



**THE BROADAXE**  
NEWSLETTER  
of  
THE SHIP MODEL SOCIETY OF NEW JERSEY  
*Founded in 1981*



Volume 32, Number 1

January, 2014

**MINUTES OF THE REGULAR MEETING  
January 28, 2013**

It was a really cold January night but 23 members and one guest (**Ken Whitehead** from Brooklyn NY) made it to the library to enjoy a meeting highlighted by a good sampling of member models and discussion. The meeting was called to order by club president **Tom Ruggiero** at 7:05. The library is insisting that we leave the premises at 8:45 so in order to get as much meeting time as possible we are attempting to start five or 10 minutes before seven. This means that the executive committee meeting will be scheduled a little earlier and we hope that all the members will try to arrive earlier also. Every attempt is being made to shorten the business part of the meeting and concentrate on “show and tell”, “tool talk”, “tech session”, and “refreshment break”.

We are encouraging members and guests to attend our meetings. If you are at all interested in model shipbuilding you will receive a **warm welcome**. Members range in experience from those making their first effort to old salts [who are more than happy to share their expertise if asked]. Ship modeling is not a competitive event; it is an exercise in creative problem solving. Few people who have not put their hand to this or something similar can appreciate the skill needed and the beauty of the results.

**Come join a group where your efforts will be understood and appreciated.**

**Treasurer's Report**

**Ken Schuetz**, our treasurer is still collecting and disbursing funds from our December auction and as a result the exact balance in the treasury is undetermined. However, we remain solvent and our income continues to exceed our expenses. This time of year is always difficult for Ken because it takes a while for the payments and disbursements relating to the auction to be finalized and this year in particular is difficult because of

the complexities incurred in dealing with Bob Brehm's estate.



**OLD BUSINESS**

At the moment, although there are several opportunities in the offing, we have no scheduled model exhibitions. The museum down in Avalon New Jersey would like an exhibit of ships with a Delaware River flavor.

We are looking forward to our annual luncheon at Bahrs restaurant, which is becoming a club tradition. **Tom McGowan** was there recently and noticed that the restaurant is selling souvenir glasses with **Henry Schaefer's** name on them. Henry Schaefer of course, donated many ship models to the restaurant where they remain on exhibit.

The glasses are proving to be very popular and we hope the manager will have enough in stock for us to purchase some when we have our



luncheon. The tentative date is April 12 and **Mason Logie** will be in touch with Bahrs to confirm it.

<http://bahrslanding.com/>

**Jim Lavelle** is still looking into the possibility of arranging for an Admiralty workshop to be given in the central New Jersey area. Holding it in this area would lower the total cost of the workshop because we wouldn't have to arrange for hotel rooms, transportation and three meals a day. Eight members of our club have attended various Admiralty workshops and if those members and a few more signed up for this one that would be sufficient to justify the effort for David Antsherl. One of the advantages of arranging for this workshop would be that we could specify a range of subjects to be taught by David. Please email Jim (cc Tom) if you want to attend and indicate in what subjects

you might be interested. We need 10 members to sign up for the workshop and commit to a \$100 deposit. It might be possible to arrange the workshop so that it goes all day Saturday and a longer period on Sunday instead of starting midday Friday and extending to midday Sunday. Jim hopes that the balance between demonstration and individual work will be tipped a little more in the direction of demonstration.

<http://www.admiraltymodels.com/Workshops.html>



### NEW BUSINESS

At recent meetings we have had a wide variety of show and tell items, many of them works in progress rather than finished projects. Some of our members are still working on their first or second model while others have lost count of their show and tell presentations. **We are all highly appreciative of members who take the time and effort to bring their models in and share their successes and frustrations. We are also hoping for a revived focus on tech sessions.** They do not have to be individual efforts but can be a collaborative effort between several members who might be approaching some aspect of modeling in different ways. It would be wonderful if over the span of two or three years every member had participated in a tech session.

