



PRESIDENT'S REPORT

G'day all Woodies.

I feel the festive season is upon us. During my working life, the run-up to the Christmas break was always a period that felt like one had to "slow down", and get ready for that long break over Christmas, new year and the hot summer ahead. For me it was a time the factory was shut, customer complaints stopped and staff could relax with family and friends. I love Christmas and new year!

Again a reminder to all members to have plenty to sell at the Santa Shop this year. Hopefully the public will let the moths out of their purses and wallets and provide us woodies with a bit of extra spending money.

We recently had a professional woodturner, 'Robbo' Robertson from Victoria, provide tuition in woodturning at the club. The two days were advertised several times by email and on the notice board. Several members took advantage of this professional tuition, however this caused consternation to some other members who turned up on the day. To ensure members are informed and guests are treated with respect, please read your emails and check the notice board when you are in the shed. I know it gets pretty cluttered at times (great reason for a new shed), but it is the best way to keep abreast of happenings in the Club.

I have to say that professional tuition such as provided by Robbo can be invaluable. I attended on the Monday and even though I have been turning on and off for years, I picked up a couple of gems of turning tips that made the day worthwhile for me.

Whilst there are members who are more than willing to instruct and pass on their valuable skills, there are times when an opportunity presents for professional tuition, and members are able to enhance and expand the wide and varied skills the club has to offer. If you have ideas on this type of tuition needs, please let us know.

I mentioned to a Woodie recently that a piece of wood he had was "cupped" and not surprisingly, he did not understand my terminology. A lot of industries develop their own nomenclature of terms and descriptions for use in their specific industry and the timber industry is no different, hence a lot of strange terms not familiar to others are used. Cupping is a defect in timber caused by unrestrained drying and is prevalent in back sawn boards. In some species, it is more evident than others. It is measured on the concave surface as the maximum perpendicular distance of any point on the surface of the piece from a straight line joining the arrises of that surface.

When the Santa Shop is behind us, the Christmas function is the next big event for the Guild. You can get your tickets from the Shed Captains and please mark your table seating arrangements when you pay for the tickets. See you there.

To all Woodies not feeling the best, look after yourself, get well and keep creating in wood.

Cheers
John Muller

Maintenance Report *by Graham Bradford*

1. No. 2 Jet air cleaner dismantled due to failure of motor. New parts ordered. Unit now back in service. Filters on the other units serviced. New inner filter bags ordered.
2. New ¾" x 3 tpi bi metal blade fitted to Laguna bandsaw. Damaged blade repaired. Spare blades in stock.
3. Abrasive elements for sanders renewed as required.
4. Tailstock on Pen lathe repaired.
5. Vertical spindle sander out of service due to damage to main shaft by misuse. Currently sourcing replacement part at a cost of \$48. Out of service till end of November.
6. New Velcro backing pads fitted to 3 Bosch orbital sanders.

It is of concern when Guild machinery requires repair due to misuse. If you are unsure how a machine is operated, if abnormal force is needed to adjust or operate, or if there is an obvious fault, do not continue to operate it. Consult with the Shed Captain or a senior member. Treat our machinery with care. Ultimately it is everybody's money that pays for the repairs.

The abrasive machinery is one group that cops its share of abuse. Abrasive belts and discs must be cleaned regularly with the rubber stick during use, and left clean for the next user. An abrasive belt or disc that becomes clogged does not cut, and generates heat due to excessive friction which further embeds the resinous deposits into the surface, and causes over heating of the glued joint on belts which fail prematurely.

Often an orbital sander Velcro backing plate is damaged due to use without fitting of a sander disc. Incredible but true.

