



The Bilge Pump

The Official Log of the Northwest R/C Ship Modelers
www.shipmodelers.com

March 2022

Look Ahead Events

APRIL

7	Meeting by Zoom	7 pm
9	Fun Float & Hobby Expo	9 to 6
10	Hobby Expo & Fun Float	9 to 3
16	Fun Float at Bellevue	9 am

MAY

5	Meeting by Zoom	7 pm
7	Fun Float at Bellevue	9 am
21	Night Float at Bellevue	7 pm

JUNE

2	Meeting by Zoom	7 pm
4	NWRCSM Model Boat Regatta	

JULY

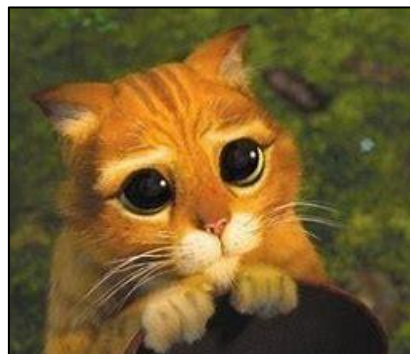
7	Meeting by Zoom	7 pm
9	Fun Float at Bellevue	9 am

More events information and updates on calendar page later in newsletter and, **Check our website for latest updates at www.shipmodelers.com**



Read more about members' projects.

2021 DUES ARE DUE IN JANUARY



Annual dues are \$30. If you have not paid yet, please forward your dues **Check** payment to

Bryan Morse
703 N 105th St., Apt 7,
Seattle WA, 98133

Make checks payable to: NW R/C Ship Modelers

From the Bridge

Robert Osmond

Next month our club big event will be displaying and floating our boats at the 42nd Northwest Model Hobby Expo.

Kevin's float pond will be there too. To make this happen the club is purchasing the pond tarps, for \$400.00, and will let Kevin take care of them for the next year. Otherwise there would not be a pond. The owner of Hobby Expo could not afford the expense of a pond this year because of low attendance last year. We are hoping that this new event time in April, which will be the time of year for



Hobby Expo from here forward, will be better for us all. The weather will be better for sure.

HOBBY EXPO – Let's be there

I hope all of you will be able to attend hobby expo April 9th and 10th. We will need a couple of people to help set up the pond on Friday and to take it down at the closing on Sunday. There will be tables around the pond to display your boats and to run while sitting behind the tables like we had in past years. *They also have model judging, into which you can enter your boat, there are prizes for the winners and usually runner ups.*

Booth manning, we will need people to come help man the booth. We will have one booth space this year, not two like past Expo.

Come on out, we need to have a good showing to make this work for us and for Hobby Expo.



North West MODEL HOBBY

EXPO!

April 9 - 10, 2022

Saturday: 9 am - 6 pm Sunday: 9 am - 3 pm

Evergreen State Fairgrounds - Monroe, WA

All Indoors ~ All Weekend

Robot Combat ~ Carpet RC Car Races ~ Vendors ~ Food ~ Boat Pond
Indoor Fun Fly ~ Swap Meet ~ Static Display ~ Drifters ~ Crawlers & MORE!

Daily Admission	2-Day Weekend Pass
Saturday: \$10.00	\$15.00
Sunday: \$10.00	Military ID - Any Day
Kids under 10 FREE with Adult	\$5.00

