



# Flitch 'n Chips

Issue No. 221

November 2015



## Presidents Report

G'Day to all Fellow Woodies,

I mentioned in the last Flitch & Chips that Gerry & Valeri Zwart were stepping away from the very important Publicity role they have played in the Club for a long time. Trevor Jorgenson has stepped up to the plate (or should that be pitch?) to take on this role. Thanks Trevor. We have every confidence in you and the Management Committee is looking forward to working with you. One aspect of these type of roles in our organization that we want to cover is for members taking on these specialist positions to have back-up especially so they can have assistance when on holidays, illness. Any member wishing to help Trevor in this role would be made welcome. If you feel you would like to assist, please see me or any other member of the Management committee.

There has been a flurry of activity on the Shed roof this week as the Solar Power System has been installed. There are now 52 x 250Watt Solar panels on the roof capable of supplying up to 13Kw of 3 phase power for our use with the excess being sold to the grid.

One of the suggestions coming out of the Planning meeting in Montville was to extend the hours the Shed is open; i. e. open in the afternoon. We would like to trial one afternoon per week to gauge the effectiveness and demand. A notice will be placed on the notice board showing the days of the week and if interested, please place your name in the day/s you prefer. A decision will then be made on a trial if there is sufficient interest.

Included in this newsletter is the latest Timber Management Protocol for your information.

We seem to have a cleanliness problem in the Shed with some members leaving the floor around machines pretty dirty with sawdust etc. Usually, at the end of the morning, the Shed Captain is running around settling monies, counting etc. and we would ask members using the workshop to please assist with cleaning up after use. I am sure the Shed Captains and members the next day will be grateful.

At the meeting on Saturday, a decision was taken to re-instate the sale of small quantities of paint and thinners. The Painters, Dave and Max will sell 1 Litre quantities of these products to members at our cost. It may take a little while to set it up so we will advise you when it is available.

Glad to see Spike on the mend; please do not over do the recovery so take it easy Spike. Keep dowelling, dominoing, biscuiting, sawing, sanding and whatever else you love doing in wood. Looking forward to seeing you all at the Xmas party - starting at 5pm at the Shed and moving on to Flaxton Gardens at 6. Cheers,  
John.



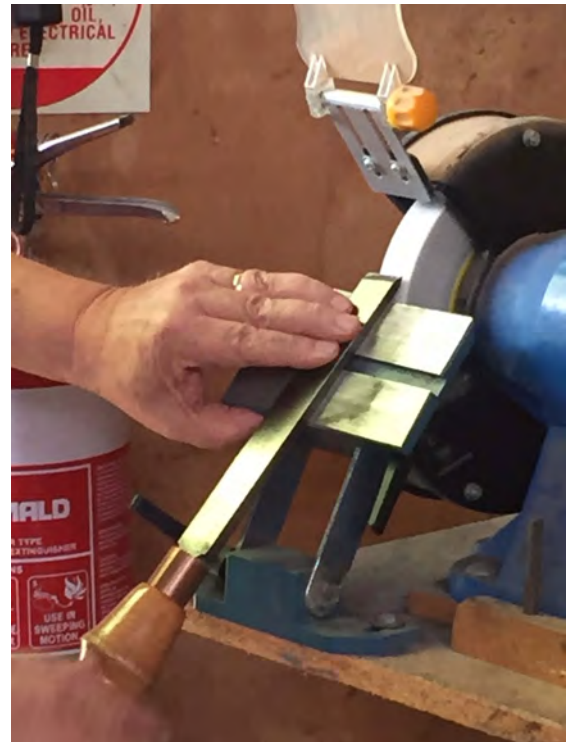
The raffle at our Santa Shop on Dec 5&6 will have first prize of a Camphor Laurel Blanket Box crafted by Graham Bradford

Second prize is a Lazy Susan produced by John Muller from 50,000 year old Swamp Kauri recovered from a swamp in New Zealand - with a band of Queensland Silver Ash.

Third prize is a Camphor Laurel Wriggle Basket and Cutting Board produced by Brian McTaggart.

Tickets will be \$2 each and the raffle will be drawn at 3pm on the Sunday.





Tony Haigh gave a well attended demonstration of "Lathe Tool Sharpening" with the emphasis on the standardisation of the sharpening of Club tools to maintain sharp working tools without the excess waste of steel required to return an incorrectly sharpened tool to a proper edge.



The only way to get 52 solar panels on to the Shed roof was carry them up one at a time!



