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The MSB Journal

The MSB Journal

Volume I, Issue IV

June 2007

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Published by
www.modelshipbuilder.com

Front Cover
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by Arthur Molle

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The Editors Corner



Well folks its finally ready! I was having a hard time getting it finished up this month with all this nice weather. You know what that means. BBQ's & a COLD one...or two.....or more! LOL

I'd just like to make mention of a couple of things that have been happening.

We've been receiving a lot of great ideas from you the readers. Hopefully we'll be able to implement some of them. Though a simple addition, you will notice the addition of page numbers to the bottom of the page this month.

In upcoming issues we will be adding in an R/C section as well. There have been a lot of requests for this. It's merely a matter of finding the right people to help out there as that is one area I have absolutely no experience with.

We broke a new milestone with this past issue. It was downloaded by some 2000 plus unique visitors. We're very excited about this. It shows that we're doing something right for a change! LOL To date, we have far exceeded our expectations. Just wanted to give a quick THANKS to everyone.

We have some great plans for future additions to the MSB Journal that I'm sure that you will like. Only hope I can find enough time in the day to put it all together! :-)

Okay, enough rambling.....Hope you enjoy this issue!

Letters to the Editor

Have questions? Comments? Or are just looking for information? Let us know by sending an email to msbjournal@modelshipbuilder.com

Congratulations on posting your March, April and May MSB Journals. I am rivetted by them. I would very much appreciate you connecting me Victor Yancovitch, as your journal featured a picture of his model likeness of the Norske Love.

This happens to be the model I am building, and would like to confer with Victor on his work, the history of the ship, and other related topics.
Richard

Thanks Richard. Lots of hard work getting them out. But then nothings hard when you enjoy it! :-) If you haven't already you should hear from Victor in the near future. MSBJ

Hi Winston, I have just signed up for your journal as even though I mainly build working model lifeboats I also enjoy seeing other people's efforts. both static and working. The journals are interesting reading and as you wanted to have more involvement with working r/c boats I thought you may like to see what sort of things I get up to.

I always look for a technical challenge when building boats, either larger than normal scale or working features that need technical problem solving.

The odd scale and technical problems are both encapsulated in my 1/6th scale Mersey Class Lifeboat complete with working launching carriage and tractor.
Mike

Thanks Mike! Awesome build! Check it out in the Contributors Pics section everyone!. MSBJ



Thanks a lot for doing this great favor for us all - of putting your great Journals together. I definitely understand about life getting in the way of the things you enjoy most.
Dan

Your welcome Dan. It's always nice to know that people are enjoying the MSB Journal. MSBJ

Another great edition. It is amazing how quickly I have become addicted to your publication. I started looking for the next one about a week after I read the second one. You have managed to include some very interesting articles. I do not know how many novice shipbuilders are reading your publication, but you might want to consider having a section on rating ship model kits. I know a lot of people buy ship models based on the packaging and advertisements. It might help them if you could rate some specific manufacturer's kits to help them make their choice.

I know that more often than not when someone successfully builds a shipmodel he/she will be back to build another. Not so if the first one turns out to be too difficult or of poor quality materials. Most people start with solid hulls then on to POB then on to kit bashing and finally on to the art of scratch building POF. Maybe some words of wisdom from your readers would help in this area.

Keep up the great work....
Bob L.

(cont'd)



Cont'd

Thanks Bob. Glad you enjoy the publication. I had considered putting a section in here for rating kits for the exact reasons you mention.

*Unfortunately, I have not built many kits myself, preferring scratch builds. That being said, I'd be more than happy to publish any reviews that people might have on the various kits. Just drop us a line at msbjournal@modelshipbuilder.com
MSBJ*

Really appreciate the MSB Journal. Particularly as this is a new hobby.
Liam

Glad you like it Liam. Let us know if there's anything in particular you'd like to read about. Always nice to get a novices perspective! MSBJ

My Name is Benito De Teresa, and I receive your issue from my very good friend Antonio Mendez Caraza who live in Jalapa Veracruz México, I am a model boat modeller since 35 yaers ago and my hobby is to build ships fron scratch an a few times from a kit but always I made many modifications in order to have more performance, and all my boats are for sailing in the pond, and I am asking you if you would like to receive fro my some photos, some small articles, and some comments about the model boat activities here in México city?
Benito

Hi Benito! Most definitely! It would be nice to share what others are doing from around the world. We look forward to hearing from you. MSBJ

So You Want to Build a Model Ship

“The quality of your Tools can determine the quality of your model!”

In the last issue we had a look at drill bits, small files and various clamps that can be used during the building process. This issue we'll have a quick look at some measuring devices.

The first in the series of measuring implements goes without question. However there are as many different types of rulers and measuring tapes as there are uses for them.

Over time I have found that I have added many different types of rulers and tapes to my collection. However, I have found that just a basic ruler and tape is perhaps what you will reach for the most.



Above are some simple pocket rulers that you can pick up at pretty much any wood working store. They are very handy in that most come with metric and standard measurements on the same ruler.

Next is a pocket tape by Zippo that I find quite handy.



These too come with both standard and metric measurements on them. Their small size allows them in places that their larger cousins just can't fit in. Also, for any of you horseshoe players out there they can help solve many an argument over who's shoe is closest! :-)

Next we come to precision Calipers. An indispensable tool for precision measuring of parts.



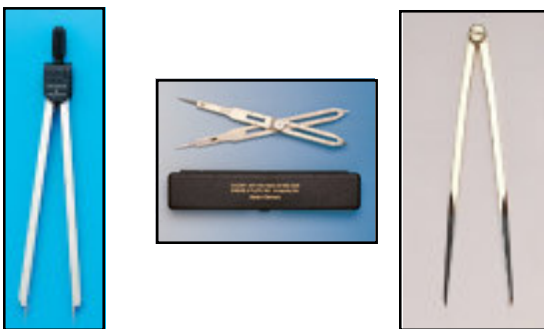
Calipers come in just as wide a variety as they do price ranges. Try to buy quality here if you can. As with all tools, quality tools will last a lifetime and help provide you with accurate results when it comes to the fine scale work you are trying to accomplish.

