

CLUB NEWS

Phil Main completed his 1:30 scale scratch build of the **San Juan Basque Whaler** (below). The original ship was lost in a storm in Red Bay, Labrador in 1565. Having begun his build in early October 2015, a full seven years later (last month), she was donated to the Port Colborne Marine Museum. Phil's model was independently appraised at a value of \$18,500.00 CDN. Well done Phil! BZ.



MSON CLUB MEMBERS TO THE RESCUE

Thank you to all that responded to the call for help in locating some Limewood strips. We've learned that Limewood (a species of genus *Tilia* in Europe) is called Basswood (also known as Linden) in North America, the preferred wood of carvers. At this moment **Paul Robson** has all the Basswood strips he will need to complete his first layer of planking on his Bluenose model. Hopefully we will get to see it at a meeting in the future!

PORT COLBORNE CANAL DAYS

Phil Main suggested the club consider having model displays at the **Port Colborne Canal Days** event which takes place over the Civic Holiday weekend at the end of July. This event is extremely well attended by the public from across the peninsula and well beyond. We might possibly be located at the Marine Museum grounds, but this would need to be worked on yet. We will be contacting members about this in 2023, before our last meeting in June.

ORIGINAL PLANS OF THE BLUENOSE

Tijs Theijsmeyer announced he has a full set (25-30 detail sheets) of the original plans of the **Bluenose** which he acquired to complete the rigging of his model. If anyone is interested in borrowing them he can be contacted via the club email and your message will be forwarded to him.

MEETING ATTENDANCE

27 people attended our November ZOOM meeting including one last minute guest, John Tyler. On this day the MSON presently has a total of 82 members of which 36 are classified as local and 46 are distant. Of the distant members 27 are Canadian, 15 from across the USA, and 4 from the United Kingdom.

MEETING PRESENTERS NEEDED

The MSON is constantly looking for volunteer members to show us your "*in construction*" or completed models, techniques, tools and tricks at our meetings. We would like to have some 5 minute regular model progress updates from individuals to supplement some new and fresh 15 - 20 minute main presentations. Will you answer the call?

E-mail us at: modelshipwrightsofniagara@gmail.com



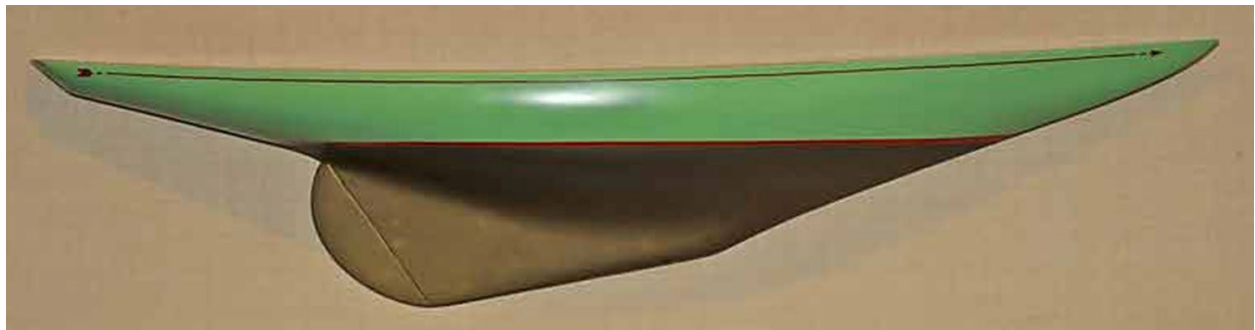
NEW BEST TOOL IN HIS TOOL BOX

Alan O'Neill showed everyone his newest tool that he finds quite suitable for working with small scale model timbers.

A 1-1/2" Veritas layout square purchased from **Lee Valley Tools**, Item No. 05N5410 at a cost of \$12.50 Cdn, and he claims it is worth every nickel.

PRESENTATIONS

1) Ray Peacock presented his **Repair and Restoration of Aphrodite**. It is a full model of the hull of the 1930's International Rule 6 metre (19.685 feet) yacht, designed by C. Sherman Hoyt and owned by Robert Barr, Commodore RCYC (Toronto) 1932. She won several major races in her time before being broken up in 1969. Aphrodite, a displacement hull yacht, measured 37'-4" LOA, 23' LWL, 6'-6" beam, 5'-4" draught and a sail area of 425 square feet. Ray explained the rules that determine the various classes of yachts and the formulae using the yacht dimensions and sail area to determine her class.



