



San Diego Ship Modelers' Guild

1492 N. Harbor Drive

San Diego, CA 92101

June 2007

NEWSLETTER

VOLUME XXXI No. 6

OFFICERS

Guild Master
Robert Hewitt
phone redacted

First Mate
Bill Grolz

Purser
Ron Hollod
phone redacted

Editor
Bob Crawford
phone redacted
address redacted

Log Keeper
Bob McPhail
phone redacted

**Newsletter
Distribution**
Bob Wright
Robert Hewitt

Established in 1972
by
Bob Wright and
Russ Merrill

San Diego Ship
Modelers' Guild
is affiliated with
and supports the
Maritime
Museum of San
Diego



Guild meeting Report May 9, 2007

Robert Hewitt opened the meeting and asked if there were any visitors or new members present. Francis MacNaughton introduced himself. He is from Plymouth, England and was on a business trip here. He built a remote control model that holds the record for the furthest distance traveled by a remote control ship in twenty four hours. He also has written articles for an English hobby magazine. George Barrett is a new member. The pursers report was given by Robert Hewitt since Ron Hollod, the purser was also not present. The balance as of March 31 was \$<redacted>. With income and expenses the new balance as of April 30 was \$<redacted>. Robert indicated that Ron will send out a letter to members who have not renewed their dues asking if they want to continue their membership or not.

Bob Crawford then gave his editor's report. The museum received a donation of eight model kits. Due to the value of these kits, the museum would like to get 50% of their retail value when they are sold. Bob will provide more information about these kits. Bob would like to know if anyone is not receiving the newsletter. He is also still waiting for a bill from the museum for the cost of mailing the newsletter.

Robert Hewitt provided an update on the damage to some models in the model shop. Based on information provided by Jack Klein, this had happened before. On weekends, the only phone available is in the model shop. It is possible that the damage occurred by someone using the phone.

Robert then discussed the San Diego County Fair. He passed out tickets and parking passes. The sign up list is 100% fill. Individuals who volunteered should be receiving a letter with their dates. If there is an error, use the date(s) on the sign up sheet. Robert reminded everyone to enjoy themselves, promote the museum, and stay awake.

Bob McPhail briefly discussed the SAN SALVADOR Project. Robert Hewitt and Don Bienvenue have joined the team. A short status meeting was held by the team members after the regular meeting.

The LPD 22 (USS SAN DIEGO) project is moving along. The hull should be arriving at any time. Tony Bunch will need help with final construction and detailing when the model arrives.

Bill Luther provided an update to the USS Chicago (CG 11) brass model project. The model has arrived at the museum and will require some minor work. He discussed two models that he built which were raffled off at the USS CHICGO reunion. He plans to personally deliver these models to the winners.

SDMSG SHOW AND TELL

May



A beautiful 16' to 1" scratch built model of the *Fair American* by **Gus Augustin** is going into the County Fair. A Naval Academy Museum model of a British trophy model privateer was the probably basis for most *Fair American* models today. It probably represents trophy model, made in England some time after the capture by the British in 1782 of the very successful brig that sailed out of Charleston. Brief internet search revealed that this "brig sloop" had 68 ft length, 16 guns, of Chesapeake origin, builder and designers unknown. This or another *Fair American*, according to the Dictionary of American fighting ships, may have been used on Lake Ontario during the War of 1812, and not captured at all. **Don Dressel**

brought the finely detailed almost miniature model to us. When asked how to make such small details, Don joked: "Build it larger, then spray it carefully with a secret substance that shrinks it!"

After building a model of his old ship, *USS Chicago*, veterans from the ship hood-winked **Bill Luther** into making these two models for them. *USS Chicago* was a heavy cruiser of 8" guns commissioned January 1945 which participated in the bombardment and subsequent occupation of Japan. She was decommissioned in June of 1947 and laid up until her conversion to a guided missile cruiser began in 1954. The model CA-136 is a Revell kit of the *Helena*, from which Bill removed all the crude plastic details, replaced them with photo-etch brass. He "waterlined" the crude and incorrect hull and painted her in USN measure 21, sea blue scheme she wore during the war.