#### **Bob Brehm's** Tools Estate

At some undetermined, but near, time there will be a sale/auction of those items from **Bob Brehm's** basement that would be of interest to ship modelers. 10% of the proceeds will go to the club and the rest to Lyle, Bob's widow. **Tom McGowan** and **Michael Storch** have been working to categorize, list and value the enormous quantity of tools. The current plan is that somewhere between 20 and 30 of the most useful and valuable tools will be offered to the membership with the valuation to be determined as a combination of retail value and adjustment for condition, i.e. never used, slightly used or used. The items will be put up for sale at that price but if the price is not met then the highest offer will be accepted. After those items are sold we are hoping that it will be possible for club members to visit Bob's basement and purchase the remaining items at a price to be negotiated with members of our club who will represent Bob's estate. Tools not disposed of in those first two offerings may be sold at a garage sale to be held sometime in the spring.

The Joint Clubs Conference is coming up at the end of April. Don't forget to send in your fees as soon as possible because the price increases as the date approaches. You will find the registration form under "What's New" on our club site or on **page 17 of this month's Broadaxe.**

<http://www.ctshipmodels.org/>

<http://www.ctshipmodels.org/images/special%20events/NEC14FLYER.pdf>



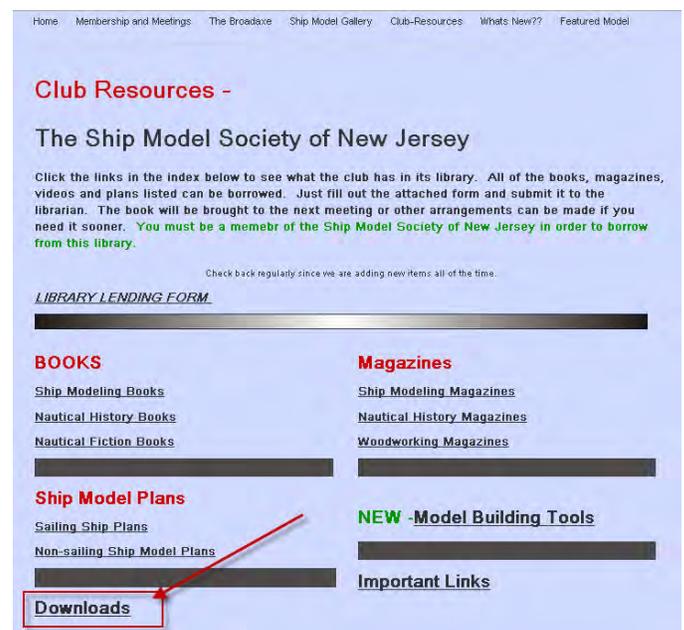
### BOOKS AND PUBLICATIONS

You can now fill out and print your *Show and Tell*, *Books and Publications* and *Tool Talk* forms on your computer before you come to the meetings. The forms can be found on the website under the heading "Club-Resources"



<http://www.shipmodelsocietyofnewjersey.org/downloads.php>

On the "Resources" page you will see "Downloads" at the lower left.



<http://www.shipmodelsocietyofnewjersey.org/club-resources.php>

## Downloads Page



<http://www.shipmodelsocietyofnewjersey.org/downloads.php>

Keep clicking and you will be able to add your information directly onto the form and then print it.

This is intended to help you fill out the forms more completely and to give you more time to interact rather than scribble out your notes as fast as you can at the meeting. (At the last meeting, one show and tell participant did not hand in a form. Details such as who made the barge kit, what materials were used, the history of the prototype, etc. are missing. If not for photographs and audio recording, there would be no record that the presentation had ever been made. Hopefully, the ability to complete the form at leisure beforehand will prevent the need for last minute scribbling.)



### WEBSITE & LENDING LIBRARY

**Website:** <http://www.shipmodelsocietyofnewjersey.org/>

Missed one of the past issues of the Broadaxe or need to look up a previous article... Did you know that back issues of the Broadaxe dating from 2002 to the present are available online at the club's website?

