

 <p>www.arrl.org</p>		<p>Saint Paul Radio Club</p> <p>Ground Wave</p> <p><i>Dan Meyer, NØKFB, Editor</i> <i>Dale Maroushek, NØPEY, Publisher</i> http://www.stpaulradioclub.org/</p>	<p>KØAGF</p> <p>Club Repeaters: 145.310 MHz, 442.450 MHz Both use a 114.8 Hz tone</p> <p>PO Box 9375 North St. Paul, MN 55109</p>
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Devoted to the future of Amateur Radio as a hobby and public necessity.

SPRC Nets: Wednesday 7:30 PM 28.310 MHz USB; 8:30 PM 145.310 MHz FM 114.8 tone

NEWS AND NOTES FOR November 2024 Volume 84, Issue 09

NEXT MEETING: FRIDAY November 1st, 2024

- 6:00 PM Board Meeting (all are welcome to attend and observe)
- 7:00 PM Membership meeting, refreshments and socializing
- 7:30 PM Membership Meeting Followed by Program

Entrance to CDH for our meeting

Meetings are held at Cretin-Derham Hall High School located at the intersection of Hamline and Randolph in St. Paul. Park in the lot off Hamline near the athletic field.

Enter door 21 at the Ryan STEM Center addition. The meeting room is down the hallway on the right (the Commons). Door 21 will lock at 7:45; if you arrive after that, please call Br. Bob at 612-201-0818 to be let in.

Program

Our meetings are hybrid meetings. That means there will be an in-person meeting at Cretin-Derham Hall (CDH) and a meeting on Zoom for those unable to attend in person.

The program for our November meeting was not available at the time of publication.

Dale's Details November 2024

by Dale Maroushek NØPEY

I am back, but at a lower level than before. Thinking of the age of our Club, I am sure many of you have had some debilitating medical problem that leaves you at the mercy of medical devices and limited movement. Well, I had so much fun with the left rotator cuff repair back in 2020, I mistakenly screwed up my right one this time. I tracked it back to the June/July back fence removal project. I was consciously making sure I did not over stress the left arm, there by messing up my right. The fun part is, you don't even feel the problem for some weeks or even months after you do it. It is a slow reduction in the strength and motion in the arm. I think it was the corner post that did it, but they are all guilty.

I felt this arm problem earlier because I knew the pain and went to Summit Orthopedics and they physically confirmed it. Then we did the MRI so Dr. Anderson could see what we had. A very large and long detachment of the muscle/tendon bundle that connects to the sternum. Over 2 inches of misalignment, Doc said all he can do is try to fix it, it may not work. So far it appears to be working.

So, as in all sad stories, there is a scary part. Surgery was on September 16th, and I'm bundled in a sling and a 6 inch bumper to hold the arm away from my body. Only off when showering or doing very light PT. On the 26th, I awoke just in time to find myself falling out of bed, left side first. I used my left arm to stiff arm the floor and kicked with my right leg to flip big old me over so I would land on my back. It worked and the right arm was "shaken but not disturbed". Dexter, my PT guy and I talked about it and let the Doc team know. We all agreed that since I was progressing normally, I probably hadn't cased any new injury. The arm continues to get better and Sunday I could do all my PT without any sharp pains. I hope to get rid of the sling in early Nov.

To continue on the medical reports, I spotted a blurb in a Legion newsletter, that our past President Lou Michaels was injured and recovering from multiple medical maladies at a convalescent center over in New Hope. I gave him a call and he is progressing and should be home a couple weeks. He has had some bad things happening to him. But he wanted to make sure he paid his dues!

Since I haven't been able to participate in Club Activities, I will have to read the GW to get the reports from Scout day, VE sessions, breakfasts, CDH and estate work parties. The Auction is just 3 month out now, are you saving your money? With all the estates and donations we have already, it should be a wonderful sale!

