

South Bay Model Shipwrights

Founded by Jean Eckert 1982

Website : <http://www.sbmodelships.com>

The Foghorn

September 2022



Fig. 1. September 29 is **World Maritime Day**, a UN holiday celebrating the world's merchant marine sailors. The theme this year is "**New Technologies for Greener Shipping**". (Shutterstock). Sailing ships are greener!





Future Course Headings...

- **Upcoming SBMS meetings for October: In-Person mtg. Saturday, October 8, 10AM-5PM and Sunday, October 9, 11AM-4PM at Showcase of Miniatures convention; Zoom mtg. Thursday, October 20, 7 PM.**

Our in-person meeting in September at the **Silicon Valley Classic IPMS convention** was really **fun, fun, and more fun!** Like famished addicts, we dove into the model exhibits like seekers of a long-lost treasure after a painful absence of two years! Pictures of what we saw are in the **"Under Construction at the Model Shipyard"** section.

Come October, we will have an exhibit of our models at the **Good Sam Showcase of Miniatures** convention in San Jose (Fig. 2). This convention on **Saturday October 8, 10AM-5PM and Sunday, October 9AM-4PM**, is mainly pitched to doll house builders, but they welcome our ship models also. The available exhibition space will be small so small models are encouraged. Should we have difficulty fitting everything in, we could periodically rotate the models being exhibited. More on this event can be found at: <https://goodsamshowcase.org> .





Fig. 2. Model exhibits at the **Good Sam Showcase of Miniatures** convention in 2013 (Clare Hess).

This is an exhibition only so there will be no effort to promote our club. The convention will be at:

Double Tree Hotel
2050 Gateway Pl.
San Jose, CA

For those wanting to exhibit both days, the models can be left in the exhibit hall overnight. Finally, all models need to be registered at their online registration page at:

<https://docs.google.com/forms/d/e/1FAIpQLSfJooPRxt7RLibSRGqSb4Zh3lokSatOzsybDHPJ8qH8kSh41Q/viewform>

or by snailmail at:

<https://goodsamshowcase.org/ExhibitPacketGoodSam-2022.pdf>

Although the deadline is September 28, there may be approval on a case by case basis.

This event is worth attending not only to monitor and show off our exhibits but also to check in on projects, products, and techniques.

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Our **October Zoom meeting** will be on **Thursday, October 20 at 7 PM.**
 More on this

- **Museums are opening up!**

Great News! I see the museums are starting to open and have been doing so for the past few months! **For the most part, masks are optional and being fully vaccinated is helpful.** To see what museums are open, I recommend checking their websites and/or calling. Check the museum list in the included **SBMS Resource Guide** for contact information.

- **Fleet Week San Francisco, October 3-11. Airshow Friday October 7, Saturday October 8, and Sunday October 9 afternoons.**



Fig. 3. The Navy's **Blue Angels** (US Navy)

In another sign of returning normality, the **US Navy** is again coming to San Francisco to give a show of its capabilities. Ships will arrive starting October 3, but the real events will begin Wednesday, October 5 and after. The ever-popular air show, which includes the Navy's **Blue Angels**, will put on their amazing aerobatic demonstrations over the Bay on the afternoons of **Friday October 7 (practice session)**, **Saturday October 8**, and **Sunday October 9**. Other spectacular aerial demonstrations will also be on display starting around 1 PM each day.

Unfortunately, this event does conflict with the **Good Sam Showcase of Miniatures** show in San Jose listed above. But some agile personal scheduling should allow most to attend both events for a wonderful weekend.



Maritime Matters of the Month

- **Reconstruction of Sailing Trade Routes from the Levant to Rome used in Classical Times.** Using full size reconstructed ancient ships to test archaeological hypotheses is a time-honored method of experimental nautical archaeology. A recent example of this comes from the University of Haifa in Israel where Ph.D. candidate, **David Gal** and his team, had a copy of a 5th Century B.C.E. cargo ship

(Fig. 4) built to answer the question of how ancient commercial mariners shipped provisions from the Levant in the Eastern Mediterranean westward to Rome.



Fig. 4. *Ma'agan Mikhael II*, a replica of a 2,400 year old Roman-era cargo ship. (Courtesy David Gal and Rami Schlush)

Generally, during the summer, winds in the Eastern Mediterranean blow from west to east making it nearly impossible to sail a sailing ship from east to west back to Rome and the Italian peninsula. And yet, ancient records show that Rome received a steady flow of imports from the Levant by sea without much apparent problem. So how did ancient mariners do this?

First, Mr. Gal examined modern and ancient records of wind patterns in the area from modern times to as far back as 3,000 years ago and found these patterns had not significantly changed over that time. He also found that there were brief periods of wind reversal blowing from east to west in the mornings and evenings allowing ships to sail east to west towards Rome. So, he hypothesized that ancient mariners had to wait for lengthy periods to catch winds that were blowing in the right direction to the west for brief periods. In the interim, they often had to wait during longer periods of winds with unfavorable directions until the wind direction changed again.

