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St. Paul Radio Club

KØAGF

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

NEWS AND NOTES FOR FEBRUARY 2014 — Volume 74, Issue 2

Monthly Meeting

February 7, 2014
UST OWS LL54
7:00 pm Socializing
Membership Meeting 7:30 pm

PROGRAM

Cracking the Enigma Secret



This 52-minute video is the story of how the Allies were able to crack the Enigma Code during WWII, and the impact on the outcome of the war. It's one of 26 stories in the BBC video series "Secrets of World War II".

The Enigma system was used in conjunction with Morse Code to send messages to both individual commands and for general broadcast to German Military recipients. The Germans had total confidence that the code was unbreakable—that total arrogance led to the failure of the code over the long haul.

2014 SPRC Auction

About 60 hopeful buyers, sellers and spectators braved the weather and road construction for our second auction at Our Lady of Guadalupe. A good time was had by all, helped by the coffee and home-made goodies.

A big thanks to our volunteers: Dallas (NØLKD), George (KØGCP) and Allan (WØNLY) shared the thankless job of handling the paper and computer work. Dale (NØPEY), Ralph (NØAWN), Jay (KØQB) and Don (WA6ZMT) shared the live auction responsibilities. Deb and Jean sold the great treats and several others helped with setup and cleanup.

Net proceeds were over \$400.00, so we'll be making a substantial donation to the ARRL Spectrum Defense Fund.

See the pictures on page two.

General Class Schedule Change

Due to weather issues, the class will be held on Thursdays, 6:00 to 8:30 p.m., February 13 through April 10 (with no class on April 3).

Register at commed.spps.org.

Presidential Ponderings

THINGS PAST

By the time you read this Ground Wave, the club auction will be past. I can only hope that the weather cooperated so that it was a success.

Larry Gaalass showed a good presentation on radio propagation and solar factors that help determine when (and if) you can talk from point A to point B. From my limited background, he did a clear job of distinguishing the effects of different types of ionization created by the various types (wavelengths) of solar radiation. I enjoyed learning something new, as usual.

THINGS PRESENT

With the cold winter winds, I've heard several reports of antenna damage around the Twin Cities, as well as in the western portions of Greater Minnesota. The winds plus ice have toppled a few 50 – 70 foot towers, with some causing structural damage to the owners' roofs and eaves. If the weather warms enough to go outside (by your standards), please check your guy wires and other supports. Our hobby equipment is expensive enough without going through the roof.

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The OWS building is located on the University of St. Thomas (UST) South Campus.

From I-94, take Cretin Ave south about a mile to Grand Ave. Turn right into the UST South Campus. Park in the ramp on your left or the surface lot ahead to the right. In general, on-campus parking re-

strictions are not enforced after 6:00 p.m. on Fridays, but do not park in spots with parking meters unless paying or displaying a handicapped placard.

Enter the building just north of the parking ramp and take the elevator (in the hallway to the right) or stairs to the lower level. LL54 is not far

from the stairs.

For detailed maps, see www.stthomas.edu/campusmaps.

OWS: Owens Science Hall

Contact Kim Schumann in Disability Services at 651-962-6315 or kjschumann@stthomas.edu for any accessibility requests.

SPRC Auction 2014

The goods—what it's all about



Unless you just came for the coffee and goodies



Thanks to Jeff Iverson (WB9DAN) for these auction pictures



The tag team kept things moving

These beauties didn't sell

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THINGS FUTURE

Several events of interest (with details in separate articles in this Ground Wave) coming up:

1) Don't miss the MN QSO Party starting Saturday, February 1st.

