



The Bayside Woodies Newsletter

NOVEMBER 2011

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The Bayside Woodturners & Woodcrafters Club Inc. would like to state, that it's objective in reporting various articles & advice in our Newsletter & communication, both verbal and written, is merely to disseminate information, and not to make recommendations or directives. Bayside Woodturners & Woodcrafters Club Inc. would like to state, that the views expressed therein are not necessarily those of Bayside Woodturners & Woodcrafters Club

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Presidents Report.

Where has this month gone it was only yesterday that I was thinking what to write for last newsletter There are still a number of our members on the sick list I am sure that our best wishes for a speedy recovery are with them all.

October has been a busy month for the Club what with the display in Gatton (end of September) Rob Mc Gregory's demo. Displays at Moreton Shores & Moreton Bay College Gumdale School Fete

Demo by Graham Sprout

Rob's demo was to his usual standard and a brilliant demo. I believe that Milton will have a lot of details somewhere in the newsletter.

Displays

Moreton Shores

Moreton Bay College

Gumdale School Fete

Brian Fairbrother makes a DVD of our demos, if you would like a copy for yourself they will be available at \$2.00 each, Derrick will take your order and pass it on to Brian.

Demos this month The Gwynne Family. We will have a BBQ lunch following the demo, and on the 26th Nov. Will be Eric Cameron all about Index Bowl Turning

That it from me this month only a short one again.

Bill S

President

Editorial.

Special thanks must go out to several members whom have done a little extra over the past few weeks, one being Colin McAlister, Colin has been busy repairing broken or missing wooden Jigsaw puzzles for the Gumdale Primary School.

The other members are Derek Stringfellow and Eric Cameron, with cleaning to the club rooms and gutters.

Thanks for your effort from all members.

The Morton Bay Girls Fete was a flop, not even the students or parents supported this event, but what a thunder storm to finish this afternoon.

The Gumdale School Fete was a different matter, there were probably thousands of children and parents in attendance , well it looked that way, the oval was packed the stall holders did a ripping trade, between myself and a couple of other members there probably weren't too many books left for sale, but the bar, well that seemed well patronized.

Congratulations to Gumdale School Organizers, a job well done, then we were entertained by a fantastic Fireworks Display..

Committee Meetings

The first Thursday night of each month 6-30 sharp.

Trips away.

Nov 2011	19th	Y.E.T Festival. Cedar Creek 9 to 3pm.
June 2012	3 rd	Redlands Heritage Festival
June 2012	15 th to 17 th	Q-Turn

Don't forget

6 Weeks away is

The Xmas Break up.

Don't forget your club
needs items for the
Raffle.

You might like to donate a piece from your collection of masterpieces, a bottle of wine, a box of biscuits, or other Xmas goodies.

And don't forget to enter into the Gallery Section.

Aid and Recreational Association for the Disabled. [A.R.A.D.]

This Association is a voluntary organization providing activities for disabled people, based in Wynnum North.

The Association is currently in need of someone who is interested in woodworking and is willing to volunteer their time to prepare work and assist disabled people with the construction of small items. The days are Monday and / or Fridays between the hours of 9 30am and 1 45pm or part thereof, with morning tea and lunch stops during that time.

There is a small selection of tools and patterns and a limited supply of timber available.

If any member is interested with assisting this Group, please contact Dawn ph 33960865 or 33965797

FIRST DEMO DAY.

The Gwynne Clan arrives in town.

The First Demo in November which will be the Saturday of the 5th is a Very Special Event We have a Brother, Sister-in-law and a second Brother to show off their skills. This will be a great day, and yes the lady [Jill] will probably show up the boys [a usual]. Once again this event will be followed by another B B Lunch.

Second Demo Day 3rd Sat of the mth.

A CHANGE OF DEMONSTRATER.

The 26th of Nov will be another interesting day, with our own Ed Newbury entertaining us with a special Demo.

Demo Day, 22nd Oct.

Graham Sprout excelled again with some very fine turning and spellbound some of our members once again with his knowledge of the lathe, if you missed this demo, then you must have been crook, because no one should miss our demos, these Demo's are to benefit the members and to assist and guide you into some wider aspects of turning, so take off your blinkers and enjoy all the different forms of turning.



Thought of the Month.

Don't go for looks; they can deceive

Don't go for wealth; even that fades away

Go for someone who makes you smile

Because it takes only a smile to make a dark day seems bright

Find the one who makes your heart smile!

PROJECT:

Golden Mean (PHI) Ruler

By Bob Hains

The Golden Mean ratio is something that applies in nature. Psychological tests have shown that the rectangle formed by this ratio is preferred by human beings over all other rectangles. The ancient Greek and Renaissance artists understood this well and the golden mean ratio and the golden mean proportions became widely used throughout art and architecture.