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## Tips and Tricks

By Warne Wilson

In this golden age of electric-powered machinery, knowing the basics of handsaws, planes, chisels, and measuring and marking tools is an essential skill set that can add quality and personality to your work. However, using hand tools takes practice and patience, and there are a number of tips and techniques to help you through the learning process.

### Using chisels

The chisel is a versatile tool that can quickly remove big chunks of wood or delicately pare away thin shavings. Chisels are essential for cutting and fitting hand-cut joinery. They also come in handy for many other tasks in the Shed, from removing excess glue to trimming pegs and pins. Chisels vary in type depending on the work you are doing. Some have long, thin blades (ideal for delicate paring), while others feature short, stout blades designed to hog out waste and survive a heavy mallet blow. They must be sharp though, a blunt chisel is useless.

### Using handplanes

For hundreds of years, woodworkers have used the hand plane to prepare stock and furniture parts, and it still excels at preparing a finished surface. A handplane is essentially a reference edge that guides a blade across a surface. The wide variety of plane types available illustrates the variety of surfaces and profiles that a plane will cut. For example, a shoulder plane will trim a fat tenon or cut a rabbet into the edge of a board; a compass plane will smooth a curved surface; and a bench plane can produce a flat surface on a 10-ft. piece of rough timber. Knowing how to use a handplane also means knowing how to sharpen it and tune it up.

### Using handsaws

Handsaws range in size from the big toothed carpenter's saw, down to the dovetail saw, the tenon saw, the panel saw and these days the Japanese saw - a pull saw with a thin kerf and fine, keen teeth. In addition to size and handle variations, handsaws differ in how their teeth are set. Crosscut saws feature an alternating tooth pattern that scores the wood as it cuts, while rip saws have all their teeth in a line. The Japanese saw, used for similar tasks as Western-style saws, cuts on the pull stroke rather than the push stroke. Cutting straight and with control is a skill that comes with practice; unless you've mastered the technique, practice on scrap wood before you cut into the real thing.

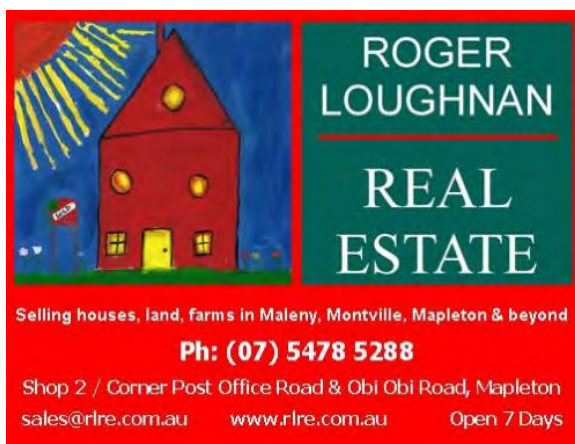
### The right time for hand tools

Many of the tasks traditionally accomplished exclusively with hand tools can be completed much more efficiently and quickly with power tools. The router alone has shaved hours off tedious edging and trimming operations. However, hand-tool skills can be a great complement to modern technology. Sometimes there is no faster option than using a backsaw to trim a tenon or a chisel to remove a clogged mortise. Sometimes, using a hand tool to complete an operation is just more enjoyable than setting up power tools.

## Maintenance Report

by Graham Bradford

- \*Cutter inserts on the Woodwhiz were rotated on two occasions.
- \*Cutter inserts on 380 mm thicknesser and the Jointer inspected.
- \*Finger clamps for the Hammer saw sliding table have been supplied, and should be used whenever practical, particularly for irregular shaped pieces.
- \*The Shop Vac cleaner is now operable and Shed Captains should encourage members in its use, especially around drills, bandsaws, and the router.
- \*Six replacement bandsaw blades have been supplied together with tooling for repair of broken blades in house.



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## Around The Shed



Bruce Chapman tries out the new Ozito Electric Chainsaw with surprising results



Sarah Odges turns a miniature Christmas tree.....and the result!



Garth Bowes appears to be growing a red beard from turning this beautiful Red Cedar bowl.



John Muller prepares blanks for Book Marks

And Tom Black puts on a brave face!!!!





### What should you do before using Club woodworking machines?

- ❑ Only use woodworking machines that you have been accredited to use properly and safely.
- ❑ Make sure you understand instructions before attempting to use any tool or machine. Ask the Shed Captain for the day if you have any doubts about doing the work safely.