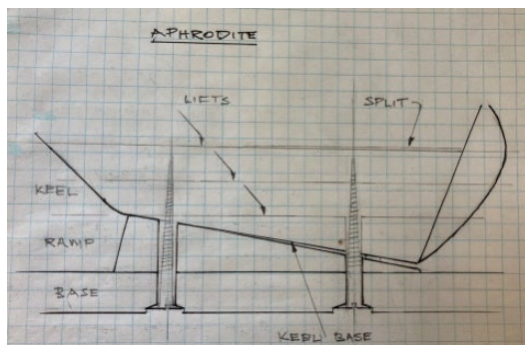
The model above, photographed a few years ago, was recently was dropped and broke in two. She is of

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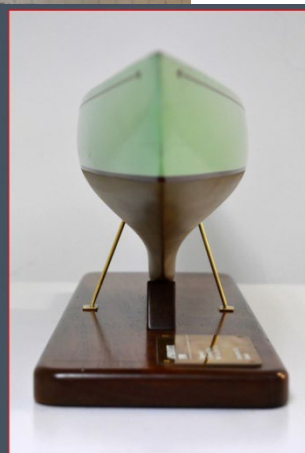
The Golden Horseshoe, Ontario, Canada

<https://modelshipwrightsofniagara.weebly.com/>

bread and butter construction (built up layers or "lifts") that was hollowed out to reduce her weight. There are two wood screws securing the model through the keel to the base. In the break the one screw had no material left to grip to so Ray had to install a bridge piece of wood for the screw to grab. He did this by removing the screw, installing a temporary brass rod that helped line-up the bridge piece and pull it down inside the upper half of the hull until the glue setup and cured.

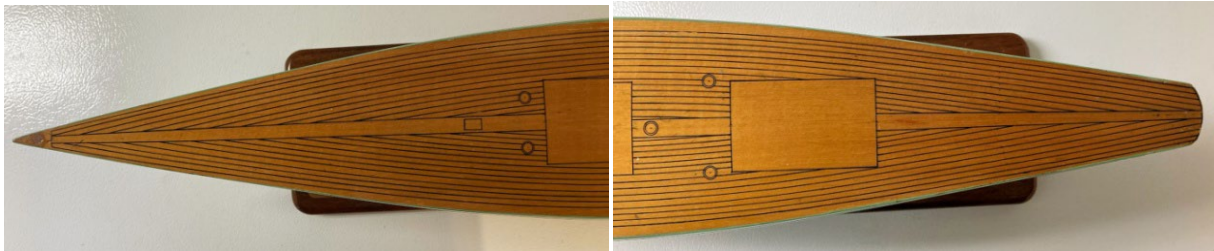


After repairing the hull Ray discovered the keel did not mate properly to the ramp of the base. There was a hump in the keel which caused a gap of 2-3mm resulting in rocking or torque in the model and separation of the lifts. Ray resorted to sanding the keel flat on stationary sandpaper glued to a glass plate 1/4" x 2" x 8". He used white glue to adhere the paper to the surface of the glass and turned the paper/glass assembly upside down so the weight of the glass kept the paper absolutely flat against it as it dried. When the sand paper wears out you place it in a bucket of water for an hour, peel it off and reapply a new sheet.



In order to stop the side to side wobbling of the model, Ray installed stabilizing or prop supports on both sides. He found it tricky to fit the upper brass pad against the hull as it is at an angle both laterally and longitudinally. He drilled a hole through the pad, slipped it over the prop and pressed it up against the hull. Then he used drop of 5 minute epoxy glue to hold the pad in position on the prop rod, removed the assembly

and then soldered the pad to the rod in the correct orientation. After drilling an angled hole through the baseboard the lower pad was slipped onto the prop. The prop was then passed through the baseboard hole from above, and the lower pad was soldered to the prop, using a layer of card to insulate the baseboard from the heat of soldering. The props were held into the base by passing short extensions of the prop rods through the baseboard holes. They are not fixed to the hull, they just keep her stabilized.



