



www.arrl.org



St. Paul Radio Club Ground Wave

Don Kelly, WA6ZMT, Editor
Dale Maroushek, NØPEY, Interim Publisher

KØAGF

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

NEWS AND NOTES FOR APRIL 2012 — Volume 72, Issue 4

APRIL MEMBERSHIP MEETING

March 30, 2012

UST MHC 155

Uninterruptible Power Supplies Michael Bowden

Michael will treat us to a powerful presentation, including AC Power, AC problems and issues, AC solutions, filtering, regulation-isolation, UPS systems-topology, installations and batteries. He'll follow up with a demonstration and an opportunity for questions.

Michael graduated from Dunwoody in 1976 and has put his knowledge to good use ever since as service manager at HiFi Sound Electronics (1979-1986), owner of Circuitworks (1986), field service engineer at Best Power UPS systems (1986-2000) and currently in sales and service at Industrial Electronics, UPS systems.

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.
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 for any accessibility requests.

Last-Minute Opportunity

MNVOAD

Training Conference

The MNVOAD (Minnesota Voluntary Organizations Active in Disaster) Training Conference is Saturday, March 24th at the Hennepin Technical College in Eden Prairie. Although on-line registration is no longer available, we're told that walk-up registration is possible (registration opens at 0730, conference starts at 0830).

See <http://www.mnvoad.org/> for details.

April 21 Banquet Reminder

Paid registration must be received by April 10.

We'll enjoy the fellowship of SPRC members and guests, a great meal catered by UST Dining Services, and hearing from Cathy Wurzer, host of Morning Edition of Minnesota Public Radio. See the details in the March Ground Wave or on the website at www.stpaulradioclub.org/gpage5.html.

The meal is subsidized by the club, so the banquet is open only to members and guests, but **prospective members** joining in April will receive membership through August 2013

Dale's Details by NØPEY

After reading the minutes from our March meetings, I don't have much to add. Our secretary sure does a great job. Thanks Jeff--keep up the good work. Our treasurer keeps track of 3 accounts and makes sure all the bills are paid in a timely manner. Allan has never lost of penny of the clubs money, and he is the Education Chair too. Let's keep both of these guys around. More election talk in next month's details.

The Banquet is April 21st with Cathy Wurzer as our guest speaker. Be sure to get your registrations into Jay on time. Who will be the Ham of the Year? The Honor goes to a very deserving Ham this year.

Only three months until Field Day, time to start planning. Like every year, it is one big job that we break into small parts managed by many volunteers from SPRC and Mining ARC. What part do you want to take charge of this year? Don't forget about the Picnic dinner we include on Saturday night.

Midwinter Madness is March 31st in Buffalo. Tailgate Swapfest and Mining's Sun Sale are June 2nd at the Mining campus in Maplewood. The Magic Yard Sale is July 28th just north of downtown St. Paul. We should have a table at these events. It takes about 4 to 6 volunteers to make it work. We will talk about this at the meeting.

John Hunt is really getting things go-

(Continued on page 2)



Support the League
www.arrl.org/join

(Continued from page 1)

ing at the Washington School. He would appreciate more daytime helpers. If you can find some time, talk to John.

I hope you had a fun St. Patrick's Day. Just finished my trimming of the 30 pound corned beef brisket we are cooking Saturday. Also have a peaceful Easter with your families.

Dale, NØPEY, President

WTMS RADIO CLUB UPDATE

By John Hunt, KGØJD

The WTMS (Washington Technology Magnet School) radio club, KDØCNH, will be meeting Tuesdays from 1:40--3:00 p.m. from March 20th through May 29th. The club station trustee, Denise Kapler, KDØCOT, a math and science teacher, will make space available in her classroom (Room 4440) or nearby. The school (formerly Arlington High School) is easily reached from Saint Paul via I-35E. Take the Maryland Avenue exit, go west onto Maryland, right on Rice St. to the school driveway at 1495 Rice (at the traffic light at Nebraska, one light past Arlington), then left into the driveway to the school. The welcome desk staff in the lobby will check you in as a visitor.

The club has several projects running this spring: Technician Class license exam preparation, operating the club station's HF and VHF radios, building an oatmeal box crystal radio, and a fox hunt. Eight students are challenging themselves to pass the Technician exam at the SPRC VE session on Saturday, June 2nd. We are challenging ourselves to help make this happen!

SPRC members have helped in past years and are most welcome to participate as mentors this spring. Please consider coming over to help as often as you can. Sharing your time and experience will be greatly appreciated.

Membership Meeting

March 2, 2012

A meeting of the St. Paul Radio Club membership was called to order on March 2, 2012, at 7:36 PM by President Dale Maroushek, NØPEY.

