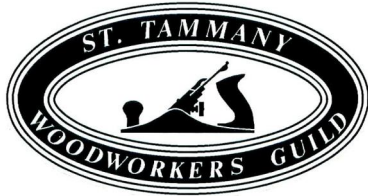


Tooth & Nail

Newsletter of the St Tammany Woodworkers Guild

September 2018



OFFICERS

President:
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Vice President:
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Secretary:
Patricia Robbert
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Wayne Thompson
bjwthompson@bellsouth.net

APPOINTMENTS

Wooden Boat Show
Coordinator:
Henry Simon
topsw@bellsouth.net

Librarian:
Jim Suarez
svpanoya@gmail.com

Website Manager:
Tom Gustafson
tom@gustafson.us

The August meeting was called to order on August 28, 2018 by Bob Busfield at Brian Harrell's workshop.

Bob asked if anyone had a problem with changing the date of the Banquet from Dec. 6 to Dec 5. No one did, so Wayne Thompson will see if Vintage Court can accommodate the change.

Bob is working on new business cards for guild members.

We are planning a future meeting at PMC in Albany (west of Hammond). The meeting will be Saturday Oct 27 from 9 am to 12 pm. PMC will provide a lunch.

Concerning the Wooden Boat Festival, Bob called for the remaining sewn sails to be turned in, and they were. Two boxes of glue sticks have been purchased. Large plastic bins to put boat parts in have been purchased. Additional 1/4 inch dowels have been ordered for the sails and some should be available for parts. We have 3/16 inch dowels available. Left-over T-shirts were distributed.

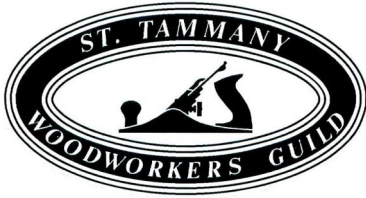
The membership dues for the year are \$25 and are due in January. If

you have not paid, please bring your check to the next meeting or mail it to Wayne Thompson, P.O. Box 1812, Covington, LA 70434.

Bob called for woodworking questions. A question was asked about applying paper-backed veneer to cabinets. The procedure of applying glue to the veneer and the substrate, letting it dry, placing the veneer on the substrate and ironing with a clothes iron was discussed. Another question was about attaching a chip breaker to a plane iron. A third question was about refinishing an old walnut or mahogany dresser.

After Show and Tell, Brian Harrell gave a demonstration on the use of jigs with a table saw. First, however, Brian, discussed a comment from Michael Gaille about preventing kickback on the table saw. A riving knife helps prevent kickback by keeping the cut wood from jamming against the blade, but adding a pawl to the saw will actually prevent a kickback as the teeth of the pawl dig into the board and prevent the kickback from happening.

The first jig Brian demonstrated was used to put a straight edge on



LENDING LIBRARY

Please contact our librarian by email to request a book or DVD. Jim will bring the book or DVD to you at the next meeting. A complete list of titles is available on the website.

Librarian:
Jim Suarez
svpanoya@gmail.com

Website:
www.StTammanyWoodworkersGuild.com

irregular lumber lacking a straight edge. The lumber is nailed to the underside of the jig, and while firmly restrained can have a straight edge cut. Then, removed from the jig, that first straight edge can be run against the fence.

The second jig is a tapering jig used to cut a taper in a table leg. Brian suggested marking the chosen position on the jig, so that it is readily observed if the position slips during use. Another suggestion proffered was to jam a scrap of wood into the jig to prevent slipping.

A panel sled is similar to a crosscut sled but is set to one side of the blade as opposed to having the blade cut through the middle of the sled. It does have a back support but does not have the front support that the crosscut sled has. It is used to cut plywood panels to final size.

Brian makes specialty jigs for projects and uses clamps to hold down the small pieces or pieces to

be cut with steep angles. The area painted red is where fingers are not allowed.

The tenoning jig cuts a tenon into vertically positioned boards. The thickness of the tenon is adjustable.