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My tower and antenna projects are once again on hold, until next spring. I suppose some of the items could be done over winter in a warm garage and some refreshments. Maybe after the Auction. Of course, that left all the summer/winter change over stuff to do, and my wife Deb, now retired and needing something to do, has picked up the outside work beautifully. The sheds did not get replaced, so I'll be jamming everything I can back into them. She has the basement organized and clean too. Even planning to dispose of old garden chemicals. Yup, just about the time you think all is well, something else breaks.

October 18, after 6 p.m. The water heater must have cracked and sprung a leak, flooding the basement with say 20 gallons of water. It vacuumed up nicely and the Home Serve (Xcel) policy got us a technician to come out and confirm it, making sure the water and gas supplies had been turned off. Now, by contract with Xcel, that company cannot do the repair for 24 hours while Home Serve offers the job to other contractors the next morning. That being Saturday. I waited and finally called and it was explained to me, that the heater only had the repair side, not the replacement side of the contract. OK fine, it is 18 years old get me a new one and a plumber to install it, I will pay the price. No can do he says, and so did his supervisor. Not finding them helpful, I started calling other companies. Most did not have people to install until Monday. Finally, I called BonFe. You probably have seen their vehicles around town. Well they could get us a guy on Sunday. That's better than Monday so I booked it. Within the hour, I got a return call, they have a guy that can do it now. He arrives at 1530, removed the old one replacing any corroded or old valves. Then he had to go pick up the new one, brought it back, installed it and even found a gas leak I the dryer pipe. He had to go the Home Depot to get some parts to make that connection and was finished up about 2130. *I guess you could call that saving our lives. He got a very nice tip!*

Deb and I had talked about replacing the A/C this year after we had a freeze up this summer. Since we were impressed with the service, parts quality and pricing, we had them come out Monday and estimate replacing the A/C. Needless to say, we get that installed on the 24th. So the home improvements continue to hopefully add value to the homestead, so when we move out, it just might be worth a good chuck of money. Problem may be finding a buyer that wants a tower, or a big block of concrete in the corner.

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Not having enough to do over the summer with the new fence and all the crap that had to be moved to get it in, we decided to get a replacement cat. Of course, that turned out to be two cats. Brother and sister. Ellis and Emmy who were 5 weeks old and have been growing like crazy. The old Big Orange Louie, was chief of the house, but he welcomed them in and has been playing with them daily. We have the lazar things and the climber with scratch pads all over. They are finding places to sleep and of course, you shake the treat jar and they come runner. We usually have treat time between 10 and 12, then 3 and 4 just to keep them active, and that is when I get up to pee. All of them are house cats now, no more outside, too dangerous. With the morning flock of turkeys passing by and the deer going around the fence now, too lazy to jump it. We know we have coyotes and raccoons, but they stay hidden.

Programs, we need programs. If you can do one or know of someone that can, let us know. The MN Convention had a big bunch of them, but it is rather early to repeat them locally.

November meeting is always an interesting time for me. The 2nd is our anniversary. Believe it or not, 2024 will be 50 years with Deb, and she hasn't thrown me out. Can close a couple times, but I'd just go out and hurt myself so she had to take care of me. HIHi The oldest son, and family are taking us out to a Brazilian steak house, where they bring all the meats to your table and you eat until you can't. Should be fun.

Nets are over, arm is tired and needs attention. Almost bed time, so I'm calling it a report.

Dale Maroushek, NOPEY
President, again

Ramblings from the VP's Work Bench by Kevin Welna W5LNA

OMG its November??!!!! What the heck is going on!!!!!! I think its global warming\climate change causing the moths to pass so quickly. HI HI

Lets start with Ham Radio:

Its October 16 as I start writing this months article. Currently, I am waiting for the "Leak Finders" to come out and find\fix the leak(s) in my swimming pool. Until the leak(s) are patched, I can not close up the pool for winter and winter seems to be coming on way too fast this year. So its a race against time for me on this front.

