



Newsletter of the Chicago Tri-Club Association ♦ October 2024

• Toxic Woods •

If this article sounds familiar to you, it should. Every few years we publish information about the possible dangers of working with various woods. This particular version was submitted by Kurt Van Dahm.

Explanation

Class:

Woods are either an irritant which causes a reaction rapidly after exposure and will cause a similar reaction repeatedly, or sensitizers which may have a latency period of hours or months and may require repeated handling before reaction occurs. Sensitizers are the more severe, because once you are sensitized, you are sensitized for life and the reactions only get more dramatic.

Reaction Category:

- Eye and Skin irritation (hives, itching, redness).
- Respiratory problems.
- Nausea, headache, or general malaise, even liver or kidney malfunction.

Cancer of nose and sinus. Statistics show that woodworkers have a 40 per cent greater chance of nasal cancer than the general population, but most statistics on nasal cancer are based on data from 1920-1960 when the furniture industry became highly mechanized with little or no dust control methods.

Potency: Small, Great, Extreme:

This is the potential of the wood or sawdust doing harm and would vary with the individual i.e., those who are allergy prone might think twice about working with wood classed as extremely potent.

Source: Dust or Wood

Both can be harmful.

(Continued on Page 4.)



October Tri-Club Meeting Schedule The NSD October Meeting



There will not be an October North Shore Deadeyes virtual meeting. Things will return to normal in November.

The NRMS October Meeting

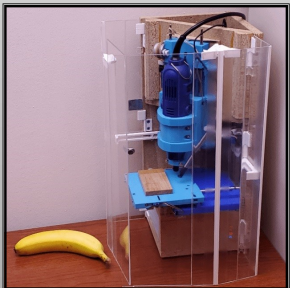
For October, the Nautical Research and Model Ship Society meeting will be a hybrid session. The face to face segment will be held at 237 S. Lincoln Street, Westmont, IL. Kurt Van Dahm requests that those who plan to attend in person let him know so they can be accommodated.

For those preferring to attend the virtual version, an invite will be sent out a few days before the October 12th meeting. Proceedings start at 7:00 PM, but you will be able to log on as early 6:30 PM.

The October MMS Meeting A Home-Built CNC Machine

The banana is just for reference.

The October face to face Midwest Model Shipwright meeting is scheduled for Wednesday, October 16th at 7:00 PM. New member, Paul McClay, will share his techniques for designing and building a miniature CNC machine. You will also see this remarkable device in action. This will be a noteworthy meeting since we have never featured a presentation on this kind of technology.