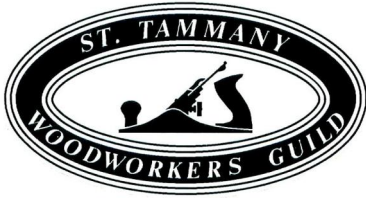
A finger joint jig is attached to the saw's miter gauge and allows a dado blade to cut evenly spaced fingers.

A jig for cutting thin strips has a roller bearing and an adjustable length. It is placed to the left and forward of the blade. The wood is positioned between the bearing and the rip fence and a rip cut is made. For the next cut, the fence is moved toward the blade so that the wood again touches the bearing. In this way, each strip of wood has the same thickness.

A miter spline jig holds a glued box or picture frame. The jig can be mounted on a runner or attached to a cross cut sled. The jig is pushed over the blade and a cut is made that will receive a miter spline or key.

A picture frame jig is a dedicated crosscut sled with a perfectly square block attached such that two corners are along the line of the blade kerf. The wood of the frame is laid out in final position, finished side up. Beginning at the upper right corner and proceeding clockwise, the ends of the wood are numbered from 1 to 8. Each of the odd-numbered ends is cut by placing the wood on the left-front side of the square block. Each of





NEXT MEETING

Tuesday
September 25, 2018
7:00 PM

St. Joseph Abbey
75476 River Rd
Covington, LA 70457

Directions from
Covington:
Take US-190 west to LA-
25.
Take LA-25 north to River
Rd.
Take River Rd east for 0.7
mi.
The entrance to the Abbey
is on the left.
Take the single-lane bridge
into the Abbey, turn right,
go past the church, and
turn left.
Proceed to the woodshop,
which is in the second
block on the left.

Bring a folding chair.

the even-numbered ends is cut by placing the wood on the right-front side of the block. This ensures that the legs will join in 90 degree angles even if the 90 degree angle of the block is not exactly bisected by the blade.

A sacrificial fence for rabbet cuts is attached to the rip fence and positioned partially over the dado blade. The exposed part of the blade gives the desired width of the rabbet.

A jig for cutting miters on box sides at the table saw consists of a dedicated crosscut sled having two runners and used with the saw blade tilted to 45 degrees. A stop ensures equal lengths for opposite sides of the box.

Brian reminded us that you never want to use a rip fence and a miter gauge at the same time, as the wood can become jammed

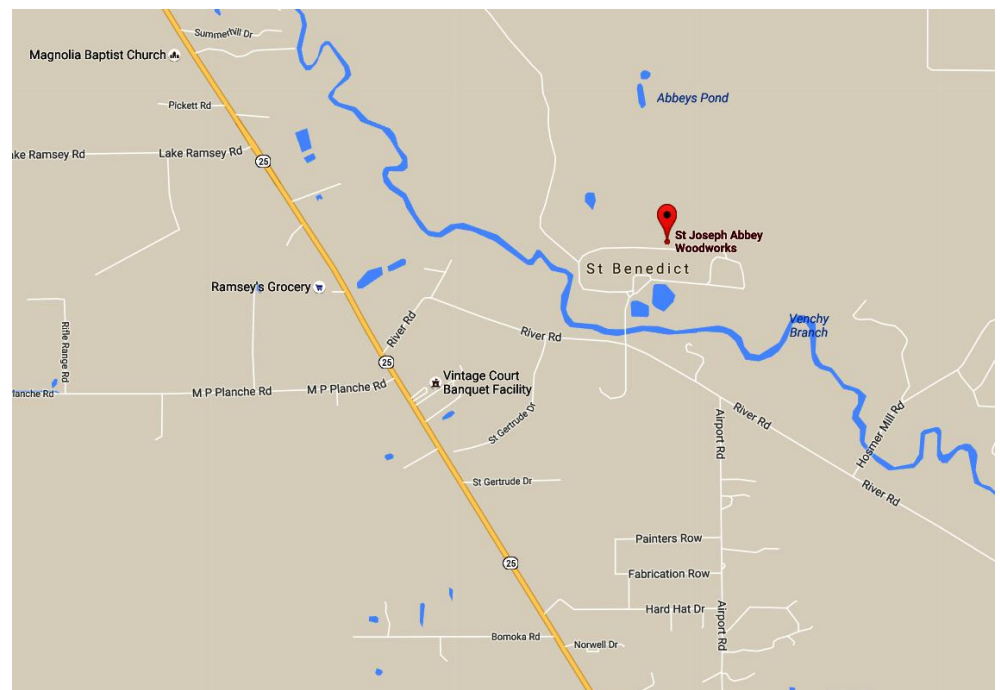
against the rip fence and kick back.