### What safety procedures should you follow when using woodworking machines?

- ❑ Always wear safety glasses or goggles, or a face shield (with safety glasses or goggles).
- ❑ Wear hearing protection that is suitable for the level and frequency of the noise you are exposed to in the woodworking area. If you have trouble hearing someone speak from three feet away, the noise level from the machine is too high. Damage to hearing may occur.
- ❑ Wear good solid footwear in the Shed. Sandals, floppies and bare feet are totally banned because they offer no protection.
- ❑ Make sure the safety guard is in position, before operating any machine where a safety guard is installed. This applies especially to the saw tables AND don't forget to stand to one side, out of the line of danger if something happens.
- ❑ Check that keys and adjusting wrenches are removed from the machine before switching on.
- ❑ IMPORTANT REMINDER. Recycled timber, especially painted timber is not allowed in the Shed without permission of the Shed Captain. Metal, nails or screws may be lying under the surface undetected and can cause expensive damage; this may put a machine out of action for days – or weeks!
- ❑ Make sure that you know where the STOP button is before you start a machine. In the event of an emergency you should not have to be looking for the stop button.
- ❑ Turn the power off and unplug the power cord before inspecting, changing, cleaning, adjusting or repairing a blade or a machine. Use a "push stick" to push material into the cutting area.
- ❑ Clamp down and secure work pieces when routing or using hand power tools.
- ❑ Ensure that the floor space around the equipment is sufficient to enable you to machine the size of work piece being processed safely without bumping into other members or equipment.
- ❑ Use extension tables or roller supports for long workpieces. Supports should be placed on both sides (infeed and outfeed).
- ❑ Be aware of dust; it has been proven to be carcinogenic. Make sure the gate on the suction pipe is open before you start a machine. If you are sanding and making dust in the Shed, do not be surprised if you are asked to take it outside.

### What should you avoid when working with woodworking machines?

- ❑ Do not wear loose clothing, work gloves, neckties, rings, bracelets or other jewellery that can become entangled with moving parts.
- ❑ Avoid awkward operations and hand positions where a sudden slip could cause your hand to move into the cutting tool or blade.
- ❑ Do not remove sawdust or cuttings from the cutting head by hand while a machine is running. Use a stick or brush when the machine has stopped moving.
- ❑ Do not use compressed air to remove sawdust, turnings, etc. from machines or clothing.
- ❑ Do not leave machines running unattended. Do not leave a machine until the power is switched off and the machine comes to a complete stop.
- ❑ Do not try to free a stalled blade before turning the power off.
- ❑ Do not distract or startle an operator while he or she is using woodworking equipment.

**THINK**

**CARELESSNESS  
IS DANGEROUS**



The following excerpts appeared in the 1882 edition of The Illustrated Carpenter & Builder an English trade magazine.

**THE ILLUSTRATED  
CARPENTER AND BUILDER**

Vol. XI.—No. 272.  
Registered as a Newspaper.

FRIDAY, OCTOBER 20, 1882. [PRICE ONE PENNY.]

**ELECTRICITY** is the most stupendous force in nature, apparently active throughout the universe, the cause of the phenomena described as attraction, gravitation, and magnetism, and most probably of heat and light. It is incessantly active, and maintains, it would seem, the physical life of the world. Science can only appreciate some of its results, and apply it on a very limited scale to practical purposes; but knowledge of its adaptability is growing every day, and what a few years since was little more than material for brilliant laboratory experiments, or the production of scientific toys, is now becoming a gigantic motive power available for the service of practical science and the progress of civilization. Already it provides a means of instantaneous communication between portions of the earth's surface most remote from each other; it is gradually superseding all other methods of artificial illumination; and it promises to make steam obsolete as a motive power. What other aid it may give, we know not, and we scarcely dare conjecture, although it would seem that the most vivid imagination must fail to apprehend its possibilities.

