



Volume 39, Number 12

Newsletter of the Ship Model Society of New Jersey

December 2021

In This Issue

[Meeting Report](#)
[Old Business](#)
[New Business](#)
[Books and Pubs](#)
[Tech Session](#)
[Show and Tell](#)
[Cool Tool](#)
[Club Information](#)

The November Meeting of SMSNJ will be in person at the Roseland Library The meeting will be;

November 23, 2021 at 7:00 PM (1900).

Remote members can attend virtually.

Next Tech Session

The Tech Session for the December Meeting is

"Fusion 360 and 3D Printing from Shapeways" by Bill Brown.

Upcoming Event

Trip to Hudson River Maritime Museum, December 27, 2021.

Meeting Report: The meeting was opened at 7 PM by our President, Bill Brown. We had 24 members and one guest attending.

The Treasurer reported of transactions for the month and the balance in the SMSNJ bank account.

This was a truly hybrid meeting as Bill ran the meeting remotely while Tom and Eric kept the production running in the Library.

We were planning to do our auction in the January meeting. This is quite a lot of work to set up so we are asking for a show of interest by our members. So, please let us know either by email or at the December meeting if you are interesting in selling anything at the auction. We will also be discussing if we want to move the auction to either March or April so that weather is less of a factor.

Barry asked if we could use Broadaxe to provide a place for a members to sell items to other members. Tom noted that we can post items that members wish to part with in the Broadaxe but it will be up to the buyers to contact the seller.

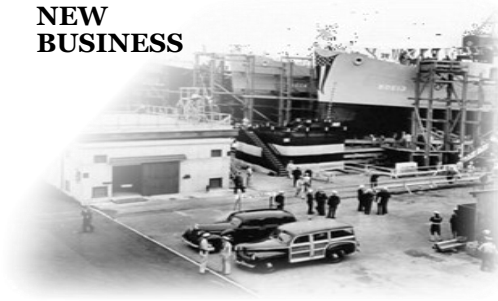
We were recently informed that long time member Bob Markovic has passed on. Our condolences to his family. Bob had a collection of models and tools. If you are interested, please contact Bill.

The meeting adjourned at 2100.

OLD BUSINESS



NEW BUSINESS



Hybrid Meetings

Our meeting was hybrid, and went fairly well. Our December meeting will be virtual only because our meeting room will not be available. Hybrid meetings will continue in January.

Tech Sessions

Mason has done an excellent job getting presentations for our Tech Sessions. We also want to have more "How To" demonstrations. We are asking for volunteers. It doesn't need to be an elaborate presentation, and we can help. If you learned something new, pass it on so that we all can learn.

BOOKS AND PUBS



There were no Books or Publications this meeting.

NRG Chapter Clubs News

Tom is an NRG Director and Chairman of the Chapter Clubs Committee. The NRG Secretary News Letter (SNL) has a feature for the Chapters to include their announcements or interesting information that might be general information or otherwise useful to the other clubs. If you have an item or two that you want to add, let me know

THE NAUTICAL RESEARCH GUILD

"ADVANCING SHIP MODELING THROUGH RESEARCH"

Annual membership includes our world-renowned quarterly magazine, Nautical Research Journal, which features photographs and articles on ship model building, naval architecture, merchant and naval ship construction, maritime trade, nautical and maritime history, nautical archaeology and maritime art.

Other benefits include discounts on annual conferences, ship modeling seminars, NRG products and juried model competitions which are offered exclusively to Guild members. We hope you will consider joining our ongoing celebration of model ships and maritime history.



For more information contact us at: www.thenrg.org or call 585 968 8111

Technical Session

Robbe Atlantis Kit „Construction (Converting an R/C Model to Static) By: Joe Lorenzo

Joe Lorenzo discussed how he converted an RC Kit to a Static Model. The kit was started by a widow's deceased husband and she asked if Joe could complete it in his memory. The model kit itself prices out at about \$700 in 1980. The model is about six feet long and about five foot tall. The kit is manufactured by Robbe in Germany and structured as base kit, with enhancements via sub kits.



