

Woodchuck Chatter



Volume 4, Issue 2

February 8, 2007

Special points of interest:

- Random Shots:
- Woodchuck News
- What's Coming Up

February 15th Meeting

This month, Russ Fellows and Arny Spahn will demonstrate the design and construction of a variety of layered, segmented, laminated vessels.

We will meet at 7:00 PM at the Woodbury shop on Pine Street



in Burlington. Our thanks go to Scott Bennett for allowing us to meet there monthly.

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January Secretary's Notes

January Minutes

There were 26 members present.

Bill Rowley, our Librarian, has been working on the library. He reports there are 30 unaccounted for videos. Please check at home to see if you have one. He has made up sign out cards for each video and is working on a computerized list that he will distribute. He could use help making an annotated list that describes the contents of each video. Help in copying videos or to DVD format would be appreciated. The new 2006 AAW DVDs are in now.

Ted asks that new members fill out the long form so he has all your information.

\$50 has been sent to the

craft relief fund for hurricane Katrina victims.

Ted has had problems with e-mail and not been able to send



Ralph's hybrid noise reduction "ears"

out the Treasurer's report. An updated report will appear in this issue of the Chatter.

Please update your e-mail address with Ralph if Comcast has replaced Adelphia in your life.

Is there interest in another Anchorseal order? Contact Ralph if interested.

The annual dues of \$20 is due. Please pay Ted. (make him smile).

Al Stirt reports that there are scholarships for his class and others at the Anderson ranch. Check their web site at www.andersonranch.org.

There is a show of Vermont furniture makers running at the Chandler gallery in

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Random Shots

Woodchuck Chatter

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Woodchuck Chatter will be published monthly. Deadline for submissions is the 7th of the month. Please E-mail all submissions to the Editor in text or Word format. Visuals can be submitted as JPEG or TIFF.

There have been a number of disastrous fires around Vermont this winter. Locally, two acquaintances have each had a garage fire. One of the fires was in the garage/workshop of the best carpenter/contractor in central Vermont. He was in Texas visiting when it happened. He lost his truck and many stationary tools. They don't know what caused the fire.

The other fire was just down the road from me. The couple had just run down town for a few supplies before taking off with their trailered snowmobiles. They heard the fire trucks leaving the station and by the time they got to Hebard Hill, their garage was fully engulfed. They lost 3 motorcycles, ATVs, snowmobiles— all their favorite “toys”. An electrical source is suspected.

Larry, the contractor, was “fully insured.” That means he will have to pay a deductible and get back a large percentage of the replacement cost of his loss. Fortunately, most of his power tools were at a job site so he lost very little productive time, and his crew is rebuilding the shop/garage.

I don't know about my neighbor, the wheels enthusiast. He should have the normal fire & theft insurance.

Regardless of the ignition source, the common factor is that both places had a lot of accelerants stored there. It makes me think of the time bomb I have in my cellar. I've got plenty of cans of flammables, lots of wood, and a quantity of loose sawdust down there.

I would like to think that I have taken necessary precau-

tions against fire, but maybe I have missed something. My wiring was all professionally installed using copper rather than aluminum. My furnace is inspected annually. All liquid accelerants have been moved 10' away from the furnace. I frequently vacuum. Frequently meaning more than once a year. Any time I have to use an open flame, I am careful about where and what's near. I unplug any heat source when not in use.

I also have insurance updated every couple of years. I don't want to go broke paying premiums, but I want to replace much of the house contents.

Take a minute to think about safe practices in your own shops. A little prevention now might mean keeping safe all you enjoy and treasure.

Arny

Secretary's Report continued

Randolph through February 25th. See www.chandler-arts.org.

There is \$60,000 in grants available for marketing from the Vermont Marketing Council.

Coming up:

February: Stacked laminated bowls by Arny Spahn and Russ Fellows

March: Shaping and sharpening the bowl gouge by Ralph.

April: Barrel shaped box by Ted

Round Table items:

Ralph showed his Mickey

mouse ears with ipod ear buds built into them for use while sanding (which he doesn't do with the lathe turning). He is currently doing “humble bowls” with no sanding. For the increased amount of sharpening required he has taped together the round and flat diamond files. The small cone is sold by DMT as a serrated knife sharpener. He reports that Allen Lacer is making a small diamond honing cone.