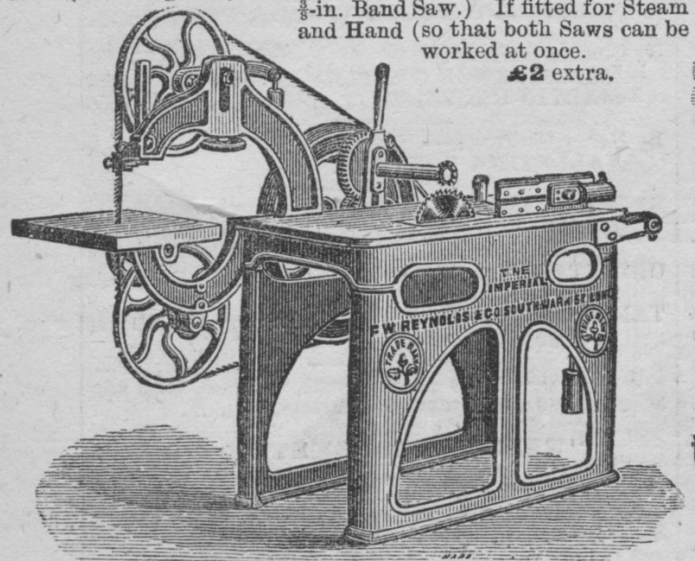
**THINK**

**AND START  
A TREND HERE**

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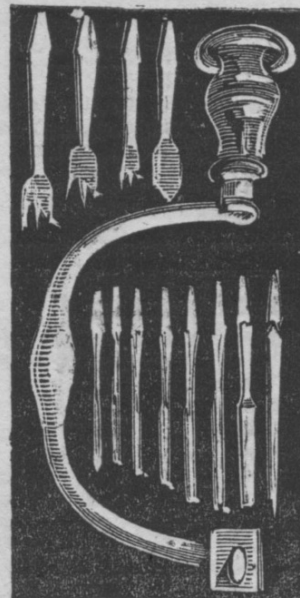
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## **BLACKALL RANGE WOODCRAFTER'S GUILD Inc.**

### **TIMBER MANAGEMENT PROTOCOL**

#### **INTRODUCTION:**

This document sets out the Timber Management requirements for the milling, drying, storage and sales of timber donated to the Guild. It is a guide for members to help them understand their obligations to assist the Timber Management Committee in supplying a good source of raw material for Guild usage.

#### **LOG ACCEPTANCE:**

Members are from time to time offered fallen logs for the Guild's use. Not all species and logs are acceptable and the following procedure should be adhered to:

1. Contact any member of the Timber Management Committee and advise them of the log/s available, the location and the owner's contact details.
2. The TMC member will arrange for inspection of the log/s and assess their suitability for Guild usage.
3. A decision will be made and the TMC member will arrange collection.

As a general rule the Guild will only accept logs on the basis of:

4. The species,
5. The quality of the log,
6. The size, being a minimum of 400 mm diameter and minimum of 1.2 M long. Ideally, Logs should not exceed 2.5 M in length.

**N.B. It is not uncommon for owners to request that they want the entire tree removed, including all the crown, branches and associated rubbish. As an organization, the Guild does not have the resources to do this and the gift of the logs may have to be declined in these cases.**

It is important to appreciate that all log inputs must be:

7. Approved by a TMC member;
8. Collection and timing of collection is to be approved and arranged by the TMC Member;

#### **MEMBERS OWN LOGS:**

The Guild's band saw mill is available for cutting member's logs and the following procedures should be adhered to:

9. Approval for milling should be obtained from the TMC and shall be supervised by a member of the Timber Management Committee.
10. The TMC shall then advise when to deliver the log/s;
11. On delivery, the member needs to identify their log with a plywood marker nailed to the end of the log. Such identification should include a) member's name, b) cutting specification required.
12. When the log is milled, the milling team will assemble the cut boards and notify the member.
13. The member should collect the sawn boards within a reasonable time from the Guild premises.

**N.B. It is important to note that the Guild is not responsible for**

- a) Unidentified logs (approval must be arranged before delivery)
- b) The Guild is not responsible for uncollected wood. If collection by the member is not practical, please arrange for a fellow member or friend to collect it.



14. If the member wishes to have the processed wood put through the kiln, then the parcel must be clearly identified. This may involve the member following this through with the Timber Flow Officer.
15. Milling members logs will be charged at the following rates, subject to change at the discretion of the TMC taking into account the species to be milled and the difficulty in milling:
  - a) Set up Fee \$5.00 and b) \$2.00 per metre of sawing.

#### DRYING, AIR AND KILN:

In drying timber to EMC (Equilibrium Moisture Content), several basic rules apply to obtain the best results. EMC is the moisture content that wood takes on when it is ready to be used and is stable. This can vary from 10 to 15% and will change with atmospheric conditions. Those basic rules are:

16. Green sawn timber should lose the free water in the cells slowly and air drying is best for this. A short period in air drying before kiln drying is beneficial.
17. Round-backs and fitches cut on the outer diameter of the log shall be dealt with on the day of milling by rejecting or milling for usable scantling boards/turning blanks.
18. Strip sticks used to separate the sawn boards should be of uniform thickness and 20 x 20 has been proven to be **ideal**.
19. Strip stick should be placed at a maximum of 400 mm apart and all directly above each other.