<http://www.shipmodelsocietyofnewjersey.org/broadaxe-online.php>

Model Ship World Links to other club's newsletters  
<http://www.shipmodelsocietyofnewjersey.org/important-links.php>

Resources Available on the club's website:

**Club Library - The Ship Model Society of New Jersey**

<http://www.shipmodelsocietyofnewjersey.org/important-links.php>

**Lending Library:**

<http://www.shipmodelsocietyofnewjersey.org/club-library.php>

**ModelShipWorld.com:**

<http://modelshipworld.com/>



### TECH SESSION

Everyone [regardless of your modeling level or expertise ] has at least one thing that they can share with the collective group. We all gain from the sharing of information.

Tech session for the next meeting will be given by Chuck on Air Brush/Spray Painting Equipment and Techniques



### AARDVARK WORKSHOP

We want to thank **Tony** and **Sally Alworth** for the continuing use of the Aardvark quilt shop (748 Speedwell Ave. Morris Plains, next to the Plaza Restaurant).



The January 18<sup>th</sup> meeting was attended by **Ken Pomplun**, **Richard Larue**, **Tom Ruggiero**, **Roy Goroski**, **Bob Markowitz**, **Jim Lavelle** and of course **Tony Alworth**. Club members who have not attended an Aardvark meeting are missing a very enjoyable experience. It's a combination of working on your model, learning about new techniques, helping others deal with difficulties and good old-fashioned water cooler gab.



This is what an independent, uncompensated consumer has to say; *"I think our last session was pretty representative of what we do. Sally & Tony's hospitality is something that I think most clubs can only dream about. We're lucky to have such a large and well laid out room for our use every month. It is a work session but also very much a social session as well, with each guy free to spend as much time on each aspect as he wishes. I know for a fact that most months I get more done in 3 or 4 hours at the quilt shop than I do all the rest of the month at home in my shop. I think if more guys realized how much fun we have while also making progress on our latest projects; we'd have to start to charge admission."* (Thank you **Jim Lavelle**).



The next Aardvark meeting will be Feb. 15 and all future meetings are scheduled for the third Saturday of the month.



### THE PINNANCE GROUP

The next pinnace meeting will be held February 22 at Tom Ruggiero's house.

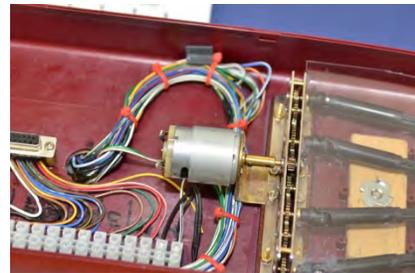


### SHOW AND TELL



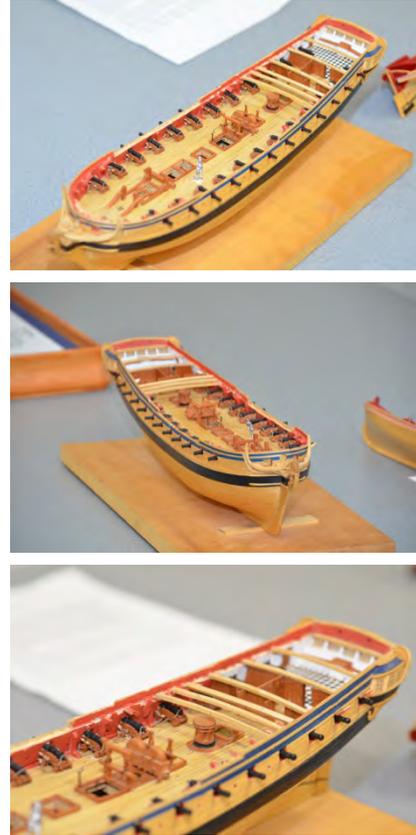
The *USS Arizona* was the second ship in the Pennsylvania class of battleships. Launched in June 1915, she was 608 feet long, 97 feet in width, had a

