

# SOUTH BAY WOODWORKERS' NEWS

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## Presidents Column

By Jay Perrine

**W**ell it is Summer and time for

vacations. On many of my vacations I visit woodworking related places (tool makers, tool stores, woodworking classes or symposiums as well as museums or galleries showing local woodworking items). I know many of you do the same and those experiences enrich the woodworking we do and the presentations at the club.

My next trip will be to explore how large classic structures were designed and built. I will be flying off to Greece and before returning will spend a couple weeks in Croatia with friends.

To prepare for visiting the classic Greek structures I have purchased a set of DVD's from The Great Courses entitled: Understanding Greek and Roman Technology: From Catapult to the Pantheon. From watching I have learned some basics on how thousands of years ago buildings were designed and built. These building were designed on limits of the size of materials available. Some examples include how long a piece of stone must be to support the weight of the building and the width of buildings was based on limit of length and diameter of logs available for the roof, etc). I am anxious to see the structures



with my own eyes and brief understanding. After four days in Athens I signed up for a four day guided trip to see more of the archeological ruins in five more cities. Then I will then fly to several Greek islands - again sites with ruins of interest. One interesting woodworking factoid: the columns we are so familiar with were actually stone copies of what were originally WOOD columns!

Enjoy what's left of summer - I'll miss the September SBWW meeting and will be back in first couple weeks of Fall.

## August Program:

FIELD TRIP TO BILL TURNER'S OCEAN PLASTIC PRODUCTS SHOP

After breakfast at Jeffrey's restaurant eight members of the club plus Tracie Johnson's nephew, Deven Frauenhofer, gathered at Bill Turner's shop for a

demonstration of his CNC controlled router.



The shops focus is plastic fabrication, but other material such as MDF and wood can be also be used. Bill brought out two projects for the group to view. One was a picture crafted on MDF where the surface was painted black and the design was cut through to a shallow depth. The other was a relief carving of western red cedar that spelled out "Miller family reunion".



The group then followed Bill into the office where he went through the process of creating a file for a relief carving for the club using software called Enroute. He described the various parameters necessary to create a plaque that said "South bay Woodworkers Association, Saratoga Ca." When he was finished creating the file, a picture of the tool path appeared on the monitor that

showed where several adjustments needed to be made. After corrections were made, the file was transferred to a flash drive that was then plugged into the CNC controller.

The selected straight bit cutters were placed in collet chucks. The collet chucks were then placed in slots in the automatic tool changer. A piece of 3/4" maple veneer covered MDF was placed on the large CNC table. The MDF was held down by suction. Levers at the end of the table allowed some air vents to be blocked off thus increasing the holding power of the open vents.

Three straight bit cutters were used. A 1/2" one was used for roughing, then a 1/4" bit was used to refine the outline of the letters while a 1/16" bit was used to excavate the smallest corners.



Since this was the prototype, several problems arose that would have to be addressed before attempting the final run.

## Show and Tell

No Show and Tell this month.

### Next Program Committee

Please take the ice chest home after the meeting

### Refreshment Suggestions

Variety of Soft Drinks

Water, Regular, Diet, Caffeine-Free, Juices

Varied Snacks: Donuts, Cookies, Chips, Nuts

### **2018 Officers**

President	Jay Perinne
Vice-President	Richard Winslow
Secretary	Ron Gerard
Treasurer	Syd Dunton
Newsletter editor	Bill Henzel
Photographer	Richard Winslow
Librarian	Dennis Yamamoto
Web Master	Tom Kenyon

### **Program Committees**

<b>Date</b>	<b>Members</b>
January 23	Tom Kenyon LeRoy Nelson
February 27	Tom Gaston
March 27	Tracie Johnston Ed Vincent
April 24	Jeff Lucanc Dennis Yamamoto
May 22	Don McKell Leroy Nelson
June 26	Bob Koningsberg Richard Winslow
July 24	Allen Glessner Ron Gerard
August 28	Bill Henzel Larry Schwarcz
September 25	Mike Papa Richard Sprague
October 23	Todd Johnson Tom Kenyon
November 27	Bill Sprague Larry Patulia
December	Officers
Contact Richard Winslow for any changes to the committee schedule	