Still have not dealt with the busted antenna on my roof. I finally got my ladder back so now at least either I or my son can go up there and retrieve it. Looks like I may be settling on a hex beam. They are fairly light and have minimal wind loading and they seem to work well. I already have to pull down one of the loops, so I will put up a Hexbeam in its place. I still need\want to reinforce the mounting on the roof for all my antennas. But first things first, let me get the fallen antenna down and figure out which one it is and repair anything that may be broken. If I get this all done and working this fall, I may have a loop antenna for sale? Although I will probably hang onto it as a back up should I fall prey yet again to the wind in the future.

I'm still not practicing CW like a should, but, thankfully I have a CW buddy in PA that I meet up with twice a month to get in a little practice. I have an excuse though! Since the antenna is down and I am not sure which one it is, I don't dare tune them up in case I damage the tuning box\electronics. Plus since MFJ is going away, I have no idea where to find parts should it break\die. With my luck, better safe than sorry is always the right action. I do still plan on taking the CW OPS 3rd class this winter\spring. I do like that you meet twice a week for this class. It is a definite motivator to get your practice in so you don't look like a fool in front of the other students.

Speaking of winter, that reminds me, winter is building season. That being said, have any of you thought of a ham radio project you would like to build\assemble? Many projects do not require soldering, board fabrication etc. Both my POTA \ portable field box \ computer (Using a Raspberry Pi) and my shack clock are essentially plug and play. Either one would make a good first\second project and would allow you to get your feet wet with some new-ish technology. Just a thought.... Contact me if you are interested.

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To that end, I am stocking up on parts and kits for the winter ahead. (Electronics, Model Aircraft, Pen Turning, 3D Printing etc.) As usual I have lots of ideas and wild hares that will need to be addressed. But first I have to motivate and get the house and antennas buttoned up for the weather ahead.

Lets talk about the MN North Star Convention. Where were you? Attendance was down a little bit from the previous year which is a sad turn of events. For those of you that went, Thank You for supporting the hobby and efforts by the group that put this on. It was still well attended, but it needs to grow in size a bit before we can attract vendors and big name speakers. On that note, you also missed my most excellent (Well I thought so anyway.) seminar on using a free piece of software to capture, design and manufacture you own circuit boards. I think\hope it was well received. At least no one left during the 2 hour demonstration\training. I do need to streamline it a bit and do a better job with the parts search, I will probably spend a day or two later this winter and tweak it in case I get called to present it at some future date either at a club meeting or at the convention. Although I think next year I may do one on simple Raspberry Pi projects for the shack. I have a few projects that I have successfully completed that I think may be of some interest to other Hams. Two of them do not even require any soldering. Plus, the software for each has already been written and is free for the downloading! Any one interested? Come to the convention next year and learn how to do this stuff!

On to my other obsessions. On the model plane front, I think I may finally have the both pod and boom gliders finished and ready to publish for others to build. One is the 2 Meter version with and without ailerons and the other is a small 40" version again with and without ailerons. Both fly very well and seem to be sturdy enough for a few hard landings. Next is to work up an article with pictures and then send it off to one of the RC flying magazines and try to get it published.

I am getting requests for laser cutting parts for some of my fellow RC plane club members so the laser is getting a workout these days as well. "Unfortunately", a little bit of the smoke from the burnt balsa escapes into the house and the smell causes my wife to also think up projects for the laser as well. I'll give you one guess as to who's requests take precedence! LOL

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I have been getting in a few flights on the planes and I am in the process of rebuilding a few planes that I inherited a few years ago from a fellow ham that was getting out of the hobby. They are beautiful and sleek classics from my earlier days in the hobby I am excited to get them back into the air next spring\summer. Currently, they are sitting on the pool table in the family room and irritating my wife....which is also kinda fun...LOL Once the are flight worthy, I will take a pictures and post them. (Hopefully flying!)

I still need to get the shack\hobby room cleaned up\out and rearranged so I can start playing with my other interests. Maybe after the first of the year? How can I be this busy if I'm retired?