The following are our costs of common consumable items :

Drum Sander abrasive belt.	27.00
300 mm abrasive disc	10.00
Velcro backing plate for Orbital sander	35.00
Replaceable Velcro discs	9.00
Linisher abrasive belt	28.00
Laguna bandsaw bi metal blade	58.00
Laguna bandsaw carbon steel blade	37.00
Wadkin bandsaw blade	98.00
Hammer Saw blade	127.00
Resharpen router bits ea.	10.00
Replacement Jet air filter bags set	104.00
Epoxy adhesive 500 ml.	68.00

We must all be more diligent in keeping the Shed tidy. Of particular concern are areas around the Wood Whiz, drilling machines, band saws, mitre saws and thicknessers. Clean up your mess after finishing a job and return machinery to normal settings. Leave bench tops clean, put power tools away and discard all wood offcuts.

G. Bradford Shed Manager

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Tips and Tricks

by Warne Wilson



How to cut plywood without tear out

Part of the woody's experience is to occasionally use plywood. Great idea! Just cut it to size and fit it in. "Aw, I've ruined the edge, it's all splintered, I will have to bog it and sand it back". But plywood can be cut without splintering. Different machines and tools cut in different ways and here are some tips:

Cutting plywood with a jigsaw

The problem with using a jigsaw for plywood is the blade. The blades which come with the jigsaw are usually too aggressive, get hold of an 18 Teeth Per Inch blade. Festool has one for wood but it would be worth trying an 18 TPI metal cutting blade, obviously slow but tear out will be very much reduced.

If you carve into the line using a Stanley knife and a ruler and cut to that, tear out will be eliminated. Another way is to lay tape, mark it, and cut through the tape.

Cutting plywood with a table saw

Firstly, use a blade with at least 80 teeth, the more teeth the better. Irwin tools have a special plywood cutting blade with 180 teeth and if you are cutting plywood on a continuing basis this would be a worth while investment. Make sure your saw blade is sharp, if it is not, tear out will follow. Also, make sure the blade is free of resin; the blade will not cut cleanly if it is not clean itself. Fit a zero clearance insert to support the plywood close to the cut. When the blade exits the ply it can break out causing more damage, to avoid this, support the edge with a sacrificial piece of wood as a push stick. Tape can be laid along the cut line as with the jigsaw above.

Cutting plywood with hand held power saw

For this as above use a blade with at least 80 teeth and think about getting a blade with 140 teeth to use with plywood. Because a power saw cuts upward put the side which will be visible down because tear out will occur on the upside. A reliable way is to clamp a straight edge to the work to guide the saw exactly along the cut line, and then do a score cut with the saw about 2mm deep before doing a second cut to part the ply.

Cutting plywood with a hand saw

Choose a saw with 12 Points per Inch. Make sure it is sharp of course and don't rush it, take your time with light slow strokes and with care you can achieve very good results.



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Safety Notes *by Warne Wilson and Dave Banister*



A couple of incidents with lathes during the last month:

In one instance the operator did not secure the tailstock, the live centre crept back, and the item being turned became a missile. The operator was not hurt but there is a lesson here; make sure your workpiece is gripped securely, start the lathe at low speed, and stand to one side as you increase the speed. An important safety check is to stop the lathe after the first cut and double check that the piece is fully secure. Live centres and drive dogs are renowned for digging in and loosening under turning pressure and vibration.

In the second instance a minor injury was sustained. In this case the workpiece worked loose in the chuck. Please make sure the workpiece is secure, and again, stop the lathe and check, particularly after the first few minutes.

And an annoyance which crops up repeatedly: We remind everyone that the spindle of the oscillating spindle sander has a LEFT HAND THREAD. Every now and again someone tries to change the spindle thinking it is held by an ordinary thread. When the spindle does not budge, more and more force is applied until the spindle binds on the thread and cannot be released. In one instance all efforts to release it failed and new parts had to be sourced and fitted. A lesson which must be understood about all of our machines – force must not be used on any machine – if you discover a problem report it! Graham Bradford our machinery maintenance officer will take it in hand.

And lastly, a Shed captain reported that he found scrap wood and general mess on all of the benches. This is a safety matter as well as being a matter of pride in keeping our shed ship shape. We are constantly on the alert for trip hazards, and shed captains should not have to clean up mess from previous days.