By using high resolution wind and weather data from around 7,000 locations in the Eastern Mediterranean, Gal was able to computer simulate some 5,479 virtual sailings to find an estimated 75% of days favorable for a safe journey and about 80% of days that were unfavorable. A typical sailing route would consist of sailing northeastward towards the Anatolian Peninsula (now Turkey) and then crawl westward slowly whenever the wind took a favorable westward direction. Such a voyage would take several weeks to make it to Italy.

Direct confirmation of these sailing techniques required construction and use of a replica 5th Century B.C.E. cargo ship, named *Ma'agan*

Mikhael II which was used to sail from Israel to Cyprus in 74 hrs in 2018. The ship has been used some 80 times for these kinds of experimental voyages to verify Gal's computer route models. The replica is based on a 2,400 year old wreck recovered off the Israeli coast in 1983. More on this story at:

<https://www.washingtonpost.com/history/2022/09/17/seafarers-mediterranean-wind-david-gal/>

<https://www.thearchaeologist.org/blog/israeli-replica-of-2400-year-old-ship-solves-ancient-mediterranean-mystery>

D. Gal, H. Saaroni, and D. Cvikel, Mappings of Potential Sailing Mobility in the Mediterranean During Antiquity, *Journal of Archaeological Method and Theory*, 18 June 2022



Methods to Our Maritime Madness

• **YouTube Modelling Videos of the Month.**

Working with Resin

On my YouTube browsing, I have found some very good videos on working with resin model parts. There are many ship model kits made from resin, and they require some special handling that is different from working with styrene plastic kits. **It is advised to use a ventilated area such as a paint booth, plastic gloves, and a face mask in working with this material. This especially helps prevent inhalation and ingestion of resin dust and glue fumes. Otherwise, you might end up assembling the parts upside-down with altered level of consciousness!**

None of these are about resin molding and casting. That is a topic for another day.

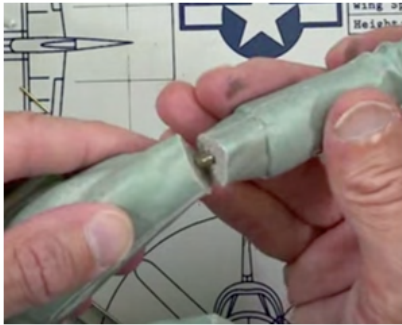


Fig. 5. Courtesy
Fine Scale Modeler

Here is a nice video on how to work with resin models. Bottom line is use CA glue or 2-part epoxy. Styrene glue will not work, Reinforcing joints of large parts with metal wire is also very helpful.

Scale Model Basics: Working with resin:

<https://www.youtube.com/watch?v=5VBK48w6DJM>



Fig. 6. Punished Props Academy

This is a video about how to prepare a resin part for assembly and painting.

Prop: Shop - Prepping Cast Resin Kits for Painting:

<https://www.youtube.com/watch?v=EboTPasIXA>



Fig. 7. Starshadow Woodworks
& Hobbies

Nice series on general resin skills.
**HOW TO WORK WITH RESIN MODELS Part 1:
Tools Needed To Work On Resin Models**

<https://www.youtube.com/watch?v=gYUb7HhITTY&t=418s>

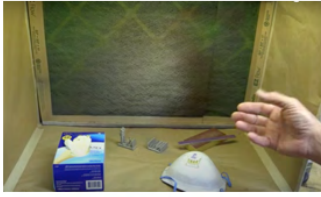


Fig. 8. [MegaHobby](#)

Jack Lynch walks us through the ins and outs of resin aftermarket parts. What are they? How do they work? How do you apply them? What tools do you need?

How to Use Resin: Model Detailing Parts (Part 2):

<https://www.youtube.com/watch?v=U4CflGDBRYY>



Fig. 9. [Beyond the Tabletop](#)

Quick guide to prepping resin ready for assembly. Showing the best way to remove casting gates and mould lines from your models.

Beginners guide to resin. Part 3: Removing mould lines:

<https://www.youtube.com/watch?v=e76VxgF1-m4&t=73s>



Under Construction at the Model Shipyard

After a prolonged absence of two years, here are pictures of our return to the **Silicon Valley Classic IPMS** model convention in San Jose, September 10. Talk about a bunch of nerds having unabashed fun!



Fig. 10. (Left) George Sloup and John Garis and then (Right) Ken Lum busily promoting ship modeling



Fig. 11. (Left) Prez Jim Rhetta and his sons with Chris Gounarides. (Right) John Garis having won a model car kit!



Fig. 12. George Sloup's model of the *SMS Goeben* and Ken Lum's carronade model.