Next Ray cleaned up the scratches to the planks on the deck with a split "lining" pen, flexible steel ruler and India ink. Lastly he had to clean up the paint job to the hull as she exhibited numerous scuffs and patches with paint that didn't match the original finish. A trip to his local paint store was called for to have their computer match the Apple Green colour. Ray purchased an 8 oz sample of water base paint from which he claims to have all but a thimble-full remaining. The tiny amount was used to freshen up spots on the hull. The bronze under-water portion needed to be completely repainted after the restoration work was performed.



2) Jeffrey Betcher presented his first completed model, **the schooner *Lively* of Baltimore (1813)**, a 1:48 scale kit by the Lumberyard. She was a pilot boat converted to a privateer for the war of 1812 and so was equipped with a single 9 pounder long gun on a pivoting slide carriage. Jeff did not like the pumps supplied with the kit and replaced them with his own scratch built version that looked like those in his

reference materials. He also built the aft hatch hinges as none were supplied, same with the mast hoops made with brown paper and glue. His 15 star American ensign was found on the internet. He printed it and a mirror image on paper, glued them together and set the wavy shape in with the wetted assembly laying over a dowel. Jeff had to make some of his own scale rope so he bought a ropewalk to do that. He found the NRG Model Ship World forum on the internet to be a great source of encouragement, valued help and information. His build log for this model can be found at:

<https://modelshipworld.com/topic/20014-lively-of-baltimore-1813-by-jeffb-the-lumberyard-148-first-complete-wooden-model-ship-build/?sfw=pass1668366378>



The Schooner *Lively*



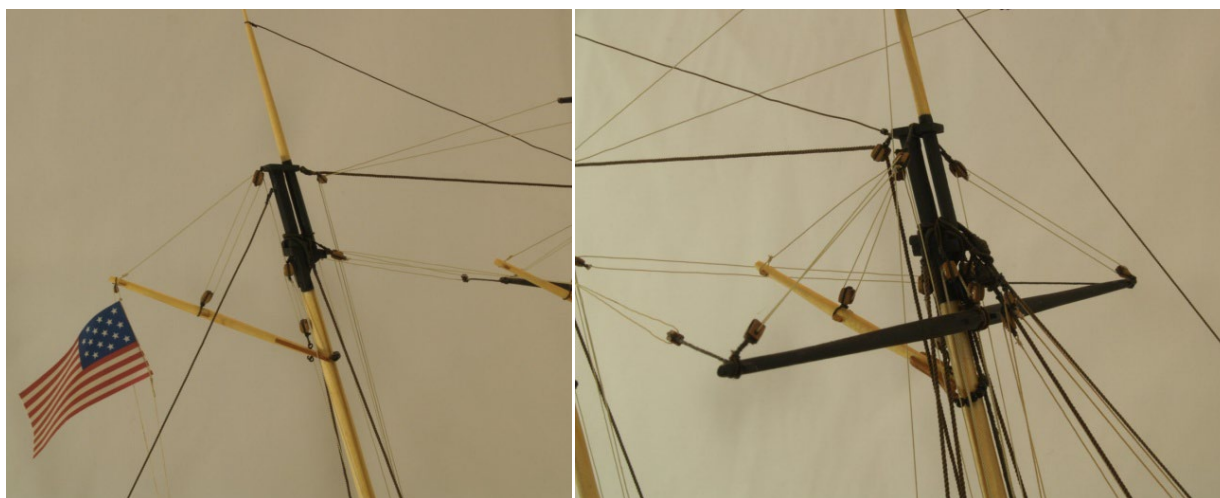
Cast Kit Supplied Pumps versus Scratch Built Pumps