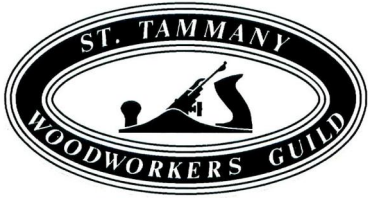
He said he is not comfortable cutting large sheets of plywood on the table saw. Instead, he sets up a plywood cutting table using saw horses with sacrificial tops and cuts the panels slightly oversized with a track saw. Some people put the plywood on the floor over sheets of foam insulation in order to rough cut them. After being cut to approximate size, the panels are cut to final size at the table saw using a panel sled.

When stops are used, a small chamfer provides a place for saw dust to collect, and not alter the precision of the stop. A chamfer along the back support of a crosscut sled or panel sled also serves to prevent saw dust accumulation from affecting the precise placement of the wood.

-Pat Robbert

MAP TO ST. JOSEPH ABBEY WOODSHOP





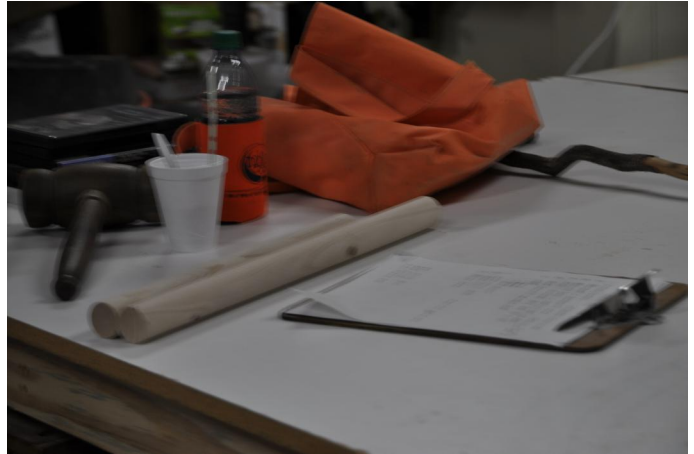
SHOW AND TELL



Brian Harrell shows how a plastic drinking straw with an angled end cut can be used to clean up glue squeeze-out from interior joints.



Alexander Sibley made a cross shaped medallion with a sapele inlay.



Jack Terry turned dowels from a piece of pine lumber. He said this is useful when an odd sized dowel is needed.



Alexander Sibley made a mitered box with miter splines. The emblem is done with a CNC machine.





MISSION

The Guild is an organization founded in 1991 by local woodworkers for the purpose of education and inspiration in the art of woodcraft. The Guild is open to anyone who has an interest in woodworking at any skill level. Most members live in St. Tammany Parish but some come from Washington Parish and Orleans Parish. Meetings are on the fourth Tuesday of each month at 7:00 PM except July when there is no meeting, November when the meeting is on the third Tuesday, and December when the Banquet replaces the meeting.

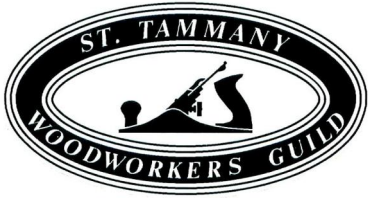
No matter what your level of experience is in the field of woodworking or where your interests lie, e.g., woodturning, flatwork, or carving, the Guild is there for your enjoyment and fellowship. Regardless of how many tools you own, whether you have a shop or not, come and see what the Guild is all about.

SHOW AND TELL

Brian Harrell built a model airplane using plans from Wood Magazine.