From time to time, members have been observed cross cutting on table saws, either free-hand, or using the fence. Free-hand is extremely dangerous and should not be attempted. If using the fence, the distance from the blade to the fence must not exceed the dimension against the fence. That is, if the piece is 200 mm wide and 800 mm long, DO NOT reduce the length on a table saw by placing the 200 mm against the fence.

Club Events Calendar *from Rick Vickers*



Final reminder that the Christmas Dinner is Friday 9 December at Flaxton Gardens, 6 for 6.30 pm start. Tickets at the amazing price of \$25 per person (how do they do it so cheaply; oh, that's right, the Club helps) are on sale at the shed (you MUST see the Shed Captain), until 30 November (ie, not long to go), as the final numbers have to be provided to the caterers.

As the Club chases it's target to build the new shed, fund raising is foremost in considerations. As the saying goes, there is no such thing as a free lunch, and the same can be said for Christmas dinner.

The Fine Woodworking Complete Illustrated Guide to Woodworking, comprising 10 books with over 3,000 pages and 8,000 photos on one CD, has been donated to raffle at the dinner. So make sure you bring plenty of those red notes, or even the gold ones would be nice, and buy up big to have the chance to win this great prize, valued at US\$200.

Also, do not forget Santa Shop, 3 & 4 December. Make sure you have plenty of your items ready for sale, and if you have more than a couple of any one thing, do one for the Club as a fundraiser. Below are the raffle prizes.



Looking for something to do on Australia Day?

Come to the 4th annual Hinterland Aussie Day Expo, and find out what your community is doing.

When: 26 January 2017 **Where:** Maleny Showground

Blackall Range Woodies will have a stall, so mark your diary now to volunteer for a demo, 'sell' the club to the rest of the community, find out what people think of our Guild.

The events include :

- **7.00 am Apex Big Breakfast for the community**
- **7.50 am Flag Raising Ceremony at the TS Centaur Building**
- **8.00 to 8.30 am New Citizenship Ceremony**
- **8.30 to 12.30 pm Hinterland Sport & Recreation Expo**

Any questions, call Rick Vickers, Chair, Organising Committee

54943555 / 0408 663 842 hinterlandaussieday@gmail.com

Around the Shed



As the Prayer Kneelers have now been completed, we are seeking expressions of interest from skilful carvers to undertake the next project, Prayer Nuts. If you think you fit the bill (see the example below), please raise your right arm.

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Incredible, tiny Prayer Nuts were carved in the 16th century, not from nuts, but from wood, to look like walnuts. They were produced mainly in northern Europe, however, due to the incredible skill required to make them, they were mainly for the wealthy, and were a symbol of the person's faith, but also a status symbol. So who is up for the challenge ?

When the nut opens, the first things you see are panels carved with various religious scenes. These vary based on the prayer nut, and might be dedicated to a certain saint, religious event, or type of prayer. The one above shows the Annunciation scene on the bottom, and around the images, you can see the prayer passages carved in.



The mallet course has also concluded, and Philippa proudly displays her mallet, made with her own hands (and the jointer, thicknesser, table saw, mitre saw, bandsaw, router, belt sander, orbital sander, Japanese saw, oh, you get the idea !)



All those years at the club, and Keith is just getting around to making his tool box



But wait. Is it a tool box or a jewellery case, or just for VERY nice tools ?



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'Robbo' Robertson came all the way from Victoria to tutor the lucky members who attended his classes 14 & 15 November. Those who attended were glowing in their praise of his expertise, and how much they learned.

Thank you 'Robbo' !



As a Guild, education is very important, however it must be correctly targeted, and we need to know if it is effective and what the members need, so feedback is essential. Following are some comments from attendees :

"I found Robbo to be a very informative and useful resource. He was excellent at allowing us to learn on our own with assistance rather than doing it for us. His explanations were clear and easily acceptable. I enjoyed his visit and believe he was an excellent compliment to what Ivan already offers to members."