One more quick note on rulers. Another item I have found quite helpful, especially when working from original plans is the triangular architectural scale ruler.



They can save you a lot of time when it comes to rescaling, with six different scales on the same ruler. Simple to use. Know a component was six feet long from the plans and you are working in $3/16" = 1'$ scale? To redraw, simply turn the ruler to the $3/16"$ scale side and draw away as if you were using a normal ruler.

The next tool you will find very helpful is the proportional divider. These have a variety of uses from transferring information from your plans to your model to ensuring symmetry of parts.



Here again, you will find a variety of different dividers when it comes to size and shape. You can generally pick these up at any local office supply for a reasonable price.

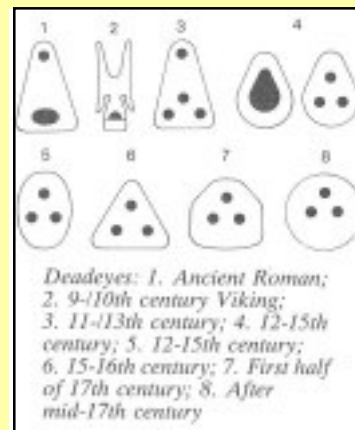
At the end of this issues section on tools I would just like to add, that while there is an unending number of tools that you can have in your tool bin

there's no need, especially if you are just getting started in model building to have to have them all right now...today!

Quality tools can set you back a few dollars to say the least. Buy them when you need them and only if you are going to use them.

A tool in your tool box is a waste of money. A tool that is constantly in your hand is worth it's weight in gold!

Join us in the next issue as we carry on our look at tools for your model workshop.



Ever wonder how you could make your own deadeyes and blocks?

Have a look at at tutorial put together by Jerzy. He also has some other great material at his website.

www.boatmodeling.com

Confederation Marine Modelers

"Hamilton Steam Museum Show"

On May 26th and 27th the Confederation Marine Modelers (CMM) held their annual Hamilton Steam Museum Show which has been on the go now for over 15 years. Unfortunately I was unable to attend the event due to other commitments. However, Doug Grinyer, president of the club was kind enough to send me an update on the show along with some great pictures.



The CMM have been around almost 40 years now and not only are they an active modeling club but they are also active in the community. Something I thought was rather different and worthy of mention. For example, they have put on a display at the McMaster Sick Childrens Hospital in Hamilton bringing great enjoyment to the kids there. They meet the second Tuesday of the Month at the Hamilton Steam Museum in Hamilton Ontario.

The show, was hindered a little by some bouts of rain, but this did not slow things down too much. Discovering that they had a leak in their pool almost prevented the modelers from getting their boats in the water. This was quickly overcome though by making use of their 30' x 30' pond.

In all there were some 40 boats on display from various clubs in the area for visitors to view and even with the dismal weather conditions had over 400 visitors coming through to see them.

Making the most of things visitors could also take a ride on the trains! A definite treat for these folks! LOL





Here is a Trent River barge, a first scratch built boat by Lainey Christan of Lakefield

Alligator boat built by John Brooks of the Metro Marine Modellers of Toronto. The original boat was built in Simcoe, Ontario for use in northern logging.



The Nautilus???





Doug Grinyer's Tug See Gull. A modified version of the Dumas Model Brooklin. Cabin lights, Running Lights, Smoker.

Jack Kipfer from Kitchener was there with his mahogany boats which always seem to win first prize at the Toledo show in April.



This model of the Hamilton Fire Tug "Judge McComb" had it's first launch since being build by their master builder Don Hodgson. This is built on a scale of 1 inch to the foot with 3 pumps for the fire nozzles. All of Don's boats are scratch built..

The Great Lakes Model Boat Association

"MODEL EXPO 2007"

To be held at the Kitchener City Hall
in Kitchener, Ontario Canada

June 30 - July 1.



This event is held every 2 years. The 2005 event attracted 117 entries.

Hosted by the Golden Triangle Marine Modellers, the event is open to all ship models whether scale or R/C.

Categories include, Naval, Pleasure, Working, Sail, Ships-in-a-Bottle, Standoff Scale, Miniatures (1/500 and smaller), Submarines. More categories will be added if required.

Each of these categories is broken down into Kit, Semi-Kit and Scratchbuilt groups with First, Second and Third place awards.

There will be a Best of Show Award, Peoples Choice Award, and a Best Example of R/C Animation Award.

There will be narrated scale running exhibitions on the City Hall reflecting pool Saturday and Sunday.



For more info please contact:

Jack Kipfer - Ph: (519)884-0960

Bob Farrant (905)270-0874

Address: GLMBA, 559 Killbear Court, Waterloo Ont., N2V 2R9

Email- glmba@rogers.com

Have an event? Let us know.



Bobcaygeon "FUN FLOAT"

Saturday, July 7, 2007
10:00 a.m. - 4:00 p.m.

***A Fun Day for All Types of
Scale Ship Models***

**Riverview Park
Mill St., Bobcaygeon
Ontario, Canada
Across from Forbert Pool**

Come and participate in a great day for scale ship models, sailboats and submarines in a great location. "Parade of Ships", regatta course for those interested in trying Precision Sterring and Predicted Log, lunch Barbecue.



For more information contact:

Dan Sinstead
Ph: (705) 738-1335
email: danmodel@peterboro.net

Clubs & Organizations

Each month we display a list of clubs and organizations from around the world which you may find useful in your modeling. You will find everything from general modeling clubs to websites where you can pursue research on projects you are working on. You can check at the MSB website for a more complete list (www.modelshipbuilder.com/resources/links.html).

Bluenose III fans and critics alike will find the following website interesting:

www.schoonerbluenose.ca

This is the official website of the Bluenose III project. You can get all the latest information on what's happening with this project here.



Snyder's Shipyard (left) has been chosen as the shipyard to build the Bluenose III.

Preparation is already underway for laying of the keel July 1st, 2008.

You can view more pictures of the project at the website.

Looks like this will be a well documented project and a rare chance to see how a schooner was traditionally built from start to finish.

Canberra Model Shipwrights Society

The Canberra Model Shipwrights Society (CMSS) was established in Canberra, in the Australian Capital Territory, on 21 April 1988. It has the objectives of fostering and maintaining interest in building and constructing scale model ships, boats and associated fittings, gear, equipment, armaments and relevant items and structures and the pursuit of excellence in this field.