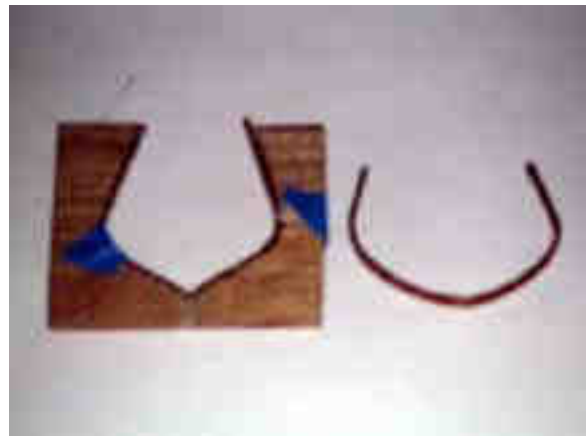
The guided missile cruiser *USS Chicago* CG-11 was converted from the heavy cruiser *Chicago* CA-136, commissioned in 1964, and home ported in San Diego all her career until 1980. **Bill Luther's** model is a monogram kit of the *Chicago*, also to be fitted with photo-etch details and railings. Black top hamper and boot top are still to be painted. Bill will apply Starfighter decals for the complete set of markings.

Royce Privett showed us the latest bits and pieces added to his privateer *Rattlesnake* in 3/16" to 1' scale. When we last saw her, the model lacked fore brace bits, topsail sheet bits and riding bits, cat blocks attached to the cats, and anchors hung on cables. Plymouth, Massachusetts, built in 1780 the 89 foot on deck *Rattlesnake* was fast and weatherly carrying 85 men and twenty six-pounders. She captured over a million dollars worth of British goods on her first cruise, establishing a reputation as a formidable vessel. The British ordered her captured at all costs. It took the 44-gun HMS *Assurance* until 1783 to seize her and she was taken into the Royal Navy and sold out of service in 1786.



The Guild's San Salvador Team, Bob McPhail captain, is working hard on plans and preparations to build three models of the *San Salvador* to be given to the largest donors funding the full scale replica *San Salvador* for the Maritime Museum. Thanks to John Wickman and Don Bienvenue lists of materials have been drawn up, and needed plywood, planking, decking, and trim are being ordered. The team is studying plans and clearing work benches of other projects. John Wickman made this valuable sample plank-on-bulwark mock-up using a copy of the plans printed on

Avery label paper for forms. The sample using 1/8 inch ply cut on a scroll saw uncovered some fitting issues with the plans, helped figure out the configuration of the bulwarks and decks, stepping the masts, and alerted the builders to the small scale detail that will be required. Howard Griffus has started working on a method for making laminated frames for the plank-on-frame model, using a form cut to the shapes Bob McPhail drew out from the hull cross-section plans. The ships will be done by July 2008.



This four inch long gem is **Liborio Insinga's** first effort to build a model boat of any kind. He carefully carved the boat's ribs using a rotary tool. He will rig it with a sail, which he is still designing. Starting with a small scale is a good way to develop fine modeling habits, and to learn the extent to which this satisfying hobby or craft or art or obsession, whatever it is, can consume time and effort and, at times, sanity.



San Salvador

By Robert Hewitt

Scale 1"=20 feet, 1: 240 RayAcker's plans

The hull is completed. The sheets of pear and holly were coated with Floquil flat finish. After drying each type of wood was glued using Weld-bond white glue mixed with black water based wood dye. The wood was placed in the balsa wood former with the ebony wales stacked between the holly and pear. No glue was used on the ebony. After twenty-four hours of drying, the lower holly stack was cut through the centerline of the ship. A temporary piece of wood the thickness of the keel was inserted between the holly pieces.