Robbe went out of business in 1990 and the drawings were purchased by Krick, another German Company.



As received some critical parts missing (masts,

bulwarks, sufficient decking, a sail)! The conversion to static required rigging blocks, cleats etc. The drawings weren't to scale, and mostly pictorials. There were limited instructions that are broken into build "modules" with attendant parts list; that were somewhat helpful.

Joe added a mahogany border accent and boxwood decking infill. He used the same length for new decking as old. He ran a center plank stem to stern to avoid/minimize port/starboard decking alignment problems. The decking was laid down w/ DAP Insta Cure All Purpose Adhesive.



The bulwarks were screwed in at strategic points and countersunk. DAP Insta Cure Adhesive was progressively applied. The bow 'fit' was achieved using card scraper w/sand paper on two sides. A doll house molding, hand applied, simulating lower molding treatment of original bulwarks. The molding hid the void at intersection of hull rabbet and bulwark.

The first coat of hull paint over primer - Navajo White was aesthetically dull. The second attempt of a new base coat of Bright White over laid with Blue produced "crazing". The crazing was sanded down per instruction from manufacturer. More "crazing" developed in exactly the same places and could not be eliminated. The crazing went all the way down to the original base color! (continued next page)



Technical Session

Robbe Atlantis Kit „Construction (Converting an R/C Model to Static) By: Joe Lorenzo (cont'd)

After sanding down all “crazed” areas, washing the hull down with dish soap solution and a tap water rinse. Joe was desperate to paint before winter because he did not want to paint the hull in doors. He lightly re-primed affected areas and repainted the entire surface after proper dry time – no more crazing! He applied a Metallic Gold ¼” automotive pin stripe. Joe noted that a member of his local club suggested a much better paint alternative: “Automotive suppliers can custom mix enamel color in aerosol cans” More expensive (6X) but results would have been much less troublesome. Ray Peacock advised that he finds that putting on very thin coats will preclude crazing and that low humidity is very important.



The kit specified using the acrylic forms supplied to form cabins. It was an ugly solution in that pre cut parts fit poorly and the wooden parts supplied were inferior in quality. Joe scratch built the deck furniture instead.

The masts were not the correct size and Joe could not get replacements.



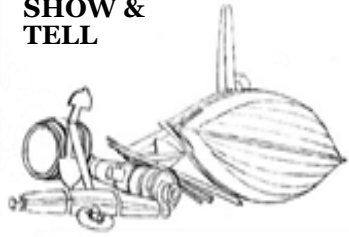
So, he needed to make several scratch built modifications. The masts were meant to be lowered for transit. Also, the rigging needed to be operable for an RC model. Not so for a static model. Therefore, most running rigging is terminated below deck and any working rigging cleverly fed through eyelets or hollow deck fittings to below deck hardware. Any non working rigging usually terminated topsides. The result was very few, usable top side termination points. Joe needed to add belayed points for the new rigging. Joe simulated sail stitching with #4 pencil. He added sail corner re-enforcement using a leather like drapery liner material. He used online photos to determine how free end of fisherman boom was controlled. After building a new cradle and completing all rigging including belayed lines he tore it all down for transport.

Repair of a Ship Model

Bill Brown noted that there are several times when he has been contacted by someone who has a model that has been damaged. He was recently contacted by a widow in Cape May New Jersey. Her husband recently passed on and he was a model builder. His first model, a Christmas gift from her, was blown off its perch when her daughter opened a window. She was heart broken. Bill and Tom went to her home to put the model back in shape. It was just a good thing to do. Here are before and after pictures.



