



By Hand and Eye

WORKING WITH WOOD SHOW 2nd - 4th JUNE 2006

See the report on the Guild activity and stand. See page 12 for details

This is the first B H & E which will not be posted to members, excepting those interstate or overseas. Please make sure that members who do not attend meetings receive one. Take one for a person interested in joining the Guild

By Hand & Eye is published bi-monthly and is the official Newsletter of the Sydney Woodturners Guild Inc. Views expressed in this publication are not necessarily those of the Guild or the Editor.

DEADLINE FOR ISSUE 4-2006 : 20th July 2006

Submissions: Email: sheans@bigpond.net.au or Bill_Shean@aas.kaz.com.au

Tel: 024684 3146 or 0417277782 for more information

Original photographs will be returned automatically. Other material will be returned if requested.

Material can be hand written or prepared in Microsoft Word format.

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NEWSLETTER OF THE SYDNEY WOODTURNERS GUILD INC.

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SYDNEY WOODTURNERS GUILD Inc

COMMITTEE MEMBERS 2005/2006

Regional Conveners

Barry Belford	9771 4122	President	Bankstown	Kevin Santwyk	9644 8366
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Warren Rankin	9600 8061	Secretary	Hawkesbury	Ivan Holley	4571 1297
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Bart Galea	9667 2726	Eastern #	Menai	Bill Black	9541 2405
Ivan Holley	4571 1297	Hawkesbury #	Peninsular	Jack Butler	9999 4290
Greg Croker	9498 2350	Hornsby #	Southern	Fred Warr	9520 9401
John Jewell	9601 2610	MacArthur #	Southern Highlands	Peter Herbert	4872 1419
Keith Worsley	9528 6848	Menai #	Western & Lower		
Alex Bendeli	9416 1976	Peninsular #	Blue Mountains	Bob Jarvis	9622 2741
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Bill Shean	0246 8343146	Southern Highlands#			
Ian O'Connor		Western & Lower Bl Mtns			
# Indicates Regional Representative for respective region					

Life Membership – Peter Herbert

At the General Meeting on 2 June, before an audience of approximately 300 members, Barry Belford awarded Life Membership to Peter Herbert. Following is the announcement made as part of the Awards Ceremony.



Peter Herbert was one of the founding members of the Southern Highlands Region. In September 1994 a group of 3 members applied for membership of the Sydney Woodturners Guild with a request to form the Southern Highlands Region. With only 3 applicants, there were insufficient members to meet the Guild's rules that each region nominate 5 office bearers ie the Convener, Treasurer, Regional Rep., Secretary and Committee Member. So to get around the rules, Peter took up two positions, that of Regional Convener and also Regional Rep.

It was only a year or so later that John Page took over the Convener's role from Peter. But the Regional Rep. role was one Peter filled continuously until he became first Guild Vice-President and then Guild President, a role he only relinquished in February of this year. In that time, Peter has served on the Guild Committee continuously from September 1994 until February 2006, a period of service only exceeded by one other member, Life Member Doug Midgeley.

At the same time, he has been a constant component of the life of the Southern Highlands. Always present at any function, activity or demonstration. Every group has a small batch of people who seem to be there for whenever something needs doing. In the Highlands, Peter is one of those.

As well as his local activities, Peter is well known around the other Regions. He is also a regular attendee of the Southern Region and tries to make it to most of the maxi-days.

An inspiration to the younger members, always ready with advice and guidance, a smile and a joke, a serious note when needed – but acting as one of the key anchors of the Region. When he eventually moves to Queensland to be closer to his family, he will be a person impossible to replace.

But in his time as Guild Rep., Vice President and President, he has truly fulfilled all the requirements to be awarded a Life Membership of the Sydney Woodturners Guild.

EDITORIAL

Bill Shean

To use Chris Dunn's words from the last Edition - "So far so good".

There are a few reports from a few Regions and I've managed to collect a few articles. But in all honesty, unless you contribute, and by you I mean "YOU!!!!!!!!!!" then By Hand & Eye will not be relevant to most of you. I'm used to being the Editor for the local paper for the Southern Highlands where I have a simple philosophy, mention every one and show their photograph. But of the regional news I received from three regions, other than my own report, only one sent photos of Show and Tell.

And surely that should be a biggie, photos of our Show and Tell items so that someone who was not at the meeting sees that little idea and goes away and has a go at it. So my challenge to you is—photos!!!!!!!!!!

Every one of you will make something in the next few weeks. Be it a bowl, a bowl that you go through the bottom of, a knife handle, a candlestick, a carved surface on a turned object, something you paint or something you have a problem with or something that you had to design a special widget to complete the job.

Write about it, take a photo or two, or get one of your mates to write it or take the photo. See the article on Jack' shed written by his mate. Because there will be one of our members somewhere, who needs that little bit of inspiration or help. And we are our own greatest teachers. Every thing I know, someone else told me.

Finally, this is a new layout for By Hand & Eye as well as a new delivery method. I welcome all feedback, but don't just tell me it is good or bad, tell me why. Tell me what got your attention, what bored you to death. And then go and write something for me that won't bore you to death.

Finally, again. By the time the next edition is due, we should know the date of when we will be voting on the next step of the incorporation issue. Be sure when you vote that you understand what it means for you, your Region and the Guild. Too many untruths have been told, too much is unknown to most people and there are too many personal agendas (mine included) around and only the loudest have been given a voice. So make sure you understand, make sure you turn up for the vote because if you do not, then you will get what you deserve.

Keep the shavings flying and enjoy the process. John Jordan's favourite saying is: "Nothing will improve your turning, like turning."

PRESIDENTS MESSAGE

By the time you read this message, Peter Herbert will have been presented with life membership of the Guild. This is an honour richly deserved for Peter's long and dedicated service to the Guild and to Southern Highlands Region, congratulations Peter.

The Timber & working with Wood Show will also have come and gone. I would like to thank Clive Hales, and those from the regions who helped out, for taking over at late notice to organise the Guild stand. We will need feedback from each region regarding what they thought was good, what they thought was not so good, and what THEY can do to make next years better. Many hands make light work.

Because of some problems experienced with By Hand and Eye, membership renewal has crept up on us. Don't forget you need to be financial by the end of July or you will lose your number and have to reapply for membership.

As you were notified in the last B H & E, it was the last in that format and the last to be posted to you. In future you can pick up your copy from your Regional Representative or provide the editor with a self-addressed envelope.

Bill Shean has been good enough to take over as editor but would love to receive reports or articles from the regions. Remember, if we are not prepared to help Bill by contributing we are the ones missing out.

I hope you are having fun making shavings
Barry Belford.

