



The Bilge Pump

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

July 2024

Look Ahead Events

AUGUST

- | | |
|--|--------|
| 1 Meeting at The Facility | 7 pm |
| 3 NWRCSM's Tug Boat Regatta | 8 - 4 |
| 14 Twilight Float Bellevue Pond | Sunset |
| Only boats with lights can run after dark. | |
| 18 BMM Regatta. see www.bammrc.com | |
| 30 Olympia Harbor Days (and Sep. 1) | |

SEPTEMBER

- | | |
|-------------------------------|-------|
| 5 Meeting at The Facility | 7 pm |
| 14 Fun Float at Bellevue Pond | 9 am |
| 28 Fishermen's Fall Festival | 11 am |

OCTOBER

- | | |
|--|------|
| 3 Meeting at The Facility | 7 pm |
| 5-6 Lynden Lions Club Train & Toy Show | |
| 5-6 Bellingham SeaFeast | |
| 5 Fun Float at Bellevue Pond | 9 am |

See more details in the expanded calendar section at the newsletter end.



Read more about members' projects.

From the Bridge

Steve Sunich

Well, everyone has been busy so we are finally pulling together the newsletter. Since the last issue, we have had the July meeting and fun float.

Planning is ongoing for the August 3 Tug Regatta. The course has been set and volunteers are ready to go. It is expected to go as well as the June regatta.



The Show and Tell portion of our meetings is still amazing me as we have had excellent participation from the membership sharing methods, projects and maritime history. This is important as we need to keep our craft going. Clubs around country are experiencing falling membership numbers and we need to keep passing along our skills and knowledge so it does not get lost going into the next generation. I would like to get more "how to" articles into our website. When you have a good idea or something to contribute, please pass it along so we can get it added. These could be any photos, technical data, special projects, written material, special vendors, etc.

We have been invited back to the Fisherman's Fall Festival again. This is September 28. It is a very fun event with a sheltered place to run and a ton of sightseers. Everyone is welcome to attend, but we do have to know how many boats we may have so that we can plan our space. If you plan on attending, please let me know.

Additionally, the newsletter has been getting larger and larger with great articles written by members. Please keep sharing your projects. I see many different boats at the fun floats that I am sure the membership would like to know more about.

Also, a reminder to join the SSMA, our national organization. We get good exposure and benefits from SSMA (website SSMANA.org).

Meeting Minutes – July 11, 2024

By Steve Sunich and Chris Merrill

Photos by Robert Osmond and Paul Williams



Special thanks to **Chris Merrill** for taking notes so that this could be written.

Steve Sunich kicked off the meeting with a summary of our June regatta which went well. Again we were at our usual location at the "The Facility Makerspace" at Edmonds Community College in Lynnwood, WA. and with 18 members. **Dave White** gave a quick treasurer's report stating we still have money in the bank. Raffle sales at the June Regatta were good, with Dave White's brother, Jeff, selling tickets. Between raffle tickets and entry fees, our costs were covered.

The next regatta is our **August 3 Tug Regatta**. Volunteers were requested and a sign-up sheet went around the room. We are almost filled in with volunteers.

The winter fun float dates are set with Seattle Yacht Club starting in November. A question was raised about the possibility of a night float at SYC. That had been

considered before with not much interest from the membership, but Steve said he would reinvestigate that possibility.