tonnage of 37,654, an armor belt 13 1/2 inches thick, and carried twelve 14-inch guns in triple gun turrets. *Arizona* was an oil burning ship and because the United Kingdom had an oil shortage during the First World War and could only supply fuel for coal-fired burners, *Arizona* never went across the Atlantic to participate in the war. The *Arizona* was sunk at Pearl Harbor and was turned into a memorial after the war. Ozzie Thalmann is working on a 1:200 scale trumpeter kit. He has mechanized this ship so that the rudder, props, turrets, guns, rangefinder, crane, catapult and lights will be working. Ozzie has found a good source of electrical connectors at his local computer store which is much cheaper than buying them at a hobby outlet. Ozzie has not been able to paint the upper works of the ship because it is too cold outside and his wife won't let him spray paint inside.





**Tom Ruggiero** continues to work on his model of *HM Liverpool*, a sixth rate British frigate built in 1757. She participated in the evacuation of the royal governor from Williamsburg and was present in the harbors of Philadelphia and New York. She sank in a storm off Long Island in 1778. Since the last show and tell Tom has finalized the location of the pumps and gentries. Next on the to-do list are the elm tree pumps, then the forecastle and the quarterdeck. Tom will leave a skylight on the quarterdeck so that the great cabin can be seen. Tom thinned the bulwarks by putting an end mill in a Dremel tool and running it down the side of the model very carefully. (Do not try this if you have chest pains or a history of “how did that happen” moments. Seek immediate medical treatment for bulwarks over 4 mm thick)



Tom also brought in his model of the group build pinnace. He has completed the painting using crimson acrylic, the step into the stern sheets, the ironwork and rudder. Next up will be the tiller, the stern carving and hanging the rudder permanently. Finally he will build oars.



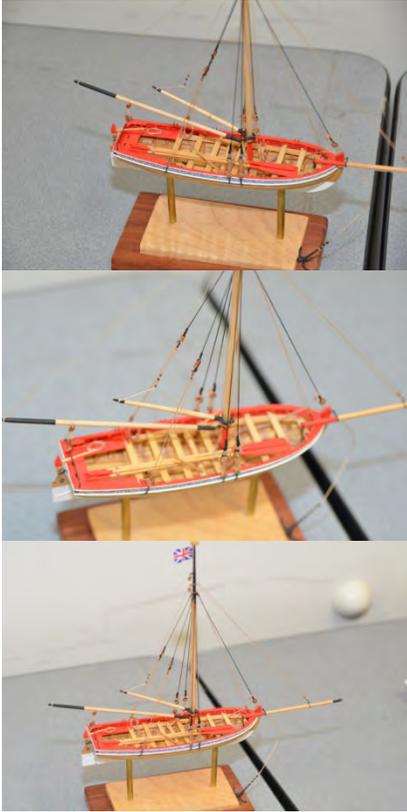


**Bob Fivehouse** brought in his model of the *Republic*, a British ship built in 1903. It is built to the scale of 1/384, which translates to 1 inch equals 32 feet. The ship was built for the Dominion Line in 1903. She made three trips and was then transferred to the White Star Line. In 1909 she was run into by an Italian ship but stayed afloat until the next day. This was the first instance of a ship calling for help by radio. Nearby ships responded to the call for aid and passengers were ferried, using the ships lifeboats, to other ships. It is possible that this encouraged the builders of the *Titanic* to reduce the number of lifeboats, thinking that their lifeboats would only be needed to ferry passengers to nearby ships called by radio. Bob uses various materials including wood, paper and metal to build his waterline models. Bob is facing the same problem as Ozzie; being unable to airbrush because of the cold weather. He has reproduced the steel plating and molding on the hull. The hawse

pipes are in place. The anchors are made but not installed. He is working on the winches.



**Jason Clark** brought in his model of the 18th century longboat in kit form designed by **Chuck Passaro** and sold by Model Expo. This is Jason's first model as an adult. Jason moved to southern New Jersey from Pittsburgh where he had a garage and workshop. Living in the limited space of a condo has made it difficult for Jason because his tools are still in storage. As the pictures will demonstrate Jason has done a very good job on his first attempt.



