

 <p>www.arrl.org</p>		<p align="center">Saint Paul Radio Club Ground Wave</p> <p align="center"><i>Dan Meyer, NØKFB, Editor</i> <i>Dale Maroushek, NØPEY, Publisher</i> http://www.stpaulradioclub.org/</p>	<p align="center">KØAGF</p> <p align="center">Club Repeaters: 145.310 MHz, 442.450 MHz Both use a 114.8 Hz tone</p> <p align="center">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 OCTOBER 2025

Volume 85, Issue 8

NEXT MEETING: Friday October 3rd, 2025

- 6:00 PM Board Meeting (all are welcome to attend and observe)
- 7:00 PM Socializing and Refreshments
- 7:30 PM Membership Meeting Followed by Program

Entrance to CDH for our meeting

Meetings are held at Cretin-Derham Hall High School (CDH) 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 and a meeting on Zoom for those unable to attend in person. Zoom meeting information can be found on the last page of this newsletter.

The October program will be an introduction to the Minnesota Amateur Radio Consortium and its North Star Radio Convention and how SPRC members are helping make it happen.

Therefore, I would like to see or hear reports from the following:

Volunteer Examiners who will be running the test session. Steve Scott, the VEC is recovering from mouth surgery and will not be attending. I believe Ralph Bierbaum and Andy Parent are doing this job with other VE's.

Our recruiter, Andy Parent and Table display chair John Hines. We need to know what you have ready and what you need for a good Display.

Hopefully Don Kelly will be able to fill in any other information we need from his position inside the event.

The November meeting will be our first ZOOM only meeting, as CDH is not available for us. So pack your screens into the Deer hunting gear and spend the evening in your tree stand with us. The program will be a review of the North Star Radio Convention, and possible a choice of one of the programs from it.

Dale's Details

by Dale Maroushek NØPEY

Dales's Details Oct 2025

A busy month since last time, and a busier month to come. As you know, SPRC has been working closely with Mining Radio Club for almost 20 years now. We also have many duplicate members that have shared work details and Field Day during this time. When they lost their station in the 53 foot trailer out in Tartan Park, we packed up the contents and all the towers and antennas and temporarily stored them up in Isanti at Joe Showalter's (NØJOL, SK) farm. When the Isanti club sponsored a tailgate hamfest on October 13th, we had little time to pull it all out of storage and prepare it for the sale. The preparation went well with limited people (Thanks to ALL) and we sold a few buckets of stuff. Except for the antennas and towers all the rest is on a trailer in the metro and waiting for the next hamfest or our auction in January.

This brings us to the auction. I was volunteered into one donation pick up, and now it seems we have another one from Dan Dionne. I announced that I was no longer going to Chair the Auction, so someone needs to step up and wear the white hat this year. Four months until the Auction and probably two more SK donations plus the trailer full from MARC, this should be a big one.

Next details concern is the Brochure and the website. The Brochure needs updating and getting a new editor, as I have also dropped that job from my list. The web needs the right names and phone numbers of contacts and who to contact with questions.

Dale Maroushek NØPEY
President, again

Ramblings from the VP's Work Bench

by Kevin Welna W5LNA

It's been a busy month and not in a good way at times. As of writing this, the "new" RV is still not totally fixed--the wiper blades are still not functioning correctly and now the pool cover ropes are broken. Nor do I have my Hex Beam Antenna. I am a bit frustrated... On a more positive note, my CW "Instant Character Recognition" is improving. Unfortunately, with all the goings on around the Welna household, I never did get out to do a POTA activation...maybe next year? It is still on my bucket/to do list and sooner or later I will get this checked off the list. I think my CW skills are good enough to attempt this--or will be good enough after a few more months of practice over the winter. I am mostly trying to improve my head copying abilities. Another bright spot--I was able to make a contact via voice to Italy on 20 meters.

With regard to ham radio, I do not have much to report. I am still unable to reach the club's repeater and I believe this will be the case until I get up on the roof (actually it will be my son) and replace the Ed Fong antenna with a Yagi style antenna. The 20-10 meter loop antenna is working great, but once the Hex Beam goes up I will probably sell it and the 20-40 loop as well. Time will tell on these two antennas.

I am fully stocked up for electronics projects to build once the white fungus appears. Plus I have a couple of additional Arduino projects that are calling me... The electronics bench is mostly cleaned up and ready for some solder melting and I recently updated the software for capturing and designing circuit boards. I am ready!

With all the additional expenses and the purchase of a new (to me) RV, I do not think there is enough money left in the fun budget to hire a plumber to route a gas line to my glass torch so that project/hobby will probably be put on the back burner till this time next year.