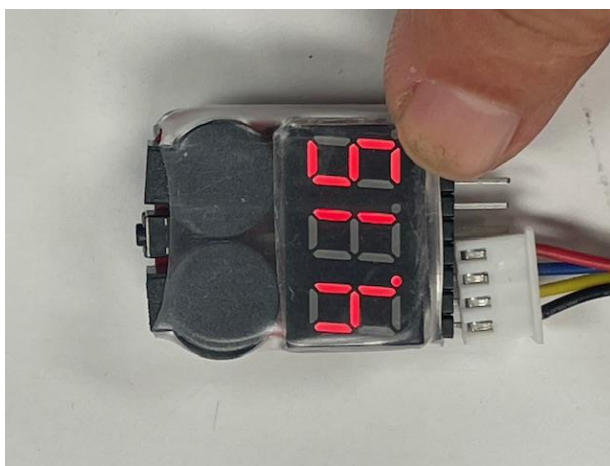
Our club had three articles written in the SSMA Journal. That was great as **David Zanzig**, **Robert Wickham** and **Steve Sunich** contributed. It gives great exposure to our club. Let's keep this one going. It is a fun way to show off your projects to the whole country.

We are looking for a slate of officers for next year. It appears we will be looking for a President as Steve has done it for 2 years. Steve is willing to do whatever it takes to help and do a lot of the work, but we would like to break in another President for next year. Steve will be making some calls or if anyone is interested in stepping in let him know. It would be great to rotate the job to get others involved and have a shot at it.

Show and Tell commenced with a special presentation from **Ron Bray** about using fiberglass over wood for a clear finish. This poses a particular challenge given that it needs to be perfect to show off the natural wood and provide a protective coating and gloss finish. Ron brought an example of one of his wood Chris Craft runabout that is over 20 years old and looks like it was fibreglassed yesterday. Ron Bray emphasized using the finer weave of fiberglass and to cut the joints at the correct place. He also stressed the use of a mask and good ventilation. You will see, from the picture, the beauty of this model.



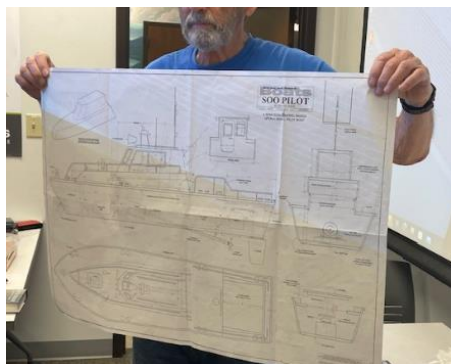
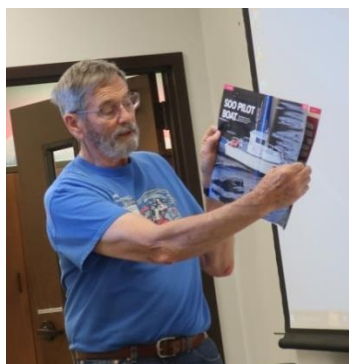
Richard Goodrich, showed us a little battery voltage meter for use to measure boats' battery levels. It also had a low voltage sound alarm. He got four meters for about \$20.00 on Amazon. He also talked about LIPO batteries swelling up if charged too quickly or incorrectly. Those should be discarded as they could be a fire hazard.