*HMS Inflexible*, a 180-ton ship rigged sloop, was built in 1775 in Québec, then taken completely apart, transported overland to the northern end of Lake Champlain and reassembled. She was intended to help General Clinton on his march from Québec to New York in an effort to split the northern colonies from the southern colonies and thus end the revolution. Benedict Arnold created a small opposing fleet and while losing the battle won the war by forcing a delay. Clinton retreated to Quebec for the winter and was replaced by General Burgoyne in 1776. After the British defeat at Saratoga *Inflexible* was burned so the revolutionaries could not use her. **Larry**



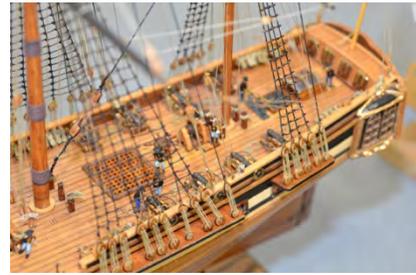
**Friedlander's** 1-to-300-scale paper, wire, brass rod, wood and thread model was downloaded from [www.warartisan.com](http://www.warartisan.com).

Larry modified the kit by turning scale cannon in a Dremel tool out of toothpicks, building wooden gun carriages and adding quarter inch high figures to populate the deck. The water was modeled using Woodland Scenics acrylic clear and blue water over a carved and painted base. (Thanks to **Dan Caramagno** for the inspiration.)





**Hans Gottschalk** started working on his model of *HMS Unicorn* in December 2012. This is a Corel kit, built to 1/75 scale. *The Unicorn* was built in 1794. She was a 32 gun fifth rate Pallas class frigate. She was launched at Chatham, England and served in both the French Revolutionary wars and the Napoleonic wars. She was broken up in 1815, being beyond repair. Hans' model has six coats of lacquer creating a very fine finish. He worked on the masts at a workstation off the ship and then fastened them in the hull with some advisory help from Chuck Passaro. Two areas of particular difficulty were the headrails, cheeks and brackets of the stem.





“A railroad car float or rail barge is an unpowered barge with rail tracks mounted on its deck. It is used to move railroad cars across water obstacles, or to locations they could not otherwise go, and is towed by a tugboat or pushed by a towboat. New York Harbor was especially rife with carfloat operations, which lost ground to the post-World War II expansion of trucking, but held out until the rise of containerization in the 1970s. At their peak, the railroads had 3,400 employees operating small fleets totaling 323 car floats, plus 1,094 other barges, towed by 150 tugboats between New Jersey and New York City” (Wikipedia) **Mason Logie** brought in his model of a railroad barge. He painted the surface a combination of barge color and rust. While airbrushing it, unfortunately, the barge broke into two pieces. After repairing it, Mason will install HO scale rails. Mason will fit a “frog” (The part of a railroad switch where the rails intersect) that he will fabricate from rail or take from a model switch. Mason has found a kit replicating the apron, where the barge touches shore, and hopes to add that to his model to show how railcars are loaded.



**Tony Alworth** built Model Shipways version of the tugboat *Taurus* in HO scale.



Tony cut down the pre-fabricated bulwarks on the solid hull and built new ones incorporating timberheads and scuppers using strip wood. The deck is also planked with strip wood. The cabin top and the pilothouse top are made of fine linen cloth, which is then painted, and the canvas on the lifeboat is stained paper towel. Tony would like a tech session dealing with modeling water so that he can make a base showing his tugboat afloat.