Unbeknownst to each other, Pat Robbert and Mike Sibley built shaving horses from plans they each purchased from chairmaker, Brian Boggs. Pat's horse is made from southern yellow pine and has an upholstered seat. Mike's horse is built from maple, the ratchet teeth are made of hickory, and the maple seat is carved. Both have leather covers on the upper and lower jaws. Mike shortened the length of his shaving horse. The lower jaws on both are adjustable up and down with a spring loaded ratchet key. The lower jaws also have an angle adjustment. The seat position is easily moved back and fro.

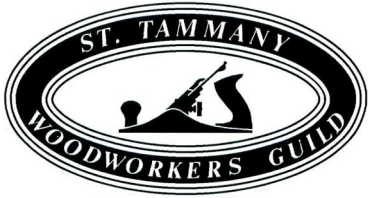


Pat Robbert and Mike Sibley and their shaving horses.



John Fisher puts draw knife to wood on the shaving horse.





DEMONSTRATION: TABLE SAW JIGS



Brian shows an inexpensive tapering jig. Because the position could slip, he makes an ink mark to monitor the position.



Brian Harrell demonstrates the use of a straightening jig. He is holding a sample of lumber with bowed edges. The jig (shown upside down) is placed over the sample, nailed to it, and the jig rides along the fence during the cut. After this cut is made, the lumber is removed from the jig and the newly cut edge can ride along the fence while the opposite edge is cut.



This is a specialty jig for one particular project. Clamps secure small pieces or pieces that will be cut on a steep angle. The red zone shows where fingers must never be placed.



Brian made a tenoning jig that rides in one miter slot. It holds a board vertically while tenon faces are cut. The tenon thickness is adjustable.



The finger joint jig is attached to the miter gauge.



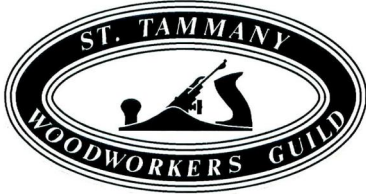
The thin strip jig with its roller bearing and adjustable length is secured to a miter slot forward of the saw blade. The lumber to be sliced is placed between the rip fence and the roller bearing. The first cut is made. Then the rip fence is moved toward the blade so that the lumber again contacts the fence and the roller bearing. A second slice of equal thickness is produced.



A sacrificial fence for rabbet cuts is attached to the rip fence. The exposed portion of the dado blade determines the width of the rabbet.



Brian's saw horse with sacrificial top board. He uses two of these to rough cut large sheets of plywood with a track saw. Then the plywood panels are cut to final dimension on the table saw using a panel sled.



MADISONVILLE WOODEN BOAT FESTIVAL SAT & SUN, OCT 13-14, 2018

From the WBF website: "The Madisonville Wooden Boat Festival celebrates 29 years on the banks of the beautiful Tchefuncte River on October 13-14, 2018. Presented by the Lake Pontchartrain Basin Maritime Museum, this premier family event attracts over one hundred classic boats, hundreds of spectator boats, and wooden boat and music enthusiasts for this two-day celebration.

The festival offers great food, live music, fun kids' activities in the Children's Village, fine arts and crafts booths, the Classic Car and Motorcycle Cruise-In, a Beer Garden with flat screen TV's and seating for football enthusiasts, and the Quick 'n Dirty Boat Building Contest and Parade on Sunday at 2:00 p.m."



For 26 years, the St Tammany Woodworkers Guild has sponsored the children's boat building tent. We prepare for this event throughout the year.

Wed, March 7, 2018, 8am - 10am. Meet at Carroll Miller's shop to cut boat blanks from 2x6 lumber donated by Poole Lumber Co. Distribute boxes of blanks to be cut into boat hulls.

Tue, April 24, 2018. Distribute cut sail fabric for sewing. Return sails by August meeting.

Distribute wood for boat parts. Plans, photos, and instructions are on the guild website at www.StTammanyWoodworkersGuild.com.

Tuesday, August 28, 2018, 7pm. Insert dowels into sails and add a spot of glue.

Friday, Oct 12, 2018, 9am. Meet at festival site to set up tent.



www.StTammanyWoodworkersGuild.com