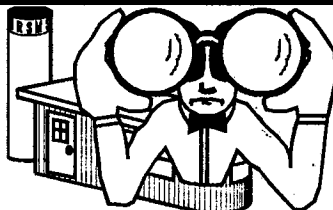


## From the Pilothouse



The ship modeling seminar on July 22nd at the Mariners' Museum went very well. Presenters Alan Frazer, Jim McCurdy, Bob Sanderson, John Cheevers, Len Wine and Joe McCleary all did a splendid job. About thirty people attended during this all day event. Mark Friedman from the museum staff demonstrated the new museum presentations that have been placed on computer disks, The images were excellent, Len Wine deserves a hearty attaboy for organizing this along with Martha Stewart from the Mariners' Museum staff. I would hope that this could become an annual event.

Preparations for the NRG meeting in October have been completed under the very able leadership of Bill Clarke. Thanks to Bill Hinrichs for contacting all potential commercial exhibitors. We owe Len Wine special thanks for a fine job of getting the brochure ready for the printer. We shall need everyone's help in October to insure the success of this meeting.

Jack

## Minutes



July 14, 1995

Members: 17

Guest(s): Don Duguid  
John Davidson

Meeting called to order at 2007.

### Old Business

Mariners' Museum Model Contest- All of the entrants have received feedback from the judges. At our December meeting members will share the judges comments as well as their models.

Mariners' Museum Modeling Seminar- The seminar is still scheduled for July 22 at the museum. Attendance is free.

NRG Conference- The flyers have been mailed out and we have started to receive responses. We have also received responses from 3 vendors: Preac, Anchor, and Taubman.

Chesapeake Bay Maritime Festival- We're signed up to participate in the festival on October 14-15 at Town Point Park in Norfolk.

Newport News Centennial- The consensus is that the members would like to have more information before committing to participate.

### New Business

None.

### Show and Tell

Jack Bobbitt- Jack described doing the bottom paint on his latest model. He used Burnt Sienna to simulate the antifouling paint. Since that was susceptible to damage, Jack covered it with a layer of Floquil flat lacquer, sprayed from a can. The results were good on one side but the lacquer clouded up on the other. After discussions with Floquil Jack decided that the likely culprit is moisture. Floquil also sent along a brochure on thinning ratios. Jack can provide copies.

Jack also brought along the plans of the oyster dredge Metunga, done by Ben Lankford. Ben recently found the plans after a 20 year hiatus and Jack was able to get a copy. Jack also got a copy of the original NRG article from the mid 60's. Jack is trying to find out if the Metunga still exists.

Bob Sanderson- Bob is getting ready to mount his latest model and wanted to know a good place to get pedestals to mount it on. The Pottery was mentioned as a good place to get lamp parts. Model Expo sells pedestals by mail order. Several members volunteered lathe time to turn pedestals. (Ed. Note: I have a small Unimat which is portable and is available on loan.)

David Tagg- David is working from 10 to 3 each day at the Monitor/Virginia Museum. Admission is free and David encourages everyone to come down and take a look.

John Cheevers- John showed up at 2105.

The meeting adjourned at 2112.

## Minutes Continued

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Thanks to David and Karen Tagg for their hospitality. The refreshments were great and it was fun to see how Dave is progressing on his latest model. Can't wait to see it in the water.

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### Notice to Mariners

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#### Mariners' Museum Modeling Seminar-

Based upon the reactions of the attendees and the presenters the seminar was a big success. Everyone had a good time and there was a lot of great modeling information passed along.

Alan Frazer started the program out with a presentation on deadrise construction. Alan began by showing slides of the construction of a 1:1 scale deadrise at the museum. After getting a look at actual building techniques, he showed us how he built his model following actual practices as much as possible.

Jim McCurdy did a basic presentation on hull lines and then showed the various types of construction, including: bread and butter, plank on bulkhead and plank on frame. Jim also discussed the types of woods and how to choose the right wood for a type of project. Jim brought along samples of each type of hull and many different types of wood.

Bob Sanderson rounded out the morning with a discussion on kit modeling. Bob talked about choosing the right type of kit to start with and where to find them. He also covered things like tools and glues and paints. Bob made it clear that there is a kit for everyone.

We then broke for lunch and a chance to get to know everyone. After good food and conversation it was time to tour the model contest exhibit. Alan was rested up after his morning talk and proceeded to give a very informative briefing on the models being shown. Alan stayed calm in the face of adversity, including a pushy museum patron and the TV3 news camera lights. (Ed. Note: Tom Saunders was interviewed and showed up on the evening news.) Following the tour it was back to the classroom for the afternoon presentations.

Len Wine got the afternoon started by talking about radio control models. Len covered hull construction, installing the electronics and some sources for buying RC equipment.