Pumps installed by the mast and 9 Pound Gun



Kedge Anchor and Mast Hoops



15 Star Flag (1813) and Rigging

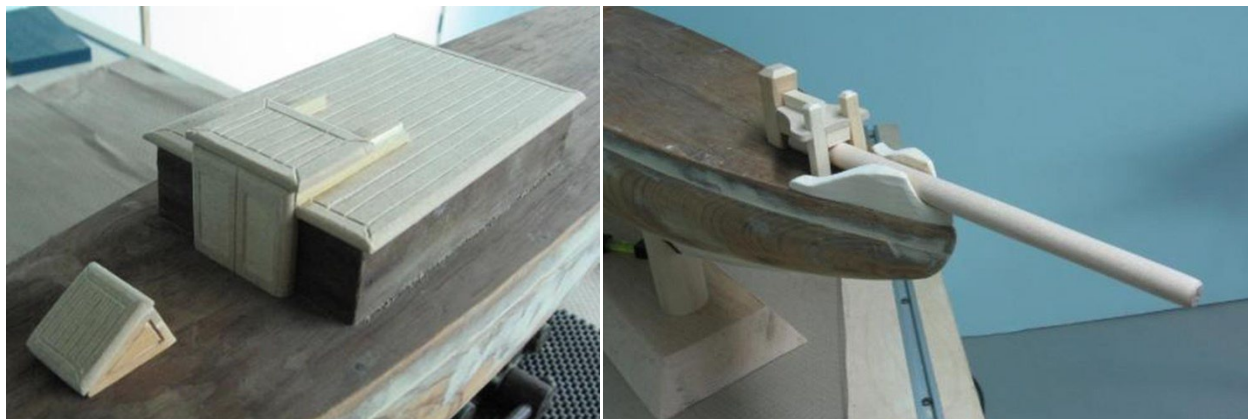
3) Alan O'Neill presented his **Refit of the Schooner *Charlie*** a scratch build of no applicable scale. In the summer of 2014 he was approached by a co-worker and asked to complete a model as a Christmas present for his father-in-law. The gentleman had acquired a bare hull years ago with all the best of

intentions to do something with it, but life took him down another path. You can see the state of the model as received. It was suggested he just throw some sticks and string on it, which was a comfort as Alan had never done anything like this before. It would be his second model ever, the first having been a 1:12 scale 27' Montagu Whaler scratch built in balsa wood with an X-Acto knife and hot glue gun in 1990. Like Jeffery above, Alan found all the help and encouragement he could ever possibly need from the NRG Model Ship World forum. This was just before he joined the local Niagara club. We will let the photos tell the story but you can read details on his build log at:

<https://modelshipworld.com/topic/7113-refit-of-the-schooner-charlie-by-aon-finished/#comment-208930>



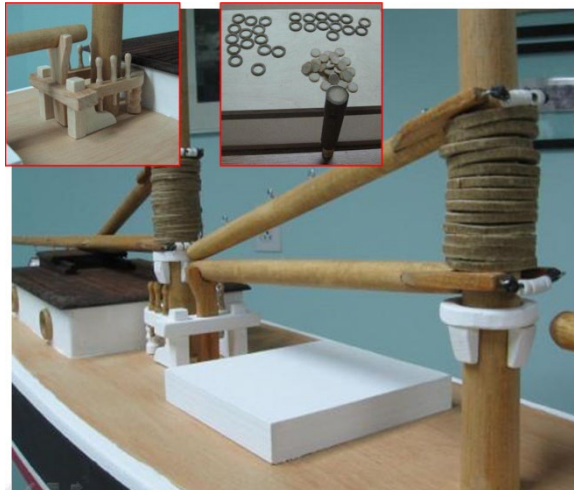
The hull as received (left) ☯ Imagining it to be like the Bluenose (top left)
Adding a skeg for shape (right)



Wheelhouse cabin cover, sliding hatch and door (above left)
Bow cowl, Sampson post and bowsprit (above right)



Ships wheel (left), model stand, rudder and acrylic brush painting (right)



Mast hoops, fife rail, boom crutches, masts, boom, gaff (left) and tying ratlines to the shrouds (right)



Name and home port made with a label maker then coated with diluted white glue to hold

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The Golden Horseshoe, Ontario, Canada

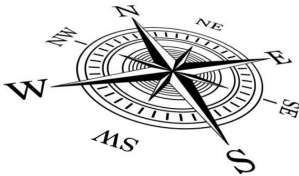
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Charlie completed with only days to spare

That concluded our presentations and monthly meeting.

A special thank you to all members that have stepped up to present and add to the meeting content with comments and questions at all our past meetings. It is your attendance and participation that make this club successful and helpful to other members.



The MSON
Helping to keep fellow modelers on course
since 2008

Our next meeting will be held on **Sunday, 11 December 2022**
Forum opened at 1:15 PM ET for a 1:30 PM start

As always meetings and membership is open to all and free!

Notices will be e-mailed.

The upcoming December meeting presentations:

- **Silicone Mould Making and Resin Casting - Pat Portelli** (20 minutes)
- **Construction of Seaplane Floats - Ron Campbell** (15 to 20 minutes)

Have you anything you would like to share at a meeting?

If so please send us an email.

Modelshipwrightsofniagara@gmail.com