On the D and D (Dungeons and Dragons) meets. We had our second encounter and it was a blast. I donated an older flat screen TV to the group so now we have a playing surface with projected maps that the dungeon master can create and we can place our figures on to keep track of where we are during the adventure. It is a great social game that gets me out of the house. If you are looking for something different, give it a try! Very low entry cost, easy to learn and it will spark your creative juices and gently exercise your brain. Plus it is an excuse to eat foods that are bad for you. (chips, beer etc)

I'm still looking at electric bicycles and stereo microscopes. One for health reasons and the other for actually seeing what I am soldering. (Maybe taking up engraving????) How about you? What are you going to do this winter? Ya can't just sit there and watch TV! Go through your garage\attic\closet. Pull out that thing you got. Pour yourself a cup of coffee\tea\pop and start playing with it! If its broke, get a new one. You have the time!!....OK fine, make the time and get to it. Your brain will start humming and spouse will thank you for getting out of their hair. Its a win win situation. Need help with ideas? I'm always here to offer up some.

OK, Its now October 19th and time for an update!

The pool leaks are fixed. (There were 10 of them....WOW! I have no idea how they got there.) By my calculations, we were loosing about 1000 gallons a day, I have no idea where it all went, but I am thankful my subsoil is mostly sand and drains rather quickly. Anyway, they are coming to close the pool on the October 24th . So we are having a family pool closing and final swim tomorrow, Sunday October 20th Is supposed to be 80 degrees and sunny. ONE LAST SWIM. I do believe my wife will be posting pictures on Facebook. Alas I am fighting a head cold so I may not be able to join them which is a bummer as I really want to try out my new Speedo swim suit.....OK, not to worry, I don't own a Speedo swim suit. I'm just messin' with ya.

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In the last 3 days I have come up with a number of additional wild hares. I am starting a 3D printed jet aircraft that uses a thing called a "Ducted Fan" to power the plane. A ducted fan is basically a High RPM electric motor (it spins up at about 60,000 – 80,000 rpm) with a 6 bladed 30mm fan enclosed in a venturi shaped tube. I will post pictures some initial pictures of the plane and the build now with more to follow next month. What can I say, the printers were idle and I can't have that.

Additionally, I am building a digital scale that will also calculate the center of gravity for my aircraft as well as its over all weight. Printed parts are done but I'm waiting for amazon the deliver the electronics. I think I may build 2, one for really light aircraft and another for heavier aircraft.

Finally, I read an article in the QRP Quarterly where the author describes hooking up 2 stepper motors in parallel. If you do this correctly, you can turn one motor by hand and the other will turn in sync with it with no added power just the pulses from one motor effecting the other! (Why? Think tuning a loop antenna out in the field without getting up and standing next to it which significantly effects its tuning.) Also thinking of trying to make a powered one that uses a raspberry pi and interfaces with a phone app to control the stepper motor. But that will require learning to program.....Hmmm.... that might be fun as well!

My God I'm going to be busy!!

With that said, I better get to work!

And now for something completely different, a few pics for your amusement:

Ham Clock Project – No Soldering!



Electronics bench is still trashed!



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A couple pictures of the 3D printed jet project:

Fuselage Parts ready for sanding and paint. Look Ma, no motor\propeller up front. The ducted fan is mounted inside to fuselage. I post a picture of the fan once I get it.



Wings and all! About 20 hours to print all the parts. Thankfully, no need to babysit. Just press go and come back a few hours later. This is a model of a DH-108 Swallow. The ruler is 15" long for a reference. It is basically a flying wing, there is no horizontal stabilizer or elevator. All control is via the wing "elevons".



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Here is another super simple project. Its a bench power supply that uses the power supply from an unused\older desk top computer. The only soldering you have to do, is solder the wires from the power supply to the banana jacks and fuse holders on the front panel. About 10 minutes. Each output is good for around 5 amps. The uppermost control is for the adjustable voltage output between 3 and 16 volts. It also measures current output of the adjustable voltage. Enclosure is 3D printed. BTW, I am willing to print you one for free. IF you first build the power supply.



P.S.