TURNFEST 2006 by Peter Herbert

This event was organised by David Drescher of S/E Qld. Woodturning Supplies Slacks Creek Qld. and was held at The Kooralbyn Resort Kooralbyn Qld. over the weekend 30/31 Mar and 01 Apr 06.

Woodturning Demonstrators were.

Hans Weisflog	Germany	Jacob Weisflog	Germany	Kip Christenson	America
Terry Martin	Aust.	Rolly Munro	N.Z	Guilio Marcolongo	Aust.
Vaughn Richmond	Aust.	Gordon Ward	Aust.	Don Bridges	Aust.

Non turning Demonstrators were: Rodger Gifkin, Alan Williams, Liz Scobie and Allison Drescher.

I was able to watch the following demonstrations:

Vaughn Richmond Turning bowls and platters using the hot glue method. Guilio Marcolongo Small duck turned in 3 pieces and small hollow form. Rolly Munro Turning hollow form using the Rolly Munro system d/h tools.
Gordon Ward Using the router on the lathe to create areas for later carving. Don Bridges Natural edge burl bowl with a wavy rim. (used coolibah burl) Kip Christenson Production turning (tops pens clocks.)
Hans Weisflog Pierced thru box (very small object was hard to see the demo). Neil Scobie Turning a small bowl then used a Arbortech cutter to give his Nautilus effect. Neil was not on the official demonstrators list but did two demos and showed his N/S sharpening Jig.

I did not get a chance to see Jacob Weisfleg turn due to heavy rain on the Friday afternoon and evening through the whole schedule out of sequence. It was not possible to see every demonstration that was listed for this weekend Videos were not allowed as many of the demonstrators now make their own videos or Dvds. However cameras were allowed and I have quite a few photos .

On Sat evening Guilio , Vaughn and Gordon combined to turn and gold leaf a bowl. This was the funniest event of the week-end seeing these 3 turners assisting? one another was hilarious.

Turnfest 2007 is to be held at the same location from 31 Mar to 2 April 2007 as soon as more details come to life I will advise the region .My deposit for next year is on the way to David Drescher.

The main sponsors for the Turnfest were McCaffrey Homes QLd. Promac, Tormek, The Aust Woodworker, Vermec, Gregory Machinery, Mik International, Arbortec, Teknatool and The Beaudesert Shire Council.

Ed: A number of members from Southern Region including Barry Belford, Ted Maquart, Pat Thorpe and others also attended. This event continues to be a big draw card for turners wanting to see turners from outside the Australian community. The discussion that I have heard from a number of turners consistently have applauded the weekend. So, get a group together and head north next April!!/

A Country Woodturner

Well, yes. ..I suppose I really should admit, right at the start, that I am a City-Boy. Born raised and educated in various cities around the world. And while I did know from a fairly young age that milk didn't really come from bottles or cartons, I'd only ever seen a real cow on my grandfather's farm, when we came for our annual holidays. But I was firmly convinced that milk should be cold, not warm. Quite similar to the way I take my beer, now. ..

Even when I married and settled, it was in Sydney. And that's where I completed my obligation to make the "captains of industry" rich (Whoops. That wasn't the original idea, was it?). So it's with a certain amount of bemusement that I now find myself living on a five acre farm outside of a small country town. And I am slowly re-discovering the joy of privacy and the silence of animal, rather than machine, noises.

But living in the country is more than just peace and (relative) quiet. Every now and then I stumble on a common, but unexpected sight. For example, as I was walking home from town the other day, I passed the neighbours paddock, where Studley, the ram, was proving that he was worth retaining, due to his continued youthful vigour and productivity (Hmrrn, an expectation held by those same captains of industry, n'est pas?). While the situation was nothing unusual, I was startled, and amused, by Studley's single-minded look of concentration, and obvious dedication to the job.

Arriving at home, I found my Best Beloved in the kitchen, hands in a sink-full of suds. With a chuckle and a mischievous look in my eye, I wrapped my arms around her and described the intense doings of Studley. She murmured coyly, turned and looked up to me with her large brown eyes and said, " ...

By now I suspect that you are wondering what this has to do with Wood turning, or even Woodworking. Well, I was about to get to that. You see, that coy murmur was, in fact, a bit closer to a long-suffering sigh, and what she said was, "The axe is outside. Go and chop some wood."

Another one of the joys of living on the land is that wood is everywhere. When living in Sydney, I would tend to keep at least half an eye on the side of the road, going to and from work, looking for those occasional piles of felled timber from backyards, or the clearing of brush and limbs from under telephone poles. One of the joys and challenges of this practice was learning to correctly identify the wood. If I can't identify it, I prefer not to use it. I enjoy working with "found" wood, or distressed timbers, as with careful selection, the grain, staining and internal stresses can display intense character in the finished piece. That, of course, and I also like the price.

While I still keep half an eye on the road for the occasional fallen log, I'm also discovering that there are marvellous Australian timbers and unusual exotic woods from my own back yard: Black Wattle, Scribbly Gum, Juniper and three types of Cedar. I'm even experimenting with Camellia, Privet, English Box, and Pyracanthas, as I have been "blessed" with a few old overgrown bushes here and there around the yard. And, as I live on a rural property, I don't have a Council telling me that I am not intelligent nor responsible enough to maintain and care for my own land and what's on it. Hopefully, as a Woodturner, I will have enough respect for the product I use to manage it wisely. But that can be the subject of another article. ..

So, yes. I have the privilege of having a wide variety of wood. And after chopping it, I can have a closer look to decide whether that particular piece might be interesting, or if I can "turn" it to some advantage. It's well worth trying something different every now and then.

Quiz Answers on page 10. Ernie Newman

1. All species of wood float in water when seasoned. True or False.
2. When were the first stone tools used: ten thousand years ago, 2 million years ago or 10 million years ago?
3. What is the problem with gluing green or wet timber?
4. When parting off an eggcup with a skew chisel, is it better to keep the cut on the long point of the skew, the short point or near the middle of the cutting edge?
5. The London Underground has railway sleepers made from which species: Central American Balsa, English Apple or West Australian Jarrah?

THANK YOU .

Since the founding of the Southern Highland Region I have been on the committee of the Sydney Wood turners Guild Inc. As the representative for the Southern Highlands, Vice President and President.

I would like to say a big THANK YOU to all the past and the present committee members and office bearers for the assistance given to me during the past 12 years on the committee.

There are many members who over the years that I owe a special thank you to:-Arthur Ball, Frank Bollins, Manny Burnham, Bert Ponder, Alf Jordan, Doug Midgley, Derrick Burton, Jim Dorbis, Adrian Barendregt, Graham Campbell, and no doubt I have not mentioned every one. To the members of my own Region and Southern and all other regions thank you and best wishes for the future.