Canberra Model Shipwrights Society is already starting to prepare for their **Expo 2007** event in October. You can learn more about it at their website:

www.canberramodelshipwrights.org.au

From the Files of Ship Wreck Central



Bonhomme Richard

Model by Pierre & Jacques Mailliere

"You can see more pictures of this exquisite model by model ship builders Pierre & Jacques Mailliere at the Model Ship Builder website in the Models section."

"Read about Philanthropist and well known author Clive Cussler's 30 year search for the Bonhomme Richard in the Articles section. Soon to be updated with the results of their most recent dive in 2006."

The first Bonhomme Richard, formerly Duc de Durae, was a frigate built in France for the East India Co., in 1765, for service between France and the Orient. She was placed at the disposal of John Paul Jones 4 February 1779 by the French King and renamed Bonhomme Richard in honour of Ben Franklin.

On 19 June 1779 Bonhomme Richard sailed from L'Orient accompanied by Alliance, Pallas, Vengeance, and Cerf with troop transports and merchant vessels under convoy to Bordeaux and to cruise against the British in the Bay of Biscay. Forced to return to port for repair, the squadron sailed again 14 August 1779. Going northwest around the west coast of the British Isles into the North Sea and then down the east coast the squadron took 16 merchant vessels as prizes.

Last Voyage On 23 September 1779 they encountered the Baltic Fleet of 41 sail under convoy of HMS Serapis (44) and Countess of Scarborough (22) near Flamborough Head. After 1800 Bonhomme Richard engaged Serapis and a bitter engagement ensued during the next four hours before Serapis struck her colors. Bonhomme Richard, shattered, on fire, and leaking badly defied all efforts to save her and sank at 1100 on 25 September 1779. John Paul Jones sailed the captured Serapis to Holland for repairs.

ShipWreckCentral

www.shipwreckcentral.com

Modeling Forums

Join a modeling community!

Lauck Stree Shipyards Forum - www.lauckstreeshipyards.com

Ship Model Forum - www.shipmodeling.net

Model Ship World - www.modelshipworld.com

DryDock Models - www.drydockmodels.com

Model Boat Mayhem - www.modelboatmayhem.co.uk

Carving Practicum (Part I)

Clayton Johnson – <http://claytonsships.blogspot.com>

One of the main concerns that scratch model builders have when they are looking into building a vessel from the 17th or 18th century is all of the ornamentation attached to ships of these time periods. In fact, many model ship builders shy away from this period all together just because of the fact that they are intimidated by sculpture.

With the knowledge of a few basic concepts, however, you can be on your way to making excellent wooden carvings of any type and of any period.

In the last issue of The MSB Journal we covered some of the basics of tools, woods and how to transfer the object you wish to carve from the plans to the medium. In this issue we pick up from that point.



Cutting Out and Holding Down Your Carving Blank

The next step is to cut the blank out. Since you traced the carving around the outside edge of your tracing, your line is slightly outside of where you will want to make your cut. In order to deal with this, simply cut right on the outside line of your carving blank. If you get done cutting and there is no visible outside line, then you know you have done a good job. Like I said before in the tools section, there are alternate tools for lower cost like a coping saw that you can use to cut out your carving blanks as well.

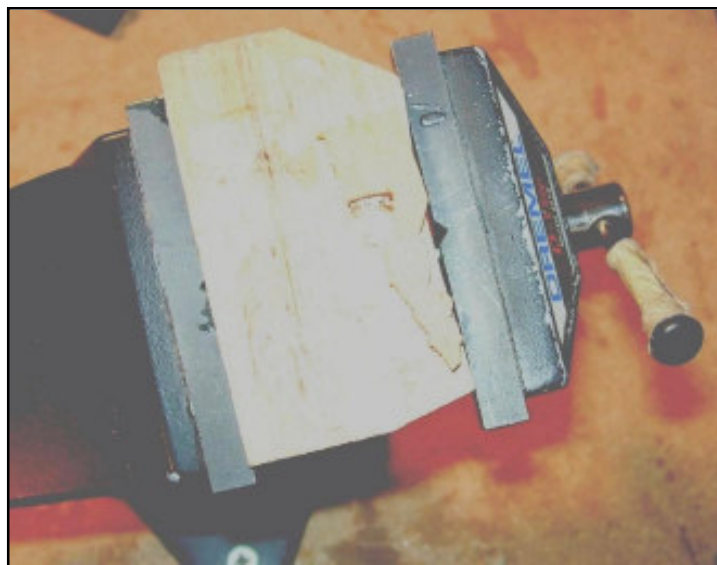


Leave some wood along an edge that will not require much carving such as the back or the top. This extra wood will be what you use to glue down to a surface in order to hold it while carving so that you can use both of your hands while carving.

Add some cyano acrylate to the backside of this extra wood.



Now, take a scrap piece of wood and clamp it down into your vice. Glue the carving down to the scrap piece of wood. Now you are ready to start the main carving process! Notice that I glued the back of the carving down so that the edge that needs the most carving is at the edge of the scrap piece of wood. This way I can get at this face more efficiently in order to carve it.

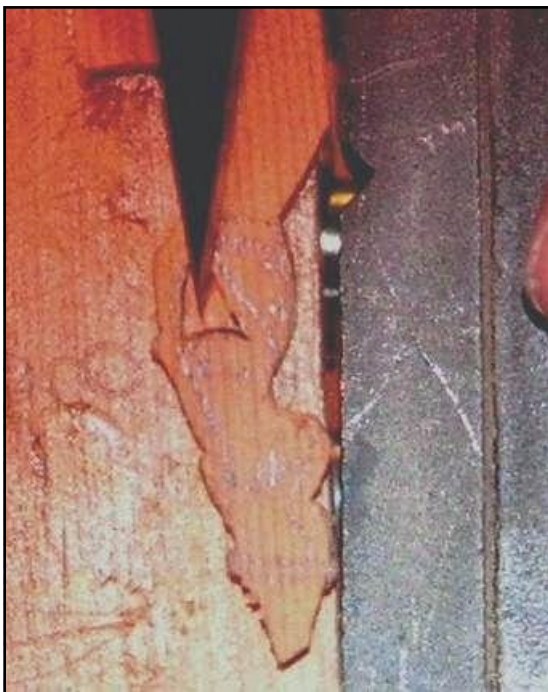


Visualization and Types of Cuts to Use

The carving that you have seen traced and transferred to a blank so far in this practicum is one from the Wasa that is affixed to the clinker built bulkhead that separates the helmsman's cabin from the weather deck. It resembles a crouching devil or demon with his forearms up beside his head. The reason for its stepped back is that it will be attached tight to the clinker surface. We will now tackle the task of shaping this figure in yew wood.