A golden mean ruler can be used for calculating box dimensions as well as in determining the optimal (most pleasing) size of bowls and turned items.

In a golden mean rectangle the length is in proportion to the width by a ratio of 1.61803399 to 1.



| 1.618... | 1 |

The spacing between the legs of the ruler is the proportionate measurements.

List of Materials needed:

3 standard wooden rulers which you will find are 311mm in overall length.

4 of 3/16" X 3/8" small bolts and nuts. If you use 1/2" length they will need to be cut or ground off.

STEPS

1 Check two rulers to see that "0" is in the same position then rule a pencil line across the ruler at that point.

2. Cut off the two rulers at the 290mm mark on the ruler.

3. Take a 3rd ruler and mark a line across at 183mm from the end of the ruler (NOT from "0" as for the first 2 rulers). Cut to the line and the cut off will be 127mm in length (provided a thin blade is used to cut the piece). The length of the cut off piece is not critical but the 183mm piece is. Clean up all the cut ends with sandpaper.

4. On the short (127mm) piece mark a point 10mm in from the cut end and at the centre of the ruler.

5. Mark a second point on the same piece 117mm from the cut end which will give a spacing of exactly 107mm between the two points.

6. Fasten the four pieces together with masking tape with all the cut ends at the same end.
7. Use a jig, or by hand, drill two 3/16" holes exactly centred on the two marks so the drilled holes are exactly 107mm apart.
8. Mark all the cut ends, and the other end as well on the short piece, for rounding.
9. On the two long pieces mark the centre at "0" where you ruled the line across. Then form a "V" by going from the centre at 0 to 30mm on each side. The "0" point will be exactly 280mm from the centre of the hole at the other end.
10. On the 183mm piece mark the centre at the very end of the piece then draw the V lines back to 30mm from the end. The point will be exactly 173mm from the centre of the hole at the other end.
11. Cut the three angled ends.
12. Round the 5 ends you have marked.
13. Assemble to test the pieces fit and then finish with wipe on poly or your choice of finish.
14. The nuts can be locked into position with Loctite, nail polish or glue (with some care on placement if glue is used).

J & C
Thin Timber Supplies.
17 Van Doren Rd
Gympie.
Ph--- (07) 54828561.

For all timber supplies for Scrollsaw, Antarsia and Box-Making.

Fill-ins;

Paddy was driving home, drunk as a skunk, suddenly he has to swerve to avoid a tree, then another, then another.

A cop car pulls him over as he veers about all over the road.

Paddy tells the cop about all the trees in the road.

Cop says "For gods sake Paddy, that's your air freshener swinging about.

Paddy's in jail. Guard looks in his cell and sees him hanging by his feet.

"What the hell you doing?" he asks.

"Hanging myself" Paddy replies.

"It should be around your neck" says the Guard.

"I know" says Paddy "but I couldn't breathe".

An answer I can understand. An American tourist asks an Irishman:

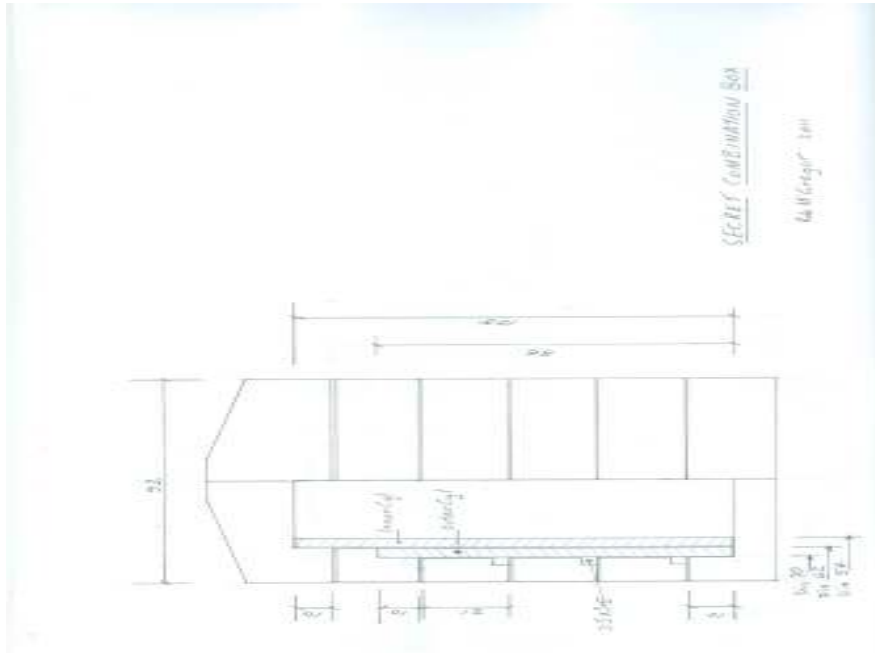
"Why do Scuba divers always fall backwards off their boats?"