SHOW & TELL



USS Perry, Brig, 1843

1:96 Scale, Bluejacket Kit

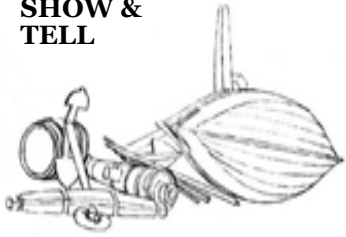
- Eric Marshall

Eric brought in his current build. He is making excellent progress and has just completed carving the hull. He did have to repair the bow bulwark on the model. He cut the entire bulwark off and replaced them. Eric has a complete build log on Model Ship World. The full detail of the repair is discussed in his MSW Build log. He has painted the hull. Eric used an air brush and has done a beautiful job. Coming along very nicely Eric.



The Broadaxe

SHOW &
TELL



HMS Victory, English 1st Rate,
Scale 1:72, Modified Caldercraft
Kit

(54 x 21 x 37 inches)

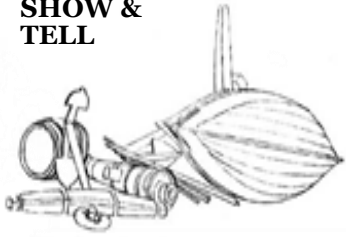
- Mort Stoll

Mort has attached the rudder, added a rudder coat and a line from the rudder to the mizzen channel. He also started to attach the hammock nettings by sewing them - the nettings - to the hammock crane lines. It's very tedious and precise work, much more so than copper plating or planking the hull. Tom noted that the method that Mort used for the name on the counter is correct rather than the plaque in the kit. Mort has been using Longridge, Anatomy of Nelson's Ship as a reference..



The Broadaxe

SHOW & TELL



HMS Thorn - Swan class 1:48 scale

David Antscherl practicum

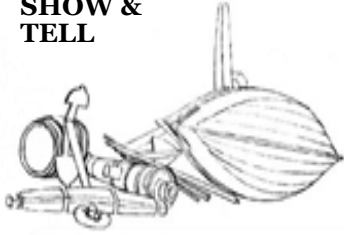
- Kevin Kenny

Kevin has been working on Thorn and has a build log, including instructional videos on Model Ship World. He has finished planking the center section of the deck. He installed the elm tree pumps and is currently working on planking the remainder of the deck. He will be posting a video on the deck planking on the MSW Build Log.

This is a great looking model and the videos are very helpful, irrespective of what model you are working on. Excellent work along with very helpful instruction.



