

 <p>www.arrl.org</p>		<h2 style="text-align: center;">Saint Paul Radio Club Ground Wave</h2> <p style="text-align: center;"><i>Dan Meyer, NØKFB, Editor</i> <i>Dale Maroushek, NØPEY, Publisher</i> <a href="http://www.stpaulradioclub.org/">http://www.stpaulradioclub.org/</a></p>	<h3 style="text-align: center;">KØAGF</h3> <p>Club Repeaters: 145.310 MHz, 442.450 MHz Both use a 114.8 Hz tone 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**

<b>NEWS AND NOTES FOR December 2025</b>	<b>Volume 85, Issue 10</b>
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**NEXT MEETING: SPRC Holiday Party Friday December 5th, 2025**

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

It is time for the Annual SPRC Holiday Party! There won't be a program, just a short business meeting and then on to the food and hanging out with friends. The club will provide the usual meat and cheese tray with rolls for sandwiches. We'll also have a veggie platter and plenty of soda and coffee. Members usually bring in something to share but it isn't required. We always have quite a range of sweet to savory to sample. Hope to see you there working on comparative brownie research.

Jay Maher, Refreshments Chair

**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.

## **Dale's Details**

### **by Dale Maroushek NØPEY**

Dec 5<sup>th</sup>, 2025, will be the Clubs annual Holiday Party. The Club springs for meat, cheese and fruit(?) trays, plus all your Potluck donations. You will not go home hungry, but you will be happy. Short Board and Club business meetings will be at the regular 1800 and 1930 Hours.

The best and only news topic from me this month is that we have a volunteer Auction Chairperson! He is willing to offer his life that it will be bigger and better than ever. If this keeps up, we may have some other new people to count on too. Our new Chairperson is Tim Byrd, WD9IGX. You know him from the many programs he has given us over the years. Who can forget the edge of your chair trills and spills from his "Phase Locked Loop" show. We may have lost a few in the fog on that one, but no animals were injured during the presentation.

Interesting story about how I met Tim. In my early years of Tech Plus status, I was pounding (however slowly) brass on 40 meters looking for a WAS CW contact to score another state. Out of the ether comes the return call from WD9IGX! Probably a WI, but could be an IL or IN. It was worth listening to. Name is Tim, RST 599, running 50 watts from a Kenwood on a dipole, in ROSEVILLE, MN! So, my big DX was 15 miles as the RF flew, but we may have been working long path so mark it down.

The Auctioneer line up continues to gain helpers. Ralph and I will be up there selling with Bob and Ben. Pete and Mark will be the runners back to the famous table jockeys, George, Kevin and hopefully Evelyn. Ralph has changed the oil and filters in the network so that should be fine.

We are working on expanding the silent auction side but adding better control of it. The regular items once bid on and won will be moved to the rear tables and piles will be made for heavy bidder purchases. We are still refining this. Be prepared to expect some sort of verification of ownership as you leave the auction. And make sure you get everything your invoice says you bought!

So, expect to see the Auction flyer out soon after the meeting with some listing of gear that we have picked up from Estates or donations. Then be sure to make time to sort through your own shacks and find those things you haven't touched in years and get them on the block and into someone else's headache.

My XYL Deb will be riding herd on the snack bar again, hopefully her last time. She just has so much energy and needs an outlet. Up at 0530, feeding the cats, cleaning the kitchen, riding the vacuum cleaner or hosing down the latrines, she keeps the rest of the house in line. She even did most of the yard work this year, says she likes to be outside. That's what 49+ years at 3M will do to you.

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Lastly, we still need at least four more programs for the early months next year. The VNA program went well but would have been better in a classroom type setting, where you would be hands on with your own machine. I've been tinkering with mine and can get the results but still slow on the input.

That should take care of this month.

Dale Maroushek, NOPEY President again.

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

Well, I made it till November 19 wearing shorts. But now its time to switch to long pants. It is that time of year after all. Still it makes me sad to think it will be a good 5 months before the shorts will come out again. Such are the trials and tribulations of a Minnesotan.....don't cha know.