The stacks were then doweled with 1/16" stainless steel dowels. The outside of the hull was shaped to the outside of the wales. The pieces were separated and the pear and holly were re-shaped so the wales protruded from the hull. The bulwarks were hollowed out at this time. A piece of basswood was hollowed out to the shape of the pear bulwark section and the vertical cuts for the gun ports were cut on the Priac saw. This allowed for perfect alignment of the gun ports from side to side. The castle railings were made from sheets of purple heart and ebony strips. The keel was added and ebony and pear make up the rudder. The model is mounted on a rigging block. The Roosevelt dime next to the hull indicates its size.

Making Ship Model Display Cases

By Peter E. Jaquith

The following techniques were utilized in the fabrication of a display case for my Armed Virginia Sloop, circa 1768. The case includes a mahogany base with formed frame rails, and a fabricated Plexiglass case. The display case is illustrated below:

Armed Virginia Sloop, Circa 1768



Materials used in fabricating the subject display case included the following:

- (a) 3/4" mahogany plywood for baseboard (obtained from a local cabinet shop – 3/8" or 1/2" plywood would be adequate)
- (b) 3/4" x 1 1/2" mahogany for base frame rails (local hardwood supplier)
- (c) 1/4" x 1 1/2" popular for corner reinforcement and glue blocks (Home Depot)
- (d) Dark Mahogany gel stain and Clear Satin gel varnish (Bartley Collection)
- (e) 1/4" wide peel and stick felt strip (Rockler Woodworking and Hardware)
- (f) 1/4" Plexiglass case (local Plexiglass fabricator)
- (g) Plaque (local trophy shop)
- (h) Pedestals (Bluejacket Ship Crafters)

Special tools utilized in fabricating the display case included the following:

- (a) Table saw
- (b) Router table
- (c) Miter saw

I chose mahogany with a dark mahogany finish as it fit my home décor and provided a good contrast with the model's tallow colored underbody. Alternative base materials might include walnut, cherry, maple, or oak with finish to suit your personal preference.

The 3/4" plywood baseboard was cut to size using a table saw (note that I cut the base board to 4 1/2" in length and 4 1/2" in width over the model dimensions). The 3/4" x 1 1/2" base frame rails were fabricated using a table saw (for the 1/4" x 1" recess) and a router table (for the 5/16" wide x 1/4" deep slot and the 1/4" wide x 3/8" deep cove) as illustrated in Figure 1. The frame rail ends were cut to length using a miter saw with the lengths taken from the baseboard. The corner reinforcement and glue blocks were fabricated from 1/4" x 1 1/2" popular. The fabricated base components are shown in Figures 2 and 3. Note that for those modelers without access to a table saw and router table, a local cabinet shop may be willing to perform the base fabrication.

After gluing up the base frame rails, I chose to stain and finish the base subassemblies at this point (prior to final assembly), see Figure 4. After staining, varnishing, and rubbing down the finish, the base was assembled as illustrated in Figures 5 and 6. Peel and stick felt tape was fitted to the bottom of the 5/16" x 1/4" slot in-order-to provide a dust tight seating for the Plexiglass case.

The Plexiglass case was purchased from a local Plexiglass fabricator with the size taken directly from the fabricated base. The model was mounted on brass pedestals, and the plaque was purchased at a local trophy shop. The plaque, corner details, and the completed case are illustrated in Figures 7 and 8.