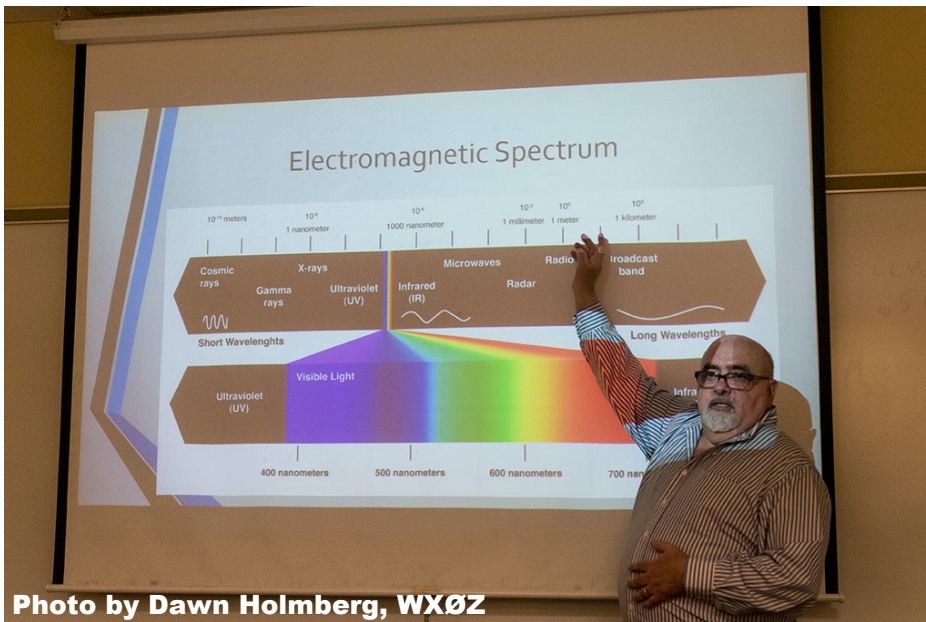
2) If you are interested in the Public Service aspects of radio, a class for beginners is being sponsored by the Metro AERO group, emphasizing controlled net operations.

3) The Metro Skywarn organization is looking for a "few good operators"

to help the operation out.

Other events coming up include the Club Banquet in April, and Club elections on May 2nd. The year is capped off in June with Field Day on the 28th and 29th, and setup on the 27th.

George, KØGCP



freshments and buy raffle tickets and socialize a bit more, Larry Gaalaas (KBØR) presented a program on Propagation, talking about how the sun and atmosphere affect propagation and a few on-line tools to help us take advantage of it. His presentation was followed by lively discussion.

After the drawing, members and guests visited a bit longer.

Respectfully submitted,
Don Kelly, WA6ZMT

Board Meeting January 10, 2014

A meeting of the St. Paul Radio Club Board of Directors was called to order on January 10, 2014, at 7:09 PM by President George Power.

BOARD MEMBERS PRESENT:

George Power, KØGCP, President
John Faughn, KDØCAC, Vice Pres.
Allan Klein, WØNLY, Treasurer
Don Kelly, WA6ZMT, Secretary
Dale Maroushek, NØPEY, Past Pres.
Jay Maher, NJØM, At-large Member
Orcy Lyle, WØQT, At-large Member

COMMITTEE CHAIRS AND OTHER INTERESTED MEMBERS PRESENT:

None

Treasurer: Allan reported balances of \$5,018 in the main, \$827 in education and \$1,233 in the repeater accounts.

Membership: Dale reported we have 105 members in good standing.

Program Ideas: No February program yet—maybe John Crabtree regenerative receiver program. Possibly Skip's Enigma video. March Dan Anderson, emergency coordinator.

Orcy is developing a list of interesting programs to share with all area clubs.

Auction: Dale provided an update on auction preparations. He confirmed details with Br. Jim by email. The club will sell its oldest generator and the Icom transceiver.

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Membership Meeting January 3, 2014

Members and guests enjoyed snacks and visiting during the pre-meeting social time. No UST Radio Club representative spoke up, so the December meeting of the St. Paul Radio Club was called to order by President George Power (KØGCP) at 7:30 PM. 27 members and two guests introduced themselves (First name, call, QTH). A 28th member arrived during the meeting.