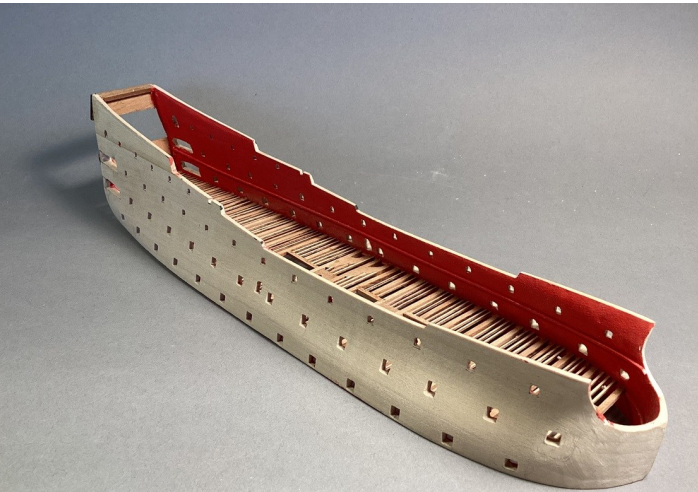
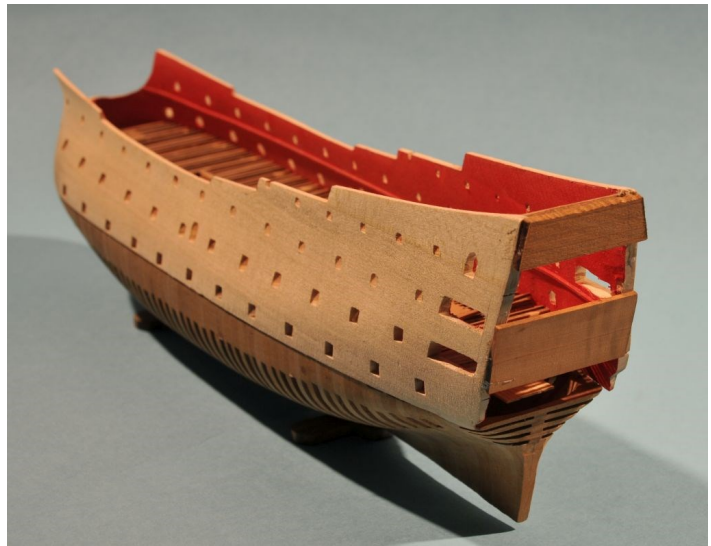
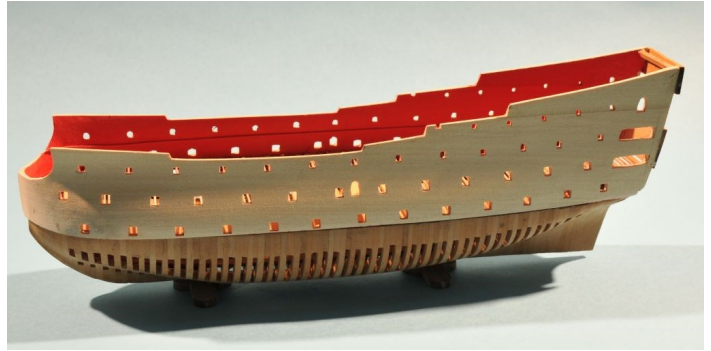
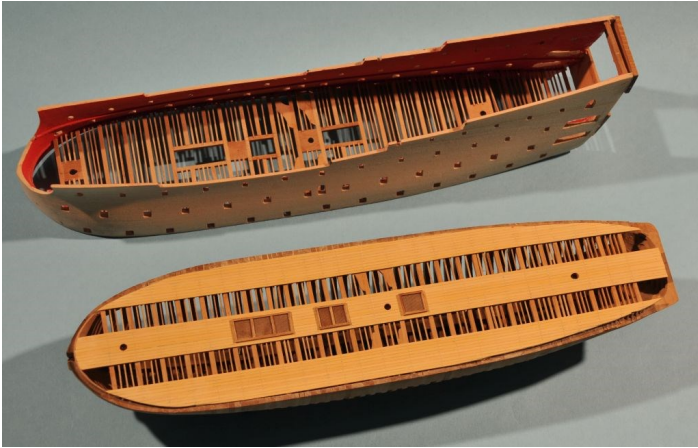
Shipwright meetings are held at the *The Dasom Community Church*
501 S. Emerson Street
Mount Prospect, IL
Doors open at 6:30 PM.



Ships on Deck

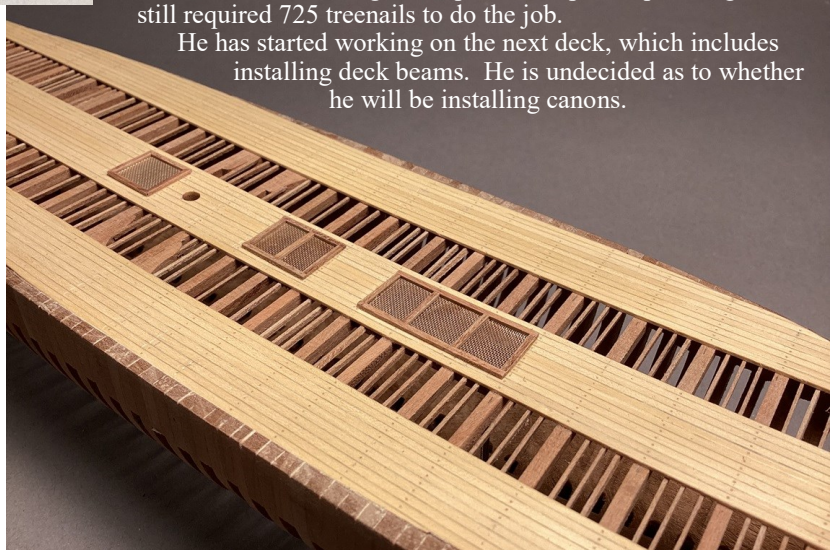


Britannia by Gus Agustin



Gus stated that the lower gun deck is completed and planked as far as he wishes to go. In spite of the partial planking, it still required 725 trenails to do the job.