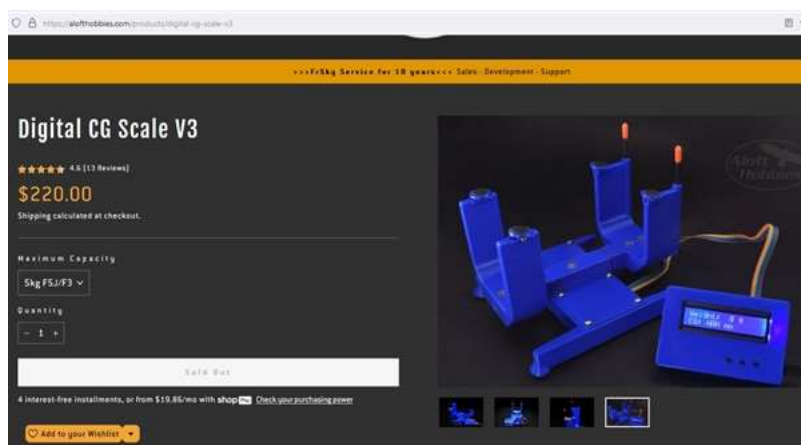
If you are going to start building or experimenting. This is the perfect first project. It has ample power and has all 3 of the main voltages used in today's electronics\micro-controllers and component boards. Total cost to build is about \$25-\$35. Yes you can use all 4 outputs at once.

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Finally, here is the pic of my Digital Scale\Center of Gravity calculator. This was a bit more expensive. Coming in at a whopping \$30 including all the electronics, battery, screws and filament for printing.



They sell the identical older version of this CG - Scale over \$200 at the hobby shop. Wow!



I hope this inspires you to try building or making something! You don't need a lot of tools or space. That's why they call it bread boarding, Start with something simple. Make due with what you have and watch for "deal – deals" online or at the ham gatherings. A ton of stuff can be had from china for next to nothing and the stuff usually works well! I know you have the time so get to it!

As always:

May your signals be strong and your antennas have extra gain.

73

Kevin - W5LNA

Pre-Winter Antenna Project

by Scott NOAR

I've been making changes to my all band dipole. It's now an end fed half wave NVIS antenna with the matching transformer mounted on top of one end of the support pipes. I have reduced the overall height of the antenna which improves the upward antenna radiation pattern, a "cloud burner"! With the solar flux being so high signals refracted close in on the lower bands can be extremely strong. Almost all of the NVIS action happens below 30 meters with 40 and 80 being the best daylight bands. For good local coverage a low height dipole is just the thing. Improved coverage out to 500 miles is normal. My antenna is located at the back property line, away from the QRN of the nearby houses.

The end fed transformer is a home brew unit. There's no magic to the design. Almost all the home-brew variations have just minor changes. If you are interested in building one and don't want the hassle of running down the parts I'd suggest you look at the ARRL kit. It is complete and will get you up and running quickly. The antenna wire mounting makes it a very flexible unit. Using a small gauge wire all but makes for an invisible installation, I use 17 gauge electric fence wire from Fleet Farm.



This was the first change.
The support pipe now folds over,
easy access to the transformer.

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There was plenty of yard space for a 40 meter version where the antenna is mounted. I even had enough extra to add on an extension and a loading coil for 80 meter operation. There are lots of YouTube videos on how to make the coil. The picture shows mine with black "Plastic Seal" sprayed on the magnetic wire. Sure made a nice shiny coil look rough after a few coats. I think that it will also get a good wrap of tape to keep it sealed from the weather.

Tuning up the antenna was a breeze. The VNA made it easy to adjust the wire length. I aimed for the low end of the bands and easily found it. If I don't wander too far from the sweet spots the rigs tuner isn't required.



Left: This is the home-brew end fed transformer mounted on the top of the pipe.

So far the antenna testing has been promising. Its not my first low dipole so there are no surprises with the exception that it seems to work pretty well on the AM Broadcast band. The local noise is less than from my other antennas. Makes for pleasant monitoring. More later.