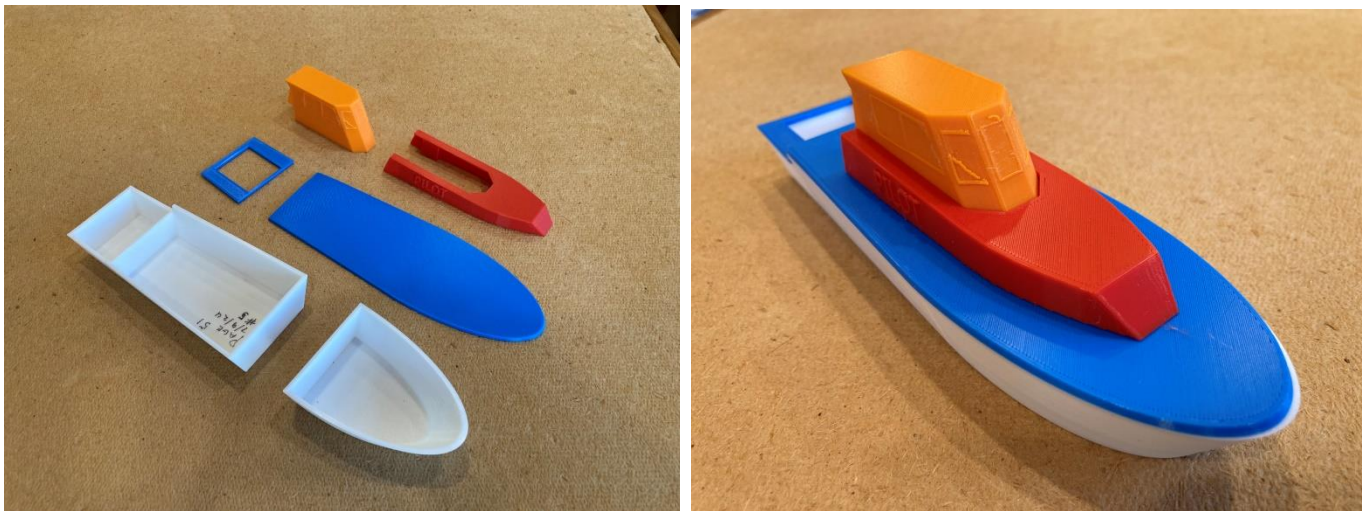


Vice President **Richard Lenington** brought in a 36" Dumas Shelley Foss model to give us an update on the repairs he is making to her. He also talked about other model ships he received from a friend which need updating. Some may be good raffle items.



Paul Williams showed us his progress to model the *SOO* Pilot boat plans using TinkerCAD 3D program and print it on a filament 3D printer. Plans were for a wooden boat that was included in the Model Boats magazine May 2024 issue.





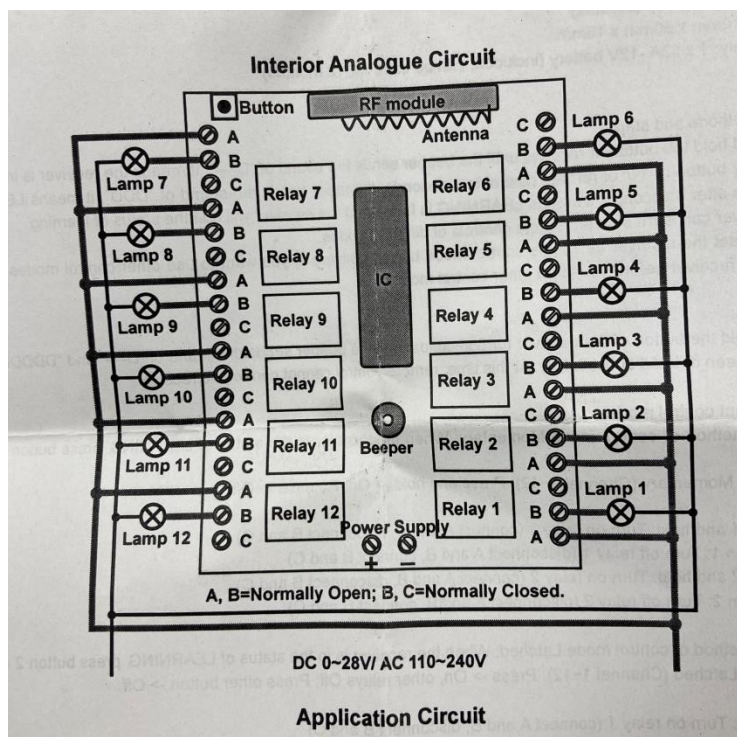
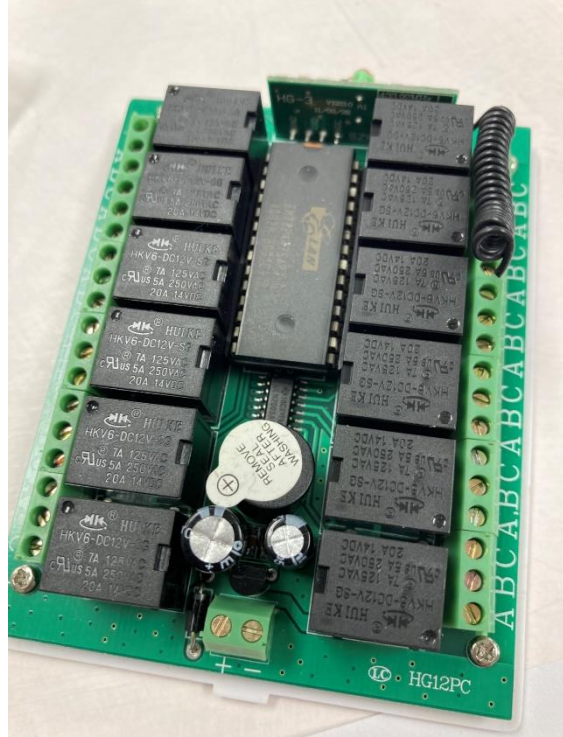
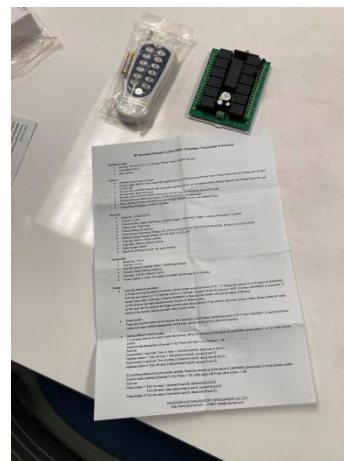
Paul also showed a nine inch PBV-5A Catalina WWII era amphibious seaplane that was 3D printed. It was printed in two parts, one for the right side and left side. The 3D model was design by "TurboRenegade" and the 3D SLA file is available free from the website Thingiverse.com. The same person has a number of other planes and a helicopter 3D SLA files.