I should mention here that many model ship carvers like to carve under a magnifying glass. This is something that I don't do yet as my eyes are still in decent health. It will, perhaps, become a more practical thing as I get older. Also, I like to keep looking at the carving as other people will see it. I have heard it said that a magnifying glass allows you to carve in more detail and the carving will look even more detailed than it would without the magnification. This is just another thing that comes down to preference.

In the below picture, to the left, the carving is shown with stop cuts behind the figures forearm and around the backside of the figure's head. Stop cuts are made by plunging your blade multiple times into the wood along a line of elevation difference in your carving, which is usually denoted by the lines from your plan that you transferred to the blank. Wood can then be removed from one side of the cut, thus making an elevation break. Make your initial stop cuts rather shallow; you can always come back later and make them deeper. When you go to cut the wood on one side of a stop cut, your blade will automatically stop where you made the original cut, hence the name. In the picture on the right, I am removing material along the stop cuts that I made. Since the carving needs to drop behind the figures upright forearm, the wood on the backside needs to be removed.



In the picture to the right, the wood behind the arm and head of the figure is cleared out to a satisfactory extent. I am also going to cut the stop cuts along the top of the arm, the leg and buttocks, the top and bottom of the forearm are all places where downward cuts, or stop cuts, into the surface of the figure need to be made. I usually use both hands on the knife, with one finger down close to the blade or even on it, and the other on the shaft of the handle. This allows me more control. Obviously, however, I could not hold the camera and use two hands on the knife at the same time.



Once all of the stop cuts are made, the next thing to do is cut the areas on one side of stop cuts that need to be cut down in relation to the part on the other side of the stop cut. In this carving this includes the upper boundary between the figures leg and forward part of the stomach, and the lower boundary between the figures arm and body. This step takes some visualization. What do you want to be of higher elevation in the carving? What needs to be lower? Another way to think about this when making these decisions is how the light will interact with your carving. Light will be reflected off of higher or lower surfaces differently and cast shadows to the lower ones, depending on the direction of the light source. This play of light is what will bring life to your carving.



The arm, stomach, leg etc of the carving now need to be rounded off since no figure has any part of its body that is perfectly square. Hold the blade at an angle and gently push it forward along a square edge of the carving. You can always cut your stop cut down farther in order to make the transition between the two parts more drastic. Notice that the front part of the stomach is cut down farther than the back part in order to simulate a rounded stomach that somewhat hangs between the legs of the crouching figure.



Now it is time to turn the carving and the scrap piece of wood on edge in order to start carving the forward edge. Clamp it in the vice like the picture to the left shows.



We will start with the legs of the figure by making a stop cut down the center of this face of the carving where the legs are going to be.



Next, I am pictured carving a groove between the legs of the figure. I make this groove wider at the bottom since I want to make it look like his legs are slightly spread as he stands and his feet are narrower than the upper parts of his legs.



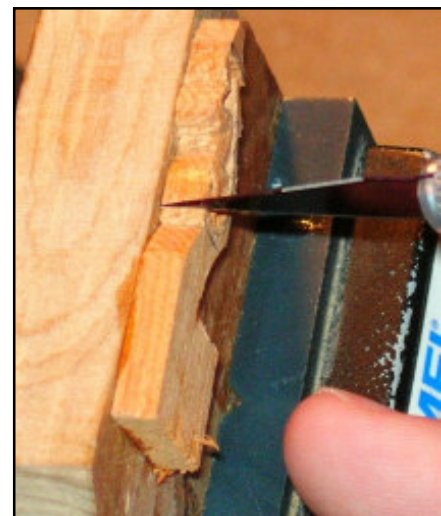
Round off the legs throughout to get a realistic appearance.



The next part includes carving the face. But first we need to make a stop cut in this carving around the forehead since there is a separate surface over the figures head. Then we need to take wood out from between the figures head and this surface in order to make it look like there is a separation between the two.



In a face, the eyes are set approximately halfway up on the forward side of the head. Make stop cuts down into the face as shown where you want the top of the eyes to be.



Now, make vertical stop cuts coming down from your original stop cut as also shown in the above picture. This will eventually form the nose. Take your blade and hold it at an angle and push it up towards your first stop cut alongside the nose. You are now cutting out the eye sockets. Make a small groove on the outside edge of the figures eye socket and round off the edge of the face while tapering it down to the chin.



Now, the carving is really starting to take shape. The arm on one side, the legs, the eye sockets, the nose and the general shape of the body are visible. Notice how, on this particular carving, the socle that the figure is standing on has a thin ledge around the upper part. This is done in the same way as every other aspect of carving that you have learned thus far. By using stop cuts and trimming unwanted wood on one side or the other.



Position your tracing along side the uncarved side and draw reference lines across to the piece of wood from the carving like you did in the first step of this section. Then draw in the details. It will be a little tougher since you are actually drawing the figure the opposite way that it is shown on the tracing. With the help of the reference lines, however, this goal is achievable.

Now it is time to detach the carving from the scrap piece of wood and draw the positions of the stop cuts on the other side. Simply run your knife blade underneath the carving and up towards the extra, attached wood and it will come loose.



Position your tracing along side the uncarved side and draw reference lines across to the piece of wood from the carving like you did in the first step of this section. Then draw in the details. It will be a little tougher since you are actually drawing the figure the opposite way that it is shown on the tracing. With the help of the reference lines, however, this goal is achievable.



