



Volume 23 No.9

September 2019

President – Bob Brown Vice President – Jim Chapman
Secretary - Barry Brandt Treasurer - Ron Cirincione

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Calendar of Events

September 5	General Meeting	Yacht Club	7:15 PM	John Winter – Scenery in Wood
September 18	Club Picnic	Tugaloo Pavilion		Details to follow
September 21	Board Meeting	Sloans	8:15 AM	All members welcome
October 3	General Meeting		7:15 PM	Shop Tours
October 12	Golf Outing	Tanasi	2:00 PM	

Board Meeting Highlights

The TVWC Board met on September 21, 2019. Twenty-five members were in attendance. The following items were discussed and, as appropriate, acted upon.

Secretary's Report Electronic communications have been excellent for the past month. Randall Morse, a potential resident of TV, has contacted the club concerning tools that are available from his furniture restoration business to be donated to our club for its members shared use. A committee of B. McKeel, J. Chapman, N. Kessler and B. Brown has volunteered to

review his inventory list to identify any tools that might be useful to the club.

Treasurers' Report The club presently has \$4375.38 in the Club Operations Fund, (\$158.09) in the Wood Operations Fund, (\$185.49) in the Special Wood Operations Fund, \$4750.06 in the Kiln Amortization Fund, \$2053.75 in the Toys for Tots Fund for a total ending balance of \$10835.61. To close out the Special Wood Purchase Fund, the Board agreed to cover the shortfall as a Wood Operations log procurement. When we cut and sell the additional Yeager logs, all of the proceeds can go into the Wood Operations Fund.

Community Service Projects Two special service projects have been completed this month. The Smokey Mountain Service Dogs have submitted a service project for their new training building.

Membership We added one new member last month for an estimated total club membership of 188.

Programs The September meeting will feature a presentation from John Winter who will speak on "Scenery in Wood". The October meeting will be our customary "Shop Tours". The field trip to West Penn Hardwoods and Klingspor Woodworking on October 24 to 25.

Wood Inventory The leftover white and red oak boards from the wood sale have filled up the storage area outside the kiln. B. Fagerlin, L. Donnelly, B. Barbre and B. Brown have volunteered to sort out the storage area to separate the boards into three categories – small pieces that are free for TFT projects, defective boards to be sold at a reduced price and regular quality boards to be sold at the normal price of \$1/board foot.

Kiln Status The kiln is currently empty.

Wood Sale This month's wood sale had 19 participants and we sold only 400bf from the last cutting of 1300bf.

Wood Cutting The next wood cutting was scheduled for August 27. We will cut primarily poplar logs which should speed up the process and thus require only one shift. There was much interest and support to cut smaller three quarter boards and also cut some eight quarter boards. Those

interested in specialty cuts should fill out the special order form found in the Resource Book and send their request to B. Fagerlin for scheduling. L. Bollinger has donated a metal detector to the club that will be much more effective in finding nails and other metallic pieces inside the logs.

Mentoring D. Schmid reported that nine of the twelve mentoring programs have been completed. 61 members have participated in the 9 completed programs.

Club Picnic The annual club picnic is scheduled for September 18. T. Lewis is looking for assistance in running the corn hole game.

Fall Golf Outing C. Hagen has volunteered to chair the golf outing for this fall. 36 members have shown an interest in participating at this time.

Toys for Tots J. Mitchell reported that the Toys for Tots program will be kicked off at the September General Meeting. The Board voted to have the Sheriff attend the meeting to help promote the program and encourage participation. Five new facilitators have agreed to help lead the activities for this year.

Tellico Community Foundation This organization approached our club for donations after hearing that we are willing to contribute to charitable organizations other than TFT. There were many concerns expressed with contributions to this organization and it was emphasized that the club's purpose should not be for charity but to promote and mentor woodworking skills.

If you have an interest in playing in the Woodworkers Golf Outing at Tanasi on October 12th, please contact Carl Hagen at cehagen52@gmail.com

General Meeting

We were treated to a visit from Lynn Dudenbostel who has been a luthier since 1996. Since that time, he has built 185 instruments in that time about ½ guitars and ½ mandolins.



Lynn provided some background as to how he got started in the business. He shared with us the many steps involved in building a mandolin including selection of the wood for proper tonal properties, shaping and carving the wood and finishing the instrument. It takes him between 160 and 180 hours to complete a mandolin.