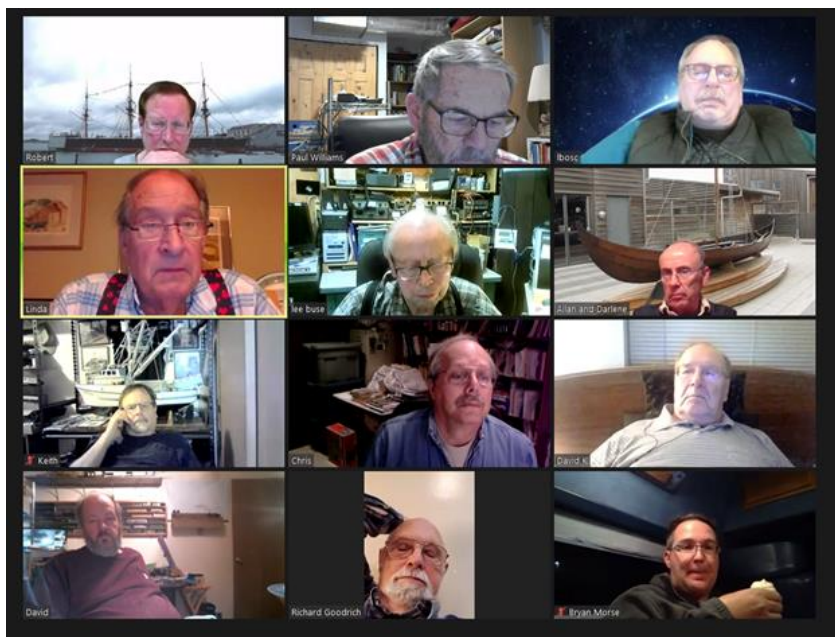
<https://www.NWMHE.com>



Meeting Minutes – March 3

By Robert Osmond with additions by Chris Merrill, and Allan Wing.
Photos by Allan Wing, Robert Osmond, and Paul Williams.

At the zoom meeting there were 13 members present. We discussed the idea put forward last December, that since we were not able to have the December Dinner meeting, we might think about having a summer dinner get together. It is too soon to decide but, we will keep this in mind, after it is safe to gather for a meal, or wait for December, we will have to see. It was mentioned that we could have a lunch at Luther Burbank Park, Marymoor Park of Mount Lake Terrace Senior Center, as an alternative get together.



Show and Tell:

David Zanzig showed his 44' Coast Guard boat the he is rebuilding, and his new RC row boat. He also showed a handy small belt sander with a long finger that can get into narrow places to sand. It is made by Proxxon and is available from Micro Mark.



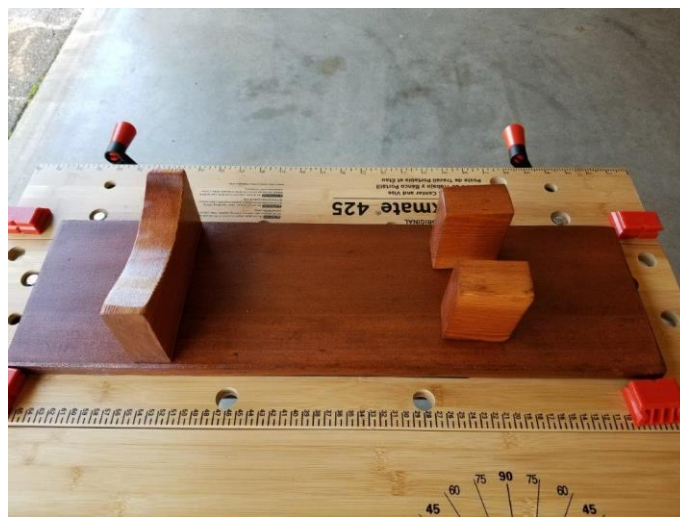
Chris Merrill provided additional material about his show and tell about his Wooden Hull Project with pictures of his progress so far.

This 34 inch solid wooden hull was hand carved out of a redwood log by my father when he was about 14 (1936).

In 1964 I found it in the cellar of my grandfather's house in NJ and took it home to MA. It moved with me to WA in 1980, but it sat in my garage until 2018. It became a real project when I started talking to Dave Green about it and attended a ship modeler's meeting where I found lots of encouragement and suggestions.

My plan is to make it into a R/C runabout after looking through some of Robert Osmund's considerable library of Chris Craft boats.

First 3 pictures showed the hull in original condition with inside and outside burnt black and some blue fiberglass epoxy. I had to use many, many sanding disks to get the exterior hull to bare wood. Then I applied 6 coats of spar urethane and built a boat stand for it.