SHOW & TELL



Mini-Lathe

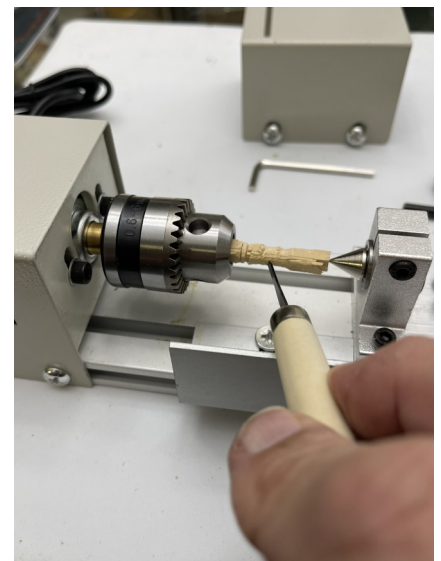
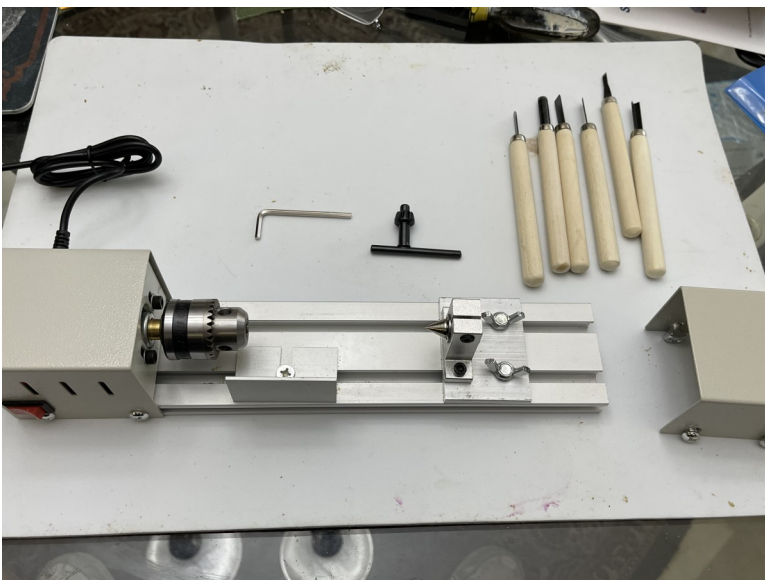
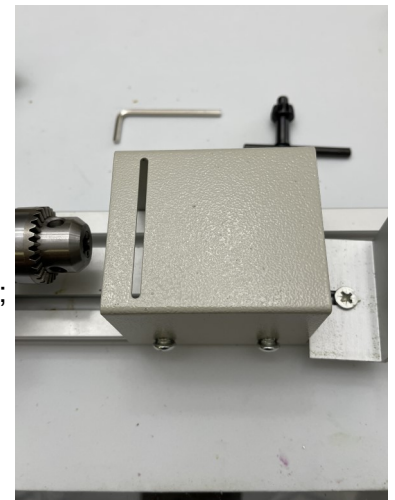
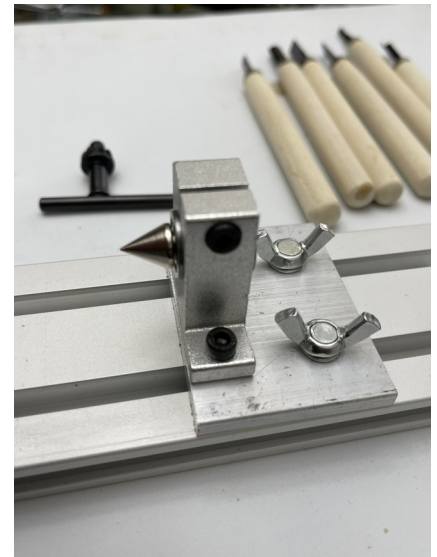
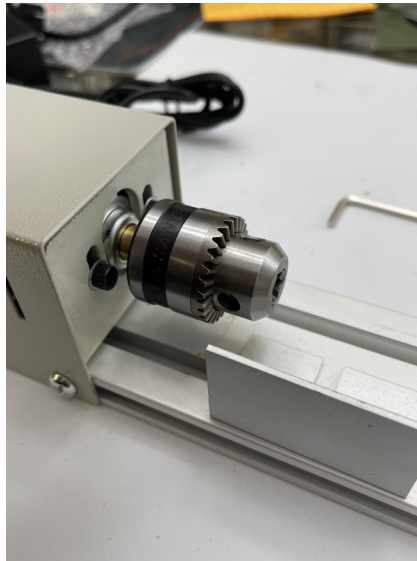
Yaetek Bead Polisher, Machine Metals

- Barry Rudd

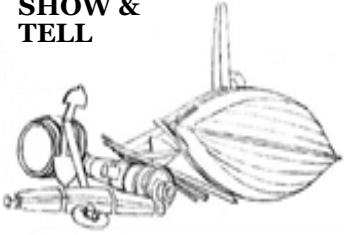
Barry has just bought this mini lathe on Amazon It's better than he expected. It is all metal; no plastic. The lathe bed is extruded aluminum. It comes with a

nice 3 jaw chuck, six wood turning tools. It has seven speed settings from 4000 to 9000 rpm, and the motor seems powerful enough to do the job. It's not for turning large spindles or wooden bowls, but seems excellent for turning small stanchions, wooden buckets, winch drums, etc; anything up to 120mm (4.72 in) in length and a diameter up to 50 mm (1.97 in.). It has a table with a slot in it that can be used as a mini table saw or disc sander. No it will not be a replacement for a Sherline lathe, but for small wooden turned items it should do the job. Now here's the best part; \$32.98 on Amazon, free shipping, one day delivery, and if it isn't what you expected it has free returns. But like all Chinese products it has badly written instructions.

