

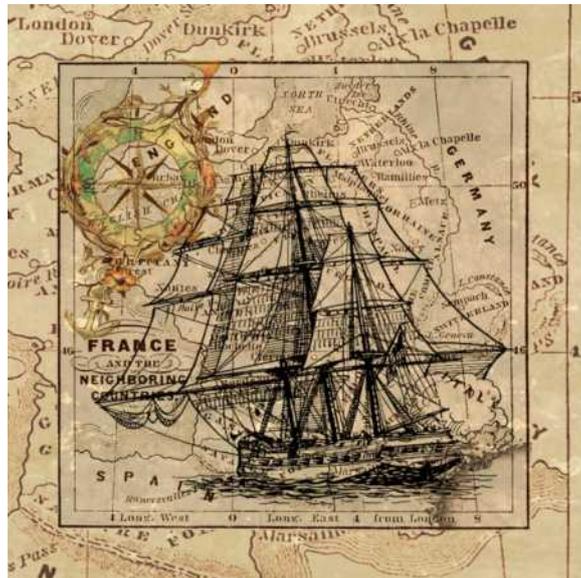
South Bay Model Shipwrights

Founded by Jean Eckert 1982

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

The Foghorn

May 2021



Credit: Venita Oberholster



Future Course Headings...

- **Future meetings: In-person meetings still cancelled until further notice.** But Prez Jim Rhetta has scheduled our next Zoom meeting for Thursday, **May 20 at 7 PM**. We can all log in then at:

<https://zoom.us/join>

Meeting ID - 507 543 0518

Password - Afsa7a

And are hereby commanded to have photos of your projects ready for the meeting and the newsletter and have your model ships ready to show! News on ship parts, new kits and manufacturers is also welcomed to share.

In the meantime, the CDC is relaxing mask requirements for those who are fully vaccinated so there looks like light at the end of the tunnel. However, the decision on when we can have in-person meetings again remains with the Los Altos Public Library so we still await their decision on when their meeting room will be available.

• **All local museums are closed until further notice due to the coronavirus outbreak.**

• **Saturday, June 5, 2021 NRG VIRTUAL WORKSHOP PHOTOGRAPHING MODEL SHIPS.** Plan to attend the Nautical Research Guild Virtual Workshop on photographing ship models on Saturday, **June 5, 2021** at 10:00 AM CST (**Note: 8 AM PST**).

The Virtual Workshop is entitled “**Photography for Ship Models**”. Kurt Van Dahm, who is a retired professional forensic photographer as well as a Director of the Guild, will show us how to photograph our models. Kurt has presented variations of this talk at NRG Conferences and Seminars.

Use those newly found or sharpened photo skills and add to or start a build log on Model Ship World. Even better, take this opportunity to photograph your completed models and enter them in the **NRG's 2021 Photographic Model Competition**.

This will be a Zoom presentation. The event is for NRG MEMBERS ONLY – cost is FREE. Preregistration is required. No need to call or email the office – we have automated the registration process. Register at:

<https://thenrg.org/event-4296057>

If you plan to attend you must **register no later than 5:00 PM CST (3:00 PM PST) on June 1, 2021**. Early registration is urged as this event is expected to be heavily attended and seats are limited. All registrants will get an emailed invitation with the required link to attend on or about June 3. **Please join the event with your camera off and your microphone muted.**

• **Entry deadline, August 2, 2021. 2021 NRG Photographic Ship Model Competition.**

The **Nautical Research Guild Board** is proud to announce that the **2021 Photographic Ship Model Competition** is accepting entries. **Entries must be received by August 2nd, 2021. Entry fee is \$30** to be paid via the NRG store. The last NRG photo competition was in 2015 so you have had six years to build your masterpiece!

All the photos will be submitted on-line...no more downloading files to a DVD or driving to the post office. Gold, silver and bronze medals will be awarded to the top three models in the categories of Apprentice, Journeyman and Master builder. There will also be a Best of Show medal awarded. In addition, achievement ribbons will be awarded on a point basis. Every model entered will receive a written review of their model from our judges.

The Competition is open to **Regular NRG Members in good standing only**. To see all the details and enter your model, go to <https://thenrg.org/contests>. We look forward to seeing your model photographs soon.

• **Cancelled-October, 2021. Nautical Research Guild Annual Convention, Oxnard, CA.**

The in-person NRG convention for this year has been cancelled as the problems with the coronavirus pandemic are anticipated to continue to the end of this year. It has been rescheduled still at the **Channel Islands Maritime Museum** (Fig. 1) for October, 2022. Check the NRG website for more news on this.

A virtual visit to this wonderful little museum can still be done via its website at;

<https://cimmvc.org>

and there are several very nice video tours of the museum on YouTube as well. More news about this event can be found at the NRG website.