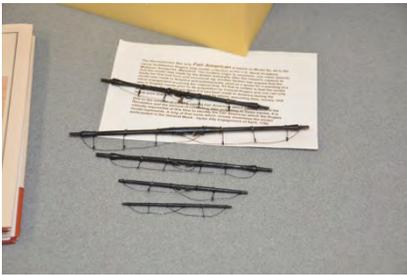


Model Expos kit of the *Fair American* is **Chuck Bergman's** second model of a fully rigged ship. Finding the rigging plan insufficient,



Chuck has turned to Lennart Peterson's volume on ship rigging. . Chuck Passaro suggested using Lee's book on masting and rigging. One of the problems with the kit is the insufficiency of blocks and line, which Chuck is replacing by purchasing from **Syren Ship Model Company**. Chuck was having difficulties replicating the footropes hanging from the yards, which was solved when he read one of Chuck Passaro's articles on using wire to simulate the rope. He hopes to be finished in the next month or two.

<http://www.syrenshipmodelcompany.com/>



**Don Otis** and his wife went to Hillsdale to visit her cousin's new restaurant "Osso Buco".



Don built a model of a Mediterranean felucca (a fishing boat) from an Occre kit. He added an Italian flag and painted the name Osso Buco on it as a decorative opening gift. The kit was very nice to work with and Don spent about six weeks building it. Don used some dark walnut left over from another kit for planking the hull instead of the kit-supplied materials. He used a mixture of water and white glue to stiffen the sails and allow them to keep the proper curve.

<http://www.occreusa.com/>





**Chuck Passaro** brought in his model of the *Winchelsea* showing the stern framing and transom construction and the simplified use of basswood fillers. Unfortunately, there was no time for an extended discussion.



### TOOL TIME



**Jim Lavelle** brought in a kind of divider called a hermaphrodite caliper. It has also been referred to as an "odd leg caliper" or a "Jenny leg caliper". This is the only tool to use if you need to describe or trace a line based on an edge. The ball-shaped "foot" is used to follow the edge while the hardened steel point is used to scribe the line. The foot, bent in, is what makes this different from a regular caliper or compass. As long as you keep the caliper vertical when you are describing the line, you will always place the point at the same distance from the edge and will get a true measurement. You can replace the steel point with a pencil lead and draw a line. The caliper can be used to reproduce a molding or wavy line. Using the steel point you can incise a line using multiple passes of the caliper. <http://www.starrett.com/metrology/SearchResults?indexCatalogue=AllContent-globaltheme&wordsMode=0&searchQuery=hermaphrodite>





**CANDID SHOTS**



The meeting was adjourned at 9:15

The next club meeting is February 25 at 7 o'clock.

The **'BROADAXE'** is published monthly by The Ship Model Society of Northern New Jersey, a nonprofit organization dedicated to teaching and promoting ship modeling and maritime history. Membership dues are \$25.00 for the first year and \$20.00 per year thereafter

Visit our Web Site at:

<http://www.shipmodelsocietyofnewjersey.org> where a Web version of the **BROADAXE** can be found. The **BROADAXE** is distributed by both US mail and e-mail in PDF format.

Regular meetings are held on the fourth Tuesday of every month at 7:30 P.M., at the Millburn Free Public Library, 200 Glen Avenue, Millburn, New Jersey. Guests are always welcome.

Contributions to the **BROADAXE** are always welcome, and SMSNNJ members are encouraged to participate. Articles, shop hints and news items may be submitted directly to The Editor as typed manuscript or electronic files, either on discs or by e-mail. Handwritten notes or other materials will be considered depending on the amount of editing and preparation involved.

The **Broadaxe** is written by Larry Friedlander, edited by Michael Storch, and distributed by Chuck Passaro and Ollie Ericksen.

Your ideas and suggestions are always welcome in the Broadaxe. Please submit them to Larry Friedlander.

If any member would like an email copy of the roster please drop a note to Larry Friedlander at the email address listed at the end of the Broadaxe. If there is an error on the roster let Larry know and the roster will be amended. Please make sure that your spam filter is not blocking emails from Chuck Passaro because if it is, you won't get the Broadaxe and member bulletins. You can eliminate the filtering by adding Chuck Passaro's email address to your contact list. Please keep the secretary informed of any changes so that the roster can be kept current. If you would like a printed copy of the roster please send a SASE to the secretary (address at the end of the Broadaxe) and one will be mailed to you. Rosters are also available at the monthly meetings.

