



# Space Coast Woodturners

## Minutes/Newsletter of Space Coast Woodturners – July 10, 2013

Submitted by Dotty Pugh – Secretary

Just a reminder – the meetings are held on the **second Wednesday** of the month from 7:00 – 9:00 PM and the hands-on sessions are held on the **third Saturday** of the month from 9:00 AM – Noon at Melbourne Village.

- \* **President Read Johnson** called the meeting to order at 7:01 PM. He welcomed everyone and asked if there were any guests. There was one guest – Tom Yarbrough.
- \* **Secretary's Report** – Nothing to report.
- \* **Treasurer's Report** – **Harvey Driver** said we have just over \$xxxx.xx in the account.
- \* **Vice President's Report** – **Russ Bremmer** – announced that Lee Sky, from Fort Lauderdale, Florida, would be the demonstrator for the evening and he would be showing how to make Miniature Hats. The VP Challenge for August will be **P, Q or R**. July's hands-on session will be How to Sharpen and Use the Spindle Roughing Gouge.
- \* **Supply Master** – **Jim Donovan** reported that the club order had arrived, but the burnishers were on back order. Jim also reminded us that when we place an order to specify what grit sandpaper you want, what finish on pens, size of adapters, etc. Also to use the internet part numbers if you got the information from the internet or the catalog numbers if you got the information from the catalog. If you don't specify colors, numbers, sizes, part numbers, etc, you probably will be upset when you don't get what you wanted. Jim is not a mind reader, so it's your responsibility to give him all of the correct information.
- \* **DVD Librarian/Store Manager** – **Tom Weber** had no new DVD's and the 1 x 8 extenders had arrived but the 1 1/4 had not arrived yet. They were expected the next day. Contact Tom if you ordered one of the extenders and were not at the meeting.
- \* **Chuck Billings** said that he had several name tags and if you had joined the club within the last few months and didn't have your nametag yet, to see him before the end of the meeting.
- \* **Web Master - Bill Howard** mentioned that there are items for sale on our website and that there are other items of interest. Go to [spacecoastwoodturners.com](http://spacecoastwoodturners.com) and see what is available. We also have a FaceBook page with photos, and other items of interest.
- \* **Wynn Arnold** had a truck full of wood for sale – Donate whatever you feel is appropriate for the wood you take. Donations go to the club. Thanks Wynn for supplying lots of wood! You should take advantage of Wynn's generosity. He voluntarily gets wood and brings it to the meetings so you don't have to hunt it down yourself.
- \* **Glenn Baxter** – There are still some people who have not filled out the Member Profile and if you haven't, you need to get in touch with Glenn. The profile only takes a few minutes to fill out. The profile is used to connect new members, and others, with someone who knows how to do what others want to learn.

# SPACE COAST WOODTURNERS

\* **AAW National Symposium in Tampa, FL on June 28, 29, and 30, 2013** was a big success. I enjoyed it and I'm sure everyone that attended enjoyed it, too. There were so many things to see and a lot of interesting demonstrations. I took a lot of pictures at the instant gallery and I will include some of them later in the newsletter.

**Gary Greenberg** is involved with Freedom Pens (Pens for Soldiers) and would like to challenge every member of our club to turn a pen (or lots of pens, if you would like to) and donate it (them) to this program. He had around 1,000 pens this year and would like to have 2,000 pens for next year's convention. He also had good things to say about the AAW Annual Symposium and our club's participation that allowed several our members to attend courtesy of the AAW.

## SHOW & TELL

Dave Search – “Batter Up” wine goblets – the bat was the stem and the ball was the base of the goblets – Mahogany

Neil Earnhardt – Pen, Honduran Rosewood Burl

Gary Christensen – Side Table – Three circles attached to each other and turned legs

Ron Miller – Natural Edge Vase

Bill Goodson – Vase, Indian Rosewood

Al Gustave – Platter, Inset and Epoxy as shown by Marilyn Campbell at the AAW Symposium

Don Tyler – First Open Segmented Bowl, Black Walnut & Poplar – contained 122 pieces (with more pieces flying around the shop from the “explosion”)

Rick DeTorre – Bowl, Bay Wood

Lee Sky – Bowl, Textured & colored as shown by Nick Agar at the AAW Symposium (Nick gave the bowl to a friend of Lee's who was the demonstrator's assistant and Lee made one like it)

Mike McLane – Vase, Airbrushed with Hot Rod Paint; Lidded box with finial, also airbrushed with hot rod paint

Tom Weber – Salad Bowl Set with Spoon & Fork

## VP Challenge – JIGS

Julian Pharis – Cyclone Dust Separator for trash can

Lee Sky – Box form to hold blank to make wooden #2 MT (Morse Taper); wooden #2 MT with metal piece embedded in end for turning pens; jig to align pepper mill holes

