



The Bilge Pump

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

August 2022

Look Ahead Events

AUGUST

20 Night Float at Bellevue Sunset

SEPTEMBER

1 Meeting by Zoom 7 pm

10 Fun Float at Bellevue 9 am

Canceled -- Fishermen's Fall Festival

OCTOBER

6 Meeting by Zoom 7 pm

8 Fun Float at Bellevue 9 am

NOVEMBER

3 Meeting by Zoom 7 pm

5 Fun Float at SYC 9 am

17-19 Pacific Marine Expo at Lumen
Field Event Center in Seattle, WA

More events information and updates on
calendar page later in newsletter and,
check our website for latest updates at

www.shipmodelers.com



NIGHT FUN FLOAT WILL REMAIN ON AUGUST 20TH.

From the Bridge

Robert Osmond

We had a very successful 1st Annual Tug Regatta. With the participation we had, I am sure we will be having a 2nd Annual Tug Regatta next year.



We are having a night float on August 20th. Members can run any boats until dark, after dark they will have to have lights. I will bring my (2) 10' long lighted docks and Chris will bring the lighted buoys. So be sure to put it on your calendar.

Next meeting will be September 1st. Our next fun float will be September 10th beginning at 9:00 AM.



Meeting Minutes – August 4, 2022

By Robert Osmond

Photos by Robert Osmond,
Paul Williams

Our meeting had thirteen members present. We discussed the upcoming Tug Regatta and our upcoming Night Float which will be on August 20th from before dark until after dark. Sunset will be 8:12 pm.

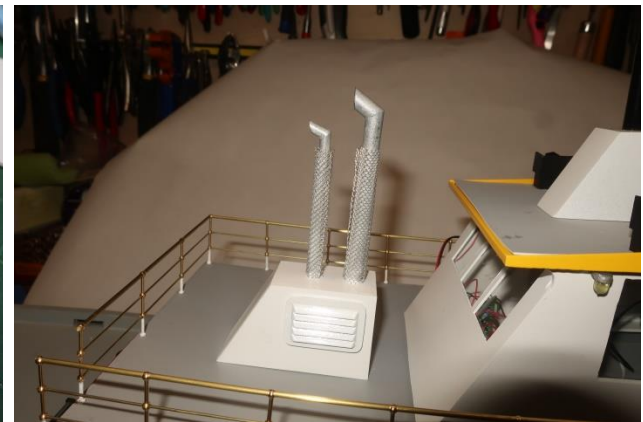
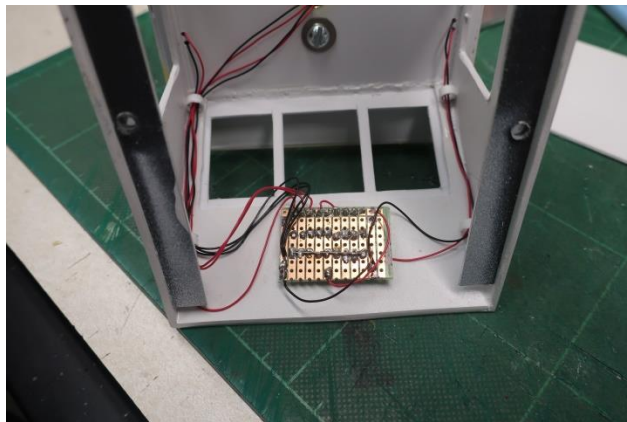
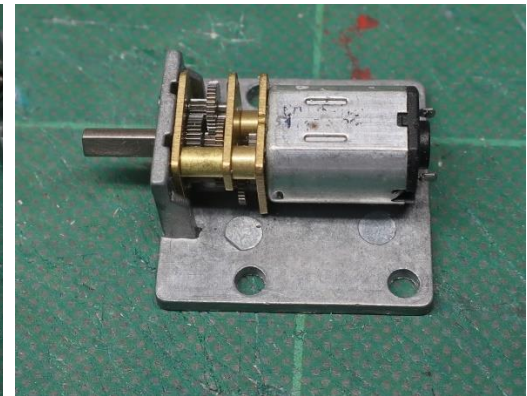
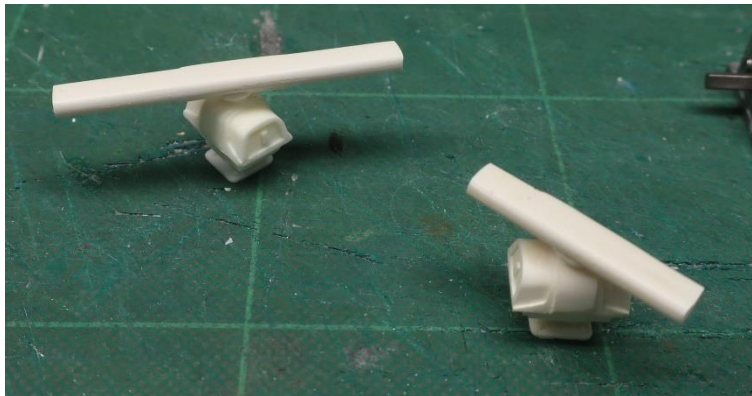