Figure 1, Base Frame Rail Cross Section Figure 2, Baseboard & Frame Rails

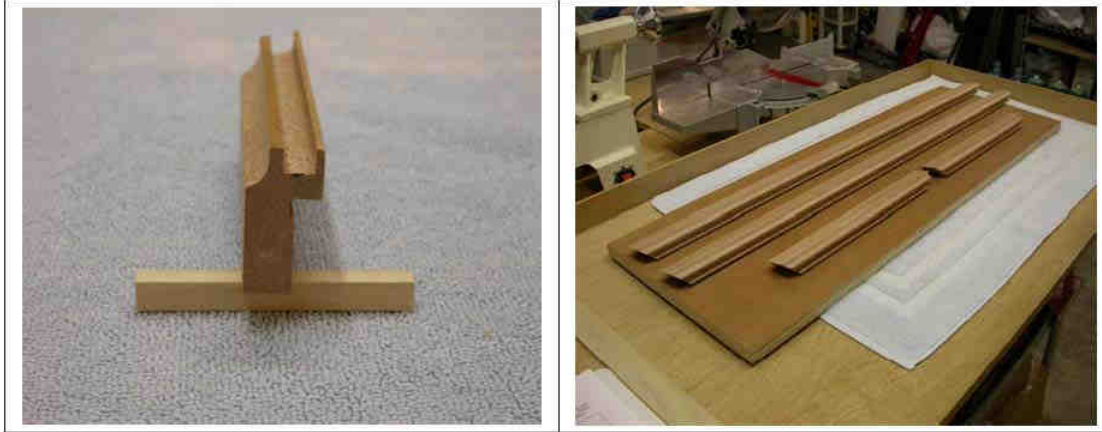


Figure 3, Corner Reinforcing & Glue Blocks Figure 4, Base Frame Subassembly



Figure 5, Base Assembly – Top View Figure 6, Base Assembly – Bottom View



Figure 7, Plaque & Corner Details Figure 8, Completed Display Case





HobbyMill Pricing

We specialize in wood milling for the hobbyist with large inventories of Boxwood, Holly, and Swiss Pear. We also stock many other popular woods. All woods are kiln dried. If you do not see a wood listed, contact us and we will be happy to provide a quote.

The sizes listed are for pricing. If you need metric or intermediate sizes, just let us know and we will gladly provide those sizes.

For modelers who have their own milling equipment and want to avoid the purchase of a large volume of wood, let us know and we can quote bulk wood.

Contact us at: HobbyMill@cinci.rr.com

Milled Strips:

All pieces are 24" long. For intermediate sizes, round up to the next size.

Boxwood, Holly, Bloodwood, and Swiss Pear are \$3.99 per package

Cherry, Walnut, Mahogany, Aspen, and Yellowheart are \$2.99 per package

Pieces per Package

	1/32	3/64	1/16	5/64	3/32	7/64	1/8	5/32	3/16	7/32	1/4	5/16	3/8	7/16	1/2
1/32	6	6	6	6	6	6	6	6	6	6	6	6	6	5	5
3/64		6	6	6	6	6	6	6	6	6	6	6	5	4	4
1/16			6	6	6	6	6	6	6	6	5	5	5	4	4
5/64				6	6	6	6	6	5	5	5	4	3	3	3
3/32					6	6	6	6	5	5	5	4	3	3	3
1/8							6	6	5	5	4	4	3	3	3
5/32								5	5	5	4	4	3	3	3
3/16									5	5	4	4	3	3	3
7/32										4	4	4	3	3	2
1/4											4	4	3	3	2
5/16												3	3	2	2
3/8													2	2	1
7/16														1	1
1/2															1

Prices are subject to change without notice 8/20/06



HobbyMill Pricing

Milled Sheets: All sheets are sanded to an intermediate finish, avoiding the need to invest in a thickness sander. Thickness tolerances are $\pm .003''$.

All sheets are 24'' long. Prices are per sheet. Holly may be supplied in lengths ranging 20''-24''. Also 3'' wide sheets of holly may be supplied at 2.75'' wide instead of 3''. These limitations are due to the difficulty of finding Holly with adequate clear wood. We will try our best whenever possible to provide it in full sizes.