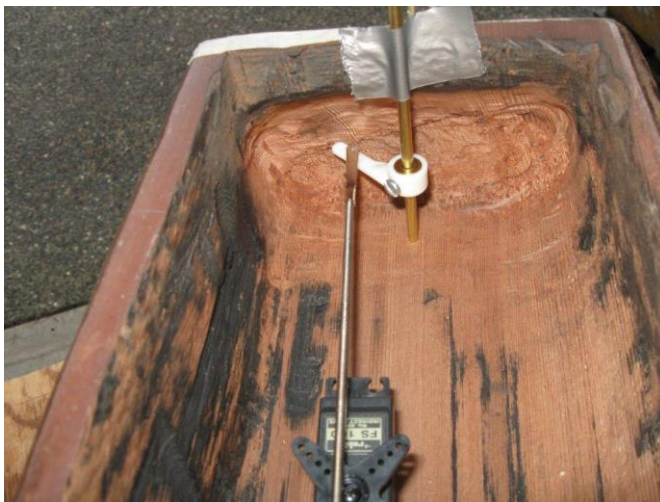


On a visit to Robert's workshop, we lined up and drilled the hole for the stuffing tube drive shaft.



It appeared there was not enough clearance in the stern for the rudder steering arm, so I used a router bit and rasping bit to make room. I used a 2 in hand rasping sander to remove as much of the black material before I had to stop working due to injuries from a serious bike crash a month ago.

Last 3 pictures were a layout of the steering gear. I asked the meeting attendees about how many degrees were recommended for the servo arm for a single screw setup. 40 to 45 degrees should be enough to help determine the location to drill the rudder shaft, plus I will have the option to limit travel via the servo electronically if needed.



That's my story so far! Next steps are to select all the electronics and motor which will likely start out as brushed. -- Chris Merrill

Allan Wing provided additional material on the three topics he presented.

1) *New Pictures and video have been added to the NWRCSM's website. The video and many of the pictures were taken using a small drone camera mounted in place of the cabin of one of my boats. The camera provides 8 MP pictures and full HD video using a gimbal camera. This provides cleared pictures and very smooth video. The video is linked to the picture page of the website. The video runs for about 5 minutes and shows several of the boats at the February Fun Float from a water level perspective. I also invite viewers to look at several other videos linked on the video page of the website.*

2) *During the February Fun Float I was using a dual motor box boat to carry the Drone camera. I had not run this boat for some time and I noticed that the starboard motor was running much slower than the port motor. I decided to replace the 2 brushed motors with 2 Brushless motors I have.*



The motors are similar size. The Brushless motors are 40 size AXi 4120/14 out runners. The Motors are rated at 650 KV which should give a maximum RPM of just over 4,000 with a 2S Lipo battery. This seems about right for the 2 inch propellers on the boat.



The new motors could mount using the original motor mounts so the conversion was fairly easy. The real test will be in this March Fun Float.

3) *The final topic is pictures of Viking era boats at Roskilde Denmark. This is a small town about 40 miles West of Copenhagen. The town is located on a small bay. Some years ago they were exploring the channels cut in the bottom of the bay by the stream that enters the bay in the town. They found five Viking era boats that had been sunk in one of the channels to restrict larger vessels from approaching the town. They were surprised that 3 of the boats had no provisions for oars. When they*



investigated further they discovered that the Vikings had many boats that had no oars and were used for trade, many were 20 or so feet in length. Their conclusion was that the Vikings had many boats that were used only for trade.

Allan Wing

Lee Buse showed his deck hatch for his Lord Nelson Tug he is building. **Bryan Morse** called in from his camper van near Zion National Park in southern Utah.

I showed photos of my trip to Portsmouth Naval Museum in 2019 in Portsmouth England. There was the HMS Warrior is a 40-gun steam-powered armored frigate built for the Royal Navy in 1859–1861.