Joe Barry reports that his article on doing layout with dividers is in print in the new issue of American Period Furniture.

Herb demonstrated his adventures in bowl wall thickness failures and translucency.



Scholarships Available

Susan Working, program director for the woodworking courses at Anderson Ranch Arts Center has announced the availability of scholarships for 2007. These are granted for woodturning courses at the Anderson Ranch in Snowmass Village, Colorado. They are granted on: the potential for individual artistic development, diversity and financial need. Interested persons may get further details as well as the application form at www.andersonranch.org.

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Bob martin had a metal eagle that he had mounted to a maple backing. He also showed his method for grinding an open ended wrench for cutting tenons to size.

Joe Laferriere showed his Trend particle mask which filters down to 3 microns. A source is: www.AirwareAmeria.com



It costs \$235. Battery life is 4 hours per charge and an extra costs \$35. He reports that his problems with Butternut dust have



solved with this mask.

Ralph reports that he also has a Trend and likes it. Hav Smith uses a Triton which he reports works great. The Triton has the bat-



tery on a belt that reduces the weight on the head and neck. It filters down to 1 micron. Joe Laferriere also had a yellow birch burl bow from a tree planted in 1919, and a Russ Fellows segmented bowl.

Russ had a large segmented piece about 6" x 22" made from brewery cypress. ("And, just what is it you're doing in the shop? You smell like a brewery!!!) He is using an Inkra 3000 jig to do his segments on a disk sander. It is accurate to 1/2 degree and costs \$175.

Kevin Parks had fitted lid bowls.

Paul Willard discussed his box fan with furnace filter air cleaner. The plans are from Wood magazine of October 2006. He has it set up to come on with the lights. He is using



Armorall made for car seats to prevent



Padauk from darkening. It is compatible with friction finish. Greg Drew reports that sun block can also be used. He reports that there is a 24 hour woodworking channel at www.thewoodworkingchannel.com.

Arny discussed the hazards of fine dust in the shop and mentioned that lead contamina-

tion in shooting facilities is best cleaned using either HEPA filtered vacuums or wet-mops. Those methods would also be a better solution to our dust problems than dry brooming the dust. He demonstrated a wooden wrench he made to hold his work. He also had a small ambrosia red maple bowl.

Greg Drew had a sugar maple bowl

Chris Gruning??? Is a beginner looking for an apprenticeship. Ted will send out the mentors list for updating.



Randy has been very busy. He had his home made hollowing tools made from Form tips; an elbow anti-torque tool; a new post for his coring system; and a "crash cart" with his vacuum chuck set-up. He used a Surplus Center pump and a ball bearing fitted into



his Nova hand wheel with a bead of silicone.



Fun Foam on the chucks provides a soft non-marking seal. He also had 2 hollow forms in Cherry and Apple. He turned them green and finished with Sutherland Wells' Millie's Oil. Ralph reports that multiple thin coats work better than flooding with this oil which will

(Continued on page 5)

Ted's Turn : Horsepower

In House Demos:

Feb. 15th:
Assembling stacked/laminated/segmented bowls;
Russ Fellows & Army Spahn

Mar. 15th: Shaping & sharpening bowl gouges for wet turning; Ralph Tursini.

April 19th: Barrel-shaped lidded box project; Ted Fink.

Have you ever heard a woodturner describe his or her lathe without mentioning the horsepower of the motor? I haven't either. The horsepower of the motor determines, as much as anything else, the capacity of the lathe. With more horsepower you can turn larger pieces and, because you can take much heavier cuts, work more quickly and enjoyably – who doesn't take great pleasure in seeing that wide ribbon of wood coming off a green turning?

James Watt coined the term horsepower in 1782 as he was marketing his improved version of the steam engine. He was working in a coal mine at the time and determined that a mine pony could lift 22,000 lbs. of coal 1 foot in 1 minute. He figured that a horse, being stronger than a pony, would be able to lift 50% more i.e. 33,000 foot pounds/ minute. This worked out to be 746 watts which he designated to be 1 horsepower.