Show and tell:

Chris Merrill discussed replacing his motor in his PT Boat, which he won as a raffle prize at the June Regatta. He is working on keeping the water out when he backs up too fast, which is quite often. He showed the compartmenting of his barge and added cleats. He also showed Horizon Hobbies new Receiver/Speed Controller Unit. (Please see Chris' construction article "Building the Barge Project " later in the newsletter. /Editor)

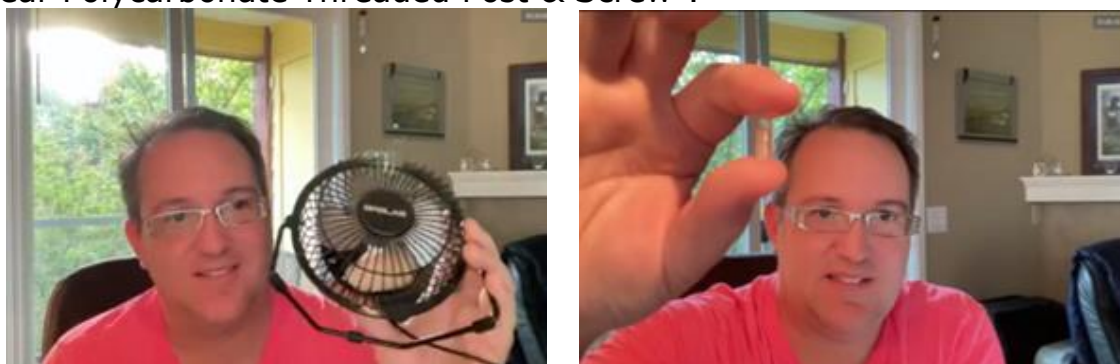


Robert Osmond showed his remodeled then, remodeled, Pacific. It now has a mast with working running lights, glass windows, railings made with stanchions from Cornwall Models in England, which had the top holes broached out to 1/16" so that the top rail of the three rails would not be all the same small size. And it would be more realistic with exhaust stacks with heat shields, made with K & S Aluminum Mesh, deck lighting and, a rotating radar, rotating at 27 RPM. See attached photos.





Bryan Morse showed a small fan that runs off of a USB 5 volt charging or computer connection plug-in, for drying out boat interiors. He also showed some screw together two piece fasteners for punched paper that can be used to resemble Fresnel lensed ships lights. You can put LEDs inside of them. They are available from TAP Plastics and are called "Clear Polycarbonate Threaded Post & Screw".



David Zanzig called in while working on Hat Island west of Everett.

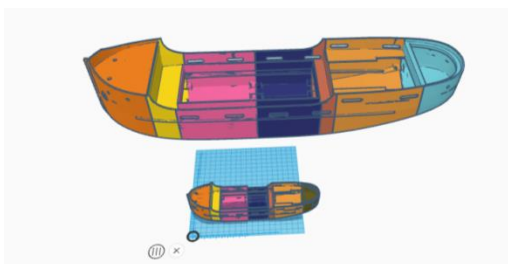
Keith Schermerhorn told us about Power Graphics, who can make name graphics and labels for your model boats, name on the hull, and for your life buoy. It helps them to look more realistic. He also showed his new Canadian tug, *Northern Husky*, which he is just starting. It will be a length limit maximum powerhouse.



Paul Williams showed pictures of the three Springer Tug hulls and deck covers that he 3D printed for David White and Robert Osmond. David and Robert requested tug lengths of 180 mm (6.5 inches). Robert also asked for a 75 mm (3 inch) long one, too. The wood Springer is 18 inches long.



Paul talked about the problem encountered when reducing a larger CAD 3D model down to a size to fit on his 3D printer. As the model is reduced, the wall thickness got so thin that he could not print the model. The model was "Victualling Inshore Craft VIC RC Cargo Ship, scale 1/35, and designed by Askarsi. This nice model was 730 mm (29 inches) long and Paul wanted to reduce the length to 180 mm (7 inches). This is a common problem with using another person's model and changing the 3D print size.



Paul finds free CAD 3D models on two main websites: PRINTABLES.COM sponsored by PRUSA Company and THINGIVERSE.COM sponsored by MakerBot Company. You can find other model sites with a Google search for "3D models".

NOTE Horizon Hobbies new transmitters and receivers require digital servos to work properly..