He has started working on the next deck, which includes installing deck beams. He is undecided as to whether he will be installing canons.

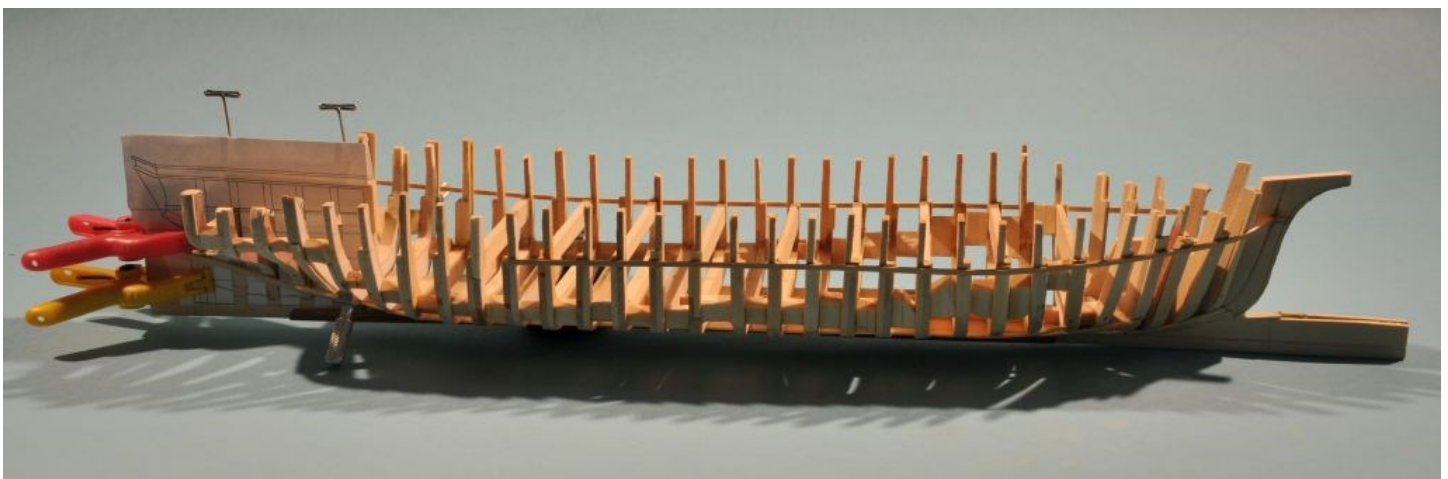
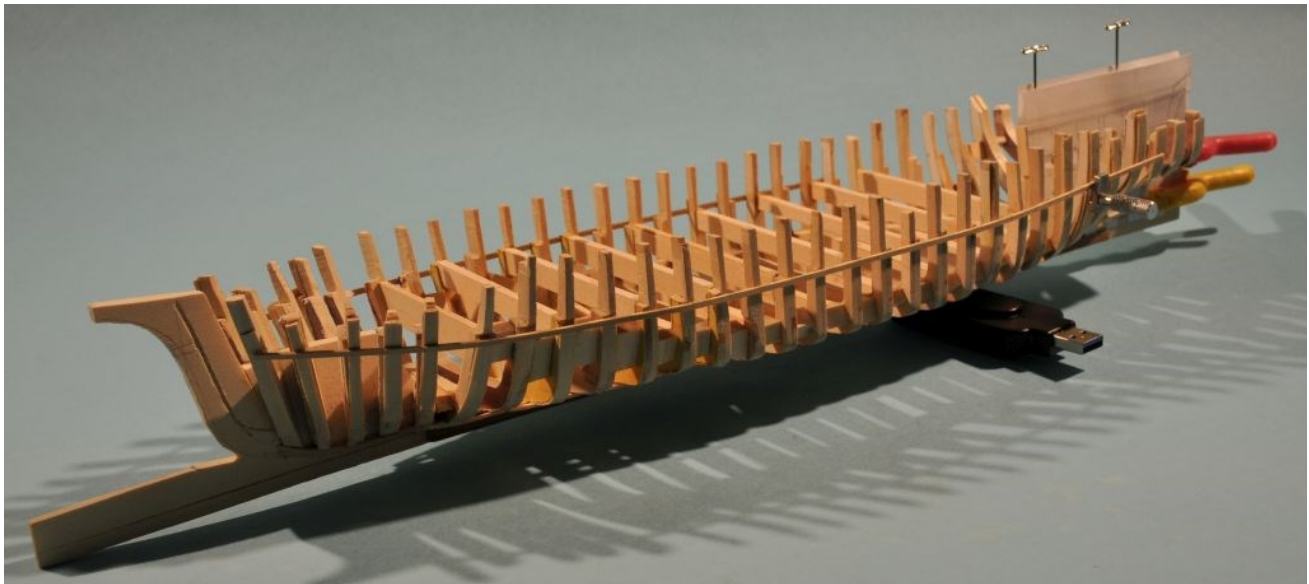
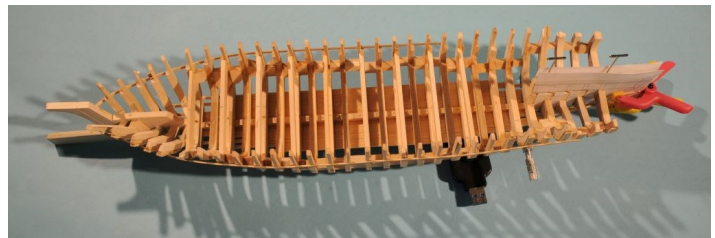
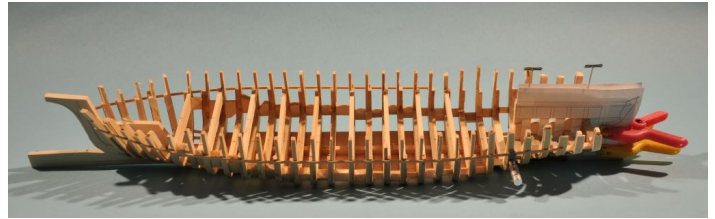