She was the name ship of the Warrior-class ironclads. Warrior and her sister ship HMS Black Prince were the first armor-plated, iron-hulled warships, and were built in response to France's launching in 1859 of the first ocean-going ironclad warship, the wooden-hulled Gloire. The photo of the bottom side of the unusual large green steam engine is the Warriors low pressure steam engine.





Next without complete masts and rigging is the HMS Victory. It is a 104-gun first-rate ship of the line of the Royal Navy, launched in 1765. She is best known for her role as Lord Nelson's flagship at the Battle of Trafalgar on 21 October 1805. In 1922, she was moved to a dry dock at Portsmouth, England, and preserved as a museum ship. She has been the flagship of the First Sea Lord since October 2012 and is the world's oldest naval ship still in commission, with 244 years' service as of 2022. The large grey clam shell looking building holds the HMS Mary Rose (1654), a 40-gun fourth rate launched in 1654 as Maidstone, and renamed after the Restoration in 1660. By the third French campaign (1544–46), the ship carried additional guns and weighed 700 tons. During the Battle of the Solent on July 19, 1545, the Mary Rose sank in a strait of the English Channel. Recovered in 1982.

This has a fascinating display with walkways on 3 floors that follow the sheer of the deck of the ½ of the Mary Rose that they raised from the sea floor. As you walk along these floors and look across at the different areas of the ship they project very realistic images of what that area looked like when it was new and being used. They light up another area and tell you about that area. My son thought this was an excellent display that really involved the viewer.



Just over the fence was the modern aircraft carrier the lead ship, HMS Queen Elizabeth, named, in honor of Elizabeth I. She was commissioned on 7 December 2017 in the Queen Elizabeth-class. Second in the class is HMS Prince of Wales, they can operate an air wing of 24 to 36 F-35 fighter jets and 14 helicopters.



That concluded the meeting.

Fun Float – March 5

By Robert Osmond
Photos by Allan Wing

We had a cool overcast day for our first time back at Bellevue's Downtown Pond, for 2022. The weather cleared and 14 skippers tried their hand at running their boats, as we ramp up to a very full season of floats, regattas and night floats yet to come.



Bill and Judy Heath were running his towboat with a long gravel barge to give everyone something to dodge.



Richard Lennington was there running his two springers and a new small sailboat, which looked very realistic on the pond.

Fred Row had a little trouble when the prop disappeared from his varnished run about. We could not find it, even with very clear clean water. **Richard Bizier** was running his new blue runabout, looking for stranded water skiers.



Lee Buse had his springer out practicing pushing a block of foam for future events.

David Zanzig was taking his small barge on the hip practicing for the tug boat regatta in August.



The rest of us were just out "running boats". We had three guests, **Mr. Isbell** who brought his son Ian and his son Ronin. He wanted to know how to clean a very nice tugboat that his father built in the 1950's. His grandson had a great time running Chuck's boat and then my Pacific.



It was a very good outing.

My Beginning With R/C Model Boats

By Keith Schemerhorn

Photos by Keith Schemerhorn

Back in the mid 1980's, my interest in model boats began by attending a couple different events. Some r/c combat and a visit to the World's Fair in Vancouver, B.C., (Expo 86) where there was a large model boat display/demo.