Masaaki Seki offered a collection of 35 mm film containers to the members. These are getting rarer each year and are great for storing small items. He is a photographer and has many of these.

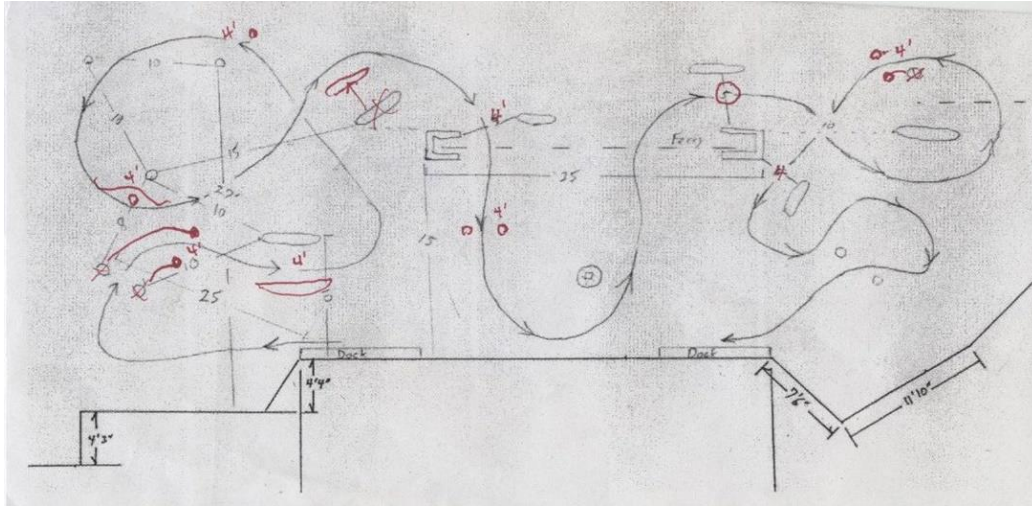


Robert Wickham, showed us the device he wrote about in the SSMANA Journal. It is a RF wireless remote controller/transmitter and receiver that has 12 channels, DC 0 to 28 volts, relays to control motors, fans, lights, and more. It uses an 8-bit code for encoding and decoding transmitting frequency of 315 MHz and 433 MHz.