Ships on Deck



Lucia A. Simpson
by Dan Pacholski





Toxic Woods



(Continued from Page 1.)

Incidence: Unknown, Rare, or Uncommon:

This is the vaguest of the categories as most doctors are not acquainted with an allergic reaction to wood. Note that this data does not take into consideration Man's penchant for trying to poison himself by using formaldehyde in plywood, treated woods, sodium compounds in white pine to prevent blue stain, etc.

List of Wood

- Afromosia: irritant/eye & skin, respiratory/great/dust/rare
- Alder: irritant/eye & skin, respiratory
- Angelico: irritant/eye & skin, respiratory/great/dust
- Arborvitae: irritant/respiratory
- Ash: irritant/respiratory
- Baldcypress: sensitizer/respiratory/small/dust/rare
- Balsam fir: sensitizer/eye & skin/small/dust/rare
- Beech: sensitizer/respiratory/great/dust/rare
- Birch: sensitizer/respiratory, nausea/great/dust, wood/rare
- Black locust: irritant/nausea/great/rare
- Blackwood: sensitizer/eye & skin/great/dust, wood/common
- Boxwood: sensitizer/respiratory/small/dust, wood/rare
- Cashew: sensitizer/eye & skin/great/dust, wood/rare
- Chechem: irritant/respiratory, eye & skin/great/dust, wood/unknown
- Cocobolo: irritant/respiratory, eye & skin/great/dust, wood/common
- Dahoma: sensitizer/respiratory/great/dust/common
- Ebony: irritant, sensitizer/respiratory, eye & skin/great/dust, wood/common
- Elm: sensitizer/eye & skin/small/dust/rare
- Fir: irritant/eye & skin/small/rare
- Goncolo alves: sensitizer/eye & skin/small/dust, wood/rare
- Greenheart: sensitizer/respiratory, eye & skin/extreme/dust, wood/common
- Guarea: sensitizer/eye & skin/extreme/dust/rare
- Hemlock: nasal cancer/great/dust/rare
- Ipe: irritant/respiratory, eye & skin
- Iroko: irritant/respiratory, eye & skin/extreme/dust, wood/common
- Katon: irritant/respiratory
- Kingwood: irritant/eye & skin
- Mahogany, American: sensitizer/respiratory, eye & skin/small/dust/rare
- Mahogany, African: sensitizer/respiratory/great/dust/rare
- Makore: irritant/respiratory, eye & skin
- Mansonia: irritant/respiratory, eye & skin/extreme/dust, wood/common
- Manzinilla: irritant/respiratory/dust/rare
- Maple: sensitizer/respiratory/great/dust, wood/rare



