



www.arrl.org



# St. Paul Radio Club Ground Wave

Jeff Iverson, WB9DAN, Interim Editor  
Dale Maroushek, NØPEY, Interim Publisher

## KØAGF

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

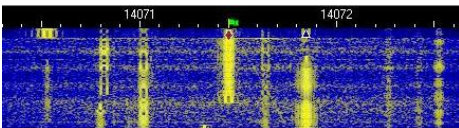
## NEWS AND NOTES FOR MAY 2010 — Volume 70, Issue 5

### MAY MEMBERSHIP MEETING

May 7, 2010

Socializing — 7:00 PM  
Meeting — 7:30 PM

The program will feature  
**Orcy Lyle, WØQT, on PSK-31.**



Orcy Lyle, WØQT, will describe the popular digital mode of PSK31, provide information on its background and development, compare it with other digital modes, and give reasons why it is so popular. Sufficient information will be provided so that any interested HF'er will have what they need to know to get started with PSK31, including description of radio-computer interfaces, the Digipan program and how it works, and operating tips. The photo above is a screenshot of the Digipan waterfall (each vertical yellow trace represents a PSK31 transmission).

### SPRC Planning Calendar

Fri May 7 SPRC Membership Meeting.

Fri May 14 SPRC Board Meeting.

Sat May 15 SPRC Breakfast.

Sat May 15 SPRC Circuit Builders.

Sat Jun 5 VE Testing

Sat Jun 5 Tailgate Swapfest, 7am–1pm, 3M Center.

Sat & Sun, Jun 26 & 27, Field Day, Tartan Park

### Dale's Details by NØPEY

Where have the two years gone? The officer's terms expire this month and I'm sure the newly elected people will do a fine job for the next two years. Vote early and vote often!

We have a couple possibilities in the works to replace our VE team manager, Dave Buending, AD2B, who is retiring next month. If you are interested in becoming a VE, see the ARRL website. Our club and others can always use help in testing.

The Banquet went very well again this year. Thanks to Jay, for putting the pieces together. Congratulations to our Ham of the Year, Tom Sturm, NØBGO! His years of service and dedication for the good of the club made him an easy selection. Like I said, 20 years ago when I joined the club, Tom had the most important job, he brought the donuts! The wonderful slide tour of the South artic, presented by Ralph Fedor, KØIR, was both entertaining and educational. Did I mention the food was fantastic, thanks to the UST food service department?

Our generator search may have ended, and we will have a new one ready for Field Day. One more inspection and motion to complete the deal.

Speaking of Field Day, if you are going to be having fun with us this year, contact Janet, KDØBZZ or Ralph Beirbaum, NØAWN, and get signed up for what you want to do. And we will also have the Club Picnic on Saturday night as before. More Spaghetti and Meat Balls, with all the extras.

See you Friday,  
Dale, NØPEY

### 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. In general, on-campus parking restrictions are not enforced after 6:00 PM on Fridays, but do not park in spots with parking meters.

For detailed maps, see <http://www.stthomas.edu/campusmaps>. Please contact Kim Schumann in Disability Services at 651-962-6315 or [kjschumann@stthomas.edu](mailto:kjschumann@stthomas.edu) for any accessibility requests.

#### 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-

## Washington School Project Going Well

The SPRC's Special Project at the Washington Technology Magnet School has continued to introduce 7th and 8th grade students to radio and electronics.

During the last few months, we have participated in the School Club Roundup, a contest for school clubs, as well as building a variety of simple projects. Currently, we are working on a Drawdio, which is a kid-orientated device that illustrates resistance and capacitance. We have put together some homemade resistors and capacitors, and the Drawdio is a fun way to learn about them. We have also had fox hunts with homemade 3-element beams and offset attenuators.

We have built "blinkys" to illustrate RC time constants, and we have made simple magnetic field sensors.

Next year, the Washington program will move from its current building to the Arlington Senior High building. The Arlington building is bigger and newer, and hopefully would be able to provide more space for us. But we don't know what that move will mean for our activities, so stay tuned for news.

## W1AW Offers Code Practice, Bulletins via EchoLink

*Reprinted from the ARRL Letter*

Audio from W1AW's CW code practices and CW/digital bulletins is now available using EchoLink via the W1AW Conference Server "W1AWBDCT." The 9:45 PM ET phone bulletin is currently unavailable via W1AWBDCT. The audio is sent in real-time and runs concurrently with [W1AW's regular transmission schedule](#). According to W1AW Station Manager Joe Carcia, NJ1Q, this server is currently at an experimental stage: "Since the server is located at ARRL -- and uses the ARRL's Internet connection -- there may be an issue as to how many users can connect to W1AWBDCT via EchoLink. The current number of connections is set to 350. If the current system can properly handle these connections without adversely affecting the performance of the conference server, this number will be bumped up higher." All users who connect to the conference server are muted. Please note that any questions or comments should *not* be sent via the "Text" window in EchoLink



Support the League  
<http://www.arrl.org/join>

**QST de W1AW**  
**ARRL Bulletin 14 ARLB014**  
**>From ARRL Headquarters**  
**Newington CT April 26, 2010**  
**To all radio amateurs**

SB QST ARL ARLB014  
ARLB014 FCC Seeks Comments on  
Newly Proposed Rules for Amateur  
Radio Operators and Emergency  
Drills

In March, the FCC released a Notice of Proposed Rulemaking (NPRM) that proposed to amend the Part 97 rules governing the Amateur Radio Service. The new rules would provide that, under certain limited conditions, Amateur Radio operators may transmit messages during emergency and disaster preparedness drills, regardless of whether the operators are employees of entities participating in the drill.

On April 22, a summary of the NPRM was published in the Federal Register and the FCC is seeking comments on it. Comments must be filed on or before May 24, 2010 (30 days after publication in the Federal Register); reply comments must be filed on or before June 7, 2010 (45 days after publication in the Federal Register).

Instructions on how to file comments are listed beginning on page 5 of the NPRM. The NPRM is available on the web in PDF format at, [http://hraunfoss.fcc.gov/edocs\\_public/attachmatch/FCC-10-45A1.pdf](http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-10-45A1.pdf).

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



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

ADDRESS CORRECTION REQUESTED