The horsepower of your lathe's motor will be indicated on the nameplate along with other useful information such as amperage and voltage. Horsepower ratings are not regulated as amperage is so can be misleading. Be careful as to claims of horsepower made by marketers. You can calculate the hp of the motor using the following formula: $hp = \text{amps} \times \text{volts} / 746$. So if your motor runs at 10 amps and is wired for 220 volts your horsepower should be equal to 10×220 divided by 746 or 2.95 hp. Of course there are inefficiencies in every motor. One is a power factor (pf) which has to do the way the motor is manufactured to convert electrical to mechanical power. The other has to do with efficiency of the motor and heat generation through resistance. This is designated eff.

For example on my 2 hp Oneway drive system on my Powermatic lathe which uses a Marathon motor, it has a pf of 87.5 and an efficiency rating of 76.2. These factors need to be put in the equation before you can determine your hp more accurately. The new equation is:

$$hp = \text{Amps} \times \text{volts} / 746 \times .875 \text{ (pf)} \times .762 \text{ (eff)}$$

$$hp = 1.97, \text{ very close to the hp advertised for this motor.}$$

Remember that you will pay more for the extra horsepower because you are charged for watts used by the electric company (1hp = 746 watts). The offset though is that with that greater horsepower you can get much more done in any given time period. To maximize your motor's hp use short extension cords that are of heavy gauge 12 or even 10. These will have less inherent resistance.

Ted Fink

Treasurer's report

Treasurer's Report as of 1/23/07

| | |
|---|-----------|
| Balance forward | \$2438.16 |
| Income | |
| Raffles | 42 |
| Dues | 320 |
| Expenses | |
| Nat Symp.3DVD's | 75.95 |
| Video Library supplies | 30.09 |
| CERF (Craft Emergency Relief Fund) donation | 50.00 |

Balance Forward **\$2644.12**
Ted Fink



New Members:
Please welcome:
Kevin R Parks
KevJacMag@comcast.net
34 Margaret St Essex, VT
05452
338 1560

Ted

Policy on AAW Liability Insurance

Members of WTNV who are giving public demonstrations are covered by the AAW-sponsored liability policy under the following conditions:

You must be a member of AAW and WTNV.

The event must be "sanctioned" by WTNV. That is, you must notify the Treasurer, who will provide a copy of the cover sheet for the policy.

Notify the editor of Chatter so you can be listed in Future

Woodchuck Sightings.

The demonstration must have wood turning as the main subject.



cause bleed out. A source for CA accelerator in larger quantity is Russell's Supply 2P-10 Solo Activator at \$10 for 12 oz.

Ted had new mats that were made for horse stalls. They are 1 inch thick and 4' x 6'. Seconds are



available for \$27 at the Tafts Corners Blue Seal store/Guy's Farm & Yard on Rt. 2A. He is finding that Holly doesn't crack or check. He had a cherry bowl with freckles from grinding chips when the tool had been freshly ground before

the final pass. He also is using a simple leather apron because he found that buttons and rivets made marks on bowls held to his chest while working on them.

Have reports using a laser depth finder with a level. He is chucking bowls of up to 18-20" with better control over how the sapwood pattern comes out. The



spur drive wasn't working. He puts a flat face on a half log, drills a 3 1/2" hole 3/4" deep with a drill press mounted Forstner bit. With the hole placed on the chuck, the stock is wiggled to the tailstock



Randy's vacuum regulator setup

placement desired before tightening the chuck.

Joe Barry

News From Away

[The Yankee Woodturning Symposium](#), scheduled for June 1-3, 2007 at Wesleyan University in Middletown, CT, promises to be an exciting event. We have an outstanding lineup of nationally and internationally known demonstrators who will be ably complemented by talented local turners. Featured demonstrators include: Jimmy Clewes, Michael Hosaluk, Jean-Francois Escoulen, Bob Rasand, Graeme Priddle, Johannes Michelsen, Mark Sfirri, Beth Ireland, Mark St. Leger, and Angelo lafrate.

There will be demonstrations for turners at all levels of skill and experience. We are planning to include a Youth/Novice room where young people will have the opportunity to try their hand at

woodturning. We are signing up vendors for the Trade Show and are organizing a raffle/silent auction, an Instant Gallery, and evening events. Log onto our website at

www.yankeewoodturningsymposium.org where you can find more specifics about the Symposium and download a registration form to return and reserve a space for you. The website will be regularly updated as more information becomes available.