Thanksgiving is only a week away and then a week later (I think) its the Ham Club X-Mas party. I am looking forward to both. Once again we are hosting Thanksgiving and once again we are doing 2 turkeys. One is smoked and the other is baked. Both are around 20 pounds...yep lots of leftovers! (We send out meal packs with each of the attending families). Thanksgiving is my favorite holiday. Food. Family, Fights and Fun!! LOL Actually, no fights, my wife puts me on notice not to talk politics etc. (P.S. I still get in a couple digs though. I just can't help myself. Winding up a Millennial is SO EASY!) I think I'll consider that yet another hobby of mine ;-).

I believe that the fates have it in for me. Each year and I mean each and every year at the holidays, a major appliance breaks. This year is no exception. Our washing machine died. Well we thought it did anyway. So knowing this is the case with the way my life works, I first tried to fix it. But the problem continued. Off to Lowes we go and buy a new machine. They bring it in and haul away the old one. We plug it in, it works once and the same issue occurs..... They come out, 48 hours later and replace the machine – no charge. We plug it in and bam!! it fails as well. So not being the brightest bulb on the tree, I am dumbfounded and then the install tech suggests that I get an extension cord and try a different outlet. TA DA!!! It works just fine. So I replace the actual outlet for the washer and Bam!!! again it fails. So the issue must be in the wiring somewhere between the outlet and the breaker box. Time to call an electrician. Alas, had I tried the extension cord test in the beginning, I probably could have saved myself the price of a new washing machine. Such is my life HI HI.

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I also have a heads up for you if you are upgrading to windows 11. Once you do, all the "drivers" for programming your radios will not work assuming they (Your programming cables) are a few years old. It seems that windows 11 no longer supports the older drivers\chip sets. So you will need to buy new programming cables. Thank you Mr. Gates! (I hope he gets nothing but lumps of coal in his stocking this year). How did I find this out you ask? Well, I am one of a hand full of people that can not get into the St. Paul Radio Club Repeater. So recently I decided to "refresh\reset" my FTM 400 XDR radio back to factory settings and reprogram it with the RT Systems programming software. No mater what I tried I get a failure notice on radio. Back to the inter web and burrow down a couple of rabbit holes and there it is. The old Prolific chips and drivers are no longer supported on window 11. BUT! Thankfully, I can program a micro SD card and plug that in to update my radio. Take that Billy Gates! Unfortunately, after 6 hours of messing with computers and radios and software and cables etc. I am still unable to be heard by the St. Paul repeater. I am right back where I started. How does that saying go? If at first you don't succeed..... you are running about average! Ha!

On to happier stuff and successes!

The house is ready for winter. The outside water lines are blown clear and pool is winterized, the RV is winterized and back in storage. The furnace has a new filter and the garage will once again accommodate 3 vehicles. I think I'm ready for what comes next. Also the shack is fairly well cleared out and ready for winter time building of both model plane and Ham Radio projects. Oh! I was able to get the rolling cabinet moved up to the garage and I'm as close as I have ever been getting the lathe and pen turning supplies ready for yet another one of my past times.

Speaking of lathes, I ran across a small 3D printed 3 jaw lathe chuck. So I printed it out and built a small lathe for glass working. Yes its is made of plastic and the torch burns at about 1500-2000 degrees for glass working. But, I'm pretty sure that I can set up the lathe far enough away from the torch so that it won't melt..... I think..... Anyway, I found a stepper motor control board and a small stepper motor so I am able to slow down the lathe to 1 RPM but still have enough power to spin a mandrel or glass tube plus I can "step" the chuck in either. .6 or .8 degree rotations (As well as multiples of these steps) so I can place decorations on the glass in an evenly distributed manner. Yes this was not on my list of things to build, but alas it was yet another "shinny" distraction triggering my Hobby ADHD. And it works!! How cool is that?

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I have 4 balsa gliders cut out and ready for building plus a very kind gentleman donated some larger gliders to me that are in need of building\completion. One has an 11' wingspan its HUGE! I can't wait to finish it up and get it into the air. It looks like I may need to impose a projects moratorium on myself once again. But on the bright side I will be very busy once the snow flies and the cold sets in. I am quite OK with that!

Requests for cutting balsa "kits\parts" from the other glider guiders are trickling in so the laser should be getting a work out in the not so distant future. Plus I think we are going to do a club build of some sort this winter as well. I'll know in a week or two when I attend the next RC Glider Club meeting. Huh that reminds me, that I do have a couple RC Sailboats that I printed out last year that still need to be built as well.....