I have been shooting steel challenges with both my center fire and rimfire guns the last couple months and while I am not any good, I do see a bit of improvement in my abilities. This is also coming to an end as we get closer to fall/winter. But this will give me time to go through the various firearms and get them ready and "tweaked up" for next year's competitions.

Our D and D group is having a good time once a month slaying zombies, orcs, and other evil creatures. I have no doubt that I will have to design at least one campaign this winter for which I have a few ideas and a trick or two up my sleeve to make it a fun encounter. Luckily, there is a piece of software that can be used to build these campaigns—it's on my computer for just such an endeavor.

While the RV is not 100%, we will be using it in for a couple of final camping trips later this fall. In addition, "She who must be obeyed" and I are thinking of a six-week road trip to warmer states in late winter, early spring. More on that in future writings.

(continued on next page)

I no longer have a moratorium on starting new airplane projects, but I have a number of started planes that need attention and need completion. Till that is done, I am trying not to not start anything new. Most of these are waiting till "fun" money frees up so parts and devices can be purchased for their completion. In addition, I am now in the process of culling some of the planes I now have, getting rid of duplicates and similar aircraft as they do take up a lot of room. Ultimately, I would like to get to a point where I have planes for all types of flying in all types of wind conditions. This will mean building a few more and getting rid of a couple. Once that is done, I will have no excuse for not flying and I can be a bit more selective on what I build next. I think, in time, I will have to do the same thing with my ham radio gear. More is not always better...kind of!

While perusing a model airplane magazine, I ran across an interesting idea for magnetic clamps for building stick and tissue models. These can be cut out of plywood with the laser and are significantly smaller and lighter than my 3D printed clamps I designed a few years ago. In some ways these are more versatile in their use. They are still in the refinement stage of design at this time. As I think about all of this, I think I will be sad when these hobby-specific periodicals die out due to the internet and a lack of interest by hobbyists. They are a great source of ideas, knowledge, and inspiration. It seems that the latest generation of possible hobbyists now have the attention span of a goldfish. This seems to be true in all hobbies--not just the ones I am interested in. I would encourage all of you to pick up or rekindle your interests in a hobby/discipline of your choosing. Maybe try something new or something that you have always wanted to try. We are not getting any younger!

OK I can't end this on a negative note so: I guess an upside to the colder weather is that once the leaves are down, I can go look for the glider that I lost in spring while slope soaring down by Red Wing...LOL. OK, it's kinda positive!

Until next time:

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

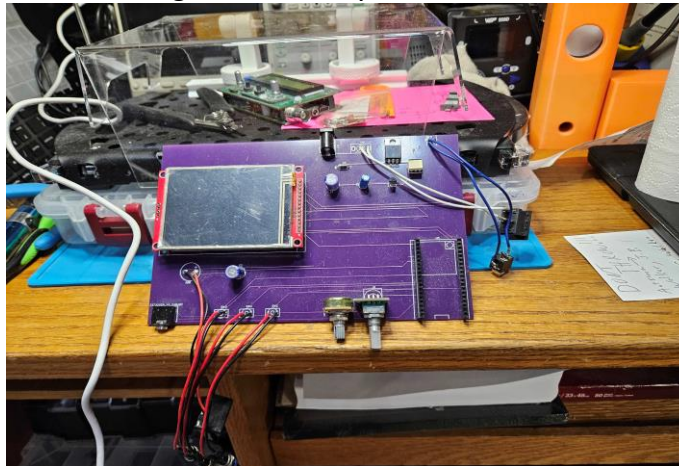
73

Kevin - W5LNA

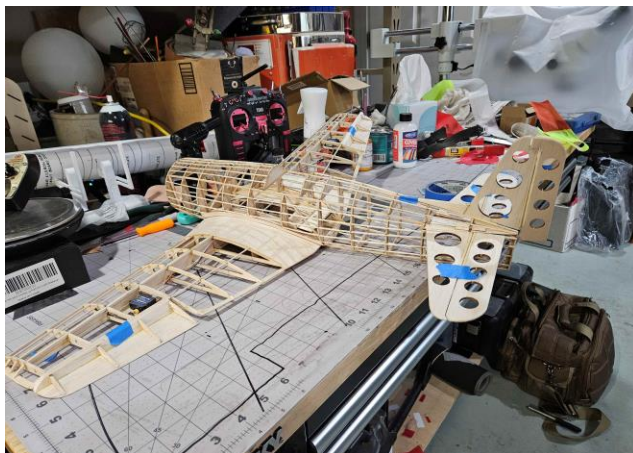
A few photographs of Kevin's projects are on the following pages.

Once again, a few pics for your entertainment.

Here is my programmable keyer. It's too big so I will redesign it this winter (About $\frac{1}{2}$ this size.), order new boards, and get it built. Any takers on one of the extra boards?



