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# St. Paul Radio Club Ground Wave

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KØAGF

www.stpaulradioclub.org  
Club Repeater: 145.310 MHz  
PO Box 9375  
North St. Paul, MN 55109

## NEWS AND NOTES FOR DECEMBER 2011 — Volume 71, Issue 12

### DECEMBER MEMBERSHIP MEETING

December 2, 2011

UST MHC 155

7:00 PM

Dan Fish

Dan and Maline Fish are the owners of Radio City since 1982. The Ham Radio division was created in 1986 and has grown since. Dan had been licensed since 1973 and currently holds an Extra class ticket. The store's current location was established in 1990.

The Hobby has been in existence since the 1920's and has been a contributor to the advancement of communication breakthroughs. Economic times place stress on society, and Ham Radio is no exception. The social nature of the hobby is particularly stressed with a balance of low-priced supply, technical networking as we all work to keep our hobby healthy in the face of web store competitors, direct China suppliers, tweeting, texting and shrinkage of print media.

The University of St. Thomas (UST) is located at the intersection of Cretin & Summit Avenues, about 1 mile south of the Cretin Exit on I-94 in St. Paul. In general, on-campus parking restrictions are not enforced after 6:00 PM on Fridays, but do not park in spots with parking meters unless paying or displaying a handicapped placard.

For detailed maps, see [www.stthomas.edu/campusmaps](http://www.stthomas.edu/campusmaps).  
MHC: Murray-Herrick Campus Center  
OSS: O'Shaughnessy Science Hall  
Please contact Kim Schumann in Disability Services at 651-962-6315 or [kjschumann@stthomas.edu](mailto:kjschumann@stthomas.edu) for any accessibility requests.

### Holiday Meeting Potluck/Party

We will have our Annual Holiday Party in association with the December Membership Meeting on December 2<sup>nd</sup> at 7:00 PM. The club will provide coffee, soda and cider along with trays of fruit and sandwich fixings (meat and cheese). Members are encouraged to bring treats or simple entrees to add to the table. There will be a program on the state of ham radio and plenty of conversation. This event is always a lot of fun so be sure to make it this year.



### Special Event at the Train Museum Orcy Lyle, WØQT

The St. Paul Radio Club Special Event, on November 5<sup>th</sup>, at the Minnesota Transportation Museum / Jackson Street Roundhouse was successful and fun! 30 SPRC members socialized, operated, ate, helped with setup and takedown, and/or utilized our free admission to the museum and train yards. Including members, visitors from other clubs and family members, our total population at the event was 40 ham-related people. In addition, groups of people from the general public swarmed in every now and then to look around.

We operated from inside an 80 ft. "triple combine," an old wooden RR

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### Dale's Details by NØPEY

What a busy November--hope you all enjoyed it as much as I did. Saturday after the meeting, our VE team was busy testing and passing new Hams. I think Leon said seven new ones. The Special event at the Train Museum was a hit, well attended and very interesting with many visitors—see Orcy's article. We all says thank you for putting it all together.

Then the new Board members, John Faughn and George Power, jumped right into becoming a part of the leadership crew. Some new ideas and new methods surfaced at the Board meeting. Let's keep the ball rolling and find a couple more new members to step up at the May elections. The fresh enthusiasm will ensure the continued forward growth of the Club.

The December Holiday Party will happen this year, weather be damned. The Club will furnish the usual meat, cheese rolls and fruit, plus coffee pop and cider. All members are invited to bring anything they would like to share. Surprise us with your creativity! Dan Fish, from Radio City, will be the speaker, and I'll dream up some other surprises for us too. I'm still working on a program for the January 6<sup>th</sup>, 2012 meeting, but we do have the Auction nailed down for Saturday, January 28<sup>th</sup>. Now that most of us know how to get to the North St. Paul Community Center at 2290 1<sup>st</sup> St. North, 55109, we should have a good crowd. We will have the same combination of live and silent sales available--your choice of how you want your items sold. Refreshments will also be ready--coffee and pop, hot dogs and chips as usual. Plus Lisa's bars and Mandy's cupcakes--just like Field Day! The profits, after expenses, go to the ARRL Spectrum Defense Fund as usual. I'll have a teaser list of items that I have amassed from donations and estates at the meeting.