Please keep your contact information up to date. Your email address is particularly important because that is the main avenue of communication for club announcements. In case of emergencies such as last-minute cancellations due to weather, emails will be sent to the members.

**Direct All Correspondence To:**

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Volume 32 Number 1

January 2014

**Newsletter Editor**  
**Michael Storch**  
**115 Virginia Ave.**  
**Clifton, NJ 07012**

**NEXT MEETING:**

**February 25, 2013**

**MILLBURN PUBLIC LIBRARY**

**The Tech Session** for the February meeting will be on Air Brushes/Spray Painting Equipment & Techniques

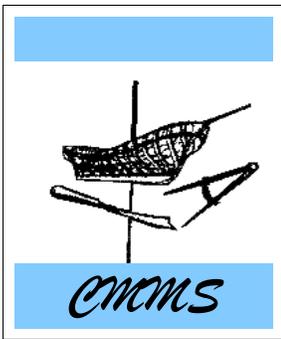
Chuck [our resident expert] will talk about:

- Single action vs. double action air brushes....
- What brands are available...
- What paints can be used...
- How to spray and thin the paint...
- Mixing colors...
- What are the different compressor types...

Essentially.... the whole Air Brush/Spray Paint gambit!

**So if you've ever been curious about painting techniques & equipment; wondered how they do that..... Here's your opportunity to find out.**

**Please note that the Executive Committee** we will start the business meeting at 6:45 "so that we can get to the fun stuff more quickly."



*Hosted by the*  
**Connecticut Marine Model Society**



Port N Starboard  
 Convention Center  
 Ocean Beach Park,  
 New London, CT 06320  
 9:00 AM to 4:00 PM  
**SATURDAY**  
**APRIL 26, 2014**

**Registration Fee**  
 \$35.00 PP if rec'd by Feb 1, 2014  
 \$37.50 PP if rec'd by March 1, 2014  
 \$40.00 PP if rec'd after March 1, 2014  
 Checks payable to:  
**CMMS**

**REGISTRATION FORM (PLEASE PRINT)**

Name: \_\_\_\_\_ Club Affiliation: \_\_\_\_\_  
 Address: \_\_\_\_\_ City: \_\_\_\_\_ State:&Zip \_\_\_\_\_  
 e-mail address: \_\_\_\_\_ Guest: \_\_\_\_\_

Please Reserve \_\_\_ seat(s) My check ,in the amount of \$ \_\_\_\_\_, is herewith enclosed.

Entry #1 Please make every effort to estimate actual space requirements. Thank you!

Model Name: \_\_\_\_\_ Scale \_\_\_\_\_  
 Sail \_\_\_\_\_ Power \_\_\_\_\_ Other \_\_\_\_\_ Display Length \_\_\_\_\_ Width \_\_\_\_\_  
 Include Model in the Jim Roberts Award Competition Y( ) N ( )  
 Include Model in the People's Choice Competition Y ( ) N ( )

Entry #2 (Use the backside of this registration form if you have more models to enter!)

**Note: CMMS will make a Display Placard for your model(s) identifying your model(s), your Name, and Club Affiliation along with Competition number assignments.**

Model Name: \_\_\_\_\_ Scale \_\_\_\_\_  
 Sail \_\_\_\_\_ Power \_\_\_\_\_ Other \_\_\_\_\_ Display Length \_\_\_\_\_ Width \_\_\_\_\_  
 Include Model the in Jim Roberts Award Competition Y( ) N ( )  
 Include Model in the People's Choice Competition Y ( ) N ( )

Please return this completed form with payment to:  
 CMMS, c/o Pete Carlin, Treasurer  
 525 Prayer Spring Road  
 Stratford, CT 06614-1312  
 Please: no later than April 1, 2014!

**CMMS Official Use**

Date Rec'd \_\_\_\_\_  
 Check No. \_\_\_\_\_  
 Date Deposited \_\_\_\_\_  
 No. of Models \_\_\_\_\_