

# 1000T SLIPWAY AND SHIP REPAIR FACILITY



**AVI AVI  
MARINA**

SOLOMON ISLANDS

Avi Avi Marina is Solomon Islands largest slipway and one of the largest in the South Pacific region. Operating to international safety and environmental standards the facility is a one stop shop for all your vessel servicing needs.

The recently upgraded slipway and new workshop facilities make it the largest slipway and best appointed engineering workshop in the country. Managed by expatriate staff, the slipway performs above and below water works for all types of vessels.

Its client base include fishing fleets, commercial cargo vessels, logging barges, tug boats, landing crafts and passenger vessels.

The upgraded slipway 3 rail slipway is capable of handling vessels up to

- Capacity – 1000 Tonnes
- Vessel Length – 80 Metres
- Vessel Beam – 20 Metres
- Draft – 5.5 Metres



## IDEAL LOCATION IN SOUTH PACIFIC

Solomon Islands is ideally located in the centre of the South Pacific in close proximity to Vanuatu, Nauru, Fiji and Kiribati. This is ideal for commercial vessels and fleet owners who need to service their vessels to an international standard whilst minimising downtime and costs that would be incurred by travelling to much further alternative locations around the Pacific.

Avi Avi Marina is centrally located near Tulagi, which is only a 45 minute boat ride from Solomon Islands capital city Honiara. The area has deep protected waters making it extremely safe. Honiara is a large town with a wide range of services and supplies should they be required.



Marine balloon line system



Balloon line system in action



Upgraded three rail cradle



Depth of 14 metres

## HEAVY INDUSTRIAL ENGINEERING WORKSHOP

Avi Avi has invested in a fully equipped workshop to set the standard for quality and value in marine engineering within the South Pacific region. This enables the personnel to do a full range of work including

- Steel, fitting, machining
- Industrial structural fabrication and heavy machinery welding
- Service and repairs to propulsion systems
- Fitting and machining work to shafts, stern gear, engine room machinery and deck equipment

## EXPATRIATE MANAGEMENT MEETING INTERNATIONAL STANDARDS

Led by a team of expatriate professionals, Avi Avi Marina has a dedicated team of welders, boilermakers and engineers with extensive experience in a wide range of marine works to meet international standards and best practices.

## NEW BALLOON SLIPWAY CAPABILITY

In addition to the traditional 3 rail slipway, Avi Avi Marina has invested in specialized marine airbag balloons. This enables extremely large vessels to be slipped and is particularly suitable for dump barges and other flat bottom vessels.

## ENGINE, REPAIRS AND INSTALLATIONS

Capable of major inboard diesel engine and petrol engine repair and servicing.

## SPRAY PAINTING

Airless spray painting equipment to fully coat above and below works. Only high quality brands such as International and Jotun paints are used.

## HIGH PRESSURE WATER BLASTING AND SANDBLASTING CAPABILITIES

High pressure water blasting with 15,000 Psi capability enables ships to be professionally cleaned inside and out. The slipway also has sand blasting capabilities.

## MARINE ELECTRICAL AND REFRIGERATION

Marine electrical services, industrial electrical services, serving and repair of electrical generators, motors. Repair and maintenance of refrigeration equipment for fishing vessels

## CREW ACCOMMODATION

Avi Avi has accommodation facilities for crew to live in while their vessels are being serviced.



# Avi Avi Additional Info.

- We have more than twenty-four employees working on the slipway as of today, but we can hire at least total of forty-eight employees to work with us.
- For the last year, we already start performing our job on our newly build workshop.
- New office facilities that runs with expatrate.
- New inventory rooms are also now improved with two inventory clerk assigned to assist the worker man for providing the correct spare parts that the requires for each vessel.
- Enough machineries to perform heavy duty works for daily activities. Such as,

- **7 units of lathe machines**

a large class of lathes designed for precisely machining relatively hard materials.

- **2x milling**

Is used for rotary cutters to remove material from a workpiece by advancing in a direction at an angle with the axis of the tool.

- **4 x portable welding machines**

a constant current machine varies its output voltage to maintain a steady current while constant voltage machine will fluctuate its output current to maintain a set voltage.

- **10 units of normal machines**

- **2units of ally**

- **2 units line boring**

- **3 units hyd press**

Hydraulic presses are commonly used for forging, clinching, moulding, blanking, punching, deep drawing, and metal forming operations.

- **6 units sand blast**

The process of using a sandblast is to clean, grind, or decorate a surface.

- **1 unit hyd pipe bender**

A machine for bending brass, copper, or iron pipe for cooling-coils or radiators.

- **1unit large belt sander**

Belt sanders are used for removing non-ferrous metals, such as aluminum.

- **1 unit large bandsaw**

Bandsaws dedicated to industrial metal-cutting use.