New This Year: to save time getting people checked in, you will be able to obtain your Bidder number and take out the blue lot numbers for your items at both the December and January meetings. Thereby being able to walk right in and put your items on display that morning. The doors don't open until 0830, the Auction will start at 0930, the silent section closes at 1130 and we are all out by 1300.

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ARRL FD results show our site scored in 25<sup>th</sup> place in 2A category, but it's not a contest and we sure had a lot of fun out there! Contesting opportunities with the Mining Club Station are coming up for the ARRL 10 Meter and the CQ 160 Meter CW and Phone events.

### St. Paul Radio Club

#### Wearables Sale

See the B&B Embroidery ad, below, for their Fall Giveaway special.

The SPRC Wearables color is navy, except for the chambray shirts.

Contact Orcy with any Wearables questions.



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## B&B EMBROIDERY CLUB BONUS FALL GIVEAWAY

**AS A VALUED CLUB CUSTOMER**

**PLACE AN ORDER FOR ANY 2 ITEMS**

**AND WE WILL GIVE YOU A**

**FREE AMATEUR RADIO HAT OR TEE SHIRT!!**

**ORDER FROM OUR WEBSITE AT [WWW.HAMTHREADS.COM](http://WWW.HAMTHREADS.COM)**

**OR CALL DIRECT AT 817 471 4488**

**FREE HAT INCLUDES NAME, CALL, AND ONE LOGO OF YOUR CHOICE**

**FREE TEE INCLUDES ONE LOGO AND CALLSIGN**

**LOGO CAN BE YOUR CLUB LOGO OR ANY LOGO  
FROM OUR WEBSITE**

## FREE SHIPPING

**OFFER GOOD UNTIL DECEMBER 31, 2011**

car which once carried passengers (in the front one-third of the car, which has windows), baggage and freight (middle one-third), and a rolling Post Office (rear one-third). The Museum has fixed the car up to be a future art gallery, with climate control, lighting, and electrical outlets, which made it comfortable and the right size for our endeavor.

151 contacts were made, including 10 on 2m. We had pileups. 20m was the hot HF band, even within Minnesota. The SARA Special Event made contact with us on 20m, from Split Rock State Park on the North Shore of Lake Superior. No contacts were reported on 10, 15, 40, or 80m.

Contact was made with 36 states and 2 provinces. Every section of the contiguous 48 states was represented by at least some states. With no 40m and 80m, there were no contacts with the states surrounding Minnesota.

The antenna used was a B&W Model 370-11, 110 ft. 5-band wire dipole, which I recently bought. It is too big for my yard, but a good size for a Special Event. It was held up by military masts, 25+ ft. high, provided by Allan, WØNLY. These masts were put together with a tripod holder, using two mast sections per tripod leg. The outstanding feature of the masts was that the mast sections could be threaded in from underneath the tripod until the desired height was reached, which is an easy way to put up

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a mast. Allan also brought endless amounts of rope and coax for the antenna work. An unused sliding door near our KØAGF Special Event station happened to have a hole in the bottom



edge, just the right size for running in a coax.

The food was great. Dale, NØPEY, brought chili, as well as chips, beverages, and other items. Joe, KDØJCC, brought stew. The station, including the antenna, was set up the afternoon before the Special Event, by Allan, WØNLY; Steve, AAØP; Clarence, K9ELX; George, KØGCP; Ted, KDØNPJ; Orcy, WØQT; and Jack, a former ham, who was the museum liaison in planning the Special Event. Takedown after the event was mostly done by these members also.

I thank everyone who helped make the Special Event a success. Club members were wonderful in their contributions and cooperation. We now know that we can do a successful off-site Special Event and that members are interested, including a number of newer members. We have established a protocol for off-site Special Events. Other SPRC members are encouraged to volunteer to be coordinator for future Special Events. Anyone who volunteers to do this will receive consultation and assistance. You can pick the site elsewhere or use the Train Museum again; the Train Museum would like us to return. We could even do a Special Event from a moving train, on one of their trains which run near the border of Minnesota and Wisconsin. Think about coordinating a future Special Event.

## Equipment for Sale

The Brainerd Area Amateur Radio Club (BAARC) is selling the equipment listed below. (The B&W 370-11 110 ft. dipole, which SPRC used for our recent Special Event, was bought from this pool of equipment. Orcy, WØQT, paid \$15 for it but had to fix it).