Next, glue the excess wood back to your blank in the same manner that you did in the first place. Then, make stop cuts where necessary and start to clear wood out from the same places that you did on the other side.



Next, just as with the other side, cut down places on one side of the stop cuts that need cutting down. Then round off edges.



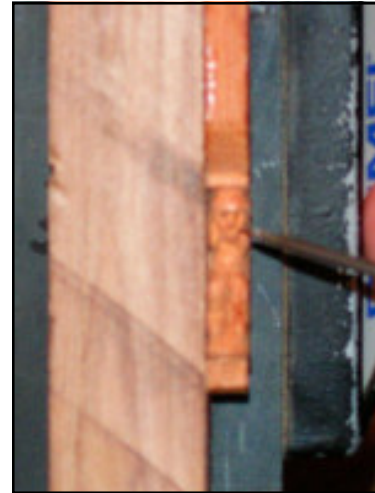
Next, take the scrap piece of wood out of the vice and then turn it on its side and clamp it down again as you did in the first part of making cuts. Round off any corners that need it on the front face such as the eyebrows, legs arms etc.



Since our drawing suggests that there is a face on the socle and other sources do as well, we will now carve a face in that area. Make stop cuts in the shape of a head in the middle of the socle and carve the wood down around it. Then make stop cuts for the nose and eye sockets. Leave the forehead and nose alone and cut the rest of the wood away. Much like you did with the figures face but now just in a smaller scale.



Now add details such as the figures eyes by poking them out with a thin nail or awl. Other details such as wrinkles in the figures skin can be added with stop cuts and cutting down very subtly on both sides of the stop cut.



Other sources can help you tremendously with other fine details. This is discussed later but here is a page in one of my books that talks about the carving that we have been making.



Now, separate the carving from the scrap piece of wood again. Cut the excess off the top, remove any extra wood that is undesirable, and finish it however you would like. I simply dip mine in polyurethane, wipe off the excess if there is any, allow it to dry, and the carving is finished.



Using this method of carving, and with a little practice and patience, it will not be hard for you to turn out quality sculpture. You will also be able to be very consistent if there is more than one carving your model that are of the same dimensions and artistic style. As you can see in the picture below, there are no two carvings that are exactly alike and making your own sculpture for your model ships will help you approximate that unique character that every carving has and had on the original ship.



Finishing

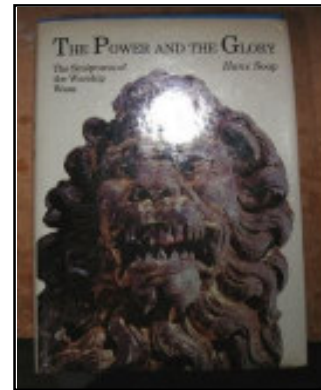
When it comes to this practicum, I will not even attempt to portray myself as an expert when it comes to the kinds of finishes and the proper procedure that you are supposed to use with them. I will, however, explain briefly what I do to finish a carving and point you to some resources that can expand your wood finishing knowledge.

When I am finished with all of the cutting on my carvings and am satisfied with them, I will give them a coat of semi-gloss polyurethane, wipe off the excess if there is any and allow them to dry. This gives the wood a nice "glow" and preserves and protects it. It also accentuates the details so that the carving is more pleasing to look at.

When it comes to finishing, you have to ask yourself the same kinds of questions that you did in the beginning when selecting wood types. What is your visual objective for your model ship? How can you cut down clashing colors while optimizing contrasts? If contrasts are not your goal, what color finish should you use that will keep your model aesthetically pleasing? This is all up to you and depends on the vision you have for your completed work.

Using Sources Other Than Your Plans

Many times you will only be given a view of one side of the vessel that you are modeling in your plans. From one side to the other, carvings that are counterpart usually are basically the same, however, there can be minor differences that can give you an opportunity to work in more detail and add more interest to your model.



The Wasa is a perfect example of this phenomenon. With just having the plans from the Wasa museum, I only have an idea of what the carvings are like on the starboard side. The ones that are counterpart on the port side are very similar but the below book makes it obvious over and over again that there are slight differences.

This particular book goes into most every carving and explains the iconography, dimensions, character, and location that they are affixed to the ship.

The below carvings are the Roman emperors that grace the port side beakhead. Without these pictures I would not know what the port side emperors looked like since they are slightly different than what is on the starboard side.



Pictures of the Wasa have also been valuable. Any picture or painting can be a valuable resource for you as well.

We hope that you have found this practicum informative and helpful!

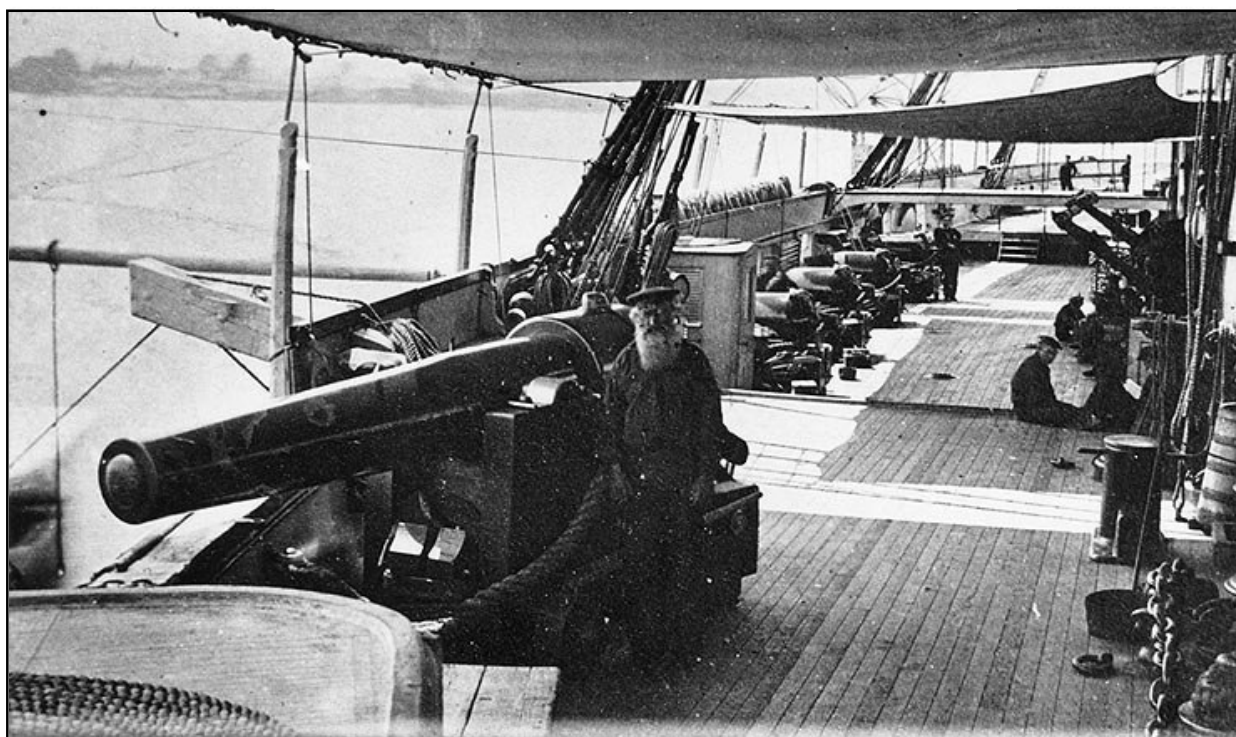
To ask Clayton any questions you may have or make a comment please feel free to send your comments to us. You can also contact Clayton through his website.