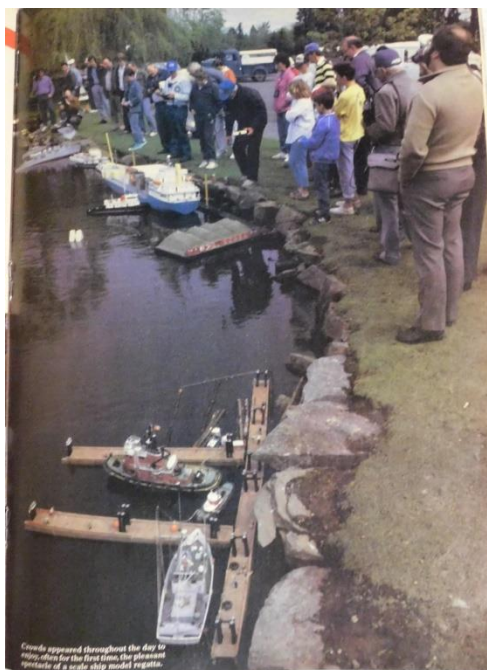
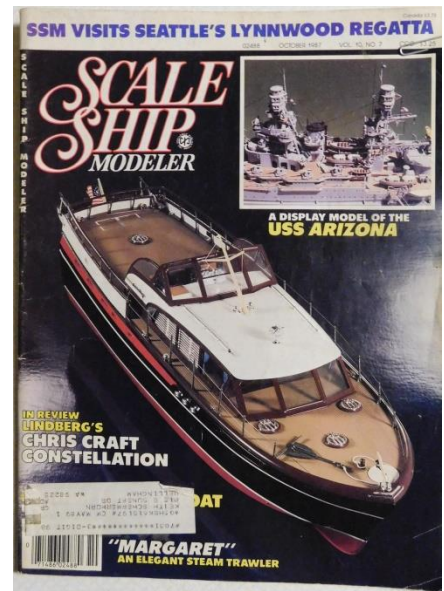
But to keep me fueled up on information and inspiration, I looked forward to the release of Scale Ship Modeler magazine every other month. Before the internet, we would get this publication with pictures, articles, how to's, and coverage of events across the US and other places. The advertisements were our introduction to many products available to us that we never knew existed or couldn't see at a hobby store. It was the scale boat hobbyist's magazine of fantasy and reality to help pass the time away.

In one such issue, they featured coverage of the NW R/C Ship Modelers Regatta. Well this just fueled my fire to learn more and get involved with the club. In this article by Loren Perry, a well-known modeler at the time he described the events and some of the interesting people

that were there. Some of these people are no longer with us. Most notably Bob Jacobson (moved to Idaho) and Cliff Shaw. They were a couple of the main founders of this group.

Their hard work laid the foundation for the many events that have and continue to happen for our club.

The models featured were



When my train arrived at Seattle's station on May 2, Bob Jacobson, Contest Director of the next day's 1987 annual Lynnwood Regatta was there to meet me, and we both looked at the heavy gray sky with dread. Was my trip going to be in vain? Would the regatta be rained out?

Well apparently the regatta organizers have a direct line to the main upstairs, because although the following day dawned in a no less dreary fashion, the rain kept their distance and the sailing went about as scheduled.

The event was sponsored by Seattle's Northwest R/C Ship Modelers and held at a nearby lake in Lynnwood. I counted 56 models on display not including barges and non-operational accessories, a respectable turnout by any standard. Some of the competitors arrived from as far away as British Columbia, Canada, while most were from Washington state.

The rules were kept simple: starting followed by a precision steering course. This proved to be about right for the amount of time available and the number of models competing. There was no evidence of any hard-core dog-out-dog competition, and everyone seemed to be there primarily for fun's sake, and to meet and talk shop with other modelers. Despite the gray skies, the abundance of sunny dispositions toward the lakeside more than compensated.

Among the models present, surely the most imposing on the scene was the gigantic 1/48 scale container ship Star Galaxy, an animated model that was constructed for Vancouver's Expo 86. This beautiful functional cargo barge that allowed remote control of the unloading and loading process. The model's lifting gear demonstrated its capability by selecting a metal container, lifting it from the deck, swinging it out over the ship's side, and lowering it to the dock alongside. It then reversed the process with equal alacrity. A fleet of 1/48 scale tug was also on hand to maneuver the cargo ship away from the pier and back again, and the ill-timed tape recorded conversations between ship's master and a shoreside radio, all of it carried aboard the Star Galaxy. With a hull large enough to serve as a coffin, space and weight was no problem! In fact, previous experience as a pallbearer would be useful when the time comes to move this beauty!

Clearly the most beautiful model present was another monster model, a wooden tug named Marion-Bell, Roger Stetson of McLeary, Washington, brought this six-foot masterpiece in the back of a van and had to use a small two-wheel trolley to move it around. Although he had never weighed it fully loaded, a reasonable guess would place this model in the 100 to 200 pound range.