Keep the Chips Flying.

Peter Herbert.

Bandsaw for Sale

Bill, I have a band saw that I do not use and I wonder if any of our members would be interested in it. It is a 14" woodcutting band saw with 5 speeds, it has 3 spare blades, it has hardly been used. I paid just over \$400 for it and I am asking for \$200 o.n.o.

My name is Tony Pitcher, phone 9639 6639. Could you advertise it in the Hand & Eye please. Many Thanks
Tony No 802.

REGIONAL NEWS

Southern Region Update

Thanks Chris, for stepping into the Editors position of By Hand and Eye and producing the last edition to be mailed to members. Best wishes to Bill for his tenure as Editor. If you are reading this, he has one under his belt and hopefully many more to come!

It is a busy period during May and June down here at The Cubby House as there are three functions in which we are involved; demonstrations at Oyster Bay Public School's weekend fete at the end of May, the Working With Wood Show in early June and our 2 week "Wood Dimensions" exhibition at Hazelhurst Regional Gallery in Gymea from 16 June.

I know many members look forward to again seeing acquaintances from the other regions as we join to present our Guild to the public at the **Working With Wood Show**. Best wishes went and thanks go to Clive Hales who took the leading role in organizing our stand at the event this year. As the Working With Wood Show has concluded when you read this, thanks to all who did assist in some way, be it via demonstrating, attending, exhibiting or behind the scenes ensuring that things happened.

For a school Fete, **Oyster Bay Public School** sets a high standard. If you intend to visit, get there early or wear comfortable shoes as you will probably have a long walk from wherever you park!

Depending upon when this reaches you, there may still be time to visit our **"Wood Dimensions" exhibition at Hazelhurst Regional Gallery in Gymea** (closes 27 June). Details may be found in the previous edition of By Hand and Eye or recent editions of Cubby House News. If you are interested to receive Cubby House News by e-mail, simply send a request to: chnews@inet.net.au.

The major event looming later this year at The Cubby House is a **3 day visit by Vaughn Richmond** from Western Australia. If you know someone who attended Turnfest, ask them about him, then try and secure a seat for his weekend demonstrations (two separate and different presentations) 26 and 27 August (\$25/day) or his hands on workshop on Monday, 28 August (\$60, limit of 10 people. If booked out, join the standby list!). Full details will be in the June edition of Cubby House News or contact Pat Thorpe on 9524 2504.

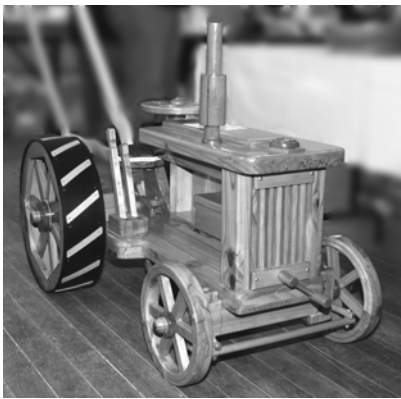
Maxi-day themes ahead

17 June - Ken Phillips:Uncompleted projects. Some members have hired small trucks and others large trucks to have their projects moved in for Show and Tell!

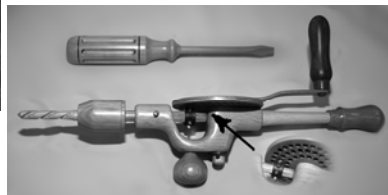
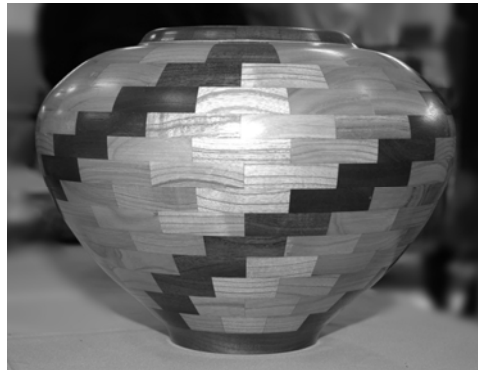
15 July - Frank Volk:Bowls. Can I get a discount if I book the truck two months running?

19 August - Barry Belford-This Goes With That. This reminds me of a tip: if you are not a very accurate turner and want to turn a pair of egg cups, just turn half a pair!

16 September - Sandy May:Annual Ladies Day



Left: Eric Feldwick's tractor
Right: Les Madden's segmented hollow form.
Below: John Hamilton's tool kit



Hornsby Region

April 2006.

A cool bright day resulted in 20 members and several visitors getting together for our monthly meeting held at Annangrove. Lindsay Skinner welcomed our special guest for today, Jeff Snell the inventor of the "Anglemag", an engineered piece of equipment that enables the user to cut a variety of timber joints.

Brian Hawkins reported on Turnfest 2006, which he and several of the members attended last month in the Queensland hinterland. With demonstrations by international turners from Germany, America, New Zealand as well as Australia. The turners demonstrating were all in the top five in the world in their particular field of specialisation. Turnfest will again be on next year in March 2007 and it's certainly worth the time and effort to attend and is thoroughly recommended.

Greg Croker updated the members on what has occurred at the Guild. The Guild is also seeking volunteers from each region for the Working With Wood show (2 to 4 June 06) to assist in manning the Guild's stand at the show. Those interested in volunteering contact Greg on 9498-2350.

The "homework" for this meeting's S & T was a set of legs (4). Bob Ackerman commenced the session by showing a set of 4 legs turned from Pacific Maple.

Russel Pinch displayed one turned leg, recovered from a dining room table. The point of interest was that the turned item comprised of several pieces of timber (genus unknown) that had been joined together on the end grain using a comb joint. Russel also showed his culinary expertise by having turned a carrot (of the vegetable variety) on the lathe to produce the strings of carrot so much favoured in Asian salads. He also showed a dovetail joint in square stock that could not be pulled or slide apart.

Martin Nielsen turned a set of legs suitable for a low coffee table. His were turned from Poplar (also known as American Cottonwood). The legs showed some variation (which is to be expected) but overall a good effort.

Keith Pascall displayed a lidded box that he had turned and finished by applying beeswax.

Rusty Manalo showed a small table, consisting of a Pine top and legs. The legs having been turned commencing with a series of beads at the top followed with a slender waist format and then another set of beads at the foot of the leg.

Jim Mole had been asked by a neighbour to remove a large tree which turned out to be Paulownia also known as Dragon Sapphire. This is one of the fastest growing trees that can be harvested after four years of growing. The timber is quite "chippy" does not turn easily, Jim had also brought a large roughly turned blank some 20 inches in diameter, 10 inches in depth and 2 inches thick. The blank could easily be lifted up to demonstrate the light density of the timber.