**Be sure to check the Model Ship Builders Bookstore for more information
on model ship carvings
www.modelshipbuilder.com/store.html**

Ships from the Past

"The U.S. Frigate *Hudson* returning from a cruise with a fair wind"

Mid-19th Century print, "Drawn and Engraved Expressly for the *New Mirror* by W.J. Bennett." USS *Hudson* (1826-1844), initially built at New York for Greece, was purchased by the U.S. Navy in 1826. She made one overseas cruise, as flagship of the Brazil Squadron between 1828 and 1831.



USS *Pawnee* (1860-1884)

View on deck, looking aft from the fore-castle, circa 1863-1864. An "Old Salt" is standing by the ship's 100-pounder Parrott rifle, with the starboard battery of nine-inch Dahlgren shell guns visible beyond. Note awnings spread overhead, and crewmen sitting on the deck amidships.

“On The Cover”



On the cover of this issue of The MSB Journal we thought it only fitting to complement the second and last part of Clayton Johnson's Carving Practicum with the works of a true master carver and model builder Mr. Arthur Molle.

You can view more of Mr. Molles' work at the following website:

www.touscollectionsneurs.com/arthurmolle/index.htm

Ever been to a website with what looks like it has great content but it's in a foreign language so you can't understand a single word written on the page? I've come across a tool that might be just what you are looking for. Google Translator. It offers the ability to translate the whole page and never leave the site.

This tool is in the Google Toolbar. You can download it directly from google. Or, we'd appreciate it very much if you linked to the download page through MSB:

www.modelshipbuilder.com/resources.html

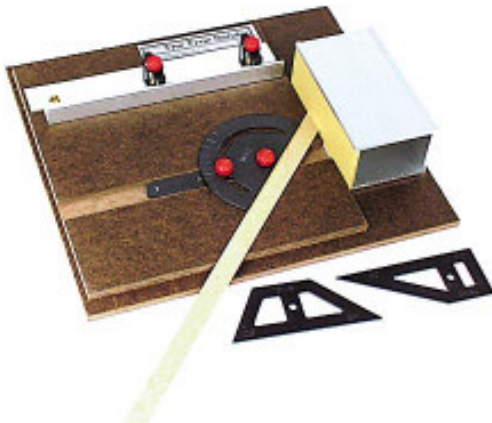
It's part of the GooglePack of which there are a number of other "free" tools that you might find helpful. Download one or download all. Just click on the GooglePack image in the left border of the page.

Jigs & Things



Here's a handy vise that you will find helpful in your workshop. Very versatile

I've been looking around for something that would help with some precision cutting. This might just do the job! :-)



This true precision sanding jig looks like something that would be easy to construct or you can simply purchase one.

All items above were found at the Micro Mark website

Updates at Model Ship Builder

Recently around Model Ship Builder we have been looking at various ways to help bring you some content that you might find helpful. We are always open to our visitors suggestions and in particular contributions. Due to readers correspondence we are starting to implement some new features at Model Ship Builder.

Over the past six months or so I have been noticing at many of the discussion forums people asking about modeling events. Not only by people looking for events in their own area but also from modelers who are travelling and wishing to drop in on other clubs events to see what they are doing.

We have come up with a way that we believe will be very beneficial not only to the people looking for these events but also the modeling clubs out there that want to get word out about their events, and do so in a very efficient manner.

Model Ship Builder has implemented Google Calendar into the website. This calendar has a few unique and powerful features for sharing information. What I think is one of the most powerful aspects of this calendar is it's sharing feature. It allows clubs the ability to maximize its exposure to the rest of the modeling community in one simple interface.

Consider these possibilities:

1. Your event is immediately displayed on the MSB website so that any of our visitors can see it. Currently some 12,000 + unique visitors a month and growing.
2. Your event is immediately displayed in the calendar of anyone who has added the MSB event calendar to their google account. So, people don't even have to visit the MSB site to know about your event. They can learn about it whenever they log into their account and see it on an ongoing basis.
3. Your event is immediately displayed on the website of anyone who adds the MSB event calendar to their site giving your event further exposure. You can even post it on your clubs website and eliminate one more place to have to update information. Simply update or add an event in the calendar once and it's updated everywhere.

If you'd like to know more about the calendar please do not hesitate to contact me and I'll answer any questions I can right away, and for those I can't answer right away, I'll find the answer and get back to you.

This is a work in progress so I'm still learning as I go as well. So far it seems like a very viable and powerful tool that you can use to keep up to date on events in the modeling community.