On the Ham radio front, I was finally able to get the Hex Beam antenna off the roof of a silent key and it is now in my garage. It needs a bit of TLC in that the spreader poles are a bit UV damaged and need a coat of primer and paint to stop the deterioration. Maybe just maybe it will be up and running by spring! It's definitely on my to do list for this winter.

I'm still making progress with my Morse Code and I am getting in some practice a couple times a week if not more. It does make me feel a bit more like a real ham being able to send and receive using this method\discipline.

I recently got my Raspberry Pi 5 back up and running with all the Ham Radio software installed and I hope to have it tied into my QRP Labs QMX so I can try to do digital Ham stuff if and when I ever find time to activate a park for POTA points. Although I question whether I am smart\talented enough to pull this off. In any case it will be fun to try.

So let me reiterate. Winter is coming and you need something to occupy your mind and hands when stuck inside. Brush off that hobby\interest\avocation\whatever, order in any needed supplies etc and get yourself ready for what is coming. Plus join me on the MARA repeater 146.850 on Tuesday nights at 8pm (Hobby ADHD Net) and let me know how its going!!! Inquiring minds want to know!!

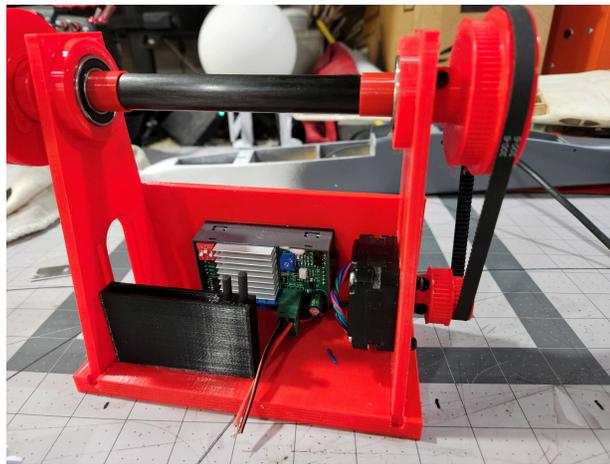
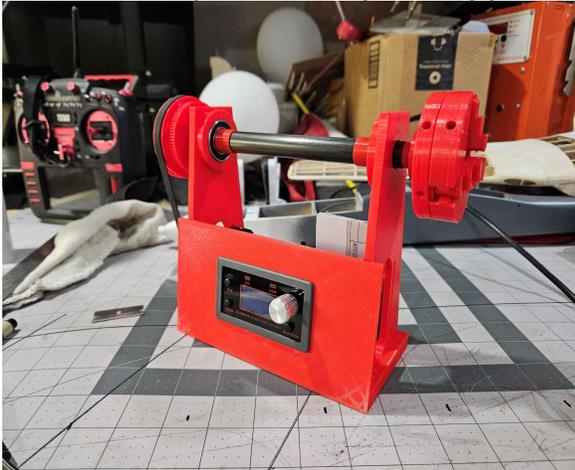
Till next time,  
May your signals be strong and your antennas have extra gain.

73

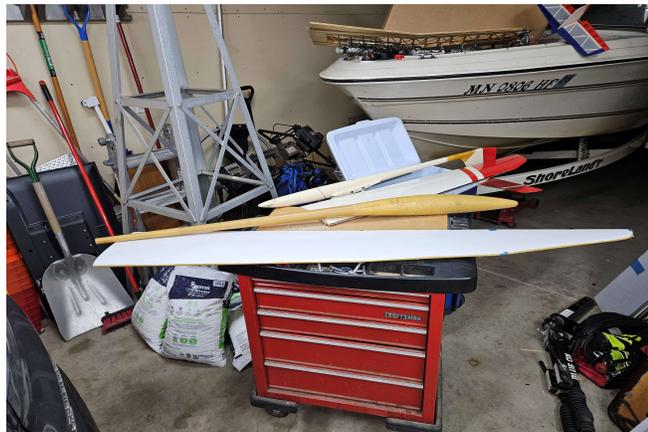
Kevin - W5LNA

*(A few photos from Kevin appear on the next few pages)*

Once again, a few pics for your entertainment.  
Glass Lathe powered by a stepper motor. Almost all the parts are 3D printed.



A couple of donated gliders: with +8' and 11" wing spans. Notice that the one the +8' has had a mishap that will need to be cleaned up. The other 11' has never been assembled. Its a monster!