Keith Day displayed several items, one being a small screw lidded box in the shape of a bullet turned from Macassar Ebony. The other was carvers' mallet, turned from Rosewood for the handle and Ebony for the striker end. The Ebony section had been hollowed out to house a portion of lead to add weight and stopped with a Rosewood insert. The last item was a lidded rectangular box with Ebony biscuits in each corner. The lid due to changes in atmospheric pressure had slightly shrunk across the grain. The sides of the box were made from New Zealand Blackpine or Matti.

Jeff Snell was introduced by Lindsay Skinner. Jeff mentioned that in many instances the traditional hand made dovetail joint did not match the timber ecstatically, there were either too many in the board, too thick or too thin and limited to the angle of 1 in 6 or 1 in 8. It was this difficulty that set him thinking how a jig could be made that was not only simple to use, but also able to reproduce the angle of the cut repeatedly as well as in an infinite variety. This resulted in the "Anglemag" was developed. This device clamps directly onto the piece of timber to be cut and with a fluted bar attached to which is a swivelled head cup that contains 4 earth magnets, can be held in any angled position. Using a Japanese saw that is held by the magnets in the swivelled head the pins and tails of the dovetail joint and in fact many other timber joints can be produced. Jeff informed those present that up to 35 different joints can be made using the jig, he personally has been able to make 28 different timber joints.

May 2006.

A chilly windy Saturday morning could not deter some 20 members gathering at Annangrove, where Lindsay Skinner warmly welcomed them.

Today's meetings "homework" for S & T was polychromatic work (a fancy name for segmented turning) and there certainly was a wide range of quality turned items on display.

Rusty Manalo displayed a turned vase that consisted of some 8 tiers including the base. The timbers used to make these layers were Maple, Meranti and Camphor Laurel. The vessel was finished in a high gloss. Members commented on the quality of the joints in the work piece.

Edward Utick had turned several small platters each consisting of two tiers, using Rosewood. He also showed a turned open necked vase consisting of seven tiers. This finished piece was made up of a total of 96 individual pieces of timber.

Martin Nielsen had turned two items, a platter with three tiers of timber glued together, and a lidded Urn on a pedestal base turned from Poplar (or Cottonwood if from the States). The fit of the lid and body was so good, that the unit could be lifted by the lid alone.

Ian Irwin showed a large vase constructed from vertical stays of Banksia, Silky Oak and veneer for the base. Ian had also turned two weed pots the base of each comprised of a series of different timbers in a petal shape one overlapping the next and separated by a light coloured veneer to accentuate the next. The base of one weed pot flowed in a clockwise direction the other anti-clockwise.

Keith Pascall displayed two lidded boxes, each ring of timber segments was held during the gluing process by using large hose clips. The main body of each box consisted of four tiers or layers of Tasmanian Oak. The lid of one box had been built up from pieces of Tasmanian Oak cut to fit into an offset square pattern. The lid was surmounted with a "black" knob, resultant of the lid slipping whilst held under pressure in the lathe. The lip of the lid actually fitted over the outside of the body of the box. Keith was heading into his "Pagoda Period" of turning. The second lid also made from Tasmanian oak the pattern in this instance was of a parallelogram and this lid fitted in the normal manner.

Lloyd Thomas showed a platter, used Pine as the base and then building up the four tiered sides using Spotted Gum. Lloyd had also turned a delicate lidded box from Black Cypress. To show his dexterity Lloyd had also made a rectangular shaped pencil box with dovetailed corners made from Cypress Pine.

Russel Pinch displayed a segmented platter commencing with a hexagonal shaped base using Oregon. Then using Pacific Maple to build up the three tiered sides the top tier of which was shaped to roll over into the inside.

Keith Day, had been busy removing excess timber from a piece of Huon Pine and finished with a three looped continuous figure, that was mounted on a plinth and titled " Pile Extractor". (*Ouch Ed*).

After lunch, Lindsay Skinner demonstrated how to turn and carve a Wave bowl.

Peninsula May

The meeting this month was a cut above the usual. There was an excellent roll-up of more than 40 members including guests Martin Crosby (friend of Graeme Hall) and Doug Trinder from the Coventry Woodturners. Doug and his wife Pauline are out here for the christening of their newest grandchild next weekend. They have visited us before and we can look forward to a link with their club through our Herman. Doug said their club is very similar to ours but they do a lot of paid demonstrating – particularly with a pole lathe . They also do some very rewarding work with problem children and schools. They use visiting demonstrators as critics for their Show and Tell. But we have Jim Dorbis!

Show and Tell this month was exceptional – pity I forgot my camera. My apologies to all.

Joe van Treeck, who has continued with his Tulip Vase making with three different designs incorporating in each three different woods. It is fascinating how a deeper or shallower cut can produce entirely different effects.

Frank Jefferies followed with another Tulip Vase . Frank thinks he has got it pretty right this time. We can only agree.

Paul Cosgrave, still in pursuit of the holy grail of finish showed us a very thin, shallow, platter finished with Rustins. Paul found that starting with thinned coats and building up to a regular mix gave the best result.

June McKimmie has got over her NZ experience and is back at work. Using her bowl saver she rescued no fewer than 3 bowls from a single burl. The largest bowl has a "natural" side, which is a most attractive feature. The middle sized bowl was somewhat truncated about 1/3rd from the way from the bottom which necessitated June "stitching" on a matching piece (which she found under her bed). The stitches are plain to the eye. I think the smallest bowl gave her the least trouble.

Not content with that lot (which, note, June is donating to the Club) she made a lovely bowl from N.Z Kauri, a pot pourri and a very small nut bowl. As happens, the bottom of the large bowl suffered an accident so June slipped in a replacement part. All work up to June's usual high standard.

George Vazelakis (drumroll) produced his first bowl ever. And a very nice piece it turned out to be. Camphor Laurel with a very fine finish. Nice rim, nice base. Guess who his teacher is.

Ian Burnell made a much admired cake stand from burl with natural edge and integral stand. A beautiful piece. Also a bowl of outstanding colour from a Persia tree cut down in his rockery.

Owen Holden – a sassafras bowl for a plain design and let the grain of the wood speak for itself.

John Cody has been making lamp stands to furnish a very old house in Goulburn. Using Radiata and a little bit of colour in the finish he has made some really nice lamps. He also used Cyprus Pine to great effect. .

Gorgi Armen left us with a conundrum. Two rectangular "reverse fishtail" turnings with a central round cup which can be fitted together, face to face, to make a box. How did he do it? Make identical pieces to fine tolerance and fit them together? Make them in one piece and separate them? We might find out next month. The wood was Quilla.