What made this model tug stand out all the more was not just its size, but its superb craftsmanship. Normally, at other shows I've attended around the country, builders who select large projects often depend

just as varied as the modelers themselves. Warships, tugs, freighters, and even scenic dock settings all involved. The event was held at the community college in Lynwood on the first weekend in May.

Harry Crosby in the process of setting up his amazingly animated container ship *Star Galaxy*. Note the robust carrying cases for the tugs in the foreground.

British Columbia's Harry Crosby assisted from some friendly "pathfinders" they ease the *Star Galaxy's* great bulk of the van.

Jim Elder poses with his outstanding model of the battleship *Oregon*.

Canadian modeler Don Ferguson prepares his miniscule West Coast Superwinder log boat for running. This little jewel was only six inches long and ran exceptionally well.

on sheer size alone to impress, and many times have fallen short in the workshop department. Not so in this case. Roger's miniature tug was the very picture of perfection, or as close to it as most modelers will ever achieve. A freelance design that was a composite of several wooden-hulled tugs, the *Marzoze* built adhered strictly to scale-like construction throughout. Its doors, railings, and ladders were all designed to fit a scale-sized crewman, and care was taken to hide switches and other operating equipment from view. The rope fenders were most authentic to look at, and even the paint scheme masterpiece fully deserved its dual wins, a First Place in the Commercial Category plus the Modeler's Choice award for best in show.

Coming up closely behind was another worthy contender, a scratch-built 1/96 scale cage-mast battleship by Jim Elder of Snohomish, Washington. This entry, the *USS Oregon* as she appeared in 1910, featured a cedar and fiberglass hull topped with a superstructure made from styrene and steel. The natural wood deck was planked in birch, and the large cage mast was flawlessly rendered in wire. The builder made good use of plans acquired from the

Larry Coonce of the Valley Model Boat Club in British Columbia, Canada played goodwill ambassador to some of the younger visitors. Here, two future R/C scale boaters get a close look at Larry's 1/72 scale model of the French destroyer *Forbin* in payment for some of that country's lost battleships.

(Continued on page 61)

A closeup of the *Jean Bart's* internal gun mechanisms.

Cliff Shaw sets up his R/C combat model warships for later demonstration to visitors. None of these models were used in battle during the show for safety reasons. Cliff's mighty *Jean Bart* is armed with 17 working guns!

Bob Jacobsen and friends put on a well-organized and friendly show, one of the more enjoyable events SSM's ever attended.

Two contestants inspect an interesting little double-ended ferry boat complete with wooden auto mockups on deck.

Don Ferguson's "Superwinder" (arrow) enters his well-detailed dock diorama. Don's models are among the best to be seen anywhere.

entry" and its rotating underwater power unit made it capable of spinning on its axis with exceptional maneuverability. The unique power drive also took some getting used to as this writer will gladly attest from personal experience. Don allowed me to try my hand at it, and once I'd gotten past the initial trial period of tail-chasing, I finally managed to establish a certain amount of control over the little critter, even to the point of being able to open and close a floating log barrier that was set up for demonstration purposes. I had to admit that running it was really fun!

The naval wargamers were also out in force, and several 1/144 scale R/C combat ships were on display with their tops removed for visitors to inspect the functional gunfire control systems. These models use a built-in Freon powered BB gun apparatus and are fought according to some very detailed and well thought out rules. Local combat aficionado Cliff Shaw displayed several combat models including a new French battleship armed to the teeth with 17 working guns! Probably a record for this type of model ship.

