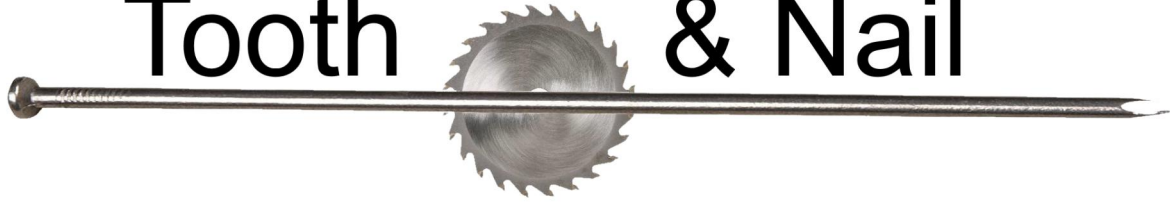
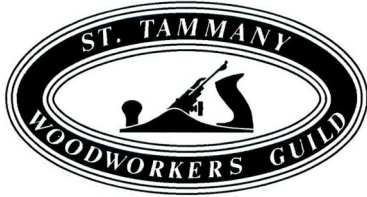


# Tooth & Nail



Newsletter of the St Tammany Woodworkers Guild

April 2019



## OFFICERS

President:  
Bob Busfield  
rabusfield@hotmail.com

Vice President:  
Brian Harrell  
bharr151@bellsouth.net

Secretary:  
Patricia Robbert  
pat\_robber@yaho.com

Treasurer:  
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 March meeting was called to order at 7 pm on March 26, 2019 by Bob Busfield at the St. Joseph Abbey woodshop. Thanks to all who came out to cut the boat blanks. We have seven boxes left to distribute. Wayne Thompson has 1/4, 3/16, and 1 inch dowels in his truck for those who need them.

We hauled all of the boat parts on a trailer out to Brian Harrell's shop. Brian sorted and counted and catalogued the parts. Brian said that some parts are three years old. We should use them first this year, and then use new parts. Brian went through the parts inventory: consoles, rudders, treasure boxes, outboard motors, seats, cannons, pirate cannons, radar units, consoles with steering wheels, shrimp boat cabins and tops, short cabins, simple cabins, sailboat cabins, smaller sailboat cabins, swept cabins, square cabins, small curved cabins, reels, pirate ship parts. The parts that are needed are listed below and shown in Fig.1.

Cabin #1: 50  
Shrimp boat cabin: 100  
Winch: 150  
Cabin #2 straight back: 300  
Cabin #2 curved back: 400

Outboard motors: 500

Not shown, but also needed are:

Radar units: 200

Steering wheels for fishing boat consoles: 300

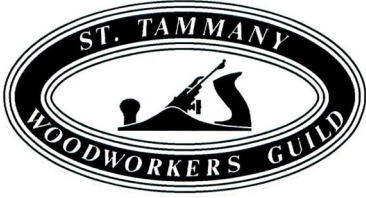
Brian will make 200 pirate ship sterns and bows.

Bill Pecoul prepared the scaled photographs of the needed parts. This list and the photo will be mailed to members.

Please let Brian (bharr151@bellsouth.net) know how many of each part you make so that he can keep up with what we need.

The annual barbecue is Saturday, March 30 at Gerald Gibson's camp. Members have received invitations. Please bring a side dish to go with the meat, a chair, and a beverage. Children and grandchildren are welcome.

To follow up on some questions about making compound cuts, Pat Robbert presented a handout with the derivation and the formulas to enter into a spreadsheet. If anyone would like a copy, they should contact her.



Following Show and Tell, Al Gahn gave us a presentation on the history of the Abbey and demonstrated the CNC machine and some of the jigs used to make caskets.

-Pat Robbert

## NEXT MEETING

Tuesday  
April 23, 2019  
7:00 PM

St. Joseph Abbey Woodshop  
75476 River Rd  
Covington, LA 70457

Directions from Folsom (at LA-40):

Take LA-25 south for 8.4 mi to River Rd. (There will be a green sign saying "St. Joseph Seminary" just before River Rd.)

Turn left onto River Rd and go 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.

Directions from Covington and Slidell:

From I-12, take exit 63B US-190 W (Covington, Mandeville).

Travel north past Home Depot, Wal-Mart, and Lowes.

Stay on US-190 W as it turns into a two-lane road going over the Bogue Falaya River.

At the second traffic light, turn right onto LA-437 N (Lee Rd).

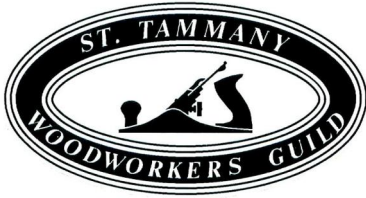
Go 0.8 miles and when you see a green sign on the right-hand side of the road saying "St. Joseph Seminary", immediately get into the middle turn lane and turn left onto River Rd.

Go 2.6 miles on River Rd to the entrance to the Abbey, on the right.