Below: My 80 meter coil. I wound it on 2 inch PVC using 18 gauge wire. There is a 7 foot extension off the coil. It is how you adjust the 80 meter band coverage.



Oh, for Pete's Sake!!!

by Pete Guldan KDØSQJ

The fine folks in Newington are adding up those Mail-In ballots from Field Day and will publish the results in the December QST. That being the case my poor calculator has another few weeks of rest before I put it to the test of serious number crunching. This month I'm telling the story of how I got to be a Ham Radio Operator. Basically it's all Ron's fault. KØRJW (really juicy worms?) for many years has taken the lead on the GOTA tent during Field Day. When I drive my work truck I like something on the radio. I was listening to the "Tech Guy Show" and heard from some Bob and Gordo about Field Day and how it might be a crazy good time. I later looked it up on the interwebs and found out about this thing at Tartan Park and just showed up. There was this Ron guy setting up some stuff and took the time to show me what he was doing and answer all my dumb questions. Yes I had other hobbies, maybe not as many as Kevin. (Tuesday 8PM 146.850 Hobby ADHD Net) Because of you Ron I have another one and spent untold amounts of money on gear and stuff. Yep, all your fault. Congrats on the retirement and the FD Award. Have fun launching antennas into your trees at the new place in Michigan. If you buy a Scamp or other camper I know a good place for you to camp out June 27-29 2025. I will have a cold one with your name on it waiting for you at Benson's Airport. 73

From the Estate Recovery Team:

By Ralph Bierbaum NØAWN

I would like to personally thank our esteemed president, Dale Maroushek NØPEY, who even though laid up, coordinated this collection, interfacing with the family and getting it set up. Dan Meyer NØKFB for all of his, work with me, in collecting this estate, and, as always, our club lynch pin, Brother Bob, without whom almost nothing gets done, for helping us get it safely stored away.

I still need a "roof team" to remove the Hex Beam, aluminum roof tower and rotor so let's get this done for our SK's wife.



Respectfully submitted
Ralph DE NØAWN

September VE Report

by Steve Scott WA7HPK

I've now 2½ VE exam sessions under my belt (Ron Lundeen KØKWN ran the July session but I took the exam materials – and VE supplies home – to mail off to ARRL/VEC). On the plus side, we've yet had any candidate fail. No testing in August – club was dark that month. We had a single candidate in September for the tech exam and passed with ease. Congrats to Joe Carlson, call sign TBD. The July candidate was Glen Holmberg NØOYZ who upgraded to general. He had come in at our June session but did not have his 605 form with him but did return for the July session. Congrats to Glen.

October was the NorthStar State Convention and we saw 3 candidates. A 4th had originally committed then backed out. A man from Bethel passed both his tech and general exams (congrats Rich Orpen KFØRXX) then a Wisconsin candidate (Allen Kwiatkowski KD9BEX) and another from South Dakota (Vince Nesheim KCØMBB) both successfully upgraded from general to extra. Congrats to both.

I mailed all three packets to ARRL using the tyvek envelope and postage-paid address labels ARRL provides. I then monitor the FCC website to watch for the new grants/upgrades to show up. The July session got processed in less than 3 weeks. After 4 weeks of waiting for the September 14 candidate to show up, he wasn't there. I enclose a personal check for the VEC fees with the packet. When that clears my bank, I know they've processed the package. Neither of the latter two checks ever cleared so I called ARRL. They had no record of either the September or October submissions. She, (Stephanie W2MAU) said they've had issues with US mail but the packages usually do eventually show up. She suggested I utilize ARRL's VEC online submission feature. I wasn't familiar with that. Fortunately, I did scan everything prior to mailing them and had PDF images of the required documents. Uploading all documents online is absolutely the way to go moving forward. Nice we can get a new call sign in less than a week.