Secretary's Report: The December minutes were approved as printed in the *Ground Wave*.

Treasurer's Report: Details are available from Treasurer Allan Klein (WØNLY) at allankmn@cs.com. Allan was not present.

Education: A General class will be held for eight Thursday nights beginning on January 30 at Highland Park Jr. High School. Instructor volunteers are invited to contact Allan Klein (WØNLY) at allankmn@cs.com. A few of those present indicated that they intend to take advantage of the class.

Circuit Builders: Orcy Lyle (WØQT) announced that the parts for the antenna project are being ordered. 10 people have signed up. The availability of the lab for January and the Spring semester has not been confirmed.

Public Service/Emergency Communi-

cations: Ralph Bierbaum (NØAWN) had nothing to report. Activity will pick up in the spring when bike rides start.

AUCTION: Dale Maroushek (NØPEY) said everything is in the December Ground Wave.

VE Exams: Leon Dill (WØCOE) announced that VE exams will be on January 4th at the Roseville location.

Old Business:

VP ELECTION: John Faughn (KDØCAC) was elected by acclamation to replace Joe Clysdale as Vice President.

BOARD MEMBER AT LARGE ELECTION: Orcy Lyle (WØQT) was elected by acclamation to replace John Faughn as Board Member at Large.

New Business:

CORRESPONDENCE: George has received emails requesting assistance: (1) Allan (not WØNLY) is looking for help with a Tektronix scope, (2) Arthur (NS7E) in New Prague needs help with the repair of a Kenwood TS-430, and (3) Matt has a Kenwood for sale. See George for complete information.

The meeting was adjourned at 7:47 p.m.

After a break to enjoy more re-

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Education: Allan is still looking for instructors for the General Class starting on January 30th.

SPRC has received a gift of equipment that will be given on a lottery basis to a student passing the General exam.

Banquet: Jay will confirm room and speaker availability for Saturday, April 26. (4/18-21 is Easter break.) Potential broadcast history program; will offer \$50 and dinner.

Brochure: George will update the club brochure and send update info to Tom Bredemus for the website.

The meeting was adjourned at 8:22 PM.

Respectfully Submitted,
Don Kelly, WA6ZMT, Secretary



Tech License Class

Maple Grove Radio Club is offering a ten-week tech license class on Thursdays at 7-9 p.m. starting February 10th at the Maple Grove Fire Station #2—upper entrance (13450 Maple Knoll Way, corner of Elm Creek Blve and Maple Knoll Way).

\$10.00 registration is due the first night of class—you will also need to purchase a text book for about \$22. The Technician License exam will be offered on the last night of the class for an additional \$15.00 fee.

Email registration@mnyarc.org to register or ask questions (please include your name, address and phone number as well as your preferred email

address).

Details will be emailed to you after you register.

AERO Classes

AERO (Association of Emergency Radio Organizations) and the Ramsey County ARES (Amateur Radio Emergency Service) wish to announce upcoming classes.

Basic Emergency Operator Communication (AERO 1) class on February 15th and 22nd, 2014. On February 15th we will be having our class room session from 9:00 AM to Noon. The doors of Ramsey County Emergency Management facility at 90 Plato Ave in St. Paul will open at 8:30 AM. We will be holding our practical exercise and class evaluation on February 22nd from 1:00 PM to 4:00 PM. Prerequisite for the course is ISC-100b that is free at <http://training.fema.gov/emiweb/is/is100b.asp>. You will need a notebook, an HT, and writing instrument.

AERO 1 focuses on proper radio procedures, presentation in person and on the radio, and how to prepare for deployment in time of need.

Please register by February 6th with Dan Peitso. Email the following to NOPIY@arrl.net:

Name, Call Sign, Address, Phone #, Radio Club (if you belong to one), Type of HT (Single band, Dual Band, Tri-band).

(You may call Dan at 612-850-1871, but email registration is preferred.)