Here is my tow plane it's call a Sagitta. Finished and ready for the skies? It's the runt of the litter at 90" wing span



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Here is the Raspberry Pi Ham Computer. I still need to install and get the NANO VNA Saver installed and working. But I am hopeful! The little black box with the blue light is the entire computer. The whole thing works off of a 12 volt battery and draws about 1.5 amps. The second pic is all the loaded Ham software.



A couple of 3D printed carts for an upcoming D&D event. Of course the small one is called a corpse wagon.....It is D&D after all.....2 are built and the third is a spare kit just in case we have extra bodies that will need hauling away.....They all still need paint and cleanup. Yes the wheels do turn.



## Easy Coverage Predictions by Scott NOAR

One of the cool websites for terrain mapping is: <http://heywhatsthat.com>. You enter in your location and the target location and it draws an elevation diagram of what is between the two points. This shows major terrain features that in our case could block our radio signals. It does not show building and trees or take those into the plots. It will give you a reference to big elevation changes that are along the path of interest.

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Here's what I see from my house in Vadnais Heights to the SPRC 145.31 repeater site off Maryland and 35E. Let's start by entering the Lat/Long. You can get these right from <http://qrz.com> and lookup your call sign. Under the details tab your location is given. Copy and Paste them into the form.

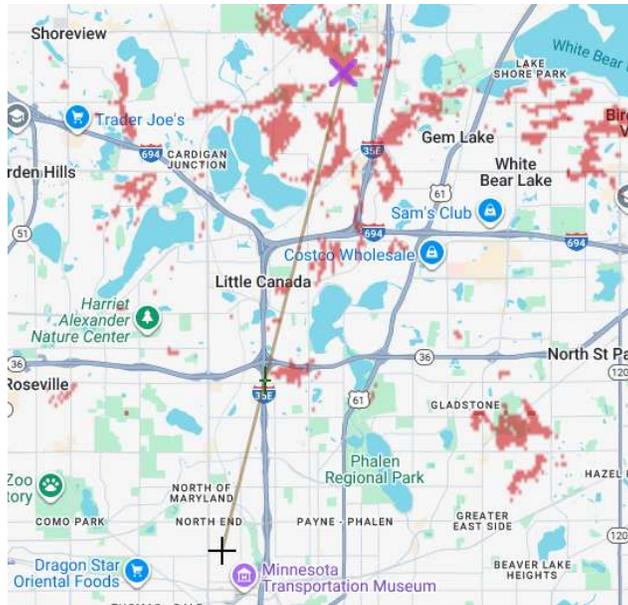
The screenshot shows the 'heywhatsthat' website interface. At the top, the logo 'heywhatsthat' is displayed with the tagline 'celebrating a lot more than ten'. Below the logo, there are navigation tabs: 'All panoramas' and 'View The View From Mount Battie'. The main content area is divided into four numbered steps:

- 1. Click on the map** (with a right-pointing arrow) or search for an address. A search box contains the example text 'e.g. 1600 pennsylvania ave, washington dc or main & elm, 04843'. A 'Find' button is below the search box.
- 2. You may want to move to the highest nearby spot to ensure a 360° view:** A dropdown menu is set to '100 feet' and a 'Move' button is below it.
- 3. Specify your elevation or leave blank for the default (6 feet above ground level):** An 'Elevation' input field is followed by 'feet' and two radio buttons: 'above ground' (selected) and 'above sea level'.
- 4. Enter a title:** A text input field contains 'NOAR Home Location'. Below it are 'Submit request' and 'Cancel' buttons. A note says 'Requests are taking about 2 minutes'.