Fig. 13. (Above) George Sloup's models of the *Mauritania* and *Papegojan* and (below) John Garis's Metal Earth ship models.

All the models on display at the convention were of modern steel navy ships. Here is a selection of what we saw.



Fig. 14. Large scale model of *USS Skipjack* with working electric parts.



Fig. 15. Large French submarine, *Surcouf* of 1934. It was armed with twin 8" guns and had room for a float plane. She was lost in 1942 in the Caribbean possibly due to a collision with a freighter.



Fig. 16. Model of *USS California* (BB-44) as she appeared around the time of the Pearl Harbor attack.

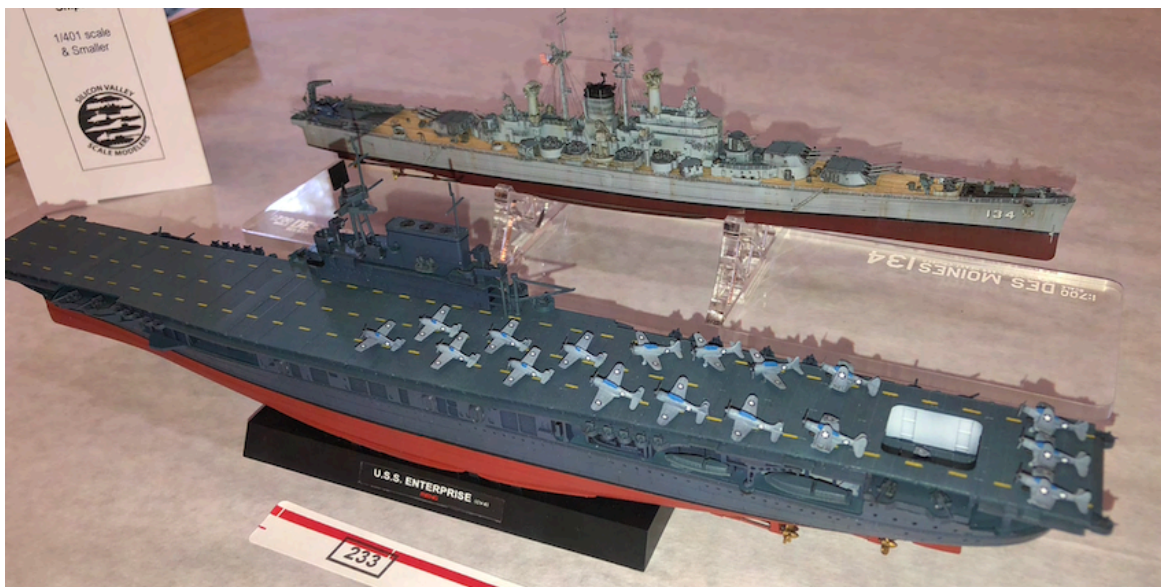


Fig. 17. Models of carrier *USS Enterprise* (CV-6) and heavy cruiser *USS Des Moines* (CA-134).



Fig. 18. Dramatic diorama of *USS Constellation* (CV-64) with a servicing support ship. The *Constellation* was not nuclear powered. And no, the ships did not sail off the edge of the table!

Clare Hess recently visited the home of Bill Tandler in Menlo Park and took these pictures of some antique Admiralty Board models in his home.



Fig. 19. Admiralty models of a Queen Anne style barge and a long boat in the



Fig. 20. Beautiful planking in the port stern quarter of a frigate model.



Fig. 21. Port quarter badge of frigate model.



Fig. 22. This looks like a royal steam yacht from the late 19th Century, but I cannot identify it. There appears to be a Scottish national flag on the foremast.



Fig. 23. Progress on Clare Hess's *HMS Wolf* card model. Very nice!



SBMS Club Officers

President	Jim Rhetta	email: jmrhetta@aol.com
Vice President And Newsletter Editor	Ken Lum	email: lum40@comcast.net
Treasurer	Jacob Cohn	email: jcohnster@gmail.com
Harbor Master	George Sloup	email: george.p.sloup@outlook.com
Webmaster	Jim Tortorici	email: oday20@earthlink.net



2022 Annual Club Membership

Send in your 2022 Club Membership with attached renewal form! Submit a \$20 check made out to South Bay Model Shipwrights and mail to Jacob Cohn, 726 7th Ave, Redwood City, CA 94063. Welcome Aboard!

2022 Membership Form

Make check out for annual membership of \$20.00 to South Bay Model Shipwrights and mail to Jacob Cohn, 726 7th Ave, Redwood City, CA 94063

Print your name _____ Phone# _____

Address



Receive our Foghorn newsletter by email? Yes ___ No ___

Email address _____

To order a club name badge, add \$15.00 to your check and print your name exactly as it should appear on the badge