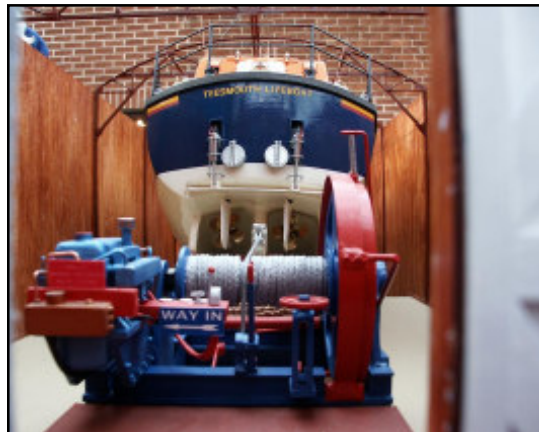
To contact me about the calendar please use the following email address:
msbjournal@gmail.com.

Check out the calendar now at www.modelshipbuilder.com. It's at the bottom of the page.

Contributor Pictures

We've had quite a few submissions for this issue. To make your submissions simply send them to msbjournal@modelshipbuilder.com.

Here's a unique build by Mike Pendlebury. A 1/6th scale Mersey Class Lifeboat. Everything is custom built including the tractor!



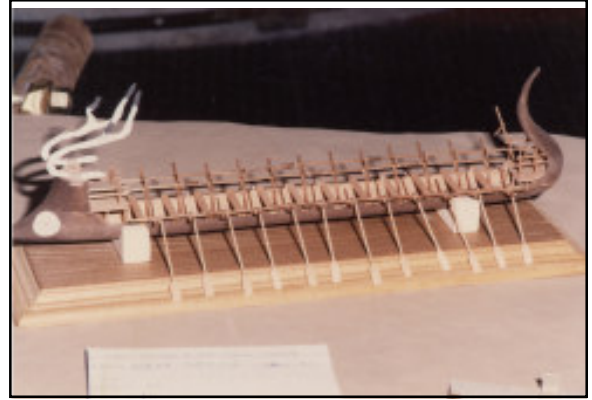
If you follow this link you can see how Mike completed Mersey build, warts and all!!

<http://www.lifeboats24-7.co.uk/MerseyRC.htm>

This link will take you to the 'trials' of the Tyne's slipway launch.

<http://www.youtube.com/watch?v=CQPuo6P4NZs>

Here's a collection of pictures from Salvatore os some older boats/ships.



Dorica 3500 b.c.



Egiziana



Fenicia



Sambco Arobo

Types of Masts

by Gene Bodnar

All masts were built sturdily, with some mainmasts reaching upwards nearly 200 feet from keel to truck. Sails could easily be replaced as often as necessary, but masts were built to survive any ferocity of the sea and wind.

Most of us are familiar with the mainmast, foremast, and mizzen mast. Did you know there are many other kinds of masts and terms used for masts? See how many you can identify by completing the match-up below.

- | | | |
|----------------------|-----------------------|--------------------|
| 1. ____ Clothed mast | 6. ____ Rough tree | 11. ____ Jury mast |
| 2. ____ Bare poles | 7. ____ Spencer mast | 12. ____ Made mast |
| 3. ____ Armed mast | 8. ____ Stump mast | 13. ____ Cant spar |
| 4. ____ Tripod mast | 9. ____ Wrung mast | 14. ____ Pusher |
| 5. ____ Hand mast | 10. ____ Trysail mast | 15. ____ Pole mast |

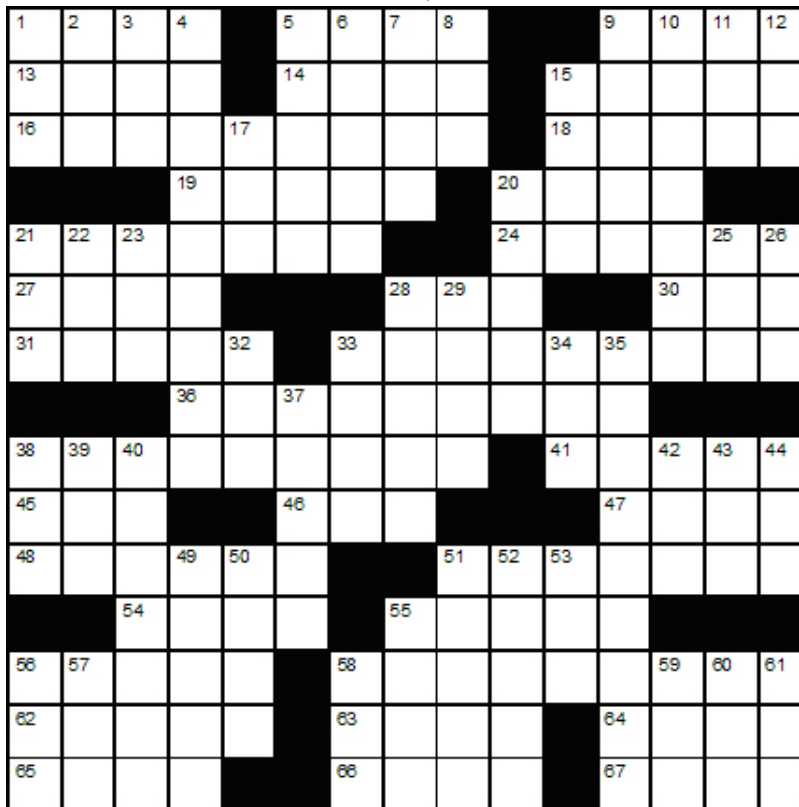
- | | |
|-----------------------------------------------------|------------------------------------------------------------------|
| A. Mast that is warped out of position | I. Mast made from a single piece of timber |
| B. Unfinished mast | J. Lower mast with no top and no mast
Above it |
| C. Mizzen mast of a 6-masted vessel. | K. Large mast constructed of many pieces |
| D. Pole suitable for making a large mast | L. Auxiliary mast rigged just abaft the
foremast or mainmast. |
| E. Pole suitable for making a small mast | M. Mast for a fore-and-aft sail |
| F. Ship at sea with no sails set | N. Mast made from two pieces of timber |
| G. Three-legged mast. | O. Lower mast on which the sail touches
the deck |
| H. Temporary mast created from
materials at hand | |

Dates in Naval History

1813 - HMS *Shannon* captures USS *Chesapeake*, Capt. James Lawrence. As the mortally wounded Captain Lawrence was carried below, he ordered "Tell the men to fire faster! Don't give up the ship!" These words would live on in naval history. Oliver Hazard Perry honored his dead friend Lawrence when he had the motto sewn onto the private battle flag flown during the Battle of Lake Erie, 10 September 1813.

