



Forecastle Report

Newsletter of the Midwest Model Shipwrights ♦ www.midwestmodelshipwrights.com ♦ March 2015

● Scuttlebutt ●

COMMODORE, Bob Filipowski, opened the **Chilly** February 2015 meeting promptly at 7:15 with a crew of 27 on deck.

Two guests were introduced, **John Koziol** (with his father), who is a possible new member. Remarkable examples of his work were shown during Ships-on-Deck.

Kurt Van Dahm reviewed all the information on *NRG Mystic* and *Manitowoc*. Next year, 2016, will be the 40th anniversary of the model competition, and the museum is looking for ideas that will make it special. This year, the 2015 model competition will feature a visit to the Manitowoc County Fair Grounds on Saturday afternoon, where

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● Gudgeons & Pintles - Part II ●

By Bob Filipowski

Cut brass strapping from sheet brass stock, as described in **Part I** of Bob's program (Feb 2015 issue).

Cut brass tubing with a Preac saw or a fine tooth jeweler's saw the same length as the width of your strapping (formed above). Depending on your scale requirements, various diameters can be purchased from your favorite hobby center. Either way, one end of the stock will need to be cleaned up.



Take a drill bit the same diameter as the ID of your tubing and insert it into a pin vise backwards with the shank sticking out the same distance as the width of the strapping you've cut. Place a piece of cut tubing over the drill shank and carefully file or sand it down so it is even with the end of the bit. Repeat this with all the cut tubing.



Now that you have prepared all the material, a fixture must be made which will help in the soldering process.

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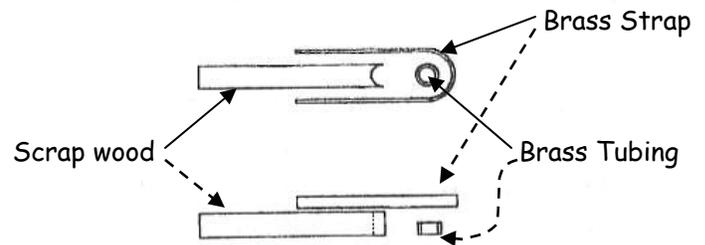
March Meeting Notice

Saw Safety By Kurt Van Dahm

Probably the most dangerous power tool we use is the table saw. Kurt Van Dahm will discuss practices that will help you avoid potentially horrendous accidents. He will also discuss some hints and tips that will allow you to get more out of these handy machines.

Our next meeting will be at 7:15 p.m.
Wednesday, March 18, 2015
At: **The South Church**
501 S. Emerson Street
Mount Prospect, IL

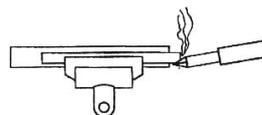
From your scrap box take a 2 or 3-inch long strip of wood with the same approximate dimensions as the diameter and length of your cut tubing. Carefully file a shallow circular groove at one end so that the tubing will sit squarely during soldering.



With the tubing in place, carefully bend a strap around the tube and affix with a spring clip. Make sure the strap is square, of equal length and taught.



Apply flux paste to inside of strap, place a small piece of solder on the seam of the tube and strap and touch an iron towards the heat source. When you see this happen, remove the iron. Once the item has cooled, remove the unit and repeat.



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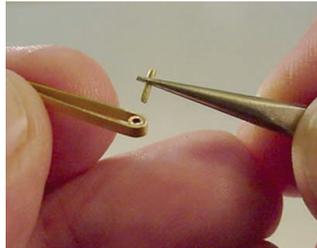
After you have completed soldering all your assemblies, a chemical bath known as pickling is required to dissolve surface oxidation and flux residue from the metal's surfaces. A mixture of water and 'Sparex No. 2' is recommended. A 10oz can will make a quart of solution. Keep the pieces in the solution until all surfaces are clean and bright. Rinse in fresh water and allow them to dry. A word of **CAUTION!** 'Sparex No. 2' is **POISONOUS**, so read all the instructions and handle it with care.



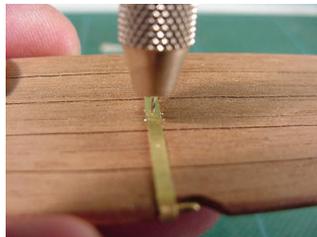
The next step is to fit the soldered straps around your rudder and sternpost. By working the softened brass with tweezers and pliers, this is easily achieved. When ready, cut the straps to their required length and shape the ends as needed. Drill bolt holes in the strap and make sure the wire you are going to use will fit properly. Experiment on some scrap first. Carefully file the insides of the straps to remove any burrs.



Using CA, fasten an appropriate length of rod inside the pintle eyes, making sure the tops are flush and the protruding portion will slide easily into the gudgeons.



Mount the completed pintles on the rudder first. Drill out the bolt holes, but don't go too deep. Chances are the two sides of the strap might not be symmetrical, so why push your luck.



Cut lengths of wire that have been rounded or squared off at one end. Length is critical, since you don't want them to bottom out in the hole causing irregularities in height. To ensure that they extend the



proper distance above the brass strap, take a narrow piece of shim stock with the thickness equal to the required height of the bolt head. Drill a hole in the shim a bit larger than your wire diameter.

As you push each 'bolt' in place, use this shim as a spacer by placing it over the wire and then carefully pressing against the wire with a flat tipped object.



Once the rudder is complete, slide the gudgeons onto the pintles and mount the assembly on to the hull. Repeat the 'bolting' procedure described above on the stern post and the process is complete.

