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# St. Paul Radio Club Ground Wave

Jeff Iverson, WB9DAN, Interim Editor

## KØAGF

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

## NEWS AND NOTES FOR FEBRUARY 2010 — Volume 70, Issue 2

### FEBRUARY MEMBERSHIP MEETING

**February 5, 2010**  
**Socializing — 7:00 PM**  
**Meeting — 7:30 PM**

The program will be by Brad Peters, WD9GNJ who is employed in the Emergency Management field, and currently serving as the Deputy Communications Officer for the: Minnesota Division of Homeland Security and Emergency Management.

Brad's relationship with Amateur Radio has endeavored him to search for non-traditional forms of communication. He started his association with Echolink in 2006, exploring Echolink as a means for utilizing VOIP technology for linking repeaters and users over wide geographical areas. In 2007 he setup an Echolink node on the 147.03 repeater here in the Twin Cities. During the last 2 years, a link with the 147.03's sister repeater, the 444.875 repeater, (both are located on the same site) was established. Since Internet connectivity is nearly impossible at the repeater site, he opted to setup the remote type of RF Echolink to repeater connections.

At the February 5th meeting, Brad will share with all who attend, what he has learned from his experiences with Echolink, and provide the St. Paul Radio Club with any assistance in their endeavors to utilize Echolink for their needs. He will be providing a Power Point presentation in addition to the Verbal presentation, and allow for questions and answers session after the presentation.

**FACEBOOK USER?**  
**Look for our group:**  
**"St. Paul Radio Club"**

### SPRC Planning Calendar

- Fri Feb 5 SPRC Membership Meeting. Program - Brad Peters, WD9GNJ - Echolink and the Friday Night Net.
- Sat Feb 6 SPRC VE Session.
- Tue Feb 9 6:30 pm SPRC Amateur Extra upgrade class first meeting. Roseville Fire Station.
- Fri Feb 12 SPRC Board Meeting.
- Sat Feb 13 9AM - 1PM Cabin Fever Reliever Hamfest. St. Cloud Armory, 1710 8th St. N, St. Cloud MN.
- Sat Feb 20 SPRC Breakfast.
- Sat Feb 20 SPRC Circuit Builders.
- Sat Mar 6 SPRC VE Session.
- Fri Mar 12 SPRC Membership Meeting.
- Sat Mar 13 8:30AM Eau Claire Auction.
- Fri Mar 19 SPRC Board Meeting.
- Sat Mar 20 SPRC Breakfast.
- Sat Mar 20 SPRC Circuit Builders.
- Sat Mar 27 Midwinter Madness Hamfest

### Calendar Details

Unless otherwise specified, the following details apply to SPRC events:

#### Membership Meetings:

7:00 PM Socializing; 7:30 PM Business Meeting & Program. Room 155 of the Murray-Herrick Campus Center at UST.

#### Board Meetings:

7:00 PM. Room 435 (4th Floor Lounge across from elevators) of the O'Shaughnessy Science Hall (OSS) at UST. (Alternate location is the 2nd Floor Lounge).

#### Circuit Builders:

11:00 AM. Room 415 of the O'Shaughnessy Science Hall (OSS) at UST.

The University of St. Thomas (UST) is located at the intersection of Cretin & Summit Avenues, about 6 blocks south of the Cretin Exit on I-94 in St. Paul. On-campus parking restrictions are not enforced after 6:00 PM on Fridays. For detailed maps, see <http://www.stthomas.edu/campusmaps>.

#### Saturday Breakfast:

9:00 AM. Perkins in the Midway on University east of Snelling.

#### VE Sessions:

9:00 AM. Followed by EC Exams - Call David M. Buending AD2B, 952-486-0836, or ad2b at arrl.net for info

### Dale's Details by NØPEY

I'm betting the Ground Hog saw its shadow, so six more weeks of good Radio operations to look forward to!

If you haven't checked yet, the Website is alive and growing. Tom and Jonathan are continuing to add pages, with current and historic information. If you have something that they might use, send it to them. Thanks guys, good work.

Still looking for a Ground Wave editor, as John Hunt has declined the position. Thanks for the effort John.

Minnesota QSO Party this weekend! Get on the air and have some fun, be on the good end of the pileup. Anyone want to collect logs to make a Club entry?

TCFM Club HamJam on the 3<sup>rd</sup>, in Golden Valley. St. Cloud Hamfest on the 13<sup>th</sup>, any motorcades going up?

What a great Auction this year. Thanks to Mike, KØBUD, and Brian, NOBM, for a fine performance as auctioneers and all the hard workers that make it happen. And many Thanks to all the sellers and buyers, too. The ARRL will be very grateful for the contribution, and Paul Friedman, ABØSI, is happy we moved his equipment.