Chris Merrill talked about working with David Voetmann, Director of The Facility Makerspace about the 3D printers available at Monroe Hall. He will be taking a tour after the meeting.

Robert Osmond jumped on the projector and gave us a sneak preview of the course Dave Green and he are setting for the August Tug Regatta.



Robert next showed his new “LED rope lights” that could be used to light up a model boat at night. The LED ropes are available in different colors.



Next he pointed out that there is a lot of boat building and R/C technical information and sources on the NWRCSM's website. There is a ton of reference material there for anyone wanting information about how to do almost anything.

Plans, Blueprints and Drawings

Several of our members have plans blueprints or drawings they are willing to make available so members can build one of these models. Follow this [link](#) to see what is available and contact the person listed. In addition the club was given a large number of plans of both sailboats and powerboats these plans are also available to check out follow this link to see the list of plans [Club held Plans](#)

[List of Suppliers](#)

Technical Articles

Over the years the club has collected many articles that cover many aspects of building boats. These articles provide hints on how to do various elements of building a boat. Click on the Title Below to view the article

Building with Styrene	Scratch Building Stuffing Boxes
Determining Proper Wire Size	Separate Servo Power
Fiberglass Training Guide	Servo Mods for BI Directional control
Gear Reduction System	Servo Mods for "ON/OFF" Geared Motor Applications
JR Servo Drive Modification	The Motors That Make Our Boats Go
LED's What I Think I know	Using LED's in Our Model Boats
Model Boat Electronics	Working Radar for Model Boats
Patterns from Plans	R/C Battery Choices
Speed Control Basics	A Question of Scale (One members opinion of what is Scale Speed)
Building Towing Winch with internal Motor	Analyzing a Motor
Automatic Bilge Pump	Updated Automatic Bilge Pump
Scale Pictures of a Hook for using in Salvage	Picking a motor and Propeller Combination for a Tug

Data From The Coast Guard

Here we will post data that will help you make your boats more authentic.

[Navigation Rules](#)

Springer Drawings, Plans and Articles

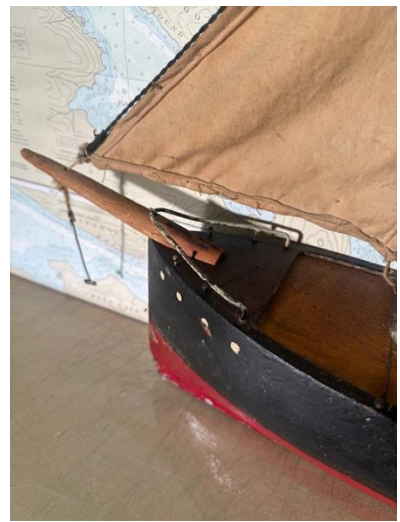
[Springer Plans Page 1](#)
[Springer Plans Page 2](#)
[Pattern for Springer \(Microsoft Word File\)](#)
[Polo Springer Specifications](#)
[San Francisco Polo Springer](#)
[Springer/Polo Boat](#) (Description of how Earl Built a fast Springer)
[Automatic Bilge Pump](#)

Updated Automatic Bilge Pump

Locations of flags on a ship are important to us and there are a lot of misconceptions on how they are to be displayed properly. Robert brought us a Coast Guard reference. He also referenced links to references to navigational lights.