Net Control (AERO 2) will be held on Saturday February 22nd, 2014. The class session will be from 9:00 AM to Noon. The doors of Ramsey County Emergency Management facility at 90 Plato Ave will open at 8:30 AM. We will then have a practical net exercise from 1:00 PM to 4:00 PM. Prerequisite for this course will be AERO 1. You CAN-

NOT register for both classes. AERO 1 MUST be completed before taking AERO 2. You will need a notebook, an HT, and writing instrument.

AERO 2 focuses on Nets with emphasis on Net Controllers, Net Creation, and establishment of Net protocols.

Please register as above by Thursday February 13th, 2014.

Skywarn Weather Spotter Class



A free Skywarn weather spotter class will be offered at the Stillwater Public Library (224 3rd St N, Stillwater MN) from 10:00 a.m. to 3:00 p.m. on Saturday, February 22nd.

Visit www.radioham.org or call Bob Jensen (WØGAF) at 612 802-2269 for more information.

Skywarn Opportunities

We are starting to gear up for next season and we'd like to advertise some opportunities we have.

First, we are looking for trainers for our Skywarn classes. Your responsibilities would be to learn about training, attend the train the trainer training through the NWS, help lead instructors with preparing, teaching and wrap up of classes.

Next, we are looking for people to help out in Net Control at our 3 sites in the Twin Cities (Bloomington, Maple Grove and St. Paul). Your responsibilities can vary, depending on your interests. We need radio operators to take reports and relay them to the NWS. In case you're not comfortable talking on the radio, we also need people to enter reports into our database.

Please let me know if you are interested in any of these opportunities!

Theresa C <theresa879@yahoo.com>



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 Feb 1	8AM-6PM MN QSO Party. See www.w0aa.org
Sat Feb 1	9AM VE testing. Roseville City Hall. Contact Leon Dill, WØCOE@arrl.net or 651-688-9964
Sat Feb 1	9AM Circuit Builders. OSS 415 UST Campus*
Fri Feb 7	7PM Socializing followed by 7:30 PM SPRC Membership meeting. UST classroom OWS LL-54. See page 1.
Sat Feb 8	9AM Circuit Builders. OSS 415 UST Campus*
Fri Feb 14	7PM SPRC Board meeting, OSS 121 UST campus (Alternate location is OSS 415)
Sat Feb 15	9AM SPRC breakfast. Midway Perkins on University Ave east of Snelling.
Sat Feb 15	After Breakfast. Circuit Builders. OSS 415 UST Campus*
Sat Feb 15	9AM – 1PM Cabin Fever Reliever Hamfest, St Cloud Armory, St. Cloud, MN
Sat Feb 22	9AM Circuit Builders. OSS 415 UST Campus*
Sat Mar 1	9AM VE testing. Roseville City Hall. Contact Leon Dill, WØCOE@arrl.net or 651-688-9964
Sat Mar 1	9AM Circuit Builders. OSS 415 UST Campus*
Fri Mar 7	7PM Socializing followed by 7:30 PM SPRC Membership meeting. UST classroom OWS LL-54.
Sat Mar 8	9AM Circuit Builders. OSS 415 UST Campus*
Sat Mar 8	8AM – 2PM 27 th Annual Eau Claire ARC Auction, Saving Grace Lutheran Church, Eau Claire, WI
Fri Mar 14	7PM SPRC Board meeting, OSS 121 UST campus (Alternate location is OSS 415)
Sat Mar 15	9AM SPRC breakfast. Midway Perkins on University Ave east of Snelling.
Sat Mar 15	After Breakfast. Circuit Builders. OSS 415 UST Campus*
Sat Mar 22	9AM Circuit Builders. OSS 415 UST Campus*
Sat Mar 29	9AM Circuit Builders. OSS 415 UST Campus*
Sat Mar 29	Midwinter Madness Ham Fest, Buffalo Civic Center, Buffalo, 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.