Lyle Amundson, KØLFV, is coordinating the sale of the equipment offered for sale by BAARC and by some of their Members. The list includes donated, estate and personal items.

If you are interested in an item, please contact Lyle at 218 765-3100, or [lmamundson@gmail.com](mailto:lmamundson@gmail.com) for details and pricing. Please include your callsign with your request. *Serious Inquires Only Please.*

Lyle checks the equipment to see if it works or if it is intact.

ICOM IC-706 MKIIG HF thru UHF All Mode Transceiver

ICOM IC-746 PRO HF thru VHF All Mode Transceiver

YAESU FT-1000MP HF All Mode Transceiver

YAESU FT-950 All Mode Transceiver

Kenwood TS-450SAT All Mode Transceiver

Kenwood TS-440S All Mode Transceiver

YAESU FT-1802 2M FM Transceiver

YAESU FT-1900 2M FM Transceiver

ALINCO DJ-180T 2M FM Handheld  
Number of CB AM Mobile & Base Transceivers (Project Items)

GSC Model 20PR 20 Amp 12 VDC Regulated Power Supply

YAESU SP-8 Filtered Station Speaker

YAESU SP-101PB Landline Station Speaker/Phone Patch

Kenwood SP-430 Station Speaker

Kenwood HC-10 World Clock  
(Repairable)

Palomar PF-300 Audio Filter

TenTec MW-6 RTTY Unit

YAESU MD-100 a8x Desk Microphone

Asiatic D-104 Silver Eagle Microphone

Miscellaneous Handheld Microphones  
MFJ-962 Versa Tuner III 1.5 KW Antenna Tuner

MFJ-259 SWR Antenna Analyzer

HF Dummy Load (oil filled quart size can)

MFJ-812B VHF SWR/Watt Meter

Midland 23-126 SWR Power Meter

MFJ-704 Low Pass Filter

MFJ-1702B 2 Position Antenna Switch

B&W 593 3 Position Antenna Switch

Pro Balun 4:1 Antenna Balun

MFJ-484 Memory Keyer

Bencher Iambic CW Key (chrome finish)

Nye Viking Master CW Key Model 330-001

Generic J-38 Type Manual CW Key

B&W BWD-90N Folded All Band Dipole

Hy-Gain Explorer 14 3 Element Tri-Band Beam

Hy-Gain QK-710 40M Add On Kit

Cushcraft A4S 4 Element Tri-Band Beam

CDE Ham III Antenna Rotor with Control Box (8 Wire)

Complete 60 Ft Tilt-Over Tower with Rotor, 4 El HF Beam, VHF Vertical & Coax

### Classified Ads

Have something of interest to your fellow hams? Highlight it in the Ground Wave for free.

## CONTINUING THE SPRC MINI - HAMFEST

We'll continue to offer a "mini-hamfest" to the amateur community during our social meeting time from 7:00 to 7:30 PM. This will not be the place to bring in tons of boat anchors or thousands of parts and magazines, but if you have one or two things you would like to sell, this may be the place for you.

The rules are simple:

There is no fee for selling or buying – this is a service to the amateur community.

Each seller will be allowed a maximum of two linear feet of table space.

There will be absolutely no selling during the program or business meeting.

If your item does not sell, you are welcome to donate it as a door prize.

If your item does not sell and no one wants it as a door prize, you are obligated to take it home with you (it is now illegal in Minnesota to put electronic equipment in the trash – it must be recycled properly – which often means you must pay someone to do it).

## Classes may be offered through St. Paul Community Education

The Club's licensing classes may be offered through St. Paul Community Education next fall "if our proposal is accepted," said Allan Klein, Education Chair. The Club has submitted a proposal to offer the Technician class in the fall of '12 and the General class in the spring of '13.

The connection with St. Paul Community Ed was prompted by very small class enrollments over the past few years. "We tried to think of creative ways to advertise our classes, but we just didn't draw many students," Klein said. "I was always envious of the Community Ed booklet that got delivered to every house in the City. If we could get our classes into that book, we'd have plenty of students."

The Club is in the process of finalizing an application for including the fall Technician class in the booklet, and is hoping for a positive decision from the school officials.

Stay tuned!