You can read more here: <http://www.history.navy.mil/wars/datesjun.htm>

Nautical "A" Direction by Gene Bodnar



Across

- 1 Barbershop sound
 5 Print style
 9 Ratify
 13 Greek sandwich bread
 14 Verbalized
 15 Native Israeli
 16 Lying parallel to a ship
 18 Shroud of __ (famed cloth in Italy)
 19 Shasta, for one
 20 Story
 21 Dig up
 24 Within a ship
 27 Artist Chagall
 28 Liable
 30 With 9-Down, state in Brazil
 31 At right angles to a ship
 33 They cause a dog to scratch
 36 Kind of electronic message
 38 NASA launches
 41 Toward the left-hand side of a ship
 45 Slangy betrayer
 46 Dripping
 47 Pennsylvania port
 48 Like a grounded ship
 51 Mohandas Gandhi's title
 54 Fleece

- 55 Kind of boom
 56 Dumbfound
 58 Along the length or across the breadth of a ship
 62 Matador's dangers
 63 Fisherman's bait
 64 Wicked
 65 Makes up one's mind
 66 Elizabethan and Victorian
 67 Refuse to acknowledge

Down

- 1 Germany's Bad Ems, for one
 2 Goose egg
 3 Japanese premier Hirobumi
 4 Police patrol vehicles, in the United Kingdom
 5 Take as a given
 6 Kind of whiskey
 7 Elizabeth __ Stanton (women's suffrage leader)
 8 Pub brew
 9 See 30-Across

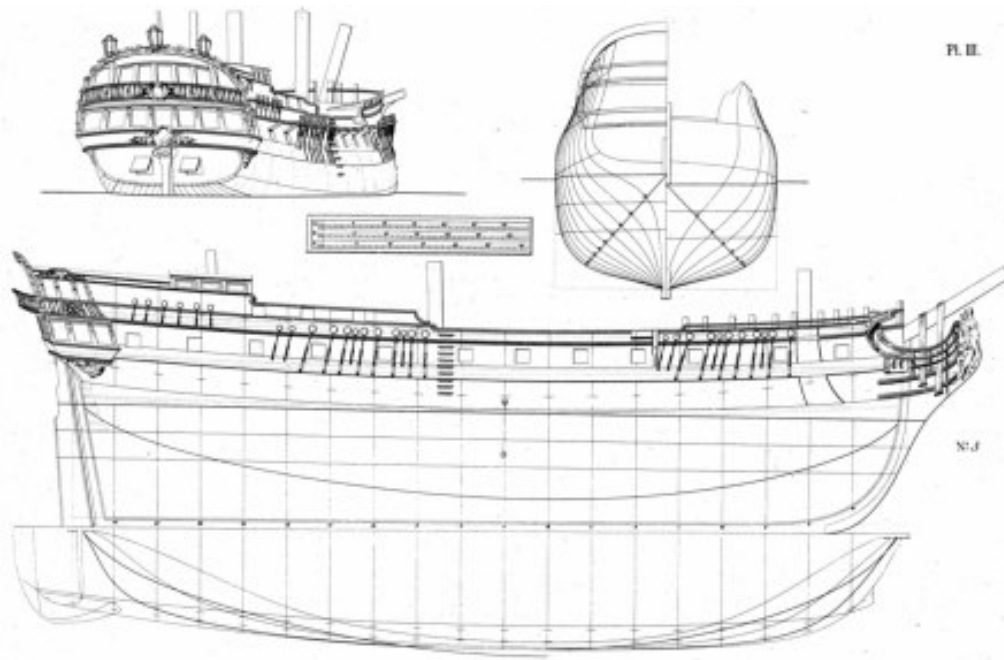
- 10 Side by side with another ship
 11 __ Lanka
 12 __ Francisco, California
 15 Pierce
 17 Kind of pike
 20 One of Genghis Khan's horde
 21 *Kill Bill* star Thurman
 22 Apprehend, Mickey Spillane style
 23 Before, in poetry
 25 Actress __ Dawn Chong
 26 Author John __ Passos
 28 Up in the tops of a ship
 29 Cribbage board markers
 32 Wrestling surface
 33 High-pitched flute
 34 Lamb's cry
 35 Accused an official of an offense
 37 A modeler might use one for a mast
 38 Bikini part
 39 __ Cruces, New Mexico
 40 Across the line of a ship's course
 42 Scrap of food
 43 Wheel's outer edge
 44 Oolong, for one
 49 Seeps gradually
 50 Fish eggs
 51 Watered-silk
 52 South America's "backbone"
 53 __ *Girl Friday* (Cary Grant film)
 55 Self-satisfied
 56 Gone by
 57 Swab
 58 __ carte (separately priced)
 59 "__ Got a Woman" (Ray Charles hit)
 60 Item in a bowling alley
 61 Tricky

Dates in US Naval History

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Ships Rig - Frigate

Plan III from Fredrik Henrik af Chapman's *Architectura Navalis Mercatoira*. High resolution graphics can be downloaded at www.modelshipbuilder.com/resources/the-msb-journal.html



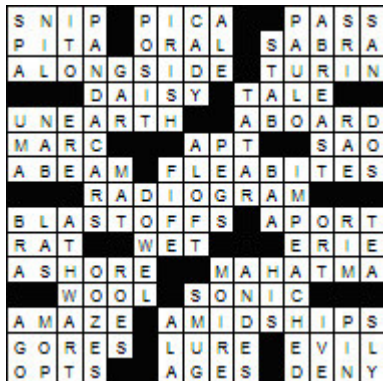
Info from English Translated Index

Plan III

Length between perpendiculars of stem and sternpost: 136'

Moulded Breadth: 36'

Draught of water as it is on plan: 19'

Nautical "A" Directions Answers

Types of Masts Answers 1-O, 2-F, 3-N,
4-G, 5-D, 6-B, 7-M, 8-J, 9-A, 10-L, 11-H,
12-K, 13-E, 14-C, 15-I