox Oil Visual Condition **NA**

Control Systems Condition **OK**

Indication Systems Condition **OK**



Accurate function of instruments are important for monitoring vessel systems. Ensure clear line of sight for visibility and clarity of the instrument from the helm position.

Indication system Hours of Operation **83.4**

Low



Engine Alarm Systems Condition **OK**

Electrical harnesses Condition **OK**

Engine Mounts Condition **OK**

Tilt & Trim Control Condition **OK**

Tilt & Trim Operation & Indication Condition **Requires Attention**

Oil temperature reading -21degrees

Engine external anode, Cowls & Covers Condition **OK**



The purpose of an anode is to protect the engine or hull from corrosion and is designed to be a sacrificial component. It should not be neglected and must be replaced when required.

Engine Compression Tests

High and good



Compression testing of engine cylinders can indicate the health of the engine internals including the





# Seaworthiness Inspection Report MOTOR SECTION

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Engine battery cables, terminals, switches Condition **OK**

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Engine Fuel filters Condition **OK**

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Engine Air filters Condition **NA**

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Engine Flame Arrestors Condition **NA**

**SAMPLE**






# Seaworthiness Inspection Report ELECTRICAL SECTION

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Job # 1111  
22nd March 2022

## Battery CCA Rating/s Starboard batt no.1 failed

 Batteries have the important role to start and run the engine and the vessel's essential electrical systems e.g. Navigation lights, Radio, GPS chart plotter etc. Batteries should be of marine grade construction as automotive batteries will not last in the harsh marine environment.

Rating: 1000 Tested: 763



Rating: 10 Tested: 763


**SAMPLE**



Rating:            Tested:

Isolator Condition    **OK**

Looms & harnesses Condition    **Requires Attention**  
Cabling requires tidying up behind the isolator.

 Electrical looms and harnesses have the important task of carrying signals and power to the vessel's essential systems. Ensure cabling and connection points are well sealed and fastened to avoid sheath degradation from vibration.


Communications Equipment Condition    **OK**

Antennas & mounts external Condition    **OK**

Antennas SWR Test **OK**

SWR Test Result    **4x5**

Navigation Equipment (fish finder, autopilot etc...) Condition    **OK**

 Navigation equipment provides safe passage information to the skipper and provides real-time information for effective navigation. Software and charting cards should be updated regularly to ensure equipment reliability and accuracy.

Software Versions **OK**

Navigation Lighting (Incl anchor light) operational condition **OK**

 Navigation lighting must comply with state marine regulations. They must be located correctly on the vessel and visible with adequate illumination to comply with these regulations.



General Lighting operational condition **OK**  
Cabin light only.


DC Outlet condition **OK**

AC Outlet condition **OK**

Charger and/or Inverter condition **NA**  
None

Horn condition **NA**

Bilge Pump condition **Requires Attention**  
Operates causing 27 MHz interference

 Bilge pumps have the important task of removing unwanted water from inside the hull. They should be tested by the skipper prior to every voyage as it is a key part of the boat's safety system.



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Float Switch condition **NA**

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Engine Room Ventilation condition **NA**

---

Other Pumps condition **Requires Attention**

**SAMPLE**



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### Life Jackets - Foam

 Life jackets are mandatory fitment to all vessels. An approved life jacket must be carried onboard for each person, and must suit their size and weight. Regular inspection and service of inflatable life jackets must.

Quantity **2**  
Condition **OK**



### Life Jackets - Inflatable

Quantity **0**  
Condition

### Flares

 The correct flares must be carried onboard depending on the voyage and distance offshore. Flares carried onboard must be within their expiry date.

Quantity (Packs) **1**  
Type **Inshore**  
Condition **OK**  
Expiry Dates **30/8/2023, ,**



### EPIRB / Distress Beacon

None

 An EPIRB must be carried onboard depending on the type and distance offshore. EPIRB battery has a limited lifespan, and must be within their expiry date.

Quantity                    0  
 Condition  
 Expiry Date/s            , ,

### Oars

**Rscommended**

Quantity  
 Condition

### Bailing Buckets

 Bailing Buckets must have an adequate lanyard (rope) fitted securely to the bucket.

Quantity                    1  
 Condition                    OK

SAMPLE



### Fire Extinguishers

 Fire extinguishers should be checked prior to each voyage for correct pressure. They must be adequate for purpose considering vessel size and fuel capacity. They should be placed in a location easily accessible from the helm.

Quantity	1
Condition	OK
Sizes	1.0,



Water Proof Flashlight Condition **NA**  
None