Tug Boat Regatta – August 6, 2022

By Robert Osmond
Photos by Chris Merrill,
Keith Schermerhorn,
Robert Osmond, and
Paul Williams

Our 1st Annual Northwest RC Ship Modelers Tug Regatta was a complete success; great weather, good company and 24 participants.



We had many great raffle prizes that were donated. They covered four 6' long tables.

A very complete large *Sea Imp* tug with all fittings and plan by Gary King

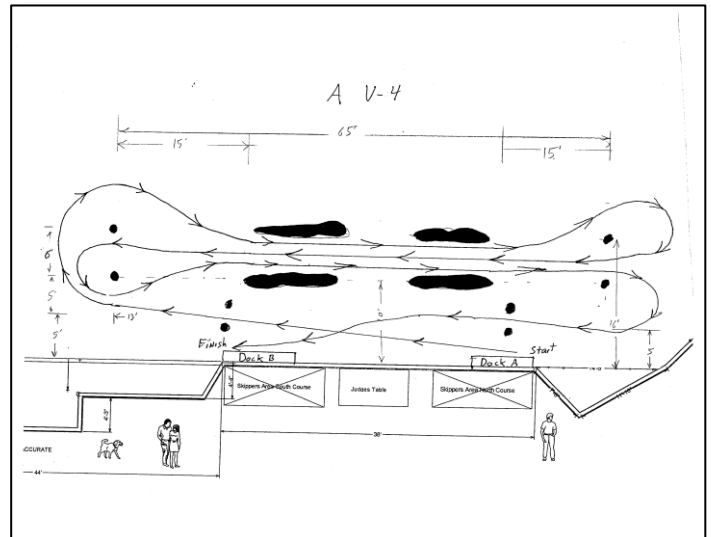
Loyalhanna Dockyard donated a Dumas' *Carol Moran* and an Army *St 74'* Tug kits.

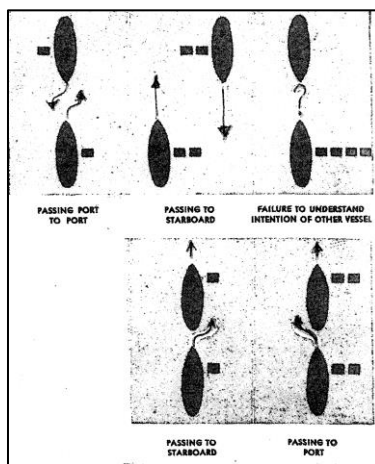


Boats, hulls and tools by Alan Kinsman. There were also some nice motors, and an anonymous monetary donor.

The course and idea was David Green, from his experience in the United States Coast Guard as a Ship's Captain, a Naval Architect, and Marine Engineer.

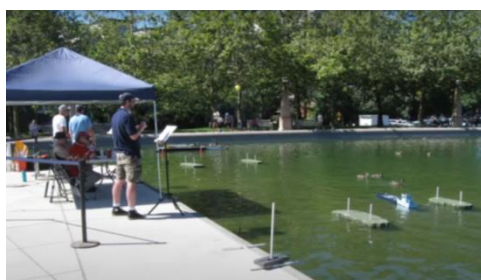
He wanted our Tug Regatta to be like real world tug and barge handling. This would mean that the focus of the course would be several encounters between two tugs with barges running identical courses but starting and ending at opposite ends. This would require the tug captains to communicate with each other by voice or horn signals as real tugs do daily.





Each skipper would have a bicycle horn suspended on a strap hanging from their neck to honk signals to the other skipper (see the horn signal instructions, and horn photo). The captains could push, pull or take the barge on the hip. There was a good breeze running and some of the barges with a lot of windage had minds of their own. It worked quite well and was a lot of fun and full of new challenges, since we do not usually run our boats with barges.

David Green and Steve Sunich were the Judges on Navigation and did a great job.



Congratulations to David Green for a Great idea and design.







The Navigation results are as follows:

Small Class

- 1st Keith Schermerhorn
- 2nd Amy Eng
- 4rd Robert Osmond

Medium Class

- 1st Ray Malone from England
- 2nd Ron Burchett from Canada
- 3rd Amy Eng

Large Class

- 1st Kevin Nolet
- 2nd Robert Osmond
- 3rd Kevin Nolet

Salvage:

The other competition was the Salvage event, where each skipper hooked on an Orville hook, left the dock, went through a gate, then tried to hook the anchor chain of one of the three different size derelicts, and pull it back through the gate and then come along side and push the derelict against the dock, while lining up a tape mark on the side of the derelict with a tape mark on the dock. This is a lot of fun.

Lou Magnabosco did the judging of Salvage out in the open without a tent. He had a keen eye and did a great job.