Norm McArthur acquired some Red Ironbark and guess what he made? Right! By cutting his blanks to incorporate some of the bark he was able to make this object with an attractive rough bit down one side. This helps if you forget to wash your hands before using the implement. Using the same principle, he made another one of those things from Mallee incorporating a strip of the beautiful cream sapwood. The finish on these two objects was very high – presumably Norm's Oil.

Aaron Ehrlich has made a dinner gong using the old technique of metal spinning on a lathe. The support for the gong was in the form of a ships wheel, with perfectly matched spokes. Cedar wheel and brass coloured jacarandah for the spokes. Drumstick of cedar and a small wood insert at the central point of the gong.

There was no **demo** this month. Instead we were treated to an excellent presentation from Quentin Satchwell, Managing Director of Akkupak which provides an Australia-wide service to repack failed NiCd and NiMH batteries – mostly for battery operated tools. Quentin has had many years experience in the Industry and it is obvious that he knows the business extremely well.

There are four types – SLA – Sealed Lead Acid batteries; Ni-Cd – Nickel Cadmium (Recycle with care)
Ni-MH – Nickel Metal Hydride. (Recycling friendly) Li-Ion – Lithium Ion. (The coming thing but can be unstable)

Power Tool batteries are made up of a group of 1.2v batteries connected in series. More batteries= more voltage. A good battery will have incorporated in it a Thermal Switch, or Thermistor which will monitor the battery temperature and switch it off when it is charged. More expensive outfits may include the control in the charger, which will monitor when to reduce the charge to a trickle, which enables the battery to be left on and keep it in top condition. It could be said that you get what you pay for.

Batteries do not last for ever. How long will they last?

1.3AH NiCad – say 1000 cycles (full discharge/full recharge) ,	2.0AH	800 cycles
3.0AH	600 cycles.	i.e. the higher the capacity, the less cycles.

Charging is the key to battery management. With the cheap, constant-current chargers – overcharging is a problem.

With "3 hr "chargers – it is likely that a thermal switch will be included in the battery (but not necessarily so).

With the 1hr "intelligent" charger – It is likely that more than one detection system will be used and the battery will switch to trickle charge when fully charged.

How long to charge a battery?

There is a formula:-

$$\text{Charge Time (Hours)} = \frac{\text{Capacity of battery in MAh} \times 1.4}{\text{Output current (in MAh)}}$$

Charging in heat is not recommended. Remember, heat is the enemy.

Memory Effect – (Voltage Depression) – Crystals form in cells and reduce the amount of space available to re-charge. It was fashionable to make sure that the battery was fully discharged before re-charging but that has been discredited. When the battery appears to not quite do its job, then it is time to re-charge. It always helps to read the instructions!

Use regularly, do not overload, discharge fully occasionally, do not let the battery get too hot.

Lithium Ion is the next generation- starting now. Quentin is confident that research will find a way to iron out the few problems which exist. You will see the major manufacturers will have the new tools on display at the W.W.W. Show.

Thank you Quentin, for a great presentation. Thank you also for bringing Elaine and joining us for lunch.

Southern Highlands April Meeting

Our scheduled demonstrator, did not attend so we resorted to an improvised program.

Peter Herbert welcomed members and two visitors, Peter from Macarthur and John Shaw. Peter indicated that items for display and sale at the Sydney Working With Wood Show are needed at our next meeting on 27 May, ready to be taken to the show.

Peter said that Guild Membership renewal notices were in the current By Hand and Eye.

Our Tuesday and Friday workshops are still going well although attendance has sometimes been down a little. There is nothing exclusive about these workshops and any member is welcome to come along when ever they can.

We were pleased to welcome back Colin Martin after his two months absence due to illness. Col spoke of his experiences in the Intensive Care Unit in Liverpool Hospital and said that he still has to have more tests and treatment. Col also said that he was now forced to step down as Regional Convenor because of his health problems. Any way, it was good to have you back Col and we wish you all the best with the treatment still to come and a speedy recovery.

John Harris demonstrated turning a simple bowl following the guide list provided by Bill Shean at the previous meeting. John said that the bowl could have been given a smoother finish by using a scraper but Mike said that he preferred to do a final cut using the bowl gouge carefully angled and with a very slow moving cut.

Show and Tell was conducted by John Rossiter. Some of Show and Tell appeared in the Highland News.

Fred Schaffarczyk. An "antique" bowl and some eggs which he turned to go with the bowl. Fred also showed an attractive candle holder turned as an exact replica of a baluster which he copied by using an enlarged photograph.

Ian Pye. A duck in radiata pine turned using the centre and off-centre method demonstrated by Terry Light. The off-centre turning was done with a screw chuck located 10mm from the original turning centre. Ian also showed a Kauri Pine platter and described the difficulty in obtaining a good flat finish across the flat inside of the platter.

Peter Herbert. A nice rectangular bowl in she oak.

Jim Powell. Some trinket bowls and a lidded needle case.

Peter Gerlach. A mallet in European Beech with an ash handle. A Candelstick.

At the April meeting, we again had a representative of the Southern Highlands News, he interviewed a number of people and took plenty of photographs. We received another good coverage in the News and the article is shown below.



Show and tell session at Bowral

The Southern Highland Woodturners group met for a "show and tell" session at Bowral last weekend.

Guest speaker Mike Darlow addressed the group, and members showed a range of their carefully-crafted wooden creations.

For details about upcoming Southern Highland Woodturners events and meetings, phone John Harris on 0408 400 720.

Peter Herbert explains how he made the square bowl as John Rossiter and John Harris look on.

Mothe

PROFILE – OF A SHED.

We all have a shed. Many, like Topsy, have just “growd”. Some are just a corner of a garage, some have taken over the whole garage and I know of one which has invaded a bathroom. New tools, new technology, new hobbies and expanded interests all contribute. Not many of us have planned a shed from inception.

They say that form follows function and there is no place more attuned to this concept than the shed I will tell you about now.

It is no coincidence that this exceptional shed belongs to an exceptional bloke. A Ships’ Plumber by trade, Jack has also done spray painting, panel beating, building and teaching at a high level. Metal turning knowledge he gained from his father-in-law.

Jack is one of those people who can turn their hands to anything. Want something welded? Ask Jack. Want a bit of metal turning done? Ask Jack. Car giving trouble? Ask Jack. Build a bike for a disabled person? Ask Jack. Turn a dozen legs? Ask Jack. Fix the plumbing? Ask Jack.

It is obvious that a bloke with these many skills would need a decent workshop and a variety of tools.