Your finished product will look something like that pictured below:



● Ships on Deck ●

Sid Wotman's 1:48 "Model Shipways" kit of the 14-gun privateer *Fair American* is progressing nicely with work being done on framing up the gun ports and mounting the cap rail. Keep up the good work, mate. She's looking fine.



Glenn Estray says he has **LAUNCHED** his 1:16 model of the catboat *Snorky* and thanked Bob Filipowski and Doc Williams for their help in sup-



plying parts. The sails were made using drafting vellum. Very nice job there, mate. She's ready to sail.

Allen Siegel has turned his attention to the area below the main whale on his 1:50 model of Henry Hudson's ship *Half Moon*. With the planks above the whale done, spiling on the rest of the hull is next on his agenda. In addition to this task, Allen is also working on making cradles to hold his model.



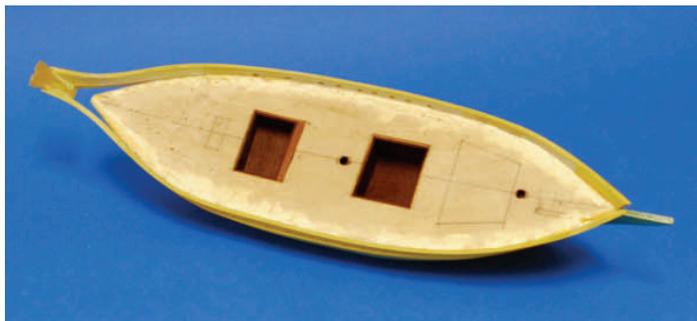
Bob Sykes is building a 1:60 "Mantua" model of the HMS *Peregrine Galley*. This ship was originally built in 1700 at Deptford, England as a "Runner Class" sloop and was used for fast trips to the American Colonies. Bob says that it's looking like a nice kit, so far, but painting has



been problematic (edging in lines, especially). Judging from the ad photo, this is going to become a very fine model.

Bob also brought in a model of the Clipper Ship *Cutty Sark* he bought at a flea market for \$5.00. Looks like a real find to us, mate.

Gordon Field is really bringing his 1:32 scratch-built model of the c. 1905 "Pink" fishing schooner *Dove* into sharp focus with some very fine airbrush work on top of his equally fine planking. Colors for his model were taken



from "Ronberg" articles in the NRG "Shop Notes II". Gordon will work on the deck next and use holly for the nibbing strakes. Fine looking lines, mate.

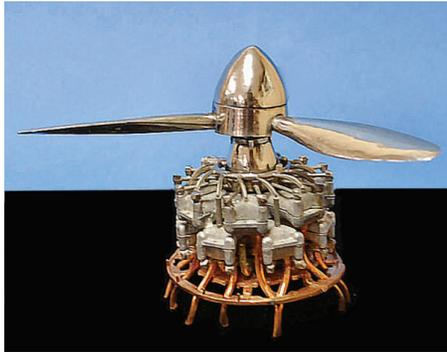
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Paul Bien brought in a copy of a photo print he acquired on the internet. Taken in Cincinnati, OH in 1906, the suspension bridge was built by John R. Roebling (of Brooklyn Bridge fame) during the Civil War. The side-wheel steamboat is the *Cincinnati*. A real collector's item and a great reference for anyone building a side-wheel model. Thanks for sharing it with us, mate.



John Koziol, our guest this evening, showed us three miniature aircraft engines he built in a scale of 1:288. All three were cast out of nickel chrome with brass and copper additions. Pictured is a Tempest Typhoon 24-cylinder engine. Really remarkable work!



"Scuttlebutt", continued from Page 1

attendees will view a model railroad layout. Later on Saturday afternoon back at the museum, **Steve Wheeler** will give a presentation on lapstrake hulls. Registration information can be downloaded from the Museum web site at: www.wisconsinmaritime.org/special-events/midwestern-model-ships-boats-contest-and-display/

On the **NRG** front, the Home Office is moving to Westmont, IL, on March 1, with **Mary Van Dahm** taking care of things for at least a year, or until other options can be explored.

Our mate, **Ray Oswald**, was presented with a *Lifetime Membership Award* and deservedly became the first Shipwright ever to receive this recognition. Ray has always been very supportive of our organization and the Tri-Club model ship building community. As a mentor, he has imparted many of his skills and high standards on those wanting to learn and improve their ability to construct quality model ships. Above all, he has been a good friend to all of us. Congratulations from all of us, mate.



"**Wick**" **Wicklander** is selling a friend's scrimshaw collection including a Pie Crimper, Walking Stick and Sun Dial. Contact Wick directly, if you are interested.

Kurt Van Dahm showed a book worth reading: Keith Ward, *DuPage County Model Railroad; A Closer Look* (Butch O'Hare IPMS). Ask Kurt to see it, if you missed it.

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.

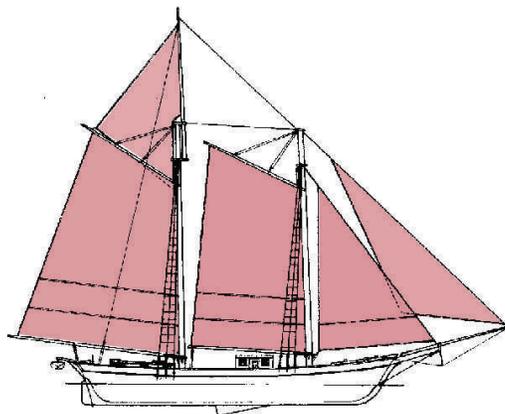
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