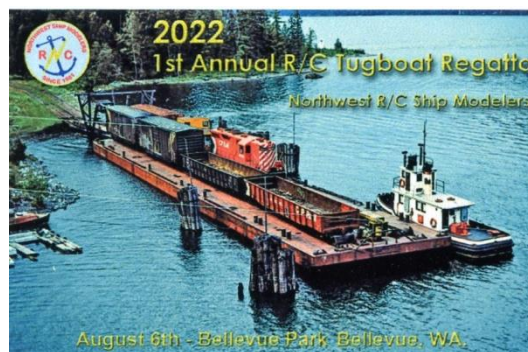
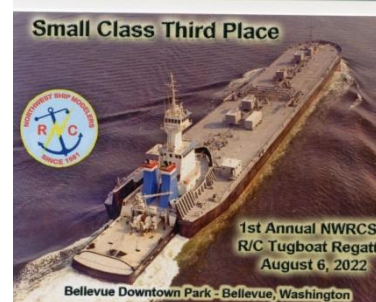
Salvage

- 1st Ray Malone from England
- 2nd Keith Schermerhorn
- 3rd Robert Osmond

Thanks to all of you:

David Green – Judge and designer

Steve Sunich – Judge and awards presentation



Lou Magnabosco – Judging

Fred Row – Raffle, ticket sales and donations

Bill Heath – Loading, unloading, setting up and taking down course, driving, use of his truck and storage

Bob Spiger – Coffee, doughnuts, cold drinks, chips, water and manning the lunch counter

Chris Merrill – set up, photos

I know I have not listed all those that helped. Thank you to all of you for your help in bringing off this new event for our club. We could not have done it without so many of you helping.



Dain Webster and Roger Lyons were also at the Tug Regatta. It was good seeing Roger. Both were in the Coast Guard.



More regatta pictures are available to see on YouTube. Go to YouTube website and search with the words "Tug Regatta 2022 Slide". Thanks to Chris Merrill for setting this up.

Building the Barge Project

By Chris Merrill

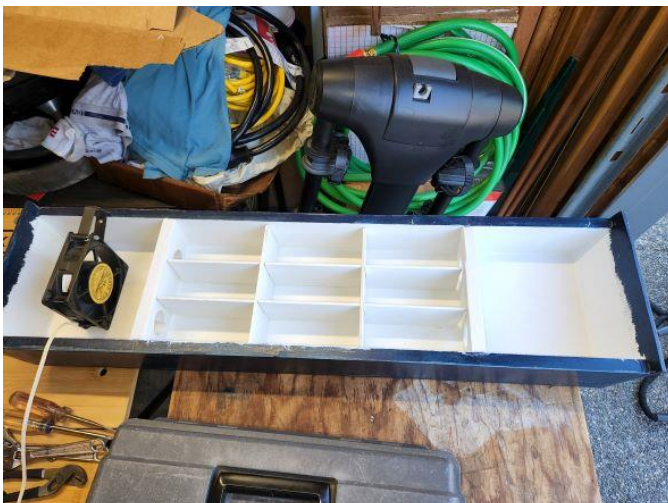
Here is the material from which I did a show and tell about including pictures of the building of my barge to use at the Tugboat regatta this year.

I used some extra wood and plywood from a FIRST Robotics project and incorporated some suggestions from members. By luck the length of the barge is 37 inches and so it was just the regulation size for use with 18 inch springers. The width is 9 ½ inches.

The skag material used was provided by Robert Osmond and cut to shape from the wooden patterns. I bolted the skags rather than using wood screws and then applied liquid electrical tape goop to seal.



I made the egg crate boards from leftover wainscoting boards to keep the water ballast from sloshing around.



The new barge into the Tug Regatta on the 6th by two different ships and drivers. Jon McCool did pretty well for a first timer for both his new springer *Blue Cool* with my barge as a pusher and then towing.



My attempt as a pusher hookup to the yellow and white springer I won at the June Regatta raffle was going through the competition course pretty good for a rookie, but the springer belt drive came apart 5 feet from the finish dock.



I have since made repairs and hope to test it out at the night fun float as I have got the running lights to work in separate battery hookups.

My original plan was to try a drone takeoff, but I'm not sure I will attempt a landing on the water the first few times. The drone can just sit there and take nice video at water level. I found it hard to drive a tug and work the drone at the same time, so I may need a partner to accomplish that. The drone has running lights (flying lights) when it is powered on so maybe I will be able to attempt video recording at our coming night fun float.



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 8/19/2022)

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 9 am

MAY

4 Seattle Yacht Club Opening Day Fun Float 9 to 3
5 Meeting by Zoom 7 pm
7 Fun Float at Bellevue Downtown Pond 9 am
21 Night Float at Bellevue Downtown Pond sunset

JUNE

2 Meeting by Zoom 7 pm
4 NWRCSM's Model Boat Regatta, 8 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 8 am
20th 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
XX Fishermen's Fall Festival -- **Canceled in 2022**

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 Husky's have a home game. TBD
17-19 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**