Gary Christensen – Story Stick from “Shop Notes” magazine and a compass for making circles

Tom Weber - Holder slotted to make & finish the bottom of eggs; a collet; pen miter to inset stripes

George Guadiane – Jig for table saw to make stave segmented vases

Read Johnson – Spindle steady rest made from Corian and inline skate wheels

Rick DeTorre - #2 MT to make bracelets

Terry Justice – Threading mill with #2 MT that can be used on the lathe

Frank Worrall – Slide for band saw to make 12 segments (instead of using a table saw); sanding jig

Harvey Driver – Sphere making jig – slides in and out for different size spheres, with rail to fits on lathe ways; a jig to determine the minimum and maximum size for making a wooden #2 MT; #2 MT with a nail in the end that replaces a safe drive

John Cannon – “Witches Hat” for segment rings; block with wedge to use with a sanding belt for hand sanding

Winner of drawing – Gary Christensen

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Read Johnson mentioned that the “Turning Southern Style” Symposium would be held in Dalton, Georgia on Friday, September 20, through Sunday, September 22, 2013. Check with GAW (Georgia Area Woodturners) or AAW for registration information.

A few questions for everyone – Would you like to continue to see the names of the people and what they made for Show & Tell and VP Challenge or not? Is this something of interest to you or is it something that should be deleted in the newsletter? Let me know. Send comments to [dottyp51@gmail.com](mailto:dottyp51@gmail.com) I am trying to make the newsletter as interesting to the majority as possible and to make you feel like you were at the meetings even if you weren't there.

# SPACE COAST WOODTURNERS

## RAFFLE DRAWING WINNERS:

\$10.00 Gift Certificate – George Guadiane

\$10.00 Gift Certificate – Charlie Ceclre

\$10.00 Gift Certificate – David Lee

Free DVD Rental – Wynn Arnold

**Bring Back Item** – Donated by Randy Hardy – Winner – Sean Williams

**Share-the-Wealth Item** – Donated by Gary Christensen - Winner – Bill Goodson

## Photos of a few of the items that I was interested in from the AAW Symposium in Tampa, 2013



# SPACE COAST WOODTURNERS

## LEE SKY – DEMONSTRATING HOW TO MAKE MINIATURE HATS

Lee has been turning for about 13 years. Generally he can look at an item and figure out how to turn it. He uses freshly cut wet wood. For the demo tonight he will be using Bottlebrush tree burls. These are burls that grow around a branch instead of on the trunk. Lee likes to use these because the pith is higher up and it gives more usable wood. The grain in a burl goes in all directions, can be twisted and moves a lot. Most fruit wood (apple, pear, citrus, etc.) changes shape a lot as it dries. When he makes a hat, miniature or regular sized, he likes to make a head-shaped base for it, because it gives the hat more visibility than just having it just sitting on a table.

He talked a little about safety in the shop – ALWAYS wear safety glasses or a face shield and a dust mask.

Lee uses a 4 spur drive in the headstock and uses the tail stock for support. This is spindle turning, so it is OK to use the Spindle Roughing Gouge to begin turning the burl to round. NEVER use a Spindle Roughing Gouge to turn a bowl. The tang is not strong enough to handle the stress. More about Spindle Roughing Gouges (SRG) in the hands-on session on Saturday, July 20.

- \* Rough out blank until it is round (cylindrical)
- \* Turn a tenon on whichever end you determine is the best for what you are making – in this case, the miniature hat
- \* You can and should adjust where the different parts of the hat (brim, crown, etc.) will be depending on what is present in the wood – problem areas such as knots, bark inclusions, etc., as these can affect the strength and appearance of the hat.
- \* Start shaping the top side of the rim & crown of the hat. Lee used a 3/8" spindle gouge.

The question was asked if there were any rules about the ratio between the size of the rim to the height of the crown. Lee said that there really wasn't a rule about this, but it depends on the type of hat you are making whether the rim is wide or narrow and whether the crown is tall or short. Ultimately, how it looks is up to the person making the hat.

- \* At the bottom of the crown, create a flat or undercut area so the rim has room to curl up. After some of the shaping has taken place, re-evaluate where problem areas are and determine if you need to move the crown or the rim of the hat. Switch to a Detail Gouge. Continue shaping the hat. Make the height of the crown and the diameter of the rim pleasing to you.
- \* Leave about 1/4" for the rim and part off. Do this in several passes. Leave a little "wiggle room" (clearance) for the parting tool.
- \* Turn piece around and mount in chuck. Make sure piece is seated fully in the chuck. Instead of just holding the piece in one hand and tightening the chuck with the other, press the piece firmly with your hand from the tailstock side into the chuck. This ensures that the piece is mounted securely.
- \* True up bottom of where the rim will be. Make area where rim joins the crown slightly rounded so it won't crack in this area.
- \* Thin out rim – get it close to the thickness that you want. Put a light behind the rim to show how thin the rim is getting.