Boxwood, Holly, and Swiss Pear

Thickness*	2'' Wide	3'' Wide
1/32	\$4.50	\$6.00
1/16	\$4.50	\$6.00
3/32	\$4.50	\$6.00
1/8	\$5.00	\$7.00
3/16	\$5.25	\$8.00
1/4	\$5.75	\$10.00
5/16	\$6.00	\$12.00
3/8	\$7.00	\$14.00

*For intermediate thickness, round up to next size

Sheets are 3'' Wide x 24'' long. Prices are per sheet

Thickness*	Cherry	Mahogany	Aspen	Walnut
1/32	\$3.00	\$3.00	\$3.25	\$3.50
1/16	\$3.25	\$3.25	\$3.50	\$3.75
3/32	\$3.50	\$3.50	\$3.75	\$4.00
1/8	\$3.75	\$3.75	\$4.00	\$4.25
3/16	\$4.50	\$4.50	\$4.75	\$5.00
1/4	\$5.50	\$5.50	\$5.75	\$6.00
5/16	\$6.00	\$6.00	\$6.25	\$6.50
3/8	\$6.50	\$6.50	\$6.50	\$7.00

*For intermediate thickness, round up to next size



Rattlesnake Wood Packages: These are milled packages of wood that correspond to Bob Hunt's Lauck Street Shipyard, LLC practicum for the Privateer Rattlesnake. Each package consists of nearly 60 different sizes of milled wood and essentially replaces all of the wood in the kit except for the bulkheads. For detailed package list see Mr. Hunt's practicum or contact us and we will forward a list.

Cherry, Boxwood, and Walnut	\$150.00
Swiss Pear instead of Cherry, Boxwood, and Walnut	\$175.00

Fair American Kit: Supplemental or replacement planking for this unique plank on frame kit produced by Bob Hunt Lauck Street Shipyard, LLC. To our knowledge this kit is the only plank on frame kit produced in North America that utilizes CNC milling and allows a beginner or intermediate builder the opportunity to build a museum quality model.

Additional Deck Planking in Aspen (12 pcs should be plenty to expand deck area) \$3.00

Bulwarks Planking (Replaces pine planking supplied with kit; 12pcs)

Cherry:	\$4.00
Boxwood:	\$6.00
Swiss Pear:	\$8.00

Upper Hull Planking (Replaces pine planking supplied with kit; 18pcs)

Cherry:	\$6.00
Boxwood:	\$9.00
Swiss Pear:	\$12.00

Lower Hull Planking (3/32 x 1/8 x 24; pkg of 6 pcs) Requirements vary depending on how much of the lower hull will be planked.

Cherry:	\$2.00
Boxwood:	\$3.00
Swiss Pear:	\$4.00



HobbyMill Pricing

Ordering: Send us an e-mail at HobbyMill@cinci.rr.com with details on what you would like to order. Please use the form on the next page as a guide for ordering. The form can be pasted into an e-mail to make it easy. Probably turning off the insert key will make it look better. So that we can better serve you, please indicate with your order when you require delivery. We will confirm your order with an e-mail and provide pricing and estimated delivery. Unfortunately our orders are limited to US.

Shipping: Our standard method is via UPS. Let us know if you require expedited delivery and we will try our best to provide you satisfactory service. All pricing is FOB Cincinnati, Ohio with shipping and handling added.

Delivery: Generally all wood is in stock and can be processed within a few business days. We will advise you at time of ordering if there will be any delay in processing your order.

Payment: At this time we are only accepting checks in US dollars. We will include an invoice in your shipment. Payment is due upon receipt of product. For larger orders we may require a deposit prior to shipment.

Guarantee: If you are not completely satisfied with our product, please notify us via e-mail and we will replace the material. Because payment is not due until you have received and inspected the material, your risk is minimized. Unfortunately, we cannot accept returns after 30 days and our liability is limited to replacement of material supplied.

San Diego Ship Modelers' Guild

1492 N. Harbor Drive

San Diego, CA 92101



San Diego Ship Modelers Guild Officers

Guild Master	Robert Hewitt	<redacted>
First Mate	Bill Grolz	
Purser	Ron Hollod	<redacted>
Editor	Bob Crawford	<redacted>
LogKeeper	Bob McPhail	<redacted>

Next Meeting Wednesday June 13, on the Ferryboat *Berkeley* 7 pm