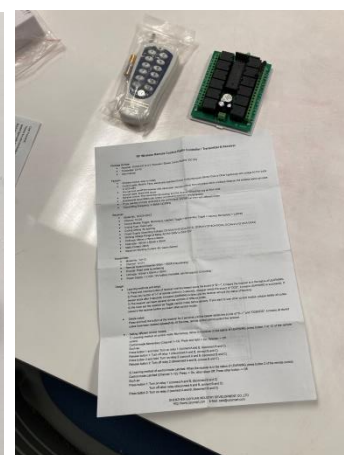


Robert brought pictures of an old tug and sail boat models. He is looking for volunteers to help fix these boats. If you are interested, contact Robert Osmond.





Meeting ended.



Fun Float – July 6, 2024

By Steve Sunchi

Photos by Robert Osmond and Steve Sunchi

Our fun float on July 6 had great participation at the Bellevue City Park's pond, just east of Seattle, Washington. It was a very warm morning and thanks to members bringing tents for shelter. It was great to see a couple members who have not been around for a while.

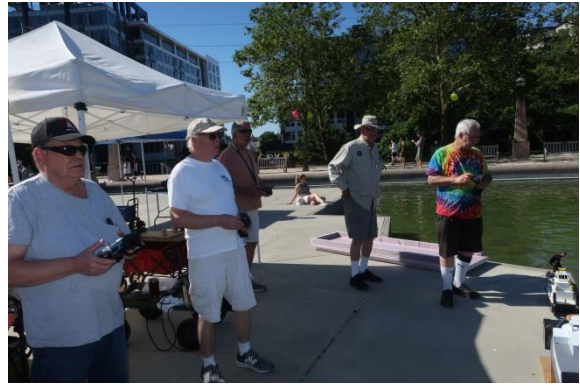


Robert Osmond brought his large barge for everyone to push around. Reliable fun floater, Dave Green, brought some smaller boats and Harlan Winslow came from Port Angeles to participate. Richard Bizier brought more boats I had not seen before. Also participating were Richard Lennington, Bob Brown, Jon McCool, Roger Lyons, David White, Dave Kentala, Chris Merrill, and five other members and guests.



The pictures are worth a thousand words.





FREE -- HULL'S LOOKING FOR A GOOD HOME

Here are two all wood, scratch built, bread & butter hulls made by a master craftsman before he recently passed. They were given to Portland Club and asked our help in finding good homes for them. Each would make excellent RC boats.

The 1st hull is 66" Long, 12" wide and 6½" tall. It has a brass cutwater in the bow. It's very well constructed and appears to be a generic pleasure or launch style boat. It's made of good quality softer wood making it easier to gouge and hollow out the interior of the hull.



Below is the **2nd hull**. It is 55 ½" Long, 10" Wide and 5 ½" Tall. It's the same construction and wood used in the 66" hull. It also has a brass cutwater on the bow. It's likely this is a generic work or freighter style hull. The raised portion of the upper bow can easily be modified, reducing or eliminating, to change its appearance from work to a pleasure craft.



Both boats are being stored with Bob Muller, Commodore of the PMPBA in Tualatin OR. If you are interested in one or both call Bob at 503-860-9016. Act soon, Bob would like to have a bit more room in his garage again.

Ken Valk, Secretary; Portland Model Power Boat Association

For Sale

Cart for sale; Has pneumatic wheels and a pull out shelf. It is 26" high and wide and 52" long. \$120 or make me an offer.

Contact: Richard Bizier,
Bizier@email.com



2024 Northwest Remote Control Ship Modelers Events Calendar

Remaining "???" dates and times will be listed as the year progresses. (Update 7/24/2024)

JANUARY

- | | | |
|---|------------------------------------|------|
| 4 | Meeting at The Facility Makerspace | 7 pm |
| 6 | Fun Float at Seattle Yacht Club | 9 am |

FEBRUARY

- | | | |
|---|------------------------------------|------|
| 1 | Meeting at The Facility Makerspace | 7 pm |
| 3 | Fun Float at Seattle Yacht Club | 9 am |