- **1 unit slotting machine**

Slotting machines operate using a mounted blade in conjunction with a movable table that moves metal back and forth to create cuts and shapes. Shaping machines generally have a cutting tool that is mounted vertically.

- **4 units' big paint machine**  
A process occurs when paint is applied to an object through the use of an air-pressurized spray gun. The air gun has a nozzle, paint basin, and air compressor
- **3 units water blast**  
A process of removing surface deposits by applying fine glass beads at a high pressure without damaging the surface.
- **1unit large drilling**  
This device, usually motor-driven, fitted with an end cutting tool that is rotated with sufficient power either to create a hole or to enlarge an existing hole in a solid material.
- **1unit 20 ton crane**  
It is mainly used for lifting vessel pulling it on top to inspect and clean the underneath part of the ship.
- **2 unit excavators**  
We used this machinery to excavate or move large and heavy objects.
- **1unit loader**  
Mainly use for loading materials into trucks, laying pipe, clearing rubble, and digging.
- **1x large rip saw**  
Generally used for cutting in line with the grain.
- **1 unit cross saw**  
handsaw that cuts at right angles to the grain.
- **1unit wood planing**  
a stationary machine for planing wood.

# Photos of machineries on new Avi Avi Workshop





# Facilities











# MV Fair Glory



Vessel name: MV Fair Glory  
Length: 52.8mtr  
Breadth: -  
Depth: 3mtr  
Gross ton: 500mtr



# Power 88



Vessel name: Power 88  
Length: 41mtr  
Breadth: 7.6mtr  
Depth: 3.3mtr  
Gross ton: 292



# International Vessel



Vessel Name: MV Indie Traders

Length: 22.5m

Breadth: 5.4m

Depth: 1.8m

Gross tonnage: 95

## D Barge Coastal 42



Vessel name: DB Coastal 42

Length: 54.860mtr

Beam: 17.06mtr

Depth: 3.650mtr

Gross Ton: 977/Net Ton



# International Vessel



Vessel Name: MV Tobolar

Length: 32.4m

Breadth: 8.12m

Depth: 3.28m

Gross Tonnage: 315



Vessel Name: MV Rebuuk Ae

Length: 31m

Breadth: 7.62m

Depth: 2.6m

Gross Tonnage: 125



# Avi Avi Accommodation



# Raiders Hotel – Tulagi

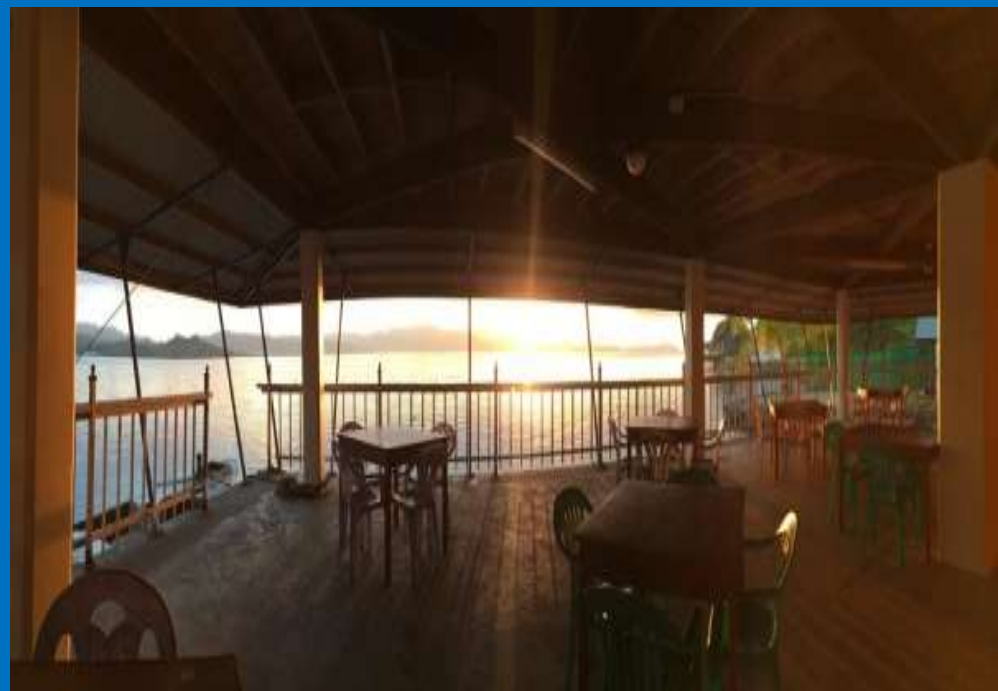
## Avi Avi Accomodation Facility



# Bedrooms



# Restaurant and Bar Area





**SAFE  
AFFORDABLE  
PROFESSIONAL SERVICE**

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