Here are a couple of pics of the F8F Bearcat. It is almost ready for covering and radio gear.



My latest glider for aero-tow and sloe soaring. It's just waiting for radio gear. It has an 8-foot wingspan.



Dielectric Grease

by Scott NOAR

Recently I was asked if I'd ever used dielectric grease and why. This is a special silicone-based grease that is clear and non-conductive. It is not a petroleum product. While it can be used in some lubrication applications, they are generally ones that might put grease next to food. Many items require the use of "food grade" grease. I used to use it in my honey extractor. Your Kitchen Aid mixer (and probably others) use it in the power head. Food grade grease is a must, just in case it should come in contact with food. Though it's a safer grease, I still wouldn't want to eat it. Now for the ham part. Dielectric grease works well on keeping water out of connectors. It is non-conductive and won't short things out. Many connectors have a rubber seal and this is ideal for assembling them. If you've ever had a spark plug boot stick on the plug you can appreciate how just a dab saves the day. Use it sparingly on threads and "o" rings in connectors. It's the perfect thing to coat that rubber waterproof gasket with. You can put it on the contact surface of connectors. The grease will be pushed away when you mate the connector. Remember that grease attracts dirt and dust so don't just blob it on. A light coating is generally the best way to apply it. The grease has a wide temperature range and is ideal for our seasons. You can find different sizes for various applications at most hardware/box stores.



VE Report

by Steve Scott WA7HPK

As some of you are aware, I was recently diagnosed with oral (tongue) cancer and just underwent a procedure and was released Thursday September 25th. While recovery prognosis is quite good, you'll not hear me on the air much until everything has a chance to heal up. I'll be involved with speech and recreational therapists to relearn basic things like eating and speaking and getting a full range of motion in my neck/shoulders back.

After the club's dark month of August, we resumed VE testing on September 6th and saw four candidates take and pass their technician exams. Please welcome Bruce Beck KFØVFK (Minneapolis); a youth member, Anders Coder-Carlson KFØVFG (Norwood Young America); John Hendrickson KFØVFQ (St. Paul), and Charles Kluxdal KFØVFN (Isle).

A bit of last minute scrambling due to my sudden (and hopefully temporary) exit of VE Liaison duties has seen Leon Dill WØCOE, certainly no stranger to the VE Liaison role, step up and volunteer to handle running the exams for the October 11 North Star Radio Convention at Hennepin Technical College in Brooklyn Park.

VEs assisting at the September session in Roseville were Gregory Merth KCØRET; Curtiss Trout ACØCT; Richard Weil KWØU; John Wilcox WØJTW and myself WA7HPK. Terry Londroche NØGOI was under the weather but came to open up and close the church.

Steve Scott
WA7HPK - pipemajor2@gmail.com

Public Service Events

By George Power KØGCP

If you have never participated in a public service event, please consider doing so. It helps to keep the participants and public safe, and it allows you to practice your amateur radio skills, have a lot of fun, and meet many like-minded people. Stay tuned!

DATES	Event
2025-10-05	Twin City Marathon https://tinyurl.com/tcsnan63
2025-10-11	Northstar Radio Convention https://northstarradio.org/
2025-10-11	Scenic Byway River Run Belle Plaine https://belleplainefestivals.org/event/scenic-byway-half-marathon/
2025-10-17/18	Mankato Marathon https://www.mankatomarathon.com/
2025-12-06	Nemadji Forest Rally Kerrick https://www.americanrallyassociation.org/nemadji-trail
2025-12-07	Arlington "Arlidazzle" https://www.arlidazzle.com/schedule/

Thank you very much for helping!

North Star Radio Convention



Join the North Star Radio Convention, the premier st Minnesota amateur radio enthusiasts. North Star is k speakers and workshops covering topics tailored to a experience, ensuring there's something for everyone old friends and make new ones among amateur radi across the region.

For tickets and more information, visit <https://northstarradioconvention.com>

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/> They 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 at 817-602-1834.

Saint Paul Radio Club
Hereinafter referred to as "SPRC"
Board Meeting Minutes
09-05-2025

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 *

Kevin Welna (V. Pres.)-W5LNA *

George Power- (Treas.)-KØGCP *

Don Kelly-WA6ZMT *

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 WXØZ *

Doug Lueck KØDLX

Dan Meyer-NØKFB

Ben Otto-KEØRFZ

Steven Scott-WA7HPK

6:05 President, Dale Call the meeting to order.

President: Call for added agenda items: _____

President: Presented a letter from ARRL thanking SPRC for the \$3000 contribution to the ARRL Spectrum Defense Fund garnered from the proceeds of the January Auction.