John Cheevers was up next to talk about doing research and

looking for plans and other information. John pointed out that living in this area we are close to a wealth of information in Washington DC, including the Smithsonian and the National Archives. Plans and information are also available mail order from many sources.

Joe McCleary brought up the rear with a presentation on his model of a 50' Royal Navy picket boat. This is a beautiful model and Joe used lots of interesting techniques building it. The model is radio controlled and shows that RC models can be built to the same standards as static models.

Thanks to everyone who participated in the seminar and especially to Martha Stewart and the rest of the museum staff for hosting the event. We couldn't have asked for better facilities for the presentations and the box lunches were excellent.

#### Basic Soldering-

There are lots of ways to attach metal pieces but soldering is one of the simplest and most effective. Welding and brazing can also be used to join metal pieces but require higher temperatures and therefore more specialized equipment than most of us have access to.

Soldering can be done with a soldering iron or gun or a small butane or propane torch, depending upon the amount of heat required. The first step is to make sure the tip of the soldering iron, or gun, is well tinned. Tinning is a thin coat of solder applied to the clean tip. The tinning will enhance the heat flow and help ensure a good joint.

The next step is to thoroughly clean the pieces to be soldered. The joint area should be lightly sanded or filed to remove any surface scale and then wiped clean. I usually use a brush and some alcohol to clean after sanding.

Now get the pieces ready for soldering. Soldering is one of those operations that requires 3 or more hands. The pieces have to be held, by something as simple as taping them down to a board or as complex as fabricating a fixture to hold them. Apply flux to the joint areas. **Don't depend on the flux to clean your joints.** Flux doesn't clean, it prevents oxidation during the heating process allowing the solder to bond to the metal surfaces.

Now you're ready to solder the joint. Depending on the type of joint you may want to put a small sliver of solder on the joint before heating. Apply heat to and allow all the surface to heat up evenly and then apply the solder. A little solder will go a long way and you should end up with a bright shiny joint. If the solder blobs up and looks dull and rough the joint area wasn't hot enough. Remove the old solder, reclean the surface and try again.

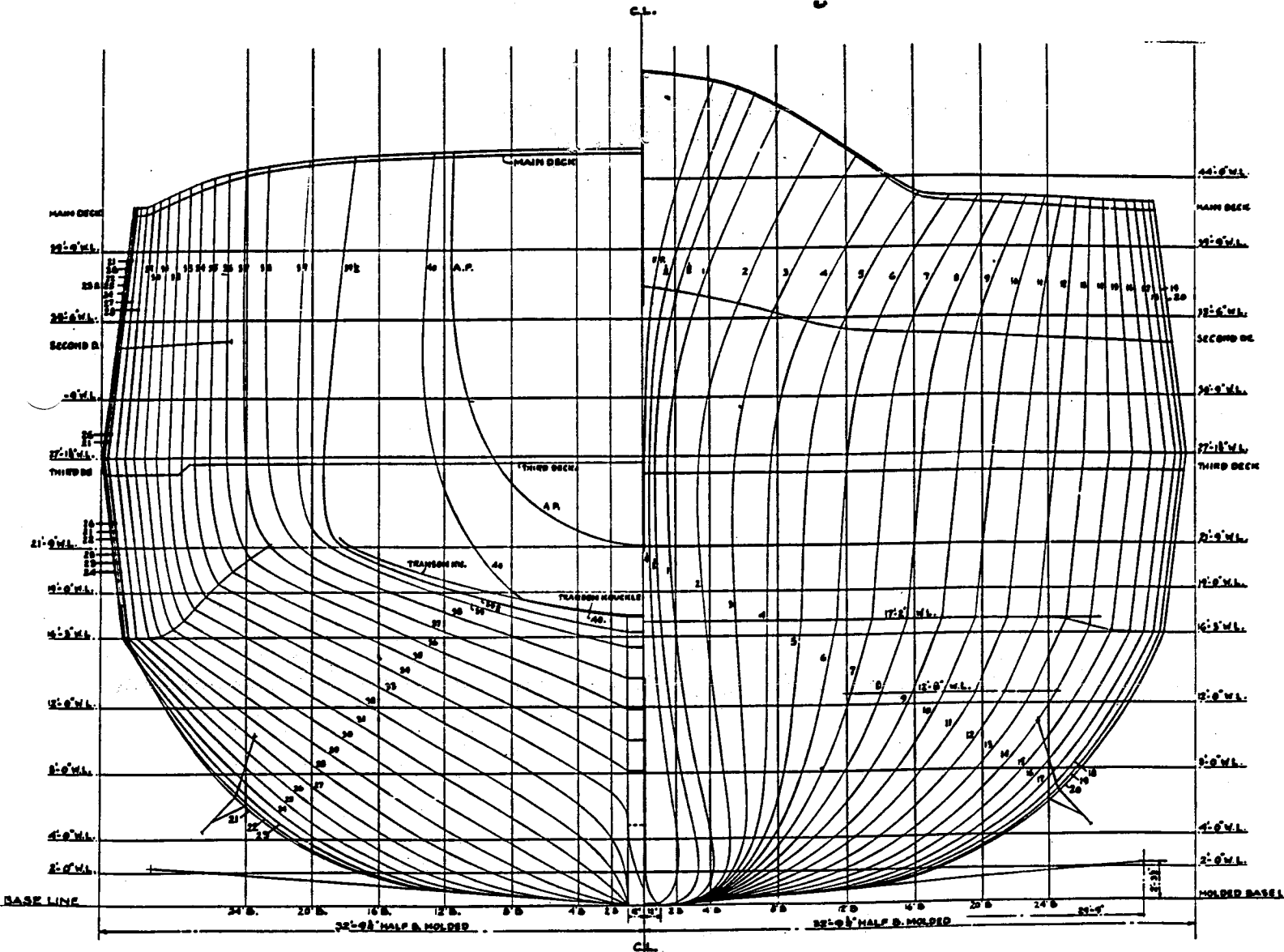
The amount of heat required will depend on the size of the pieces you are soldering and the type of solder you are using. Obviously larger metal pieces will require more heat. If you are soldering multiple joints then you will have to