One of the better things about this regatta was the wide variety of types represented: ferry boats, fishing boats, warships, submarines, merchant ships, tugs, pleasure craft; there was something for every taste. The show ran smoothly and there were no incidents or arguments at any time, the sign of competent leadership and organization. It's a show worth seeing, and one we highly recommend to anyone in the Pacific Northwest area and beyond. To Bob Jacobsen and company: bravo Zulu and well done! 88M

OCTOBER 1987

If you look at the photos, you get the idea it wasn't the warmest time of the year. But you can see the excitement and fun that this event invoked. So here is a look back at the past as seen through the eyes of someone else's article in a magazine that inspired many in this club and around the country.

Bob Jacobsen and friends put on a well-organized and friendly show, one of the more enjoyable events SSM's ever attended.

Cliff Shaw sets up his R/C combat model warships for later demonstration to visitors. None of these models were used in battle during the show for safety reasons. Cliff's mighty *Jean Bart* is armed with 17 working guns!

MY MODEL BUILDING STORY

By Ron "Doc" Bray

Photos by Robert Osmond

At the age of six my parents took me to my father's twelve room childhood home in Sumner where they were reconfiguring the house into apartments to help with the war effort. There were no kids or close neighbors, so I had to amuse myself by first building wooden war time

vehicles and war ships and then rubber band driven Gillows stick model aircraft. After the war we moved to a five acre raspberry farm as my father felt my brother and I needed to learn the value of hard, physical labor. Again, we spent weekends, holidays and summers working on the farm. However, I found a large closet where I could build models in the evenings.



During my high school years, college, graduate school, the Air Force, time starting my medical practice and raising children, there was little time to build models. Model building started again when my boys left home to pursue their education.

I saw an ad in the Scientific American magazine by Model Expo and sent for a plank on frame Virginia Pilot Boat kit and was fascinated with the build process and the outcome. My next endeavor was the Bluenose II followed by several other period ship models I purchased from Model Expo.

Building these models provided me with the skills to embark on scratch building. My first project was a model of a 92 foot cruiser. I was invited to show my models at an RC model meeting held at the Richmond Beach Community Center. From that time on I rarely missed a meeting and switched to RC operated models. Several Dumas kits were fabricated and then I decided to build a model of the Thea Foss. The project involved acquiring line drawings, taking many pictures of the actual vessel, building a plug, making a mold and finally a fiberglass hull. The model was powered by two Pitman motors with belt drives. This model now resides in the McCurdy wing of MOHAI.

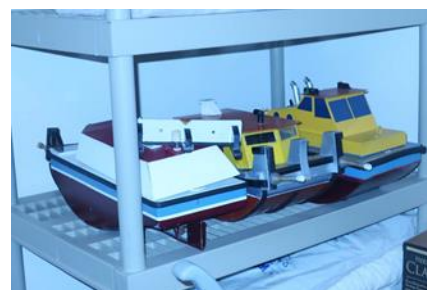
Models displaying local ships from the Northwest were constructed. Namely, the Lake Union Dream boat, Grand Banks 42, Seattle Fire Boat Leschi, Lindsey Foss tug, the Nanuq tug, Virginia V and the Coho ferry.





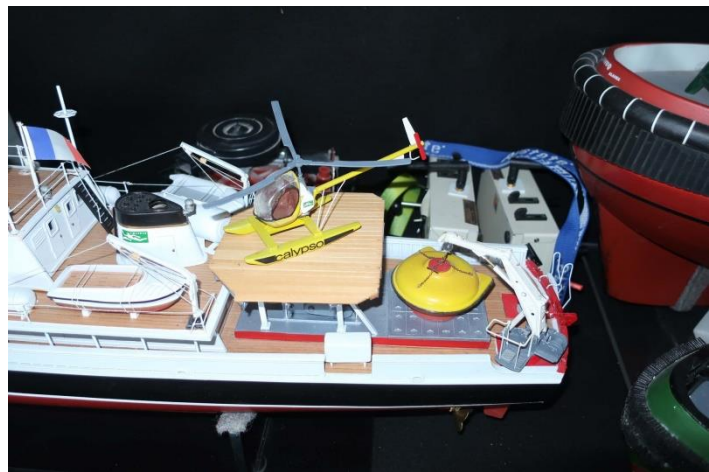
Several Springers were built using a mold, I made. I used this mold to make many fiberglass springer hulls, used by many members.