MARCH

- | | | |
|-----|---|------|
| 2-3 | Miniature Show - www.seattleminiatureshow.com | |
| 7 | Meeting at The Facility Makerspace | 7 pm |
| 9 | Fun Float at Seattle Yacht Club | 9 am |

APRIL

- | | | |
|----|--|---|
| 4 | Meeting at The Facility Makerspace | 7 pm |
| 6 | Fun Float at Bellevue Downtown Park (?) | 9 am |
| 11 | NW Hobby Expo - Pond Setup | 9 or 10 am |
| 12 | NW Model Hobby Expo, Monroe | Noon to 6 pm |
| 13 | NW Model Hobby Expo, Monroe | 9 am to 6 pm |
| 14 | NW Model Hobby Expo, Monroe | 9 am to 3 pm |
| 18 | Twilight Float at Bellevue Downtown Park | Sunset Only boats with lights can run after dark. |

MAY

- | | | |
|---|--|------------------|
| 1 | Seattle Yacht Club Opening Day Fun Float | 9 to 3 Wednesday |
| 2 | Meeting at The Facility Makerspace | 7 pm |
| 4 | Fun Float at Bellevue Downtown Park | 9 am |

JUNE

- | | | |
|-----|------------------------------------|-------------|
| 1-2 | Anacortes Waterfront Festival 2024 | 10 to 6 |
| 6 | Meeting at The Facility Makerspace | 7 pm |
| 8 | NWRCSM's Model Boat Regatta | 8 am – 4 pm |

JULY

- | | | |
|----|-------------------------------------|---|
| 6 | Fun Float at Bellevue Downtown Park | 9 am |
| 11 | Meeting at The Facility Makerspace | 7 pm (Instead of July 4 th) |

AUGUST

- | | | |
|-------|---|---|
| 1 | Meeting at The Facility Makerspace | 7 pm |
| 3 | NWRCSM's Tug Boat Regatta | 8 am – 4 pm |
| 14 | Twilight Float at Bellevue Downtown Park | Sunset Only boats with lights can run after dark. |
| 18 | BAMM Regatta. see www.bammrc.com for details. | |
| 30-31 | Olympia Harbor Days (and Sep. 1) | |

SEPTEMBER

- | | | |
|----|-------------------------------------|--------------|
| 5 | Meeting at The Facility Makerspace | 7 pm |
| 14 | Fun Float at Bellevue Downtown Park | 9 am |
| 28 | Fishermen's Fall Festival | 11 am – 6 pm |

OCTOBER

- | | | |
|-----|--|----------------------------------|
| 3 | Meeting at The Facility Makerspace | 7 pm |
| 5-6 | Lynden Lions Club Model Train & Toy Show | ?? (See their website for times) |
| 5-6 | Bellingham SeaFeast | ?? (See their website for times) |
| 5 | Fun Float at Bellevue Downtown Park | 9 am |

NOVEMBER

- | | | |
|---|------------------------------------|------|
| 7 | Meeting at The Facility Makerspace | 7 pm |
| 9 | Fun Float at Seattle Yacht Club | 9 am |

DECEMBER

- | | | |
|---|------------------------------------|------|
| 5 | Meeting at The Facility Makerspace | 7 PM |
| 7 | Fun Float at Seattle Yacht Club | 9 am |

The Facility Makerspace

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

6606 196th Street SW.
Lynnwood, WA. 98036

Meetings are the first Thursday of the Month. More information on this facility can be found at <https://facilitymade.com/>

2024 Club Officers





	President: Steve Sunich	Webmaster: Allan Wing
	Vice President: Richard Lenington	Skagit R/C Meeting Contact: Keith Schermerhorn
	Treasurer: Dave White	YouTube & Meetup Master: Klaus Bellon
	Membership Database: Bryan Morse	Newsletter Editor: Paul Williams



Photo by Allan Wing

Our club meeting location is in part of
the Edmonds College buildings
(Monroe Hall) located at:

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

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