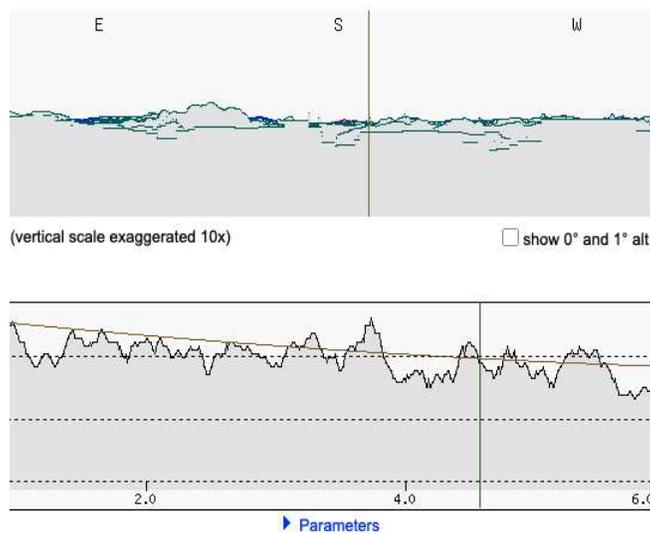
On the right side, a map is displayed with 'Map' and 'Sat' tabs. The map shows a street view of an area with labels for 'LETCHER', 'HAMEL', 'Wayzata', and 'Woodland Minn'. At the bottom of the map, the coordinates '45.070848 N 93.066' are shown, along with language options 'English' (selected) and 'Metric'.

I named my map, then clicked on the "submit the request" the program goes off and finds your location.

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Next you can select the target location that you'd like to plot to. In my case it's the repeater. Once you enter the location it takes a minute for the results to appear. Then you get the following plots of the terrain and what's along the chosen path.



The bottom plot of the terrain elevation shows the horizon at about 3 ¾ miles from my house. These are the hills just North of Hwy 36 that you can see as you go up 35E. Everything from my house is a gentle slope downward towards the Mississippi River. The repeater is very usable at my house with a low outside antenna or even from my car (sitting still) with ten watts and a quarter-wave antenna.

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This is a fun program to play with. Before we had huge data bases to allow us to store location information the only other method of looking at a plot like this was to make it from contour maps. If you want more there are free sites that will allow you to predict actual signal levels around your area. Services that need to know other items often link the program to special data bases. In the case of broadcasters, the population numbers are often important. Other common maps produced take into account not just the terrain but the power level, antenna pattern parameters, modulation, bandwidth and how much signal level you require.

Sometimes hills and obstructions just don't seem to matter with our signal getting through. Dense leaf cover can at times absorb RF at an amazing rate. Often the only meaningful path analysis is to monitor the station over a period of time.

We are fortunate that the Minnesota landscape is relatively flat. VHF/UHF coverage closely follows the optical "line of sight". While the radio horizon does extend a bit beyond this boundary, for the most part signals are at an extremely low level. In this case height does matter! A fun site for exploring antenna height vs. distance is at: <https://3roam.com/radio-horizon-calculator/> With this web site one can evaluate how raising your antenna would help extend your range.

So here's a question for you to ponder... If you had your HT with you on the moon could you talk further away than if you were on Earth?

73 Scott

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## Aurora Photos

### By Dawn Holmberg WX0Z

If you happened to turn your HF radio on the evening of November 11<sup>th</sup>, you would have found the bands dead. On the other hand, if you went outside you would have seen the Northern Lights.



These photos were taken at Ward Lake, between Andover and East Bethel, MN.

## Oh for Pete's Sake

by Pete Guldán kd0sqj

I just took my last load of leaves to the compost place and now the white fungus is among us. The colder weather is a good time to stay home in the shack and fire up the radio. It's also a great time to hit the books and upgrade to General or Extra. We can help you with that. Email me at [kd0sqj@arrl.net](mailto:kd0sqj@arrl.net) and you can get on the email list for the General or Extra Upgrade Study Group. We meet on Zoom(same login as the club meetings) 2PM Sunday starting December 7<sup>th</sup>. For the next 8 weeks It's the General. We will start an Extra Group in February. That takes about 12 weeks but so far it hasn't run it's full course because everyone passed before the last session. The Study Groups are free to join. We will use the ARRL study books so you will want to buy or borrow the current version. We will also be sending you the question list, YouTube videos, and other links each week to help you study and pass the test.

Did you see the December QST? The Field Day results are published and I will crunch some numbers for you next month. I'm waiting to peruse my actual paper copy. I got distracted in the online version on the page 64 article about Public Service featuring one of our own, Erik Westgard NY9D. We tried to schedule him to present at the November club meeting but he had a schedule conflict and we have his presentation to look forward to at a future club meeting. Way to go Erik! Nice article.

Listen for the W4P special event call sign on the air December 5-7. It's the 21<sup>st</sup> Amendment QSO Party. I'll tell you how it goes and more importantly how you can put together your own special event station.

