

SOUTH BAY WOODWORKERS' NEWS

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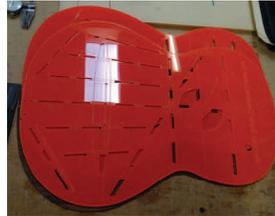
August 2016

President's Column

By Chuck Aring



Sorry, no presidents column this month.



guitars. John would tell him what to do and Tim would go back to his shop and do it. Tim uses different templates for laying out the placement of the inside braces depending on the tone desired. Some brace patterns are symmetrical while others are asymmetrical. An unusual feature on some of his guitars is two port holes on the front of the body, one on each side of the neck. This allows the player to hear the sound better.

This Month's Program:

Minutes July 26, 2016

Guests

Our guest was Maxwell Murphy from Nevada who is visiting Allen Glesser.

General Announcements

Ten Second Ideas

Sorry, no Ten Second Ideas this month.

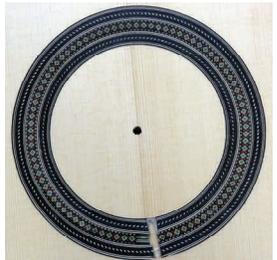
Next Meeting

Tuesday

August 23

By
Terry O'Donnell
&
Don McKell
At
The Saratoga
Federated Church
at 7:00 pm

Rosettes can be obtained in many different styles. Famous guitar makers frequently have their own unique designs and their guitars



Main Meeting

The meeting was held at T M Cabinets owned by Tim McCoy where he also makes hand crafted guitars.

John Gilbert, a retired Hewlett Packard tool engineer, is credited with teaching Tim how to make



can be identified by their rosettes. He glues the rosettes to the body before the hole is routed in the center using an aluminum jig attached to the router base.

Tim uses the original Tite Bond glue and Gorilla glue on his guitars while some builders use epoxy, but hide glue is traditionally used.



Tim demonstrated how the body sides are formed. The two sides are formed separately on a jig where the side being formed is pressed into the proper shape. An electric

Think about your shop experience of the last month and give us a 10 second explanation of something important you learned.

heat blanket and a flexible steel sheet are placed between the clamps and the body part. The jig is equipped with a timer and a thermometer. The jig originally had light bulbs as the heat source, but he found that the heat blanket works better.

Tim applies a protective coat of shellac to the guitar pieces before construction to keep tape from pulling fibers from the wood. The guitars are finished with lacquer after construction then buffed.



Syd also had a two-shelf bookcase to show. It was designed to display trade soft-backed books. It's made of canary wood obtained from Tom Kenyon, cherry for the legs and structure, with wenge added for interest. The bookcase contains 58 mortise and tenon joints. A template was attached to the top and shelves with double-sided tape to create the corner details with a router. Four coats of wipe-on poly were applied to finish the project.



Show & Tell

Mike Papa turned a bowl made from segments of bamboo. The bamboo came from cutting boards that he found at a Ross store.

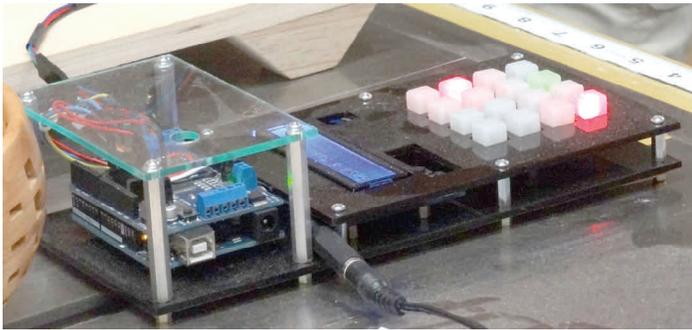


Syd Dunton brought in a photo of an older five-shelf bookcase that he modified. He removed a bottom shelf for better proportions. The sides are made of Spanish cedar with natural edge shelves of Siberian elm. The sides taper inward as it rises. It measures 28" at the base, 11" deep and 64" high. It was finished with wipe-on poly.



Tom Kenyon demonstrated his motorized open segment jig. It is an upgrade from the previous jig that uses a base plate with holes to control rotational position of the vessel. He wanted a jig with a universal base useable for any number of segments per layer. The jig uses a small microcomputer with a display and keypad that controls a stepper motor which turns the plate and thus the vessel. The stepper motor and reduction gearing provides a positioning accuracy of .067 deg./step. The starting position can be manually set and then the number of segments per layer is entered. The software figures out the appropriate number of steps per segment. When the number of segments does not divide evenly into 5370 steps per revolution,





the software distributes the residual among the segments. After each segment is placed, the step key is pushed and the vessel is rotated to the next position. The vessel is rotated one half segment width for the next layer position and the process starts over again. Tom credits Fred Sotcher working with the electronics for the success of this challenging project.



August Meeting

Don McKell & Terry O'Donnell will give a presentation on the methods of producing curved surfaces from straight stock. There will be a PowerPoint presentation, examples and time for Q&A afterwards.



Fall Picnic

Everyone who responded is able to make the SBWWs' picnic on Sunday, September 11th, so let's make that the date!

If each of you would bring an appetizer, vegetable dish, salad, or dessert to share, with serving-utensils, the club will provide baked ham, corn on the cob, and drinks. Should you want wine, please bring it.

Let's "circle the wagons" at noon. We'll need you to bring folding chairs, to augment the eight that we have, and we'll need one extra card table— just in case. A hat— and you're all set!

We live about two blocks from the Federated Church, off of highway 9 (Saratoga-Los Gatos Road). Our address is 20080 Mendelsohn Lane, Saratoga.

Please let me know if you can make it and whether you're bringing "your better half" or other family. Chuck



South Bay Woodworkers Association

4107 Acapulco Drive
Campbell, CA 95008



Program Committees

This section is now available on the club website. Please check the site for the most up to date schedule.

southbaywoodworkers.org

Contact Dennis Yamamoto for any changes to the committee schedule.

OFFICERS

President	Chuck Aring
Vice-President	Dennis Yamamoto
Secretary	Ron Gerard
Treasurer	Syd Dunton
Newsletter	Larry Schwarcz
Photographer	Fred Sotcher
Librarian	Mike Wirth
Web Master	Tom Kenyon

September Program Committee
Please take the ice chest home after the meeting

Refreshment Suggestions

Variety of Soft Drinks (48)
Water, Regular, Diet, Caffeine-Free, Juices

Varied Snacks: Donuts, Cookies, Chips, Nuts