Signed in on Members sheet: 25
Signed in on Guests sheet: 2

The April meeting will be on March 30, 2012 because of Good Friday. Topic will be uninterruptible power supplies.

The Circuit Builders group is waiting for word on lab availability.

Our VE team meets tomorrow: 3 registered plus walk-ins.

The CQ-160 contest effort with the Mining club went well. We scored over 95,000 points on CW and over 67,000 on SSB.

The Eau Claire Auction will be March 10; Buffalo Hamfest will be March 31.

The proceeds from our auction, rounded up by the club treasury, allowed us to send \$600 to the ARRL Spectrum Defense Fund.

John Hunt spoke about the Washington school radio club, which has become active again. Eight students are seriously interested in studying for their Technician license. The group meets from 1:40-3:00 on Tuesdays and could use some mentors/instructors from our club. A Foxhunt is planned for the spring.

Jay Maher, NJØM, reported that our Banquet will be on Saturday April 21st. Guest speaker will be Cathy Wurzer of Minnesota Public Radio/Twin Cities Public Television. Meal will be the Grand Buffet as in previous years. Registration is \$10.

The minutes were approved.

In May we will hold elections for President, Vice-President, Secretary, and Treasurer. Some interest has been shown and more are encouraged to come forward.

Club member Jan Bierbaum had a medical issue while vacationing in Arizona. She and Ralph will need to remain there for the time being. We wish her the best.

Field Day is June 23-24 – time to start planning.

The meeting was adjourned at 7:56 PM.

The program was Tim Burd, WD9IGX, and Kurt Nordwall, KDØLKC, about the history of CW and telegraph keys.

Respectfully submitted,

Jeffrey A. Iverson, WB9DAN, Secretary

Board Meeting

March 9, 2012

A meeting of the St. Paul Radio Club Board of Directors was called to order on March 9, 2012, at 7:05 PM by President Dale Maroushek.

BOARD MEMBERS PRESENT:
Dale Maroushek, NØPEY, President
James Klassen, KBØUAZ, Vice-President
Orcy Lyle, WØQT, Past-President
Jeff Iverson, WB9DAN, Secretary
Allan Klein, WØNLY, Treasurer
George Power, KØGCP, At-large Board Member
John Faughn, KDØCAC, At-large Board Member

COMMITTEE CHAIRS AND OTHER INTERESTED MEMBERS PRESENT:
Don Kelly, WA6ZMT, *Ground Wave* Editor
Jay Maher, NJØM, Food & Banquet Chair
Terry Londroche, NØGOI

Banquet: Rooms confirmed; AV ready; we need to order podium from physical plant; guest speaker Cathy Wurzer has permission from St. Thomas to sell her books and CDs. Motion: give Cathy a \$50 honorarium for speaking. Moved, seconded, and carried.

(Continued on page 3)

The banquet is intended for members and their guests, since the club subsidizes almost half the cost of the meal. However, persons who join the club in April have a membership good through the club year 2012-2013.

Discussion of receiver site for Magic Repeater at our location: Tom Sturm has made it clear that any major repeater changes must involve students at St. Thomas and provide educational benefits to the school. It is suggested that the plan include a receiver site for us at the Magic location, which would allow students to work on the technical challenges of receiver voting, etc. Our former repeater is non-operational and the current repeater is on loan from Terry Londeroche, NØGOI. Terry has a source that will donate to the SPRC a more modern repeater. We agreed to take him up on this and he will facilitate. We will need to purchase crystals for our frequencies. We will also need to obtain UHF link frequencies from the Minnesota Repeater Council. This is still a general plan and we will need to involve Tom and students from St. Thomas in the project details.

The program for the April meeting (on March 30) will be on Uninterruptible Power Supplies.

Possibilities for the program for the May meeting include a program from Skip, KSØJ, or one on amateur radio software.

Field Day – need a chairperson. Might Ed WBØVHF be willing again?

The Treasury is doing well. Members may contact Allan for details.

The Washington School project is back up, with at least 5 kids who are active and want to get licensed. John Hunt has been leading the effort but needs help. The class meets 1:40-3:00 PM on Tuesdays.

Allan is hoping that our Fall Technician class will be run through the city of St. Paul Community Ed.

The Magic Yard Sale will be July 28, 8 -11 AM.

In May we will hold elections for President, Vice-President, Secretary, and Treasurer. Some interest has been shown and more will be encouraged to come forward.

Don needs *Ground Wave* input by next Friday.

The meeting was adjourned at 8:33 PM. .