Fig. 1. *Sovereign of the Seas* model at the Channel Islands Maritime Museum, Oxnard, CA.

- **2021 NRG annual conference will be held virtually later this year.** More on this later on the NRG website.



Maritime Matters of the Month (Ken Lum and Richard Walton)

• **The Hobby Co. in San Francisco has closed.**

Oh, here we go again! After losing J & M Hobby House in San Carlos in March, I have learned that the Hobby Co. which was at 5150 Geary Blvd. in San Francisco has closed. Indeed, someone in the SBMS has told me that it has been closed for a long time now. Sadly, another legacy of Baby Boomer times has exited again! :^(

• **Installation of Tilting Rotor Sails on Ore Carrier.**

Norsepower, a Finnish-based maker of rotary sails, is installing 5 rotary sails on a very large ore carrier (VLOC) named the **Sea Zhoushan** now being built in China (Fig. 2). The sails consist of vertical rotating cylinders each rotated by their own power source.



Fig. 2. The **Sea Zhoushan** being built in China with 5 **Norsepower** rotating sails. (Vale)

They work according to the **Magnus Effect** wherein a wind blowing onto a rotating cylinder induces a force called the **Magnus Force** that is perpendicular to the direction of the wind and to the axis of rotation of the cylinder (Fig. 3). A wind blowing in abeam could induce a force to drive a ship forward.

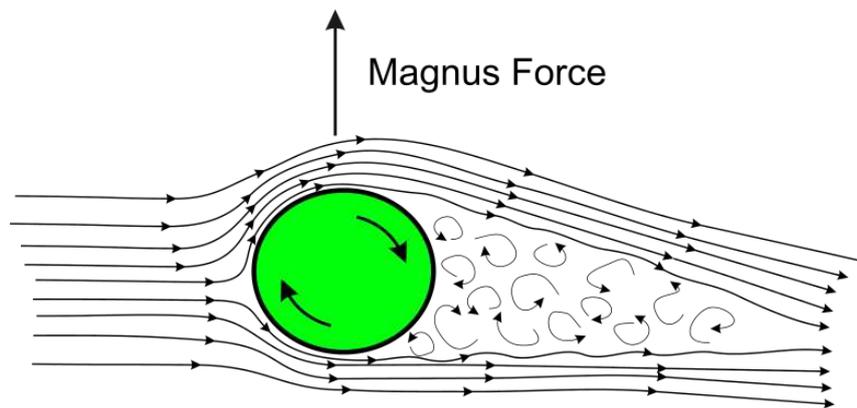


Fig. 3. The **Magnus Effect** on a rotating cylinder
(Rdurkacz/Wikipedia).

The concept of using this force to move a ship was first devised by Finnish inventor and architect, **Sigurd Savonius**, and German engineer **Anton Flettner** in the 1920s. These kinds of sails are known as **Flettner rotors** as Flettner was the first to try them on a ship. In addition to being a form of supplemental power, they allow sailing closer to the wind, can be controlled from a sheltered navigation station, and do not need furling as with conventional sails. However, a reversal in the direction of the wind would require the rotation direction of the cylinders to be reversed. Also, the cylinders need their own source of power to rotate which consumes fuel. So, their economic optimization depends on the quantitative balancing of multiple operational factors during a voyage making their management potentially complex.

Initial attempts at using Flettner rotors in the 20th Century did not prove practical, and the technology was abandoned. However, another series of attempts were made starting in the 1980s in an attempt to improve fuel efficiency with engineering improvements being made along the way.

Norsepower was started in 2012 by CEO **Tuomas Riski** as an attempt to find sources of propulsion that would help reduce the emission of greenhouse gases by deep ocean ships. The **Sea Zhoushan** will be the largest ship to ever use this technology. It is owned by Pan Ocean Ship Management and will be chartered by Brazilian mining company Vale.

Claims of fuel efficiency improvement range 5-20% with greenhouse gas emissions reduced by 1.5%.



Kits News (Ken Lum):

A nice review by Kurt Van Dahm of the Nautical Research Guild in the latest Spring, 2021 issue of the NR Journal reveals a new kit from Dave Antscherl offered via Model Shipways. The kit is of a **Muscongus Bay Lobster Smack** (Fig. 4) which is a single mast gaff rig fishing boat native to Muscongus Bay, Maine and said to be a technological ancestor to the Friendship Sloop. The model's scale is 1/24 making for a 14 1/2" long model. It retails from Model Expo for \$69.99.

MUSCONGUS BAY LOBSTER SMACK
1:24 Scale Wood Model Kit

MODEL SHIPWAYS

BRIEF HISTORY
These boats were developed in the late 1800s for fishing and lobstering and were prevalent in Muscongus Bay, located on the East Coast, north-east of Portland, Maine. They had deck lines and were fast sailing with two wet tanks to hold their catch.