If you are interested in learning more about Lynn and mandolin making, please visit Lynn's [Facebook page](#). Lynn also has a website, www.lynnndudenbostel.com.



Lynn with the first mandolin he made over 20 years ago.

Jerry Mitchell spoke about the new role of facilitator in the Toys for Tots program.

The duties of the facilitator include:

- publicize the program
- help establish and coordinate toy making teams
- monitor and document toy making progress
- interface with sheriff's department
- place toy boxes and retrieve the toys
- coordinating church setup and toy delivery



Jerry Mitchell discussing the role of facilitator in the T4T program

New Members



Ed McMahon



Larry Larmore



Steve Jeanblanc

From Our Members Shops



*Shelf by Nancy Kessler
Spalted white oak and Brazilian redwood
pinned together with aluminum rods*



*Shelf by Nancy Kessler
Quarter sawn oak and mahogany veneer
hung using French cleat*



Turned ornaments and stands by Bill Nance



*Train set and 18 wheeler by Glenn Nief
Red oak and black walnut*



*Wall hanging ship by Joe Geithmann
Cherry and basswood*

Did You Know?

The reason for nominal lumber deminsions is tha at one time lumber was actually 2x4 but their rough surfaces were planned down to improve stocking and handling of lumber. As a result the actual size of a 2x4 is 1½ x 3½. Due to a lawsuit, many lumber stores list both the nominal and actual dimensions of lumber.

***All members are welcome to attend
The Old Splinters Lunch on the first
Tuesday of the month at 11:45 at
Mama's Grits***

Thickness (inches)		Width (inches)	
Nominal	Actual	Nominal	Actual
1	3/4	2	1-1/2
1-1/4	1	3	2-1/2
1-1/2	1-1/4	4	3-1/2
2	1-1/2	5	4-1/2
2-1/2	2	6	5-1/2
3	2-1/2	7	6-1/2
3-1/2	3	8	7-1/4
4	3-1/2	9	8-1/4
4-1/2	4	10	9-1/4
5+	1/2" less	11-16	3/4" less

Handyman

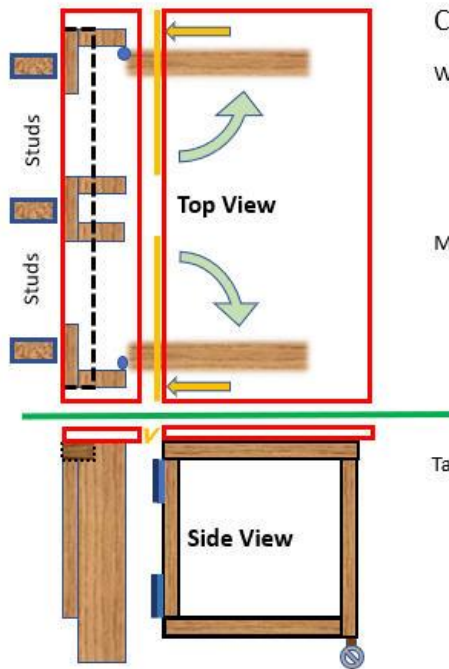
Recognition and Thanks



Current president Bob Brown with past President Don Schmid with plaque commemorating his past service to the club.

Tools and Tips

At the General Meeting this month, Greg Walters shared his original designs for a compact folding work table and heavy duty slide in tool bench. The basics of his plans are presented below. Please contact Greg (gwalters37922@gmail.com) if you have any questions or for further information.



CUT MATERIALS LIST for 6' x 3' FOLDING HOBBY TABLE

- Wall: (3) 2x6 - 25.5" Wall Vertical (uses 9 Deck screws into wall Studs)
 Note: This height allows 6" of baseboard clearance
 (4) 2x6 - 33.25" Floor Vertical with notch at top for horizontal 2x4
 (1) 2x4 - 69.5" horizontal cross beam connector (Black dotted line)
 (1) * 7.5" x 6' - 3/4" Melamine Wall Shelf (countersink screws) (Red)
- Misc. (2) T-Nuts matching Caster Bolt Size
 (2) Adjustable Height Threaded Bolt Type (2") 80lb Swivel Casters
 (4) Door Hinges (these swing the Legs) (Blue)
 (2) 30" Piano Hinges (these swing table top up/down) (Gold)
 (2) Small Barrel Locks (Optional - holds legs stable)
 (Suggested) Removable Angled or Upright Table Center Brace
 Various Size Deck Screws, Countersink Screws and Trim Nails
- Table: (1) 30" x 6' - 3/4" Melamine Table Top (Red) * Note: Can be 7' or 8'
 (2) 8' 1 1/2" Trim molding cut to table edge sizes
 (2) 2x4 - 28" Swing Out Table Leg Upper Horizontal Table Base
 (2) 2x4 - 26.5" Swing Out Table Leg Lower Horizontal
 (2) 2x4 - 27.25"*** Swing Out Table Leg Inner Upright with Hinges
 (2) 2x4 - 28.75"*** Swing Out Table Leg Outer Upright with T Nut
 *** Shorten this length if larger casters are used