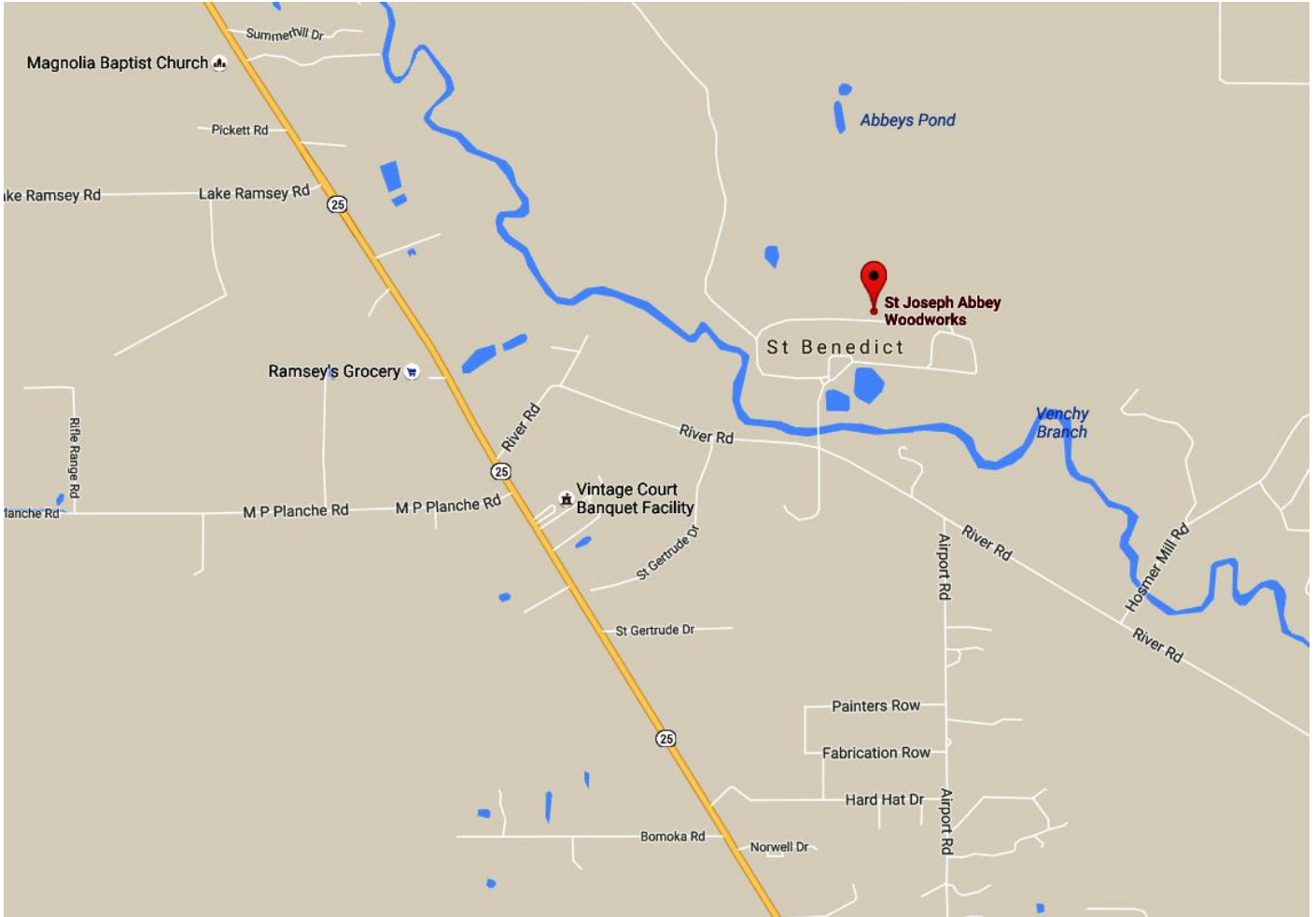
Take the single-lane bridge into the Abbey, turn right, go past the church, and turn left.

Proceed to the woodshop, which is in the second block on the left.

Bring a folding chair.



# MAP TO THE ST. JOSEPH ABBEY WOODSHOP



[www.StTammanyWoodworkersGuild.com](http://www.StTammanyWoodworkersGuild.com)



### 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

### ADDITIONAL INFORMATION ABOUT THE CNC CLASSES AT DELGADO

The free classes at Delgado Community College (New Orleans Campus) in CNC routing, 3D printing, and laser cutting or burning are offered on week nights from 5 to 7 pm, but not on a regular schedule. Go to [www.eventbrite.com](http://www.eventbrite.com) and enter the event as NOLA FAB LAB (you must put the space between each word). This will bring up a list of Fab Lab course offerings. Scroll down for course availability. The courses are not in order by date. Once you find one you would like to take, sign up on the eventbrite link. Enrollment is opened one week prior to the start of class.

I signed up the day after our January meeting for the CNC course that evening. After taking the course (two 2-hour sessions) I was certified to schedule time and use the 4 ft by 8 ft bed CNC machine. I have scheduled use twice and completed two inlay projects.

I have also taken the classes on their 3D printer and laser cutting machine and am now certified to schedule and use both of these machines.

There is no cost for the classes or time on the equipment. Sign up is easy online and scheduling the use of the equipment is also online. This is a great resource for those who want to take advantage of CNC milling, 3D printing, and laser cutting or burning.