At about 28% MC, the sawn boards reach FSP (Fibre Saturation Point) which means it has lost all the free water from the cells and the remaining water is held in the fibres. At this point it is ideal to kiln dry the remaining water out to as close as can be achieved to EMC.

#### TIMBER SALES:

All Guild timber is available to be used by the members and the following procedures should be adhered to:

20. The Shed Captain should assist the member in the selection of the timber to be purchased and is responsible for the timber racks after the selection.
21. The Shed Captain shall measure and value the purchase based on the prices set by the TMC from time to time. The measurement shall be based on usable timber graded by the Shed Captain.
22. Permission must be obtained from the Shed Captain if a sale is to be made by docking a board or boards and returning the residual unwanted piece to the rack.
23. Timber is traditionally cut in varying thicknesses and boards sawn from green logs can be sawn oversize to allow for shrinkage to the usable sizes which are:

16, 25, 32, 38, 50, 75, 100, 125, 150, 175, 200 mm etc. there is a tolerance for dried sizes of roughly - 7.5% so as an example, a board with a minimum thickness of 47 mm would be sold as 50 mm.

24. End splits on boards should not be included in the length charges. Loose knots should also be excluded.
25. Sawn slabs of uneven width should be sold by calculating the average width of usable timber X minimum thickness.
26. The grade of the wood shall be at the discretion of the Shed Captain in agreement with the purchasing member.
27. Guild members are welcome to purchase timber from the BRWG for friends.
28. Prices for purchases by others shall have a 20% surcharge added to the base cubic metre price.



Shed Times 8.00 - 11.30	
Monday	General Activities
Tuesday	Turning & Carving
Wednesday	General Workshop & Toys
Thursday	Furniture & Joinery
Friday	General Activities
Saturday	General Act. & Demo's

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Patrons - Andrew Powell MP, Mark Jamieson - Mayor SCRC and Cr Jenny McKay		
President	John Muller	0418 871 946
Vice President	John Henderson	0481 339 814
Secretary	Graham Beaumont	0449 081 092
Asst. Secretary	Dave Edmond	5478 6932
Treasurer	Brian Harris	5445 7921
Asst. Treasurer	Lindsay Thomas	
Newsletter Editors	M Barranger, G Beaumont, T Jorgensen	0408 437 375
Website Editor	Dave Edmond	5478 6932
Publicity Officer	Trevor Jorgensen	
Recruitment Officers	Dave Banister, Lionel Tilley, Tom Black, Jeff Harrison, Frank McDonald	
Activity Officers	Ray Curry, John Drew, John Clarke, Warne Wilson Dave Banister, Keith Muirhead, Brian Harris, Max Barranger	
Safety Officers	Dave Banister, Warne Wilson	
First Aid Officer	John Drewe	
Events Organiser	Rick Vickers	0408 663 842
Shed Managers	Frank McDonald, Bruce Chapman(0422 927 032)	
Amenity Officer	Pat McDonald	
House Officer	Pat McDonald	
Purchasing Officer	Rob Otto	
Training Officer	Rob Otto	
Librarian	Brian Holdsworth, Max Barranger	
Timber Management	John Holland, Frank McDonald, Ron Donald, Phil Gibson	

### Shed Captain Roster - December 2015

Monday		Tuesday		Wednesday		Thursday		Friday		Saturday	
		1	Phil Gibson	2	Max Barranger	3	John Holland	4	George Blowers	5	John Henderson
7	Dave Banister	8	Tom Black	9	Leigh Boynton	10	Spike Bettega	11	Dave Edmond	12	Keith Muirhead
14	Brian Harris	15	Bruce Chapman	16	Rob Otto	17	Ray Bryant	18	John Muller	19	Graham Bradford
21	John Muller	22	Phil Gibson	23	Phil English	24	John Drewe	25	Santa Claus	26	Warne Wilson
28	Lionel Tilley	29	Tom Black	30	Hugh McKenna	31	John Holland				

### Shed Captain Roster - January 2016

Monday		Tuesday		Wednesday		Thursday		Friday		Saturday	
								1	NYD	2	John Henderson
4	Dave Banister	5	Bruce Chapman	6	Max Barranger	7	Spike Bettega	8	George Blowers	9	Keith Muirhead
11	Brian Harris	12	Phil Gibson	13	Leigh Boynton	14	Ray Bryant	15	Dave Edmond	16	Graham Bradford
18	John Muller	19	Frank McDonald	20	Rob Otto	21	John Drewe	22	John Muller	23	Warne Wilson
25	Lionel Tilley	26	Phil Gibson	27	Phil English	28	John Holland	29	George Blowers	30	John Henderson