Old Business:

Secretary's Report:

Move to accept May Minutes as published in the Ground Wave, George Second, Kevin Passed

Treasurer's report: George

General Fund: \$5542.08, Repeater Fund: \$1321.09, Education Fund: \$1303.96,

Total Bank Cash on Hand: \$8167.13. Pay Pal Acct.: \$20.00

So noted and filed: Secretary

Treasurer reported that some bills totaling approx. \$1250 from Field Day incurred by Pete are still unpaid. In his absence, a motion was voiced by Kevin to ok reimbursement to him. Seconded by Don. Passed unanimously.

CDH ARC Report: Br. Bob:

November Meeting conflict with CDH. Dale: Defer to Member Meeting.

Repeater Report: Dale: Works

Membership Report: Dale, Approx. 20. First week of new fiscal year.

Website report: (stpaulradioclub.org): Works
(continued on next page)

VE Report:

Training Report: Pete: Tech., None scheduled. No training requests for Tech.
Intention is to conduct an Extra Class Upgrade class January to April.

New Business:

Reminder of November Elections, (2) At Large positions will be open.

Minnesota State ARRL Radio Convention. (See Member Meeting Minutes)

October 11, 2025. 8:00 AM to 4:00 PM. Location, Hennepin Technical College.

Discussion on SPRC contribution to that cause. Kevin moved for SPRC to contribute \$150, for Platinum Level sponsorship. Second by Br. Bob. Passed.

The founder of the digital ham radio archive, DLARC, invited SPRC to submit the Ground wave to their archive. Some discussion followed. George moved that SPRC upload copies of the Ground Wave to that entity for archive. Second by Don. Passed unanimously. George offered to contact Tom Bredemus regarding the SPRC archive of those past issues.

Club Breakfast: Sept. 20 at 9:00 AM. (Normally third Saturday)
Place—Denny's at 1664 University Ave. W.—Across from the AxMan

Adjourn:

Move: Art Second: George Passed

7:00: Adjourn.

**Saint Paul Radio Club
Hereinafter referred to as "SPRC"
Member Meeting Minutes
09-05-2025**

7:32 Call to order by President, Dale.

 25 Members present plus Remote.

President call for other agenda items_____

Old Business:

Treasurer's report: George

General Fund: \$5542.08, Repeater Fund: \$1321.09, Education Fund: \$1303.96,

Total Bank Cash on Hand: \$8167.13. Pay Pal Acct.: \$20.00

Membership report, Dale: Approximately 20.

One new member. Eloise, K0---

Repeater Report, Dale: Works

(continued on next page)

Conflict with SPRC meeting for November. Choices were 11/8, 11/14, none, or Zoom
Discussion followed and meetings will be the regular date, 11/7 on Zoom by poll and acclamation.

VE Report-Steve:
Scheduled for 9/6: (4)
Session for 10o/11, needs help.

Open volunteer positions report:

New Business:

Minnesota State ARRL Radio Convention. Minnesota Radio Consortium.
October 11, 2025. 8:00 AM to 4:00 PM. Location, Hennepin Technical College.
Admission: \$15.00 (Needed to attend swapfest)

Swapfest Table cost: Platinum sponsorship entitles SPRC to one table free.

A 6 ft. table is \$10.00.

Several may be combined for larger display.

Bring display in the PM before or between 6:00-8:00 on Saturday.

More:

Breakout sessions

License Exams

ARRL Forums

Opportunities for presenting a program

Door prizes

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

Club Breakfast: Normally Third Saturday---- Sept. 20 at 9:00 AM.

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

Move to Adjourn: Art, second: George.

Adjourn: 7:55

Program to follow:

SPRC Contact Information

President	Maroushek, Dale NØPEY	nøpey@comcast.net	651-238-5720
Vice President	Welna, Kevin W5LNA	kwelna@gmail.com	651-354-5515
Past President	Bierbaum, Ralph NØAWN	rwbielbaum@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 Oct 3 6PM SPRC Board meeting, Commons Meeting Room,
John R. Albers Center, Cretin-Derham Hall High School. *

Fri Oct 3 7PM Socializing followed by 7:30 PM SPRC Membership meeting.
Commons Meeting Room, John R. Albers Center, Cretin-Derham Hall High School.

Sat Oct 4 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 WA7HPK, Telephone 651-503-7441 or e-mail pipemajor2@gmail.com

Sat Oct 18 9AM SPRC Breakfast. Denny's, 1664 University Ave, west of Snelling.

Sat Nov 1 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 WA7HPK, Telephone 651-503-7441 or e-mail pipemajor2@gmail.com

Fri Nov 7 6PM SPRC Board meeting, Commons Meeting Room,
John R. Albers Center, Cretin-Derham Hall High School. *

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

Sat Nov 15 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

SPRC Monthly Meeting

Time: 1st Friday of the month, 6:00 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 and follow the prompts

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