Toxic Woods



List of Wood

Continued

- Blackwood: sensitizer/eye & skin/great/dust, wood/common
- Boxwood: sensitizer/respiratory/small/dust, wood/rare
- Cashew: sensitizer/eye & skin/great/dust, wood/rare
- Chechem: irritant/respiratory, eye & skin/great/dust, wood/unknown
- Cocobolo: irritant/respiratory, eye & skin/great/dust, wood/common
- Dahoma: sensitizer/respiratory/great/dust/common
- Ebony: irritant, sensitizer/respiratory, eye & skin/great/dust, wood/common
- Elm: sensitizer/eye & skin/small/dust/rare
- Fir: irritant/eye & skin/small/rare
- Goncolo alves: sensitizer/eye & skin/small/dust, wood/rare
- Greenheart: sensitizer/respiratory, eye & skin/extreme/dust, wood/common
- Guarea: sensitizer/eye & skin/extreme/dust/rare
- Hemlock: nasal cancer/great/dust/rare
- Ipe: irritant/respiratory, eye & skin
- Iroko: irritant/respiratory, eye & skin/extreme/dust, wood/common
- Katon: irritant/respiratory
- Kingwood: irritant/eye & skin
- Mahogany, American: sensitizer/respiratory, eye & skin/small/dust/rare
- Mahogany, African: sensitizer/respiratory/great/dust/rare
- Makore: irritant/respiratory, eye & skin
- Mansonia: irritant/respiratory, eye & skin/extreme/dust, wood/common
- Manzinilla: irritant/respiratory/dust/rare
- Maple: sensitizer/respiratory/great/dust, wood/rare
- Mimosa: irritant/nasal/extreme/dust, wood/common
- Myrtle: sensitizer/respiratory/great/dust, wood/common
- Oak, red: nasal/great/dust/rare
- Obeche: sensitizer/respiratory, eye & skin/great/dust/common
- Olivewood: sensitizer/respiratory, eye & skin/great/dust, wood/common
- Opepe: sensitizer/respiratory/small/dust/rare
- Orangewood: respiratory/rare
- Padauk: irritant/respiratory, eye & skin, nausea/extreme/dust, wood/common
- Pau ferro: sensitizer/eye & skin/small/dust, wood/rare
- Peroba rose: sensitizer/respiratory/great/dust, wood/common
- Peroba white: sensitizer/respiratory, eye & skin
- Purpleheart: sensitizer/eye & skin, nausea/small/dust, wood/rare
- Quebracho: nasal cancer/great/dust/rare
- Ramin: irritant/respiratory, eye & skin/small/dust/rare



Toxic Woods



List of Wood

Continued

- Redwood: sensitizer/respiratory, nasal cancer/small/dust/**rare**
- Rosewood(s): irritant, sensitizer/respiratory, eye & skin/extreme/dust, wood/common
- Satinwood: irritant/respiratory, eye & skin/extreme/dust, wood/common
- Sassafras: sensitizer/respiratory, nausea, nasal cancer/small/dust, wood/rare
- Sequoia: irritant/respiratory, nasal cancer/small/dust, wood/rare
- Snakewood: irritant/respiratory/great/dust, wood/rare
- Spruce: sensitizer/respiratory/small/dust, wood/rare
- Stavewood: irritant/respiratory
- Sucupira: irritant/respiratory
- Teak: sensitizer/eye & skin/extreme/dust/common
- Walnut, black: sensitizer/eye & skin/great/leaves & bark/unknown
- Wenge: sensitizer/respiratory, eye & skin/great/dust/common
- Willow: sensitizer/nasal cancer/great/dust/unknown
- W. redcedar: sensitizer/respiratory, nasal cancer/great/dust/common
- Yew, Europe: irritant/eye & skin/great/dust/common
- Zebrawood: sensitizer/eye & skin/great/dust/rare