## Membership Meeting November 4, 2011

A meeting of the St. Paul Radio Club membership was called to order on November 4, 2011, at 7:35 PM by President Dale Maroushek, NØPEY. Signed in on Members sheet: 37 Signed in on Guests sheet: 3 We began the meeting by going around the room and introducing ourselves. Field Day: Congratulations TCFMC for placing first in the Dakota Division. We placed twenty-fifth overall and second in Minnesota in Division 2A, behind the Minnesota Wireless Association. We have had an inquiry for help with using Radio Control on amateur frequencies.

An amateur in Little Canada is looking for help with operating in antenna-restricted building--referred to Elmer group. Tom Steele, Treasurer of the local chapter of the QCWA, who last month spoke of his group's using our repeater (145.31 MHz) for a daily roundtable net announced that it has moved from 4:30 PM to 5:00 PM. All are welcome to join in.

Mark Linafelter, NL7AS, described custom photo calendars he has created. There wasn't much interest in a club calendar, but interested individuals are encouraged to contact him.

Orcy Lyle, WØQT, discussed preparation for tomorrow's special event station at the Transportation Museum. Seven amateurs helped set up the antenna today. There is still a need for operators in a few slots. There will be socialization, food, and free admission to the museum for all who stop by. Local talk-in and check in will be on the Mining repeater, 147.12.

Our December meeting will be our holiday party and feature Dan Fish of Radio City discussing the latest trends in radio gear.

The January Auction will be on the 28<sup>th</sup> at the North St. Paul Community Center, same as last year.

An election was held for two at-large Board members. There were three candidates: George Power, KØGCP, John Faughn, KDØCAC, and Ben Premack, KDØETO, were nominated. Paper ballots were distributed and in a very close race George and John were declared the winners. Ben was urged to consider running again for an officer position in the spring.

The Board meeting will be next Friday. VE Exams are tomorrow.

The minutes were approved as published.

The meeting was adjourned at 8:19 PM.

The program was Randy Gawtry on NOAA Stream Level Monitoring.

Respectfully submitted,

Jeffrey A. Iverson, WB9DAN, Secretary

## Board Meeting November 11, 2011

A meeting of the St. Paul Radio Club Board of Directors was called to order on November 11, 2011, at 7:22 pm by President Dale Maroushek

BOARD MEMBERS PRESENT:

Dale Maroushek, NØPEY, President

Orcy Lyle, WØQT, Past-President

Jeff Iverson, WB9DAN, Secretary

John Faughn, KDØCAC, At-large Board Member

George Power, KØGCP, At-large Board Member

COMMITTEE CHAIRS AND OTHER INTERESTED MEMBERS PRESENT:

Jay Maher, NJØM, At-large

Skip Jackson, KSØJ, passed along that long-time member John Thomas, W3FAF, has died after a long illness. John had recently moved back east to be closer to his family.

A Tim Paltrin called asking for help with his radio set-up. Allan Klein, WØNLY, the club Elmer who is closest has agreed to meet with him.

Our December meeting will be our holiday party and feature Dan Fish of Radio City discussing the latest trends in radio gear. Jay to order two meat/cheese trays and a fruit tray; regular coffee order; members will bring other items potluck.

We continue to hear concerns about parking at UST, driving at night, etc. Jeff will design a survey to try to see if there is a consensus about making changes.

The January Auction will be on the 28<sup>th</sup> at the North St. Paul Community Center, same as last year. Dale will invite auctioneers. We will have hot dogs, chips, coffee and pop available again. Mandy will make cupcakes. Lisa will make treats. We will allow bidder sign-up at our December and January meetings to ease the crunch at the door.

Orcy Lyle, WØQT, gave a report on our special event station at the Transportation Museum. We worked 36 states and 2 provinces. Thirty-nine club members visited. Dale suggested that we might show our appreciation to the museum with a cash contribution. George made a motion that we donate \$100. John seconded. Motioned carried.

Someone has raised the issue about whether we could support remote operation of an HF station at St. Thomas. Board opinion was that we could not support this at this time.

The UST radio club has expressed some interest in setting up a station to work amateur satellites.

We have talked about having a special event station on the ice. There was some interest and a club member has offered use of his trailer. We would need someone to organize the event, like Orcy did with the Train Museum.

The meeting was adjourned at 8:25 PM.