Heavy Duty Long Tool Pocket Workbench 1:

This Bench is 96" wide and 24" Deep. Height is 35". Five Cabinet Doors are each 15 1/2" Wide. Slide-Ins are 2x12's cut to 18 1/2" Depth with two Tie Down Holes OR a Long Routed Slot. Under Each Pocket Space is a notched 2x4 Support with two 3/8" Hanger Plates. Lower Side Horizontal 2x6's are notched for Wall Baseboard Clearance. Magnetic latches hold the Cabinet Doors Closed. The Five Faux Drawers use "sprung" style hinges. The thin sheet of Masonite hardboard provides a smooth surface and Lower Cabinet Dust Shield. A hand planner and sander is used to level minor inconsistencies across the bench surface. All screws are recessed.

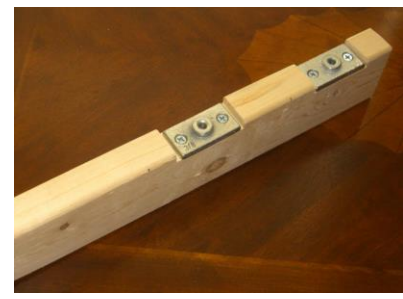
Heavy Duty End Tool Pocket Workbench 2:

This Bench is 52" wide and 30" Deep. Height is 35". The Two Cabinet Doors and the Faux Drawers are 21 1/2" Wide. Slide-Ins are 2x12's width cut to 21 1/2" – two panels for each position to rotate front to back. Under Each Space are two 2x6 Supports. Tie-Down Hangers are not required. All other features are the same as Bench 1.

To be Added (To Both Benches)

Overhead 12" to 20" Deep Cabinets and Shelving with Underside High Lumen LED Light.
The Corner contains a vacuum. Two Bench Top Hose Inlets and a floor sweep-in dust collector are being added now.
Wall Mounted Tool Panel Storage Rack for Tools Not Currently In-Use.

Both the Folding Hobby Table and the Heavy-Duty Tool-Pocket Workbench are Original Unique Prototype Creations designed and built by Greg Walters of Knoxville TN (2018 & 2019) Contact: gwalters37922@gmail.com



One Size does NOT fit all in making this Bench!

What you should consider:

Criteria for designing & making your own Pocket Panel Top Workbench:

1. The Base Size of the various Bench Tools is the first design criteria.
2. The room size provides the overall bench size criteria.
3. If using standard pre-made cabinet doors, consideration of size will set spacing between tool locations.
4. Height of the bench is based on a comfort-based measurement or usage. Also other tools like saws as an outfeed.

Suggestions for your own bench redesign:

1. Usage of the 2x12 type pocket panel allows easy additional tool placement.
2. Although the faux drawer doors are not required, they provide a simple aesthetic enhancement.
3. Using Masonite provides a thin yet effective smooth slide-in surface and lower cabinet sawdust barrier.
4. 2x6 pocket surrounds screwed in place allows quick replacement, leveling, damage correction and refinishing.
5. Frame design is not critical, but 2x4 & 2x6 usage allows a simple solution for a strong structure.
6. The crossbeam support under the center of each pocket is the single most critical element of this bench design.
7. Adding a threaded mounting plate or component secures all panels and allows extended tool panel usage.
8. Vacuum, lighting and electrical enhancements can be easily added to this open lower cabinet design.

The next slide provides some useful design insights I used in making this prototype original pair of benches, but it is expected that anyone building these two benches would likely use different dimensions, alternative cabinet doors and frame construction. In my case I already had 40 Finished Oak Cabinet Doors (\$1.99 each!) so that was a major factor.