Jack settled in one of Sydney’s beach suburbs over 25 years ago. He was working hard and his tool and machinery collection was quite modest. A metal lathe, drill press, welder, grinder, docking saw, compressor and a few other items. These pretty much took up the space in the garage under the house. With a son interested in competitive canoeing there were also a few canoes lying about. Jack is a tidy bloke, wanting a place for everything. There was a vehicle and trailer demanding shelter. So what to do? Nice house but a bit short of shed space. Solution – build a shed.

I must add that at this time, this bloke with all the skills at his disposal had recently retired.

“What does a good shed need?” I asked him.

- *Plenty of light,
- *Ample power supply,
- *Good ventilation,
- *Easy access to machinery,
- *Layout to facilitate movement between machines.

Where to start? First, draw a plan to scale, cut out cardboard machinery to scale, work out the best placement, decide where lighting will be needed and electrical outlets.

How big does it need to be to accommodate all this?

In Jack’s case the size worked out at 8.2 X 6M, which included space for the trailer and vehicle.

One must, of course, submit plans to the Council so don’t order the concrete and timber just yet. Delay, delay, cost and frustration. Council approval at last and erection in no time at all and existing machinery moved in. Three phase electricity, earth leakage breaker for safety reasons, 14 wall mounted power points, 10 ceiling mounted to avoid having any electrical cords on the floor, eleven double and five single fluros plus 2X100W mercury vapour lamps. Double roller doors and a side door for ventilation and access.

“Nirvana!” you say. And so it was for a while. However, like most of us our hero has at least one foot of clay. In 1999 he discovered woodturning! Consternation; where to put a lathe? Problem solved, move the trailer to son’s place.

We all know what happened over the ensuing years. Of course one needs another grinder in proximity to the lathe and tools to keep them sharp, a bench saw, a band saw, a scroll saw, router table, additional workbench and a few other items become essential. And, of course, woodturning creates dust. Dust extractor purchased and complete overhead ducting installed – (after all, he is a plumber).

The only casualty is the motor vehicle which once again is relegated to the great outdoors.

The moral to this story – if there is one – is that one may need exceptional foresight to create the perfect shed, or maybe to have a plan “B”. Never-the less, Jack’s workshop is the envy of all who have seen it. Despite the increase in the quantity of machinery it houses, it adheres to the principles of shed design mentioned earlier.

Who is Jack? He is a particularly modest bloke and an indispensable leader of the Peninsula Group – Jack Butler.

Do you have a Shed Story? What is the best design? What problems did you find with yours? Do you have a great shed that you would like to share with the rest of us?

Send your Shed Story to the Editor: sheans@bigpond.net.au. Pictures welcome.

June Quiz Answers

1. False. Some species such as mulga will sink in water even when fully seasoned.
2. The first stone tools were used between two and three million years ago—which reminds me of a Gary Larsen cartoon showing two cavemen sitting in the dirt. One looks exasperated and holds a rock out to the other saying, “I said ‘Phillips Rock’, not regular rock”.
3. Standard glues may not hold if the timber is green or wet. There are special glues which will hold green or wet timber. Actually the first glue to hold green wood was pioneered at the Forest Research Institute at Rotorua in NZ. One of the scientists accidentally spilled a substance onto some glue that was sitting on a piece of green wood and the next day they couldn’t remove the glue.
4. When parting off an eggcup with a skew chisel it is better to keep the cut on the long point of the skew as it allows more visibility than the short point and is a lot easier to control than when the cut is near the middle of the cutting edge. The last cut is very difficult to control unless the cutting edge is curved and even then is more difficult than cutting on the point.
5. The London Underground has railway sleepers made from West Australian Jarrah.

At he General Meeting of 2 June, Trevor Simpson demonstrated his thread cutting jig. He has a very simple looking jig, but clearly it has been well thought out plus he was able to provide a clear explanation of the process and engineering side of thread construction. Following is an article written by Trevor together with a few explanatory photos.

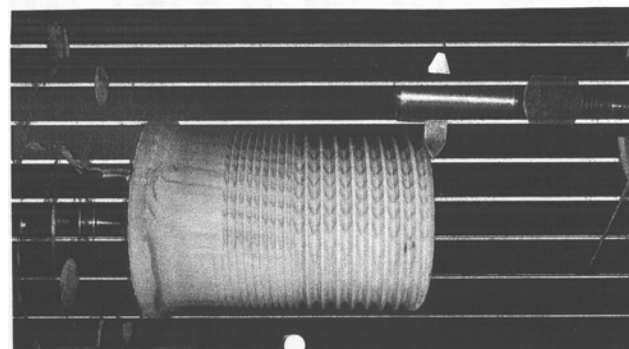


THREAD CUTTING SYSTEM

For sometime I have been interested in cutting threadforms in timber, however, only to find when inquiring 3 years ago that Carba-tec no longer stock its "Threadmaster" or cutters other than the cutter box or chaser (which seems rather daunting to a novice).

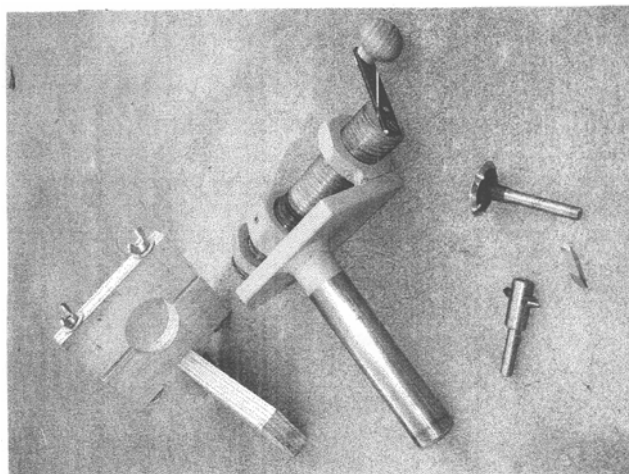
After toying around with ideas and chatting to Ted Macquart who said "there must be a simpler way", I have come up with this prototype system which cuts an excellent thread form and uses equipment most of us have at very little additional cost.

You will see from the photo that I have used the lathe bed only as a means of setting up the system.



I have used a drill press compound vice to secure a small router which allows lateral movement across as well as lengthwise. Between the bed and vice I have 16mm (5/8") MDF packer to provide clearance for vice handle and also to bring up to lathe centre height (although not necessary, as the lathe itself is not used).

Router used is an Ozito (from Bunnings) hand router with 6.3mm (1/4") collet and speed of 32,000 rpm. Router is clamped in a plywood bracket fabricated from 19mm (3/4") plywood -refer photo. Bracket with router is clamped in the compound vice. Bracket has 44mm (1 3/4") dia. hole with horizontal cut through centre to suit router and secured with 2 x 1/4" bolts & wing nuts.