73 Pete kd0sqj.

## 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
2025-12-06	<b>Nemadji Forest Rally</b> Kerrick <a href="https://www.americanrallyassociation.org/nemadji-trail">https://www.americanrallyassociation.org/nemadji-trail</a>
2025-12-07	<b>Arlington "Arlidazzle"</b> <a href="https://www.arlidazzle.com/schedule/">https://www.arlidazzle.com/schedule/</a>
2026-01-31	<b>SPRC auction</b>
2026-01-31	<b>Winter Field Day</b>
2026-01-31/2-1	<b>MN Loppet</b> <a href="https://runsignup.com/Race/MN/Minneapolis/CityofLakesLoppetWinterFestival">https://runsignup.com/Race/MN/Minneapolis/CityofLakesLoppetWinterFestival</a>
2026-04-10/11	<b>Zumbro Endurance Run</b> (100mi, 50mi, 34mi, 17mi) <a href="https://www.zumbroendurancerun.com/">https://www.zumbroendurancerun.com/</a>
2026-04-25	<b>TCM (Get in Gear) half marathon</b> <a href="https://www.tcmevents.org/allevtsandraces/getingear">https://www.tcmevents.org/allevtsandraces/getingear</a>
2026-05-02	<b>Waconia half-marathon</b> (formerly Walk-on-Waconia) <a href="https://www.lakewaconiahalfmarathon.com/">https://www.lakewaconiahalfmarathon.com/</a>
2026-05-03	<b>MS Twin Cities Walk</b> (Mpls) <a href="https://events.nationalmssociety.org/index.cfm?fuseaction=donorDrive.event&amp;eventID=2188">https://events.nationalmssociety.org/index.cfm?fuseaction=donorDrive.event&amp;eventID=2188</a>
2026-05-09	<b>MS Twin Cities Ride</b> (Mpls) <a href="https://events.nationalmssociety.org/index.cfm?fuseaction=donorDrive.event&amp;eventID=2077">https://events.nationalmssociety.org/index.cfm?fuseaction=donorDrive.event&amp;eventID=2077</a>
2026-05-16	<b>Superior Spring Trail Run</b> (50k,25k,12.5k) <a href="https://www.superiorspringtrailrace.com/">https://www.superiorspringtrailrace.com/</a>
2026-05-??	<b>Headwaters Road Rally</b> <a href="https://www.americanrallyassociation.org/headwaters">https://www.americanrallyassociation.org/headwaters</a>
2026-05-??	<b>Prairie Island Nuclear drill training</b> (ARES group) <a href="https://www.mnwashcoares.net/">https://www.mnwashcoares.net/</a> (see Events tab on the Washington County ARES web page)
2026-05-??	<b>Tour de Cure (ADA) ride</b> (Mpls) <a href="https://tour-diabetes.donordrive.com/index.cfm?">https://tour-diabetes.donordrive.com/index.cfm?</a>
2026-06-??	<b>Prairie Island Nuclear drill</b> (ARES group) <a href="https://www.mnwashcoares.net/">https://www.mnwashcoares.net/</a> (see Events tab on the Washington County ARES web page)
2026-06-13/14	<b>MS-150</b> <a href="https://events.nationalmssociety.org/index.cfm?">https://events.nationalmssociety.org/index.cfm?</a>
2026-06-??	<b>FreeBike bike ride</b> (aka MN Ironman) (Shakopee) <a href="https://thefreebike.org/">https://thefreebike.org/</a>
2026-06-27/28	<b>FIELD DAY (setup on the 26th)</b>