Lee mentioned that you should keep your elbows close to your body and shift your body instead of just using your arms. You can control the tool more easily this way. Movements of the tool at the tip are slower and more controlled.

- \* Use scraping cut GENTLY on the first part of the rim (outer edge) until it flexes the amount you like. Then move tool towards the center and thin it to the same thickness as the edge. Don't go back to the outer edge – it will probably break.
- \* Sand WET on both sides of the rim & sides of the crown. Start at about 180 grit and proceed through 400 – 600 grit.
- \* Re-tighten chuck. The wood is drying out while it is being turned and will shrink some.
- \* Bore a hole with your tool point at dead center of the piece.
- \* Start hollowing with spindle gouge. Use round nose scraper to hollow out more. Have tool tip at dead center or slightly above center. Remove chips frequently. Control tool with thumb and forefinger. Make short, gentle movements.
- \* Check for even thickness between rim & crown. Before crown gets too thin, draw on "band" using colored pencil or piece of ebony.

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## Lee Sky – Miniature Hat Demo (continued)

- \* Hollow out the crown the rest of the way. The top of the crown can be a little thicker than the walls. There will not be a great amount of weight, since the hat is very small.
- \* Remove chips and dust from the hollowing frequently. Because the walls are so thin, the accumulation of the chips can cause the piece to blow up.
- \* Use round nose scraper to shape the outside of the top of the crown. **BE CAREFUL NOW – THE RIM WILL FLEX A LOT.**
- \* Remove some of the waste wood at the top of the crown so you will have some room to work. Undercut around the edge of the crown and part off.
- \* Using the piece of wood that is still in the chuck, make a jam chuck that fits inside the hat so you can finish off the top of the crown. Don't put hat on jam chuck while the lathe is turning. Wet wood to wet wood will grab & break the hat.
- \* Don't force the hat on the jam chuck, either. It can crack. If the jam chuck is a little small, you can add a little water to make it swell up a little, but don't use too much water or it will be too big again.
- \* **GENTLY** use scraper or gouge to finish top of crown. Sand top like you sanded the rest of the piece.

You have finished turning your hat. Now you need to shape it. Lee made a jig for this step. It is a piece of wood that is curved and has a hole in it for the crown to sit in. There are nails driven into the sides at various places. Before putting the crown into the hole of the jig, determine if there are any holes in the hat crown from knots, etc. and place the hole(s) so they are in a pleasing location. Put the crown in the hole and place rubber bands across the brim from one side to the other. Make sure the bands are straight, not twisted. Let hat dry completely before removing the rubber bands.

For any questions or how to make the jig, go to Lee's website [www.leeskywoodart.com](http://www.leeskywoodart.com) and go to CONTACT.



Some of the miniature hats made by Lee Sky.

Same hats, different view

The hat on the head below arrow was donated by Lee to our club & will be auctioned off next month.

Thanks Lee for a great demonstration and thanks for your donation.

# SPACE COAST WOODTURNERS

The Chapter's Purposes, in addition to supporting the general purposes of the AMERICAN ASSOCIATION of WOODTURNERS, Inc., are to:

1. Provide a meeting place for local woodturners
2. Share ideas and techniques regarding this craft
3. Trade woods
4. Exchange ideas about tools
5. Exhibit finished projects

## Officers:

President: **Read Johnson**

772-567-1791

Vice President: **Russ Bremmer**

321-698-1278

Secretary: **Dotty Pugh**

321-749-3760

Treasurer: **Harvey Driver**

321-757-8579

Web Master: **Bill Howard**

321-794-8993 E-mail:

[BillH@spacecoastwoodturners.com](mailto:BillH@spacecoastwoodturners.com)



## Hands-On Session July 20, 2013 – How to Sharpen and Use the Spindle Roughing Gouge

Videos on You Tube – Woodturning Safety Basics by Craft Supplies

Woodturning Online with Tim Yoder – Sharpening Spindle Roughing Gouge

Terry Justice was “volunteered” as the sharpening Guru and his instructions were clear and very helpful. He showed us how to sharpen and then stood by while we sharpened our own gouge. He made corrections if necessary and generally made us feel comfortable while doing something new to us or things we had been doing incorrectly in the past.



Terry showing correct angle of gouge



Sally Deabenderfer giving it a try



Betty Quianthy also giving it a try



Terry correcting a bad grind



Correctly sharpened – back view



Correctly sharpened – front view