Respectfully submitted,

Jeffrey A. Iverson, WB9DAN, Secretary

## **ST. PAUL RADIO CLUB AUCTION RULES**

As with any event involving the exchange of funds, there are certain rules to follow. Please read and familiarize yourself with these rules.

The net amount collected by the St. Paul Radio Club will be donated to the

### **ARRL Spectrum Defense Fund!**

Registration of equipment and issuance of bidder numbers starts at 8:30 a.m. at the same location as 2010:

North St. Paul Community Center, 2290 North 1<sup>st</sup> St., North St. Paul, MN 55109.

There is no charge for buyers. The auction will continue until each lot is sold or until terminated by combined rulings of the SPRC President and Auction Committee. There will be a silent auction option for sellers of small items.

**Minimum incremental bidding. \$1 to \$50 - \$1; \$50 to \$100 - \$5; \$100 and up - \$10**

Equipment will be sold to the highest bidder. You may set a listed minimum price for your items. Lots not receiving the minimum bid will be returned to the seller without charge. You may donate items to the SPRC to sell, and the seller must take all unsold items home. Equipment registration will be limited to 20 lots per person and each lot will be sold for one price. Auction officials may combine lots of similar equipment by the same seller.

All buyer and seller transactions with the St. Paul Radio Club must be completed on the day of the auction. No equipment will be allowed off the auction premises without proof of ownership.

Buyers may be required to show proof of a current, valid Amateur Radio License for the purchase of transmitters and amplifiers.

Personal checks will be accepted with proper identification

A 10% commission, to a maximum of \$10 per lot, will be charged to the seller.

Cash or check will pay sellers for sold equipment after SPRC receives payment from the buyer.

The St. Paul Radio Club does NOT warrant the condition of any item placed at auction, will not be responsible for items lost, stolen or damaged and reserves the right to limit quantities. Personal sales will not be permitted until after the Auction.

### **All bidders and sellers must have numbers**

To speed registration on the day of the auction, numbers and blue lot slips will be issued at the December and January SPRC meetings as well as at the auction.



St. Paul Radio Club, Inc.  
PO Box 9375  
North St. Paul, MN 55109

## ADDRESS CORRECTION REQUESTED

- Fri Dec 2 7PM SPRC Holiday meeting. Members bring potluck with club providing additional treats. See GW for details. Rm 155 MHC, UST campus
- Sat Dec 3 9AM Circuit Builders. OSS 415 UST Campus\*
- Fri Dec 9 7PM SPRC Board meeting, OSS 121 UST campus (Alternate location is 2<sup>nd</sup> floor lounge or OSS 415).
- Sat Dec 10 9AM Circuit Builders. OSS 415 UST Campus\*
- Sat Dec 10 9AM VE testing followed by EC exams. Roseville City Hall. Contact Leon Dill, W0COE, at 651-688-9964 or [W0COE@arrl.net](mailto:W0COE@arrl.net)
- Sat Dec 17 9AM SPRC breakfast. Midway Perkins on University Ave east of Snelling.
- Sat Dec 17 After Breakfast. Circuit Builders. OSS 415 UST Campus\*
- Sat Dec 24, 31 No Circuit Builders
- Fri Jan 6 7PM Socializing followed by 7:30 PM SPRC Membership meeting. Rm 155 MHC, UST campus
- Sat Jan 7 9AM Circuit Builders. OSS 415 UST Campus\*
- Sat Jan 7 9AM VE testing followed by EC exams. Roseville City Hall. Contact Leon Dill, W0COE, at 651-688-9964 or [W0COE@arrl.net](mailto:W0COE@arrl.net)
- Fri Jan 13 7PM SPRC Board meeting, OSS 121 UST campus (Alternate location is 2<sup>nd</sup> floor lounge or OSS 415).
- Sat Jan 14 9AM Circuit Builders. OSS 415 UST Campus\*
- Sat Jan 21 9AM SPRC breakfast. Midway Perkins on University Ave east of Snelling.
- Sat Jan 21 After Breakfast. Circuit Builders. OSS 415 UST Campus\*
- Sat Jan 28 No Circuit Builders
- Sat Jan 28 SPRC Auction. Seller setup at 8:30 AM. Auction begins at 9:30AM. North St. Paul Community Center. See GW for details

\* Circuit Builders is each Saturday morning if someone is available to open the lab and there is no conflicting activity. Check the SPRCCB Gmail Group to confirm that the lab will be open.