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- 2026-07-04      **Afton Trail Run** (Rocksteady Running) (50km, 25km)  
<https://www.aftontrailrun.com/>
- 2026-07-??      **Tour of Saints** ride (St. Joseph)  
<https://www.bikemn.org/all-events/tour-of-saints/>
- 2026-07-27/31      **MS-TRAM** (22-26)
- 2026-07-26      **Richfield Urban Wildland marathon**  
[https://www.richfieldmn.gov/around\\_town/wood\\_lake\\_nature\\_center/urban\\_wildland\\_half\\_marathon\\_and\\_5k/index.php](https://www.richfieldmn.gov/around_town/wood_lake_nature_center/urban_wildland_half_marathon_and_5k/index.php)
- 2026-08-??NR      **Tour de Tonka** (Orono)  
<https://www.minnetonkaschools.org/district/mcec/events/tour-de-tonka>
- 2026-08-7/??      **Gaylord Eggstravaganza**  
<https://www.exploreGaylord.org/chamber-of-commerce/eggstravaganza-2-2/>
- 2026-08-27/29      **Ojibwe Forests Rally** (Park Rapids)  
<https://www.americanrallyassociation.org/ojibwe>
- 2026-09-11/12      **Superior Fall Trail Race** (100mi,50mi, 26.2mi)  
<https://www.superiorfalltrailrace.com/>
- 2026-09-??      **River Falls Autumn Trek**  
<https://www.rivervalleytrails.org/autumn-trek/>
- 2026-10-04      **Twin City Marathon** (Mpls)  
<https://www.tcmevents.org/all-events-and-races/medtronic-twin-cities-marathon-weekend>
- 2026-10-??      **North Star Radio Convention**  
<https://northstarradio.org/>
- 2026-10-??      **Belle Plaine half-marathon**  
<https://belleplainefestivals.org/event/scenic-byway-half-marathon/>
- 2026-10-??/??      **Mankato Marathon**  
<https://www.mankatomarathon.com/>
- 2026-12-056      **Nemadji Forest Rally** (Kerrick)  
<https://www.americanrallyassociation.org/nemadji-trail>
- 2026-12-?      **Arlington "Arlidazzle"**  
<https://www.arlidazzle.com/schedule/>

Thank you very much for helping!

## **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.

### **For Sale**

I am offering my 4 year old Yaesu FT-991A 'shack in a box' for \$850. Current retail price for this unit is \$1300. Mine has never been outside. This is a Perfect rig for technicians up to extra. Fifty watts on VHF/UHF to reach out to those nets and will do 100W on HF. I have the latest firmware on it and it's all set up for FT8 and C4FM digital modes. Yes, I've even done VHF FT8 on this. OEM microphone, power cable, operator's manual included as is a new, unfolded Yaesu world map for that new shack. Will require a 20Ah to 30 Ah power supply and suitable antennae (has separate ports for 6M-VHF/UHF and HF). Contact Steve Scott WA7HPK 651-503-7441 or e-mail [pipemajor2@gmail.com](mailto:pipemajor2@gmail.com)

**Saint Paul Radio Club**  
**Hereinafter referred to as "SPRC"**  
**Board Meeting Minutes**  
**11-07-2025 (Virtual)**

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

Dale Maroushek (Pres.)-NØPEY *	Kevin Welna (V. Pres.)-W5LNA *
Art Thell (Secy.)-NØIWQ *	George Power- (Treas.)-KØGCP *
Br. Bob Walsh-WCØJ *	Don Kelly-WA6ZMT *
Ralph Bierbaum-(P. Pres.)-NØAWN *	

Also present (If \* or R):

Jay Maher-NJØM	Jeff Iverson-WB9DAN	Dan Meyer-NØKFB
Pete Guldán-KDØSQJ	John Crabtree-KCØG	Ben Otto-KEØRFZ
Janet Bierbaum KDØBZZ	Dawn Holmberg WXØZ	Steven Scott-WA7HPK
Andy Parent-KFØMJQ	Doug Lueck KØDLX	

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**6:03 Pres. Dale Maroushek** called the meeting to order.

President: Call for added agenda items: None.

State convention was successful. Club gained 1 new and 1 renewed member.

St. Cloud Radio Club extended their thanks re the WØKMR radio gear auction.

**Old Business:**

Secretary's Report:

Move to accept Minutes as published in the Ground Wave: Kevin Second: Ralph Passed

Treasurer's report: George

General Fund: \$5511.49, Repeater Fund: \$1371.09, Education Fund: \$931.06

Total Bank Cash on Hand: \$7813.64. Pay Pal Acct.: 0.00

So noted and filed: Secretary

Dale: Christmas/Holiday Party, Dec. 5 in the CDH Commons following a (brief) Board Meeting..  
Potluck, Same format as last year. (Jay NJØM)

CDH ARC Report: Br. Bob

Event on campus.

Repeater Report: Dale:

They're there & working

Membership Report: Dale,

60 to date

Website report: (stpaulradioclub.org)

No changes. Works.

*(continued on next page)*

VE Report:  
No testing scheduled this month.