# NOTAM Continued

protect the previous joints with some type of heat sink, water soaked paper towel works well. The higher the silver content in the solder you are using the higher the heat required. The advantage to using "silver" solder is that it is much stronger and will probably have a longer longevity than "lead" based solder. The disadvantage to silver solder is that it is harder to use and will probably require some experimentation to get a

good solder joint.

Soldering really isn't hard and once you've mastered the basics it ends up not only being very fun but is an easy and quick way to join metal pieces. Look in your library for books on soldering or electrical/electronic building techniques for more information.



Hull Sections, USS Fargo (CL-106)

# Watch, Quarter and Station Bill

WQSB

October Meeting: 13 October, 2000 Hrs., Host: Graham Horne

October 14-15, Chesapeake Bay Maritime Festival and Classic Boat Show, Norfolk, VA

October 27-29 ; NRG Conference, Holiday Inn, Hampton, VA

Skipper: Jack Bobbit  
(804) 599-0557

1st Mate: Jim McCurdy  
(804) 482-5426

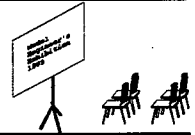
Purser: Bill Clarke  
(804) 868-6809

Clerk: John Cheevers  
(804) 591-8955

Historian: Chuck Reynolds  
(804) 548-0844

Editor: Len Wine  
(804) 588-5831

## Next Meeting



The next meeting will be at 2000 hours, August 11 at Oak Grove United Methodist Church, 472 Battlefield Boulevard, Chesapeake, VA. The church is providing a meeting room, tables and chairs. We just have to make sure we clean up afterwards. Its recommended that members coming from the peninsula and Richmond use 664 and the M&M bridge tunnel. See the map below for directions:

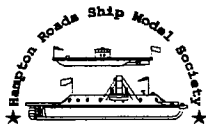
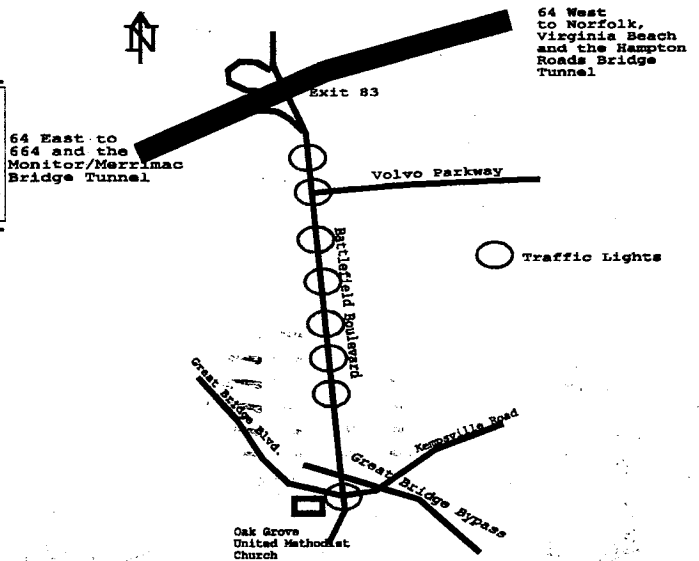
## Upcoming Events

August						
Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

August Meeting: 11 August, 2000 Hrs., Hosts: Jim McCurdy, Harvey Williams, Len Wine

September Meeting: 9 September, 2000 Hrs., Host: Chuck Reynolds

September 8-10, Ships-in-Bottles Association of America Eastern Regional Conference, St. Michael's, MD



c/o Len Wine  
7432 Red Brook Road  
Norfolk, VA 23518



John F. Cheevers P  
414 Burnham Pl.  
Newport News, VA 23606