To which the Irishman replies: "If they fell forwards, they'd still be in the bloody boat."

SECRET COMBINATION BOX

Rob McGregor (2011)

1. Things to consider: - the size of the box required; materials available or alternatively, material to be obtained.
2. Make a detailed drawing as there will be several critical measurements which will affect the outcome of the box.
The box is made up of two close fitting cylinders; outer rings which fit closely to the cylinder; top & base, each being fixed to a cylinder. Locking pins which run in groves in the outer rings must be machined precisely.
3. Turn the inner cylinder; OD 62mm with an ID about 52mm
4. Turn outer cylinder to an OD 70 mm & hollow to a clearance fit of the inner cylinder.
5. Turn the outer body to an OD of 93mm.
6. Form the base & part off the rest of the body.
7. Hollow to a clearance fit of the outer cylinder. The body will be made into rings, so it is not necessary to complete the total hollowing in one shot –just enough for a ring & a bit more.
8. Form the groove in which the locking pin will locate; 3.5X3.5mm. Shape the edges of the ring. With a parting tool form a groove, but don't part off completely. Stop the lathe & with a fine saw cut the ring off the blank.
9. Repeat steps 7 & 8 to form two more rings. Number the rings as they are made.
10. Make the top ring. This ring will be at the top of the outer cylinder; with a step it will retain the three loose rings between the base at the other end of the outer cylinder. The inner cylinder will need to pass through this ring with a clearance fit.
11. All five pieces will need to be rechucked to finish off the other side. The base will be recessed to accept the outer cylinder.
12. The outer cylinder can be parted off to the correct length, allowing clearance to be able to spin the three separate rings.
13. Slide the inner cylinder into the outer cylinder; mark the position at the top of the top ring. Allow extra for the recess into the lid & cut the cylinder to length.
14. Place the outer cylinder into position in the base; mark around the cylinder the top of each ring.
15. On the outer cylinder mark three vertical lines, 120 degrees apart, 4mm wide.
16. Each of these lines are now to be slotted; one to the top of the base; one to the top of the 3rd ring' one to the top of the 2nd ring.
17. Assemble the top ring & base on to the outer cylinder. Mark the position of each to the cylinder so that each time they are assembled they are in exactly the same position.
18. Place the inner cylinder in position & drill the bottom position of each of the slots. This is the position of the locating pins in the inner cylinder. The pins are attached to the inner cylinder, protrude through the slots in the outer cylinder & into the groove it he bottom of the 3 rings item 8. I used bamboo skewers, so drill a hole for a tight fit.
19. Assemble the five rings on the outer cylinder; rotate the three moveable rings until they are in the desired position. You may want to line up the grain or later make your own marks or decorate the outside so that you line up your secret points to unlock the lid later. Mark all pieces temporarily so that all pieces are assembled in exactly the same position.
20. Mark from inside, the slot on each of the rotating rings. Make this slot in the ring to the same depth of the groove already there.
21. Complete the slot in the top ring.
22. Cut & fit the pins to the inner cylinder, fit the inner cylinder to the top.
23. Assemble everything dry to make sure everything fits. Rotate the rings, position to alignment and the lid should slide out. This is the time to make adjustments before gluing the top ring & base to the outer cylinder and the top to the inner cylinder.
24. All decoration & finishes should be completed prior to final assembly.



Demo DVDS

As you are aware, Brian videos all Demos at the club, and if you would like a copy of these DVDs contact Brian or Derrick, and place an order, the cost will be \$2 per copy, half goes to Brian as his time and product are being used, and the other half going to the club, which will again assist with day to day running expense's

The Club wishes to thank

Mr Michael Choi. MP. Qld Parliament.
Member for Capalaba. PH 07 3245 6950

www.capalaba-mp.com.au

And the staff from the Office, who are always helpful.

For the printing of the Club's Newsletter and all other printing that you're Club requires

Christmas Breakup

**Our Christmas breakup is not far away
and as follow-up from the “popular
choice” during the year we hope that**

there will be great display of our work at the breakup

There will be a medallion for the popular choice in these sections

Turning Carving Machinery Scroll Saw Burning Combination

And very nice “trophy” for the item attracting the most popular choice votes

**To make all this happen bring along some of your
creations for the display and make sure you put in a
vote**

How to enter your “popular vote”

**Booklets containing a ticket for each class will on
hand**

1. just write the number of your choice
2. place it in the container provided
3. the tickets will be counted the highest vote

gets the points.

Contact Bill S or Clara if you can assist, but don't forget
many hands make light work, even if you can do a little
it's better than nothing.