Training Report: Pete  
See Member Minutes for full detail.

Dale:  
November elections. Two at-large positions are open at this time.  
Dale: Br. Bob and Don have indicated they remain as candidates.

Auction: January 24, 2026  
Need a Chairperson or coordinator.  
We have auctioneers and runners.  
George inquired as to how many tickets will be required.  
Dale replied: Go with 400, same as last year.  
Some discussion around changes in format incl. active/silent. No changes.

Ralph reported that the SPRC Brochure is not done. Kevin noted that it is okay, just waiting until after the election to finalize.

**New Business:**

Special Event (Pete) KD0SQJ: Dec. 7, W4P at Isanti.

**Club Breakfast:** November 15 at 9:00 AM. (Normally third Saturday)  
Place—Denny’s at 1664 University Ave. W.—Across from the Ax Man

Adjourn:  
Move: Art                      Second: Kevin                      Passed

**6:50: Adjourn.**

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**Saint Paul Radio Club  
Hereinafter referred to as “SPRC”  
Member Meeting Minutes  
11-7-2025 (Virtual)**

**7:30 Call to order** by Pres. Dale

25 Members present- Remote.

President call for other agenda items—None.

**Old Business:**

Treasurer’s Report,  
General Fund: \$5511.49, Repeater Fund: \$1371.09, Education Fund: \$931.06  
Total Bank Cash on Hand: \$7813.64. Pay Pal Acct.: 0.00  
So noted and filed: Secretary

*(continued on next page)*

Membership report, Dale: 60.

Repeater Report, Dale: Both working

VE Report: No testing scheduled this month.

Training Report, Pete:

General Class start Dec. 7, 2:00 PM Online, 8 weeks. (2) current students.

Extra Class begin on Feb.1. Duration 12 weeks.

Election:

Pres. Called for nominations from the floor. Hearing none.

Pres. Identified Br. Bob and Don Kelly as self-nominations and called for vote.

Carried. No nays.

Auction: January 24, 2026

Need Chairperson or coordinator. Need a volunteer for coordinator. No response.

We have volunteers for other positions.

Christmas/Holiday Party, Dec. 5 in the CDH Commons following a (brief) Board Meeting..

Potluck, Same format as last year. (Jay NJOM)

Field Day:

Open volunteer positions report: Need volunteers to help the club function.

Reminder: Other four Board positions will be open in May, 2026.

Field Day:

The Field Day trailer which ownership is in 3 shares. One of the 3 gentlemen would like to sell his share. Any takers? Nice trailer.

**New Business:**

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

Special Event, W4P on Dec. 7 from Isanti. Celebrating the 21<sup>st</sup> amendment.

Compliments Pete KDOSQJ.

**Club Breakfast:** Normally Third Saturday---- November 15 at 9:00 AM.

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

Good turnout last month.

**Adjourn:**

Motion: Art Second: George Passed

**Adjourn: 7:45**

**Program to follow:**

## SPRC Contact Information

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

## SPRC Calendar

- Fri Dec 5 6PM SPRC Board meeting, Commons Meeting Room, John R. Albers Center, Cretin-Derham Hall High School. \*
- Fri Dec 5 7PM Membership meeting followed by Holiday Party Commons Mtg Rm, John R. Albers Center, Cretin-Derham Hall High School.
- Sat Dec 6 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](mailto:pipemajor2@gmail.com)
- Sat Dec 20 9AM SPRC Breakfast. Denny's, 1664 University Ave, west of Snelling.
- Fri Jan 2 6PM SPRC Board meeting, Commons Meeting Room, John R. Albers Center, Cretin-Derham Hall High School. \*
- Fri Jan 2 7PM Membership meeting followed by Holiday Party Commons Mtg Rm, John R. Albers Center, Cretin-Derham Hall High School.
- Sat Jan 3 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](mailto:pipemajor2@gmail.com)
- Sat Dec 20 9AM SPRC Breakfast. Denny's, 1664 University Ave, west of Snelling.
- Sat Jan 31 8:30 AM – Noonish. SPRC Auction. Commons Mtg Room, John R. Albers Center, Cretin-Derham Hall High School.

\* 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

**There will be no Zoom meeting in December. See you in person!**

When there is a Zoom meeting, here are the credentials:

SPRC Monthly Meeting

Time: 1<sup>st</sup> 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>