I found this course to be very helpful and informative. There was an emphasis on safety and safety gear and the tuition day was very helpful in giving a neophyte turner some understanding of the tools and how to use them. I would be interested in learning to sharpen properly and getting involved in the sharpening of the tools for the new boxed tools to be given to members to use.

The Club is blessed with benefactors, and one of the most recent has been Rod & Jo Eccles of Beerwah business, TFM Awards, who donated 4 beautiful silky oak trees for milling. TFM Awards has recently installed a new laser engraving machine, used for engraving, etching, marking and cutting timber, laminates, perspex, leather, paper, glass, trophies, stainless steel and aluminium. They are also professional picture framers and medal mounters. So if you need any of those services, please support those who support us, and call Rod or Jo at 5494 0974.



Vicmarc is a business located in Clontarf, which designs and builds high quality lathe, and now, sharpening, equipment. It was established 32 years ago by Victor (above) and his son Marco, and as much as is possible is manufactured locally. When they started, there were 14 Australian manufacturers, and they are the only one left standing. Commonly within months of introducing a new product, the intellectual property is stolen, and copies flood the market. So the only way to maintain their edge is by innovation.

Victor very kindly offered to demonstrate their sharpening equipment at the shed Saturday 19 November, and came straight from the international airport to the shed.

If you like to buy Australian, and support those who support the club, and you need any lathe or sharpening equipment, be sure to call Marco on 3284 3103. There is a catalogue at the shed.

Fair Work had a complaint a small woodworking shop owner was not paying proper wages to his staff and sent an investigator to interview him.

"I need a list of your employees and how much you pay them," demanded the investigator.

"Well, there's Jake my finisher who's been with me for 3 years, I pay him \$900 a week. The apprentice Tom has been here for 6 months, and I pay him \$500 a week.

Then there's the half-wit that works here about 18 hours a day. He makes \$10 a week and I buy him a case of beer every Friday," replied the owner.

"That's the guy I want to talk to; the half-wit," says the investigator.

The owner says, "That would be me."

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Timber Tales by Bruce Chapman

We have a good supply of camphor laurel, good coloured silky oak, Japanese maple, Dutch elm and black wattle timber waiting to be milled..

Thanks to Ted the mill has undergone a few improvements. A guard now protects the rubber on the drive wheel and the guides have been adjusted, giving straighter cuts. The rubbers have been vulcanised on the wheels.

The kiln has recently been emptied. There is a supply of good silky oak and camphor laurel in the timber racks for sale. The camphor laurel has some very good colour.

We are hopeful that this load of timber is more stable. This time we unloaded the timber onto the floor and let it sit for a couple of weeks before moving it to the racks for sale. This is to reduce the moisture gradient between the outside and inside of the timber.

While dry, we were finding a high gradient directly from the kiln, being a 12 point difference between the inside and outside of the boards. By resting the timber, this came down to a 4 point difference with the centre dryer then the outside. We will continue this in the future, so when the kiln is emptied expect to see a pile of timber on the floor out back with the "not for sale" sign.