Plan ahead if you want to participate in the CQ 160 SSB Contest at WOMR Mining Club station at Tartan Park on February 26-28<sup>th</sup>. That's the low band, just above AM broadcast, that we work at night. Starts at 1600 local Friday, band is alive until about 8 a.m., and then we do it again Saturday night. We run high power to a half wave dipole at 70 feet, on an IC-756 Pro II. Won awards in CW and SSB last year, plan to do it again. Plenty of food and fun for ops and spectators.

*see Details, p. 2*

## Heard on the Bands

by Brian McInerney, NØBM

A sample of interesting QSOs heard and worked on the bands at NOBM in January, 2010:

F5MUX, Lee on 7.010;

NOBUI, Mike...Minnesota Section Net (check in on our traffic nets some time);

KB3AAY trying out his new K3; KH2L in Guam, running stateside, 14.011;

a whole bunch of guys in the NA CW QSO party;

AA8V running home brew tube gear on 7.031, a 6CL6 oscillator driving a 6146 see [www.greglatta.com](http://www.greglatta.com) for some nice shots of the gear;

5N7M running stateside stations on 14.033;

JR1CBC, Masi, checking out his 6 el monoband yagi and amplifier in anticipation of the ARRL DX contest in February;

HK4CZE, George chatting on 14.022;

OE3DIA and EA6SX working the pile-ups between 7.006 and 7.015;

N4OI in a townhouse development rag chewing on 7.021;

HB9CVQ, Andy, working stateside stations on 7.008.

Give the bands a try...they seem to be coming back...share some of your QSOs and DX with the club.

## JAY BELLOWS PROMOTED

compiled from <http://www.arrl.com>

SPRC member and Dakota Division Director Jay Bellows, KØQB, was appointed ARRL Vice President for International Affairs at the ARRL Board of Directors 2010 Annual Meeting on January 15-16 in Windsor, Connecticut.

Moving up to Jay's former position will be Dakota Division Vice-Director Greg Widin, KØGW.

In one of her first actions as ARRL President, Kay Craigie, N3KN, appointed Dakota Division Assistant Director and former North Dakota Section Manager Kent Olson, KAØLDG, as the new Dakota Division Vice Director.

Congratulations to all!

## Details, cont'd

Let me know if you what to join in. One downside, real rest rooms are far away, but plenty of trees.

The Banquet is being planned, details later, when we have confirmation.

Still looking for volunteers for Field Day Chairs of everything and anything. It may sound like a big job, but with the experience and history of this group, things fall into place without much trouble. It's a great way to get your feet wet, without fear of drowning.

Last but not least, Officer Candidates are needed for the May election. As all politics go, it's easier to change things from the inside than the outside. If you have some good ideas, or don't like what we have now, run for office. Change is good, and new people bring new life to the Club. I'm sure you must be tired of watching and listening to me drone on about stuff, and the others might enjoy a rest from office too. About 20 hours a month is my estimation of Club time, which I put in. If we could elect one new person to the Board every year, it would be a training ground for the future, and propel the Club forward. Too shy to get in front of people? Do what I do, imagine them all naked, works every time!

Dale, NOPEY, SPRC President



Support the League

<http://www.arrl.org/join>

## SPRC OFFERING EXTRA CLASS

The St. Paul Radio Club is presenting an Extra Class upgrade program in February and March of 2010.

The classes will be held from 6:30 pm to 8:30 pm on eight Tuesday nights, beginning on Feb. 9 and continuing each Tuesday until March 30. The classes will be held in Roseville, at the Roseville Fire Station at 2701 North Lexington Avenue. That's a block north of the intersection of Lexington and County Road C. It's about a mile north of Highway 36.

The classes will use a "discussion group" format, rather than straight lecture. People will be expected to have read the chapter before the class. The book will be the ARRL License Manual for the Extra Class, 9th edition (green cover). It should be purchased in advance of the first class from either Radio City or ARRL.org. The retail price is \$24.95. Everyone should read Chapters 1 and 2 before coming to the first class on Feb. 9.

There is no fee for the class. People are requested to reserve a spot by sending an email message to [allankmn@cs.com](mailto:allankmn@cs.com).

This class is also open to members who already have their Extra class ticket and would like to either brush up on some of the topics or feel they have some special expertise to contribute. Again, please let Allan know when you are coming.

The topics scheduled are:

2/9 Intro/Operating Practices

2/16 Rules and Regulations

2/23 Electrical Principles

3/2 Components and Building Blocks

3/9 Electronic Circuits

3/16 Signals & Measurements;  
Modes & Equipment

3/23 Antennas and Feedlines

3/30 Propagation; RF Safety

**Look for auction results and photos in the March issue of the *Ground Wave!***



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ADDRESS CORRECTION REQUESTED