We will also be mailing you a packet of flyers for the Symposium which we ask you to share with your club members. If the mailing address listed for your club in the AAW Directory is not current, please send me an updated version. Thank you for your interest, and we hope to see

many of you there in June.

Frank White
Secretary, Yankee Woodturners Association

[AAW Best Practices](#)

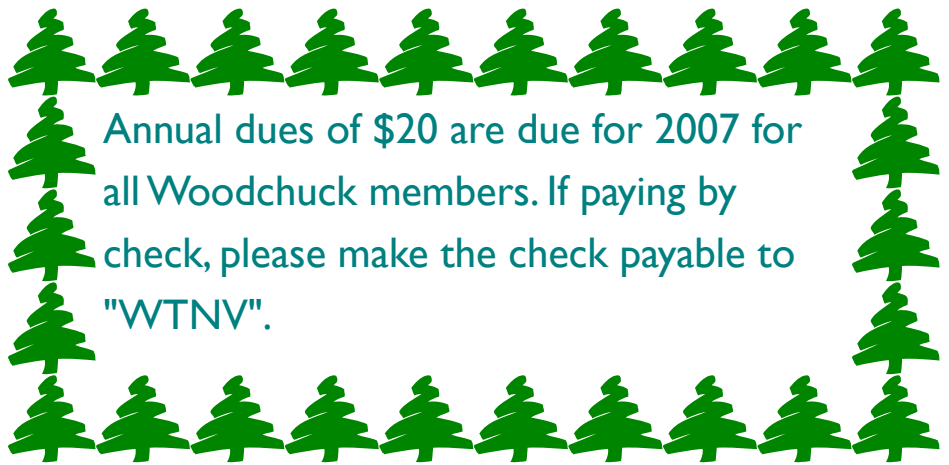
Through recent contacts, I am sure you are now familiar with the AAW's Best Practices Subcommittee. We are charged with obtaining and posting write-ups on planning, structure, and management of local chapters, for use by other local chapters and members, as aids. You can find these postings at <http://www.woodturner.org/community/chapters/practices>. Under "Best Practices Listings", you can take advantage of the subjects in blue. The subjects grayed-out are still under development. You may have an idea we haven't thought of! We plan to continue to contact you periodically to see if you have experiences that you would like to share with the rest of our

organization. Currently, we are seeking someone to produce a write-up on the subject of "Promoting a Demo". If you have had experience in this area and would be willing to share it with your fellow woodturners in the form of a write-up, we would like to hear from you. Please see our editorial policies link on the Web page. You may contact us or submit your write-up by e-mailing bestpractices@woodturner.org. Please pass this message along, both to encourage member participation, and as a reminder that Best Practices Write-ups are there for everyone's use.

Dan Luttrell, Chairman
AAW Best Practices Subcommittee

Woodchuck Turners of
Northern Vermont
An associated chapter
of
American Association of
Woodturners

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Annual dues of \$20 are due for 2007 for
all Woodchuck members. If paying by
check, please make the check payable to
"WTNV".

This Space For Mailing Label

Policy On Borrowing The Club Lathe and Tent

This is the policy which was formulated at the October 2004 Board meeting. It was first printed in the October 2004 Woodchuck Chatter.

The primary goal in buying these tools is to have good equipment available so we can demonstrate in public, thereby attracting new members and recruiting would-be turners.

All members in good standing (paid up dues) are eligible to bor-

row the equipment primarily for demonstration purposes. We may borrow the equipment for ONE WEEK at a time. The Treasurer is responsible for knowing where the equipment is at any time; therefore the borrower is responsible to sign the equipment out—by phone or in person— and back in.

The lathe and its parts are a unit. Don't ask to borrow only the chuck or other parts.

The borrower is responsible for transporting the equipment to and from its storage location. The

borrower is responsible for returning the equipment in excellent condition with all its parts intact.

The borrower is responsible for any liability rising from the use of the equipment.

Only club members may operate our lathe to avoid litigation by untrained turners.

The Chapter has first dibs on all equipment so that we can show our stuff at public events.