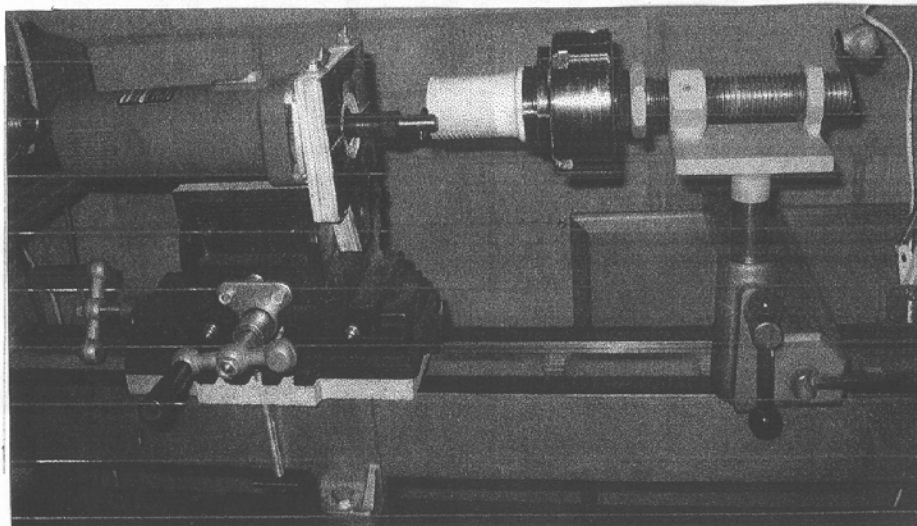
The lead screw assembly is a standard 30mm dia x 3.5mm pitch, which suits most chucks. A full and a half nut are welded to a 4" x 3" x 1/2" MS plate which has a 1" dia shaft welded offset to the underside for mounting in the tool rest banjo; shaft diameter to be same as tool rest. The upper surface of the plate was machined faced after welding stub shaft to remove distortion and ensure that surface was flat and square to shaft.

The full nut has been drilled & tapped to accept 2 x M5 grub screws located @ 120°. Between these grub screws and lead screw, I have inserted teflon wads to take up any backlash and to provide a smooth positive feel. Lead screw length is 165mm (6 1/2") with a handle at one end.

Cutting tools were ground by hand to the conventional metric thread shape of 60° included angle. The fly cutter was turned down from 1/2" dia. MS at one end to 1/4"

dia to suit router. The end was filed to accept the 3/16" square tool steel cutter which had been ground each end to the thread form; cutting twice with each revolution of the router. The cutter is held securely in place in the centre of the holder (to equalise out of balance rotational forces) with an M5 grub screw.

Another cutter was formed by grinding the ends offset by an amount equal to half



the thread pitch, in this case, 1.75mm. This produces a

finer, two start thread for more delicate work whilst still not needing to turn it several times to undo or do up the article.

Ted found when trialling the system an internal thread cannot be turned right up to the end of the recess due to the need of the securing grub screw at end of fly cutter holder. Using Bruce Leadbeater's idea of a small inlet valve from a car engine (courtesy Ted), I ground the "V" form shape by hand holding the valve in a pistol drill against the bench grinder to form 60°. As the valve stem was too large I also ground it in a similar fashion to ¼" dia. Whilst this method may seem a bit "rough", it did produced a reasonable result. With a small angle grinder, I cut 4 offset equal grooves across to produce 4 cutting edges; the back of the cutting faces was ground to provide a clearance relief for the newly cut thread.

Set up and operation is fairly straightforward. The compound vice and lead screw assembly with chuck and workpiece are aligned by eye, as one would align tool rest with lathe bed, after setting the both heights the same. I have them set at the lathe centre height, but this is not necessary. No great accuracy is required if only cutting a small length of thread.

Adjustments are made via compound vice/router for thread depth and location, whilst lead screw/chuck provides the rotation and advancement of the workpiece.

GOOD LUCK!!!

My thanks to Ted Macquart for supplying some raw materials.

I will be demonstration the system and hopefully cutting some good threads at the May's Maxi-day topic of "Trail & Error" conducted by Malcolm McDonald
An appropriate theme I feel!!
Trevor Simpson

The Working with Wood Show

June 2 –4 saw us at the Sydney Working With Wood Show once again.

Thanks to the work of Southern Group plus some other itinerants, our display and work area were set up Thursday 1st June all ready for the Friday. Clive Hale was the Guild Co-ordinator for this year's show and had liased with all the regions for sufficient manning staff.

I attended all three days and found that each day was quite different. Friday was filled with school children and I thought it the busiest of the three days. Saturday was the least busy of the three while Sunday was some where between.

We had two lathes operating all weekend and we seemed to have plenty of watchers as the demonstrators changed regularly. Across the weekend, we had a good range of projects although a lot of minin-baseall bats, spurtles and spinning tops were distributed. I must admit to having a lot of fun bashing away some spurtles and making clouds of shavings as fast as I could get them flying.

One of the highlights of this year's show must be Sam Shakouri's fine pieces which were awarded 2nd and 3rd prizes in the Woodturning Section of Working with Wood Show Competition. His work appears to the right. The quality of work displayed in the Competition was truly amazing, across all the wood disciplines that were included. My personal favourite was the surf-board which I could just see soaring down the face of a wave.



Our display is shown at the right and below. We had a good range of work, timbers and styles on display. The sales tables were full but we seemed to have a slow show this year compared to last year.



The Show this year was missing a few noticeable commercial stands, the most obvious being Hare & Forbes. They had their Open Day all weekend in lieu of attending the show. With offers of 15% off all sales I hear they had a good weekend and were saved the cost of the show site plus transport and set up.

Overall I thought the commercial side of show was a bit 'down' compared to last year. The stands seemed a little cramped, there were groups missing and I certainly found the timber offerings both expensive and fairly limited. In fact for the first time ever, I did not buy a piece of timber at the show.

Next year: one of the comments made at Committee in February was that we need to start planning for the next Wood Show immediately this one is completed. And I agree wholeheartedly with that thought. If someone would like to take on the job of co-ordinator and start to plan for next year right now, let your Regional Rep know. If you have ideas about layout, display and presentation of the Guild, drop me a line so that we can include it in next year's show.

Many thanks to all those members who helped to set up, pull down man the stand, demonstrate and contribute work to display. Without your efforts, we would not have had the successful weekend that we did.

See you at the 2007 SWWWS.

Bill Shean

Minutes: Sydney Woodturners Guild:

Committee meeting 24 April 2006 Chester Hill hall.