I uploaded the October session packet on Tuesday, the 15th and BOOM! All the new information showed up on the FCC database by Wednesday and by Thursday the QRZ page reflected the changes. I did make an error on the September online submission so resubmitted that on the 17th. Nothing. Appears the ARRL site is down today (the 22nd) and I've left messages for the VEC team. I've kept our candidate in the loop and (so far) he's been patient with us.

As of this writing, we have two candidates for the November 2 session @ Galilee, both for their technician.

Steve Scott WA7HPK

Saint Paul Radio Club Breakfast

Third Saturday of each month at 9:00 am



Denny's Restaurant
1664 University Ave. W.

One block West of Snelling Ave.
(Across from Ax Man)

Club Wearables

Many different items with the Saint Paul Radio Club logo may be ordered at: <https://www.hamthreads.com/> Dale spoke with the owner Diane and she assured him they still have our logo in three sizes, hat/chest/back, so you can have it positioned on your favorite item wherever you like. You can shop on line, pick the clothing piece you want, list the logo, name and callsign then pay. Sit back and it comes to your house. If you have questions, give them a call 817-602-1834

BoD Meeting Minutes – by Art Thell, NØIWQ

Saint Paul Radio Club
Hereinafter referred to as “SPRC”
Board Meeting Minutes
10-04-2024

Board members present: (If * or E or R)

Dale Maroushek (Pres.)-NØPEY *

Art Thell (Secy.)-NØIWQ *

Br. Bob Walsh-WCØJ *

Ralph Bierbaum-(P. Pres.)-NØAWN E

Kevin Welna (V. Pres.)-W5LNA *

George Power- (Treas.)-KØGCP *

Don Kelly-WA6ZMT E

Also present (If * or R):

Jay Maher-NJØM *

Pete Guldán-KDØSQJ *

Janet Bierbaum KDØBZZ

Andy Parent-KFØMJQ

Jeff Iverson-WB9DAN

John Crabtree-KCØG

Dawn Holmberg WX0Z

Doug Lueck KØDLX

Dan Meyer-NØKFB

Ben Otto-KEØRFZ

Steven Scott-WA7HPK

6:22 President, Dale called the meeting to order.

President: Call for added agenda items: _____

President:

Old Business:

Secretary's Report:

Move to accept 9/6/24 Minutes as published in the Ground Wave Art Second Kevin Passed

Treasurer's report: George

General Fund: \$4817.42, Repeater Fund: \$1011.61, Education Fund: \$1105.38,

Total Cash on Hand: \$6934.41.

So noted and filed: Secretary

CDH ARC Report: Br. Bob

Repeater Report: Dale: Working

Membership (2025) Report: Dale, 44 paid

Website report: (stpaulradioclub.org)

Works when using saintpaulradioclub.org

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VE Report: Testing at the MN Convention.10/5.
2025 schedule: 4/1, 5/2, 6/6.

Training Report: Pete
No classes scheduled.
Possible General in December or January. Extra in Spring

Special event?

New Business:

Club Breakfast: October 19 at 9:00 AM. (Normally third Saturday)
Place—Denny's at 1664 University Ave. W.—Across from the AxMan

Adjourn:
Move: Kevin Second: George Passed
7:00: Adjourn.

Membership Meeting Minutes – by Art Thell, NØIWQ

**Saint Paul Radio Club
Hereinafter referred to as “SPRC”
Member Meeting Minutes
10-04-2024**

7:32 Call to order by President Dale

28 Members present.

President call for other agenda items_____

Members self-introduced themselves all around.

Old Business:

Treasurer’s report: George

General Fund: \$4817.42, Repeater Fund: \$1011.61, Education Fund: \$1105.38,

Total Cash on Hand: \$6934.41.

Membership report, Dale: 50 paid

Repeater Report, Dale: Working

VE Report: Testing at the MN Convention.10/5.

2025 schedule: 4/1, 5/2, 6/6.

Training Report, Pete: None scheduled

Possible General in December or January; Extra in April

Open volunteer positions report:

Br. Bob needs help repairing the antenna at W0CDH October 17, 18, and possibly 19th.

The mast is tipped in preparation.