- Tom Gustafson

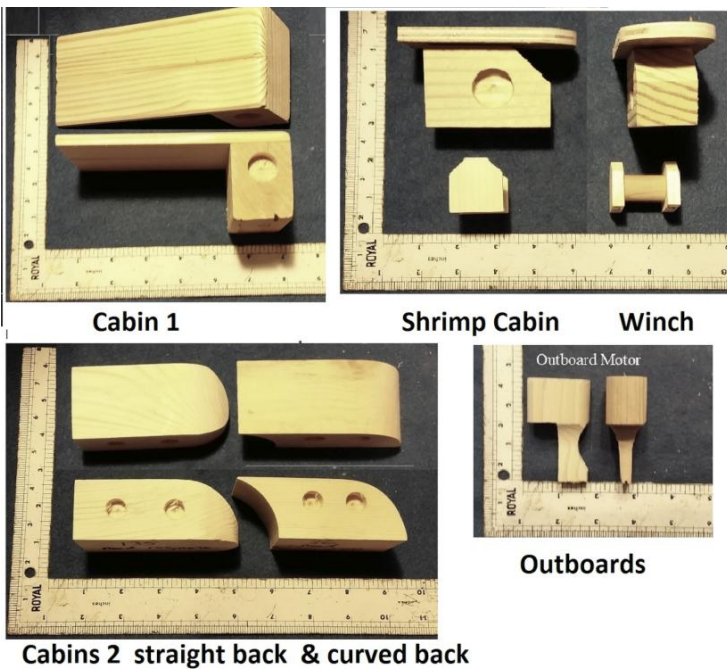
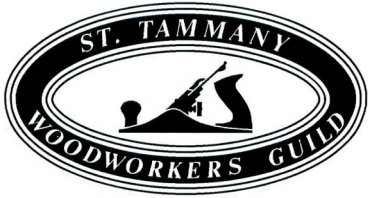


Fig. 1. The boat parts that are needed this year. See Pg. 1 for the numbers of each part needed. Please let Brian Harrell (bharr151@bellsouth.net) know how many of each part you make so that he can keep up with what we need.





## SHOW AND TELL

Pat Robbert shows some drills that she found at local flea markets.

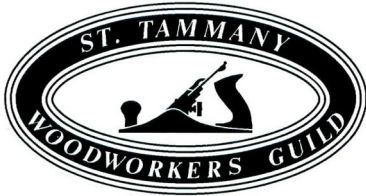


Joe Perret used a CNC machine to cut the fingers for a scarfing joint in plywood. He used this to create a longer piece of plywood for a boat.

Henry Simon made a bagel slicer.



Mel Borne shows the 12-inch prototype he built for a 3 foot cypress crab hamper. Because it will be under water, he used Gorilla glue rather than Titebond III. The Gorilla glue sets up very fast. He used SS staples and 2-inch screws.



## 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 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.



Sue Buden shows a Shaker box that she made at Brian's workshop. She also brought in a curious folding, rocking footstool that a neighbor gave her.



Brian Harrell shows one of the boat cabins that are needed for this year's wooden boat festival.





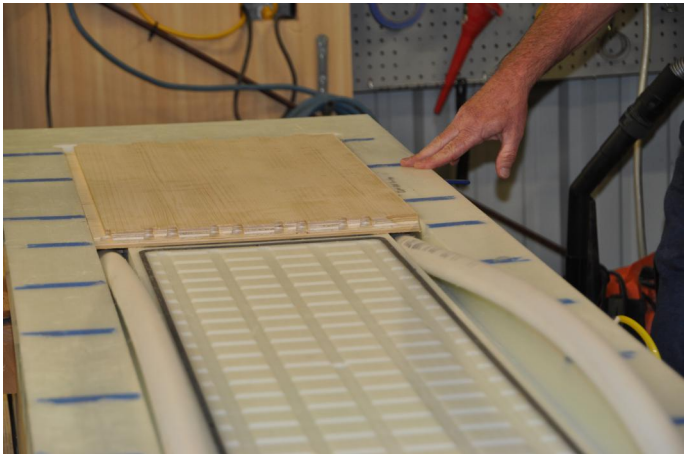
# THE BARBECUE





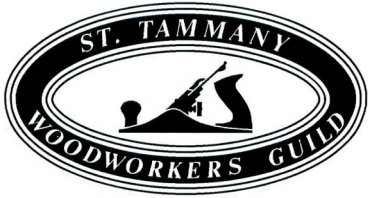


# DEMONSTRATION



Al Gahn gave a very interesting presentation on the history of the St. Joseph Abbey. In the lower three photos we see a jig used for gluing runners to a piece of plywood. The plywood is held in place by a vacuum and the runners, which sit in the groove on top of the firehose, are forced against the plywood by the pressurized fire hose. Brads are inserted and then the work can be removed from the jig and left to dry.





The two upper photos show a jig used for gluing the hidden dovetail joints in the caskets. The other photos show the new CNC machine, its router bits, a set of tool holders that were cut on the CNC, and the CNC at work.