Looks Can Be Deceiving



Claude Benusiglio brought in two proportional dividers. Both looked very impressive, but the brass example (the upper unit) was not very accurate. The lower dividers were made in Germany in 1905. Claude stated that they are a pleasure to work with. The brass set ... not so much.





Making Decals

By Bob Frysztak



You can create your own decals by editing existing images or line drawings using Microsoft Word and PowerPoint programs.

What you will need:

A decent photo or scan of what you want turned into a decal. Be sure your image is as flat as it can be (not taken at an angle—this will distort your final product.

Power Point for editing.

Word for printing.

Decal paper for your printer. There are two types: laser jet and ink jet.

They are not cross compatible!



Decal comes in a clear “paper/carrier” or a white “paper/carrier.”

Use clear if you have no white in your decal.

Use white if you do. You will have to trim the decal very carefully before applying, or you will have white outlines.

Use gloss acrylic spray to seal your print to the decal paper. You can use a spray can or an airbrush.

Several thin coats are better than one heavy coat.

Making a clean clear copy of your decal is essential. Start with a larger image so it is easier to edit the colors and trace the outlines.

Saving as a .PNG file will preserve your quality when you shrink it down to the correct size.

A quick practice tracing will help you determine the thickness of the lines you will need for the final size.

This was the starting photograph taken with an iPhone 10 and pasted into a PowerPoint.

The sketch below is good for sizing, but it does not look like the real entry boards on the ship. It actually looks more like a pigeon, and the lines are all very sloppy.

The chain on the anchor is also incorrect, and should be rope.

First thing was to crop and maximize the size of the photo, and get rid of any “extra” material from the image.

The contrast was vastly increased so it was essentially a black and white image. All the non-essential linework was also removed.



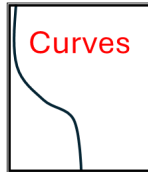
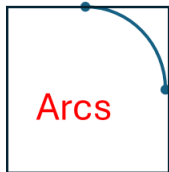


Making Decals

CONTINUED



Retraced all relatively straight lines. This was the easy part. PPT has a nice set of line tools, including straight, curved and arcs.



Inner lines are thicker to simulate depth.

To hide the old artwork, simply create a box covering that area, fill with white (no line), then "send to back by right clicking on the box, then click on the original image and send it to the back. Old lines disappear!

The lower board details were traced first.

A "pre-made" star from the PowerPoint Drawing menu worked well.

Fryszak also used circles and arrows to get symmetry.

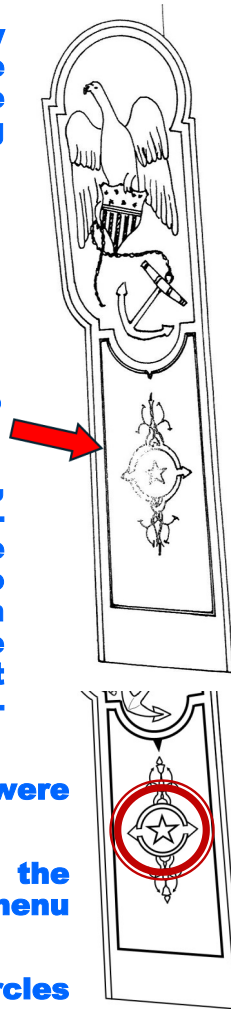
The anchor was out of proportion so a new one was traced over the old one.

A rope was added with curved lines and turns were inserted in between.

The rope allowed Bob to add the eagle's right leg and adjust the shield to the correct angle and size.

The wings were modified to the correct size and perspective.

The body and bottom of the eagle's head feathers were reshaped. Finally, shading was added for depth.



The eagle's head really bothered Bob. He could not use the lousy pigeon head on the plans. (See the sketch in the left column.) So he drew it free hand based on real photos.