New Business:

Bert Hyman WØRSB has donated some nice equipment for the SPRC Auction.

Other operating events: (Need not be Board-initiated)

POTA? IOTA? DATT? Other?

Club Breakfast: Normally Third Saturday--- October 19 at 9:00 AM.

Place: Denny’s at 1664 University Ave. Across from the AxMan.

Adjourn: 8:00 Move: Keven 2nd: Pete

Program to follow: Our Compliments to N0KLC, Bob Parnell

SPRC Contact Information

President	Maroushek, Dale NØPEY	n0pey@comcast.net	651-238-5720
Vice President	Welna, Kevin W5LNA	kwelna@gmail.com	651-354-5515
Past President	Bierbaum, Ralph NØAWN	rwbierbaum@comcast.net	612-201-9510
Treasurer	Power, George KØGCP	georgecpower@gmail.com	651-233-3215
Secretary	Thell, Art NØIWQ	thellaj@comcast.net	651-492-0254
Member At-Large	Kelly, Don WA6ZMT	dk@donkelly.biz	651-276-4838
Member At-Large	Walsh, Bob WCØJ	brw.fsc@gmail.com	612-201-0818
Ground Wave Editor	Meyer, Daniel NØKFB	dan@meyer-family.net	763-238-8239

SPRC Calendar

Fri Nov 1 6PM SPRC Board meeting, Commons Meeting Room,
John R. Albers Center, Cretin-Derham Hall High School. *

Fri Nov 1 7PM Socializing followed by 7:30 PM SPRC Membership meeting.
Commons Meeting Room, John R. Albers Center, Cretin-Derham Hall High School.

Sat Nov 2 9:30 AM Amateur Radio testing administered by Saint Paul Radio Club
volunteer examiner team. Galilee Lutheran Church, 145 N McCarrons Blvd,
Roseville, MN. Reservations required; Contact Steve Scott WA7HPKN,
Telephone 651-503-7441 or e-mail pipemajor2@gmail.com

Sat Nov 16 9AM SPRC Breakfast. Denny's, 1664 University Ave, west of Snelling.

Fri Dec 6 6PM SPRC Board meeting, Commons Meeting Room,
John R. Albers Center, Cretin-Derham Hall High School. *

Fri Dec 6 7PM Socializing followed by 7:30 PM SPRC Membership meeting.
Commons Meeting Room, John R. Albers Center, Cretin-Derham Hall High School.

Sat Dec 7 9:30 AM Amateur Radio testing administered by the Saint Paul Radio Club
volunteer examiner team. Galilee Lutheran Church, 145 N McCarrons Blvd,
Roseville, MN. Reservations required; Contact Steve Scott WA7HPKN,
Telephone 651-503-7441 or e-mail pipemajor2@gmail.com

Sat Dec 21 9AM SPRC Breakfast. Denny's, 1664 University Ave, west of Snelling.

* - Depending on business to be considered, Board Meetings are sometimes held electronically.
Check with a Board member beforehand to confirm a meeting.

Zoom Meeting Information

Simply click the link below (or copy and paste link into your browser if that doesn't work) or for audio-only call in from any phone; dial 507-473-4847 and follow the prompts.

If you are not familiar with Zoom and would like to arrange to practice, text Don at (651) 276-4838 or email dk@donkelly.biz.

SPRC Monthly Meeting

Time: May 3rd, 2024 06:00 PM Central Time (US and Canada)

To Join the Zoom Meeting use **Meeting ID: 651 842 1000** and **Passcode: 6512764838**

Or this link:

<https://us02web.zoom.us/j/6518421000?pwd=djluU3dha0FBN1hERIRoUVA0RVNUQT09>

Or

<https://tinyurl.com/ys4efevx>

One-tap mobile:

+13462487799,,6518421000#,,, *6512764838# US

+12532050468,,6518421000#,,, *6512764838# US

For audio-only, dial 507-473-4847

To find other dial-in numbers, see: <https://us02web.zoom.us/j/kuWkJhGiz>