Respectfully submitted,

Jeffrey A. Iverson, WB9DAN, Secretary



Ham Radio Equipment for Sale

Lyle Amundson, KØLFV, President of the Brainerd Area Amateur Radio Club (BAARC) is coordinating the sale of the following Amateur Radio Equipment offered for sale by their club and some of their members. The list includes donated, estate and personal items. If you are interested in any of the [listed](#) items please contact Lyle for additional information. Email k0lfv at arrl.net or call 218 765-3100.

Kenwood TS-2000 HF thru UHF All Mode Transceiver
Kenwood TS-930 HF All Mode Transceiver
YAESU FT-1802 2M FM Transceiver
ICOM IC-2200H 2M FM Transceiver
Number of CB AM Mobile & Base Transceivers (Project Items)
Asiatic D-104 Silver Eagle Microphone
MFJ-259 SWR Antenna Analyzer
MFJ-921 VHF-UHF Antenna Tuner
SEC 1235M 12VDC 25A Power Supply
Jetstream JTPS31MB 12VDC 25A Power Supply
Kantronics KAM TNC
Heil HM10 Dual Microphone with adapters
CSI CS900 Simplex Auto Patch
Daiwa CS201 Coax Switch 2 Position
Nietzsche NB-50R 50W 2M SSB/FM Linear Amplifier (Project Item)
TE Systems 1412G 160W 2M SSB/FM Linear Amplifier
Comet CFX-514 Triplexer
CDE Ham III Rotor and Control Box
CDE Control Box only
Cushcraft A148-10S 10 Element 2M Beam
Cushcraft A270-6 VHF UHF 6 Element 2M/440 Beam
Hy-Gain VB-25FM 2M 5 Element Beam
Hy-Gain Explorer 14 3 Element Tri-Band Beam
Hy-Gain QK-710 40M Add On Kit
Cushcraft A4S 4 Element Tri-Band Beam
Rohn Stamped 64 foot Tower Model BX64
Rohn 25G 68 Foot Tower with top section



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

ADDRESS CORRECTION REQUESTED

Meeting locations at UST are subject to change due to changes on The University of St Thomas campus.

Sat Mar 24	9AM Circuit Builders. OSS 415 UST Campus*
Fri Mar 30	7PM Socializing followed by 7:30 PM SPRC April Membership meeting. Rm 155 MHC, UST. See page 1.
Sat Mar 31	9AM Circuit Builders. OSS 415 UST Campus*
Sat Mar 31	8AM - 1PM Midwinter Madness Hamfest, Buffalo Civic Center, Buffalo MN
Sat Apr 7	9AM Circuit Builders. OSS 415 UST Campus*
Sat Apr 7	9AM VE testing & EC exams. Roseville City Hall. Contact Leon Dill W0COE@arrl.net or 651-688-9964
Fri Apr 13	7PM SPRC Board meeting, OSS 121 UST campus (Alternate location is 2 nd floor lounge or OSS 415).
Sat Apr 14	9AM Circuit Builders. OSS 415 UST Campus*
Sat Apr 14	9AM – 1PM Brainerd Area Hamfest. Brainerd National Guard Armory
Sat Apr 21	9AM SPRC breakfast. Midway Perkins on University Ave east of Snelling.
Sat Apr 21	After Breakfast. Circuit Builders. OSS 415 UST Campus*
Sat Apr 21	6 PM SPRC Annual Banquet (doors open at 5PM) Rogge-Leyden Room, Third Floor of the new Anderson Student Center, UST Campus
Sat Apr 28	9AM Circuit Builders. OSS 415 UST Campus*
Fri May 4	7PM Socializing followed by 7:30 PM SPRC April Membership meeting. Rm 155 MHC, UST campus.
Sat May 5	9AM VE testing & EC exams. Roseville City Hall. Contact Leon Dill W0COE@arrl.net or 651-688-9964
Sat May 5	9AM Circuit Builders. OSS 415 UST Campus*
Sat May 5	9AM – 2PM Arrowhead Radio Amateur Club Hamfest. Head of the Lakes Fairgrounds, Superior, WI.
Fri May 11	7PM SPRC Board meeting, OSS 121 UST campus (Alternate location is 2 nd floor lounge or OSS 415).
Sat May 12	9AM Circuit Builders. OSS 415 UST Campus*
Sat May 12	9AM – 6PM Northern Lights Radio Society, Aurora 2012. First Lutheran Church, White Bear Lake, MN
Sat May 19	9AM SPRC breakfast. Midway Perkins on University Ave east of Snelling.
Sat May 19	After Breakfast. Circuit Builders. OSS 415 UST Campus*
Sat May 26	9AM Circuit Builders. OSS 415 UST Campus*
Sat Jun 2	7AM – 1PM TwinsLAN Tailgate Swapfest. 3M Center, Maplewood, MN.

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