The same techniques applied for the lower side boards. It started with an original photo, which was cropped and highly contrasted.

The thickness of the inner lines was increased to simulate depth.

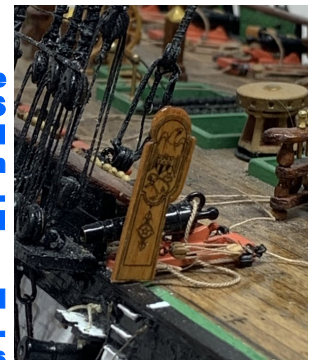
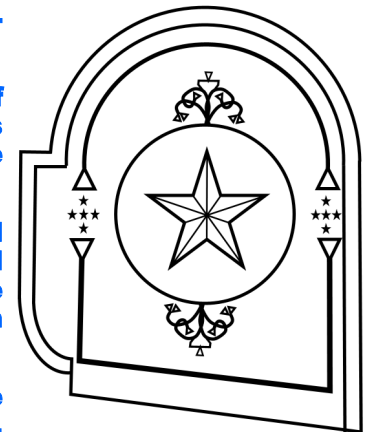
Details were added above the star, and copied. They were rotated so the bottom set was identical.

Small stars were added on the sides, and saved as a .PNG file.

The sketches were switched over to MS Word to print onto decal paper. Sizing in Word can be precisely controlled. Images were then sized to fit on the entry boards.

They were then printed on clear decal paper. Once dry, 3 coats of gloss acrylic were applied from a rattle can to fix the ink to the decal. They were then set aside to thoroughly dry for at least 24 hours.

The decals were then trimmed and applied to the boards. Once dry, they were then covered with three coats of polyurethane to seal them to the boards.



• Tri-Club Anti-Piracy Policy •



Here is a list of banned companies that have been pirating and duplicating kits, books, and plans from reputable manufacturers.

Quite often these disreputable companies offer their products at what appear to be reasonable prices, but these items are often poor in quality. Many of them do not have websites. They market their illegal products via the Internet on sites such as eBay.

If you are contemplating your next project, please check this list. If you are not sure, discuss it with Kurt Van Dahm before you commit to a purchase. For easy reference, this information will appear in all future issues of the *Forecastle Report*.

DryDock Models and Parts (Canada) selling for companies that pirate.

CN	ZHL
CF	RealTS
shi hai	Snail Model
4H Model	XinFeng
Moxing	Crown JD Model
Microcosm	JD Model LHQK
WN	Huasong
Jaocdoen	Shi Cheng
SC	woodenkit (Russian MFG)
DUJIAOSHOU	YengFan
LHQK	Unicorn Model
Master	YQ (YaunQing
	Modelship Dockyard (China)



Chicago Tri-Club Association Officers & Staff



NSD President - Rick Szydelko — szydelko@sbcglobal.net

NSD Vice President—Kurt Van Dahm — modelshipyard237@gmail.com

NSD Admiral Emeritus - Richard Williams—shipdoc27@comcast.net

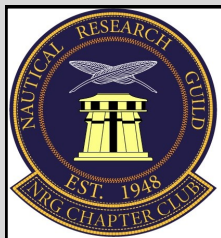
NSD Treasurer - Ed Urbanczyk—turbaned@comcast.net

NRMS President – Kurt Van Dahm – modelshipyard237@gmail.com

NRMS Vice President - Dan Cicero—dan_cicero@sbcglobal.net

NRMS Treasurer - Ed Urbanczyk—turbaned@comcast.net

NRMS Secretary -



MMS President - Bob Filipowski — logline2@gmail.com

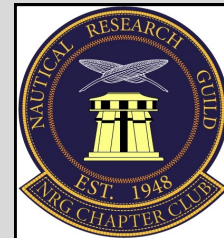
MMS Vice President. - Bob Fryszak — rfryszak@luc.edu

MMS Treasurer - Rick Szydelko — szydelko@sbcglobal.net

MMS Secretary - Bob Sykes — (630) 766-6645

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MMS Web Master - John Pocius...jhydroplane@gmail.com



www.midwestmodelshipwrights.com