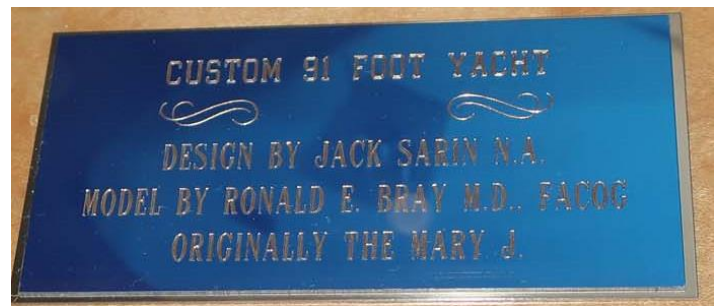
With each boat built over the past thirty plus years, I learned more techniques and acquired skills, tools and confidence. All in all, some thirty models (*some members say over forty four models*) were bought and modified, sold, given away and displayed.





VIRGINIA PILOT BOAT
SWIFT
BY
RONALD E. BRAY, MD
1985







2022 NWRCSM Events Calendar

The rest of the calendar will be determined as the Year progresses and our activities increase and return to normal. (Updated 3/10/2022)

JANUARY

6 Meeting by Zoom 7 pm
8 Fun Float at Seattle Yacht Club (SYC) 9 am

FEBRUARY

3 Meeting by Zoom 7 pm
5 Fun Float at SYC 9 am

MARCH

3 Meeting by Zoom 7 pm
5 Fun Float at Bellevue Downtown Pond 9 am

APRIL

7 Meeting by Zoom 7 pm
9 NW Model Hobby Expo, Monroe 9 am to 6 pm
10 NW Model Hobby Expo, Monroe 9 am to 3 pm
(Check their website for updates WWW.NWMHE.COM)

16 **Fun Float at Bellevue Downtown Pond *** Unusual date 9 am**

MAY

5 Meeting by Zoom 7 pm
7 Fun Float at Bellevue Downtown Pond 9 am
21 Night Float sunset

JUNE

2 Meeting by Zoom 7 pm
4 NWRCSM's Model Boat Regatta, ? am

JULY

7 Meeting by Zoom 7 pm
9 Fun Float at Bellevue Downtown Pond 9 am

AUGUST

4 Meeting by Zoom 7 pm
6 NWRCSM's Tug Boat Regatta
? am
27th Night Float at Bellevue Downtown Pond Sunset Only boats with lights can run after dark.

SEPTEMBER

1 Meeting by Zoom 7 pm
10 Fun Float at Bellevue Downtown Pond 9 am
20 Night Float at Bellevue Downtown Pond 7 to 10 pm. Only boats with lights can run after dark.

OCTOBER

6 Meeting by Zoom 7 pm
8 Fun Float at Bellevue Downtown Pond 9 am

NOVEMBER

3 Meeting by Zoom 7 pm
5 Fun Float at SYC 9 am Unless Huskys have a home game. TBD
?? Pacific Marine Expo at Lumen Field Event Center in Seattle, WA

DECEMBER

1 Annual Holiday Dinner Meeting ???
3? Fun Float at SYC 9 am





The Facility

Our meeting location is part of the Everett Community College buildings (Monroe Hall) located at:

6606 196th Street SW.
Lynnwood, WA. 98036

More information on this facility can be found at <https://facilitymade.com/>



NWRCSM 2022 Club Officers		
	President: Robert Osmond	Webmaster: Allan Wing
	Vice President: Ron Bray	Skagit R/C Meeting Contact: Keith Schermerhorn
	Treasurer: Dave White	Newsletter Editor: Paul Williams
	Membership Database: Bryan Morse	

Currently we have resumed having only Zoom club meetings. (since October 2021)

When we resume in person meetings, they will be at "The Facility" location.

The Facility – Makerspace
6606 196th Street SW
Lynnwood, WA. 98036