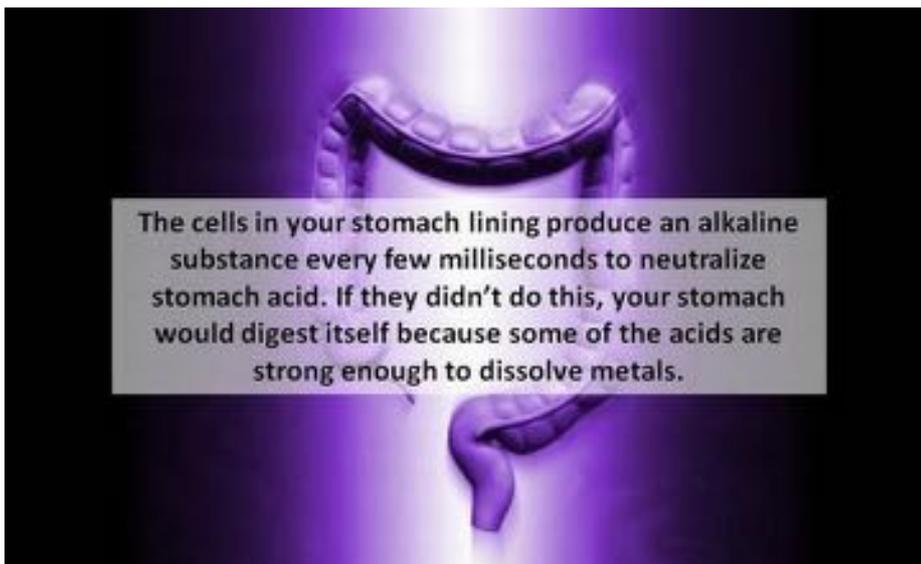
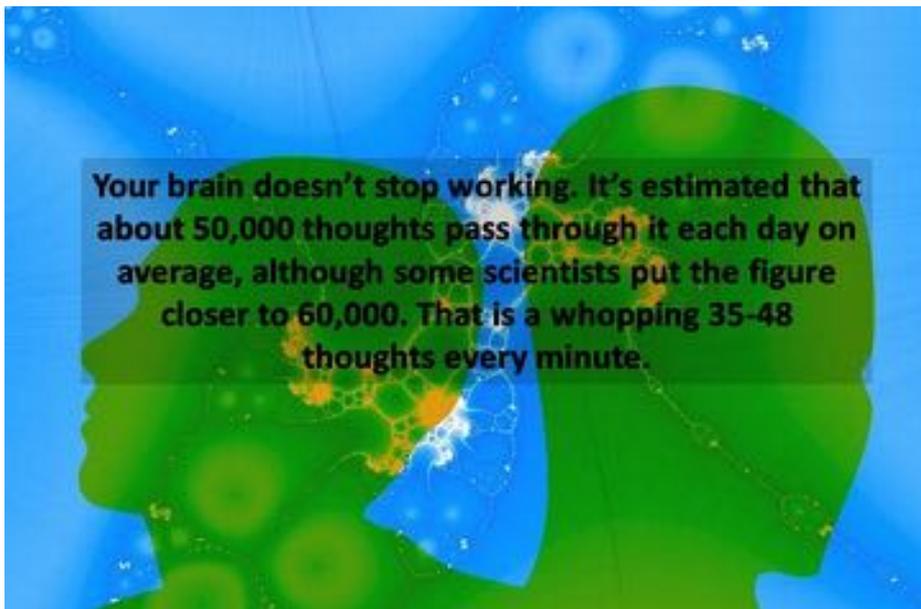
It will be available within a couple of weeks. Please leave this area clear for the timber.

We are now achieving a better quality of timber for sale, which is dimensioned, without natural edges, thereby making it easier to estimate quantities.

The timber is very competitively priced, which is only achieved by the hard work of the Timber Team securing logs, milling and drying them.

Did you know ????

The Scientists don't say what qualifies as a thought. Does, " I wonder where my keys are ", count ?





Did you know trees get mumps ? Well, Lorraine Muller thought so, and we thank her for sharing President John's passion for timber



So what is the answer to the age old questions, "how many clamps do you need in your workshop ?".

It has been scientifically proven (the evidence is clear in the photo), that too many is never enough !

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
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Safety Officers	Dave Banister, Warne Wilson	
First Aid Officer	John Drewe	
Events Organiser	Rick Vickers	0408 663 842
Shed Managers	Graham Bradford, Bruce Chapman(0422 927 032)	
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House Officer	Jan Clements	
Purchasing Officer	Rob Otto	
Training Officers	Sarah Odgers, Nigel Cundy	
Librarian	Brian Holdsworth	
Recruitment Officers	Dave Banister, Lionel Tilley, Tom Black, Jeff Harrison, Dave Edmond.	
Activity Officers	Ray Curry, John Drew, John Clarke, Warne Wilson Dave Banister, Keith Muirhead, Brian Harris, Max Barrenger	



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