KIT FEATURES

- Historically accurate, highly detailed wood model
- True plank-on-frame construction
- Laser cut banded parts for easy construction
- Detailed plans and illustrated instruction manual
- Wooden display base included
- Sail material included
- Accurately sized fittings and rigging line
- Includes 34 pg. instruction booklet

MODEL SPECIFICATIONS

Length: 14 1/2"
Width: 3 1/2"
Height: 14"
Scale: 1:24 (12"=1 foot)

KIT NO. MS1472

3 Skill Level 3

www.ModelExpo-Online.com
Miami, FL
© 2020 Model Shipways, Inc.

Instructions & Prototype
by Master Model Ship
Designer David Antscherl

MADE IN USA

Fig. 4. New Model Shipways kit of a **Muscongus Bay Lobster Smack**.

This is the third kit of a series of progressively more complicated boat model kits from Dave Antscherl for Model Shipways. The other two are of a **Lowell Grand Banks fishing dory** and a **Norwegian Sailing Pram** which were mentioned in the Sept. 2020 issue of the Foghorn.

I should note that kits of the **Muscongus Bay Lobster Smack** are also offered by **Midwest Products Co.** also in 1/24 (15" length) and **Blue Jacket** at a much larger 1/8 scale at 45" length that can be made radio controllable.



Under Construction at the Model Shipyard

My thanks to Jim R. and Jim T. for their contributions to this month's Foghorn section on member's projects.

- **Completion of *HMS Endeavour* model by Jim Rhetta.**

Looks like Prez **Jim Rhetta** is almost finished with his completion of an unfinished Artesania Latina kit of ***HMS Endeavour*** (Fig. 5) for a Long Beach client as originally described in the January, 2021 **Foghorn** issue.





Fig. 5. *HMS Endeavour* model nearly completed by Jim
Photo

- **Repairs on *Sultana* model by Jim Tortorici.**

I started noticing last year what looked like chunks of metal beneath the gold painted metal parts on my *HMS Halifax* (Fig. 6). It actually looked like the metal was cracking and falling on the model stand. The model is a 30-year-old Mamoli kit. The kit came with pre-painted gold metal pieces. As seen in Figures , the stern carvings, figurehead, and side window carvings were affected.

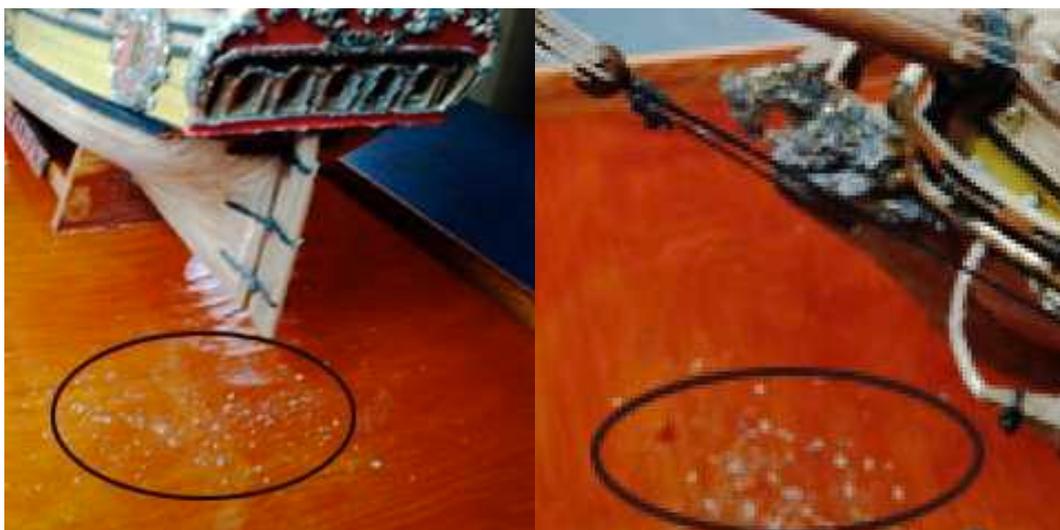


Fig. 6. Exfoliated flakes of material from model fittings found on mounting base.

I cleaned up the affected metal parts using a small hand vacuum (Fig. 7) with brush and rigid attachments. I then used a toothbrush to remove any additional loose material and vacuumed again. It turned out that it was only the gold paint which had fallen off. The affected parts were then repainted (Fig. 8).



Fig. 7. Hand vacuum with accessories.



Fig. 8. Cleaned and repainted fittings



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



2021 Meeting Dates: All in-person club meetings are cancelled by the Los Altos Public Library until further notice. Instead, we are conducting Zoom meetings as an alternative. Stay tuned for further news.



2021 Annual Club Membership

Send in your 2021 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!

2021 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