Thanks for sending this Barry.



SHOW & TELL

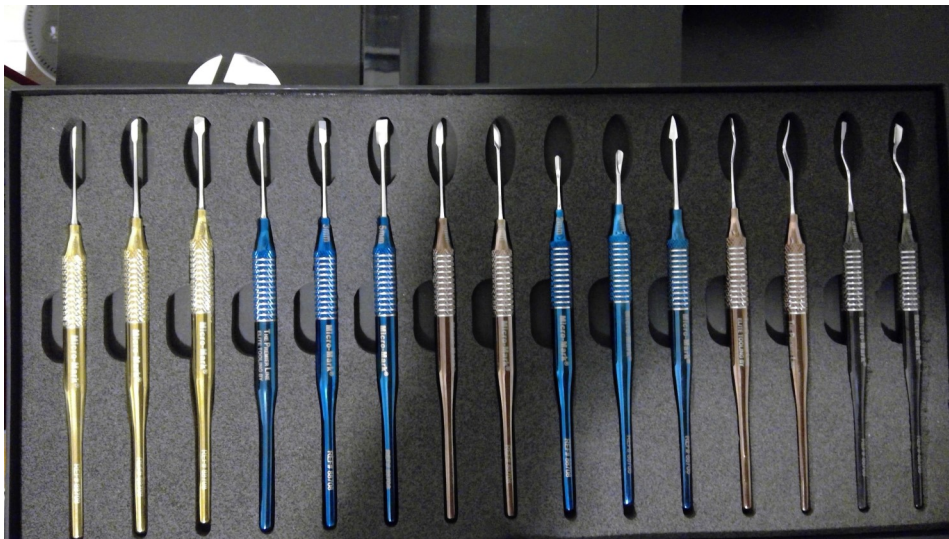


Mini-Chisels

Micro-Mark Premier Elite Line of Tooling

- Tom Ruggiero

Tom recently purchased a set of 15 micro chisels. They are in various shapes and sizes and fit comfortably in your hand. According to Micro-Mark, they are a combination of Japanese and French premium grade non-magnetic stainless steel and titanium. Tom has done a bit of miniature carving on his model of Liverpool. This set looked to be good for his future carving projects. Eric took a look at these and said that they looked good. They were not cheap, but Tom is at the point that cheaper alternatives just don't cut it. Joe Lorenzo noted that Lee Valley has a very good tutorial on sharpening small chisels.



The Ship Model Society of New Jersey



The Broadaxe is published monthly by The Ship Model Society of New Jersey (SMSNJ), a nonprofit organization dedicated to teaching and promoting ship modeling and maritime history. Membership dues are

\$25.00 for the first year and \$20.00 per year thereafter.

Visit our Web Site at: <http://www.shipmodelsocietyofnewjersey.org> where a web version of *The Broadaxe* can be found. *The Broadaxe* is distributed each month by email in PDF format.

Regular meetings are held on the fourth Tuesday of every month at 6:45 PM, at the Roseland Free Public Library, 20 Roseland Avenue, Roseland, New Jersey. Guests are always welcome.

Contributions to *The Broadaxe* are always welcome, and SMSNJ members are encouraged to participate. Articles, shop hints and news items may be submitted directly to the Editor as typed manuscript or electronic files, either on discs or by email. Handwritten notes or other materials will be considered depending on the amount of editing and preparation involved.

The Broadaxe is edited by Tom Ruggiero. Your ideas and suggestions are always welcome. Please submit them to Steve Maggipinto at trugs@comcast.net.

If any member would like an email copy of the roster, please drop a note to Tom Ruggiero at the email address listed below. If there is an error in the roster let Tom know and the roster will be amended. Please make sure that your spam filter is not blocking emails from Tom because if it is, you won't get member bulletins. Please keep your contact information up to date. Your email address is particularly important because that is the main avenue of communication for club announcements. In case of emergencies such as last-minute cancellations due to weather, emails will be sent to the members. Direct All Correspondence to Tom Ruggiero.

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