Meeting opened at 6.30p.m.

Present: As per attendance book

Apologies: Alex Bendeli, John Jewell, Ted Macquart, Fred Warr, Mike Darcovich.

Visitors: Jack Butler.

Minutes of last meeting: Read and accepted. Moved Kevin Santwyk, Seconded Bart Galea. Carried

Business arising:

Aaron's surname is Erlich.

Carbatec requires that a Guild membership card be produced for discounts.

Western Region **will** be demonstrating at model farm on 45 May.

14 year old members are covered by Guild insurance.

Secretary is still to write to Regions re issue of public use of guild equipment.

Correspondence out: Nil

Correspondence in: Western Region's income & expenditure 6 months ended 31 December 2005.

Business arising out of correspondence: Nil

Treasurer's report: Tabled.

Available funds at 31 March 2006 \$13,455.94

Moved Chris Dunn that the Treasurers report be accepted. Seconded Larry Bailey. Carried.

Business arising.

Macarthur Regions loan repayment is \$100 a month. The reason for the \$300 repayment is due to the Christmas & new year break.

Accounts for payment: Stood over

Memberships:

4/06/2001 to 2014 Moved Bill Shean, Seconded Bart Galea, Carried.

Other Reports

Peninsular Region has 8 or 9 members available for the WWW Show. Western Region has 2 to date. Hornsby has 4 members available.

Western Region is demonstrating at Nurragingy Reserve, Quakers hill, on 28 May.

Macarthur Region is demonstrating at Bunnings, Campbelltown, on 6 May.

Southern Region is progressing with the Hazelhurst exhibition in June.

Agenda Item:

Clive Hales reported on the forthcoming WWW Show. A report will be published in the BH&E.

Items for display are needed for the WWW Show. Items for sale at the Show are also needed. Members who have turnings to be sold should contact Clive Hales.

General business

The President has stackable chairs for sale.

Members needing new Guild name badges must go through their Regional Representatives not approach Ken Sullivan.

Larry Bailey asked if the purchase of a large bandsaw would affect insurance. The answer is no but it must be included in the assets list.

Kevin Santwyk still wants a written answer to the written questions presented by Bankstown Region last year. Clive stated that he had previously shown Kevin the answers. Clive will write a reply addressing each question. Chris Dunn will email the reply to the Secretary who will forward it to the Regional Representatives.

In relation to incorporation, the Dept Fair Trading has accepted all names. All Regions are now incorporated (as a shell). The model Rules are still to be accepted. Once accepted by Fair Trading the guild must call a Special General Meeting to vote on the new rules. If approved all Regions must have a meeting to organise their own rules. Barry Gardner is to be invited to attend the next committee meeting to address the committee on Incorporation issues.

Greg Croker asked whether we expect the new rules to be rejected. Barry Gardner had previously indicated that he didn't think so.

At the recent Royal Easter Show Pat Thorpe won first prize for Mixed Turning. Stan Rawlings won first prize for Bowls or Platters. Only 6 people entered turnings at the show and only 2 were Guild members.

Larry Bailey moved a motion that the Guild donates an amount of money, to be determined, as a prize for the Woodturning Section at the next Royal Easter Show. Seconded Bart Galea. Carried.

Barry Belford has the life membership badge. The presentation will be held at the Bi-Monthly meeting on 2 June.

Agenda items need to be notified to the Secretary 7 days prior to each committee meeting. The Secretary will advise the committee members of agenda items 48 hours prior to each meeting.

BH&E is at the printers. The next version will be in A4 format and will be on the Guild web-site.

Future events will be a future addition to BH&E. Regions are asked to supply Bill with such information.

Bill will also write a "Region Review" for BH&E.

Meeting closed 8.44.

Next meeting 29 May.

Agenda Items: Incorporation, WWW Show, Royal Easter Show (2007)-, Items for BH&E.

Minutes : Sydney Woodturners Guild:

Committee meeting 29 May 2006 Chester Hill hall.

Meeting opened at 6.30p.m.

Present: As per attendance book

Apologies: Alex Bendeli, Ted Macquart.

Visitors: Jack Butler, Floyd Bower, Larry Bailey, Barry Gardner.

Minutes of last meeting: Read and accepted. Moved Kevin Santwyk, Seconded Bart Galea. Carried

Business arising: Nil.

Correspondence out: Letter to Peter Herbert.

Correspondence in: Nil.

Business arising out of correspondence: Nil

Treasurer's report:

Tabled. Available funds at 1 May 2006 \$13,575.26
Moved Kevin Santwyk that the Treasurers report be accepted. Seconded John Jewell. Carried.

Accounts for payment:

March \$2,338.50.
Moved Kevin Santwyk, Seconded Bart Galea. Carried

Memberships:

5/06/2001 to 2003
Moved John Jewell, Seconded Bill Shean, Carried.

Other Reports

Question as to why Sven Wallin's membership number was changed from 167 to 208.

Macathur Region has paid up the loan in full.

17 June pen making at Chris Dunn's.

15 July demonstrating at Bunnings at Crossroads.

Peninsular Region had a demonstration of battery repacking by ACU PAC.

15 September Fred Holder is demonstrating.

Hawkesbury Region is demonstrating at MLC School Burwood on 3 June.

18 June demonstrating at Hawkesbury Hospital.

29 July open day at Cananjara cottage.

27 August Demo at Murroota muster at local School.

Western & Blue Mountains Region demonstrating at St Mary's Development Committee Spring Festival.

8 October demo at Linwood house.

Western supplied a written report of recent & future activities.

Southern highlands Region advised that Terry Baker is demonstrating only on the Saturday.

Southern Region advised the Hazlehurst Gallery display is on 17 June 06.

29 May Clive Brooks from Sorby is demonstrating.

26-28 August demonstrating by Vaughan Richmond, the Monday will be hands on at \$60 a head.

October visit to Gunnedah planned.

Agenda Item:

Cut off day for the next issue of BH&E is Friday 2 June.

A number of members have expressed concern at the small size font used in BH&E.

General business

Barry Gardner took the floor & explained incorporation issues. He then answered question from the floor.

Barry is still waiting for correspondence from Fair Trading.

The committee is to consider a date for a Special General meeting to vote on Special Resolutions & other Resolutions, suggested 4 August or later.

WWW Show. There are a number of OH&S that must be adhered to whilst demonstrating & exhibiting at the show.

Clive has paid \$275 for Exhibitor tickets.

Barry Grainger moved that Clive be re-imbursed for the cost, seconded Kevin Santwyk, carried.

Meeting closed 8.504.

Agenda Items: Incorporation, WWW Show, Items for BH&E.