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# St. Paul Radio Club Ground Wave

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## KØAGF

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North St. Paul, MN 55109

## NEWS AND NOTES FOR FEBRUARY 2017 — Volume 77, Issue 2

### Monthly Meeting

February 3, 2017  
UST OWS LL54  
7:00 pm Socializing  
Membership Meeting 7:30 pm

#### PROGRAM

### Mesh Goes to the Marathon

Erik Westgard, NY9D

We will have an update on All Things Marathon and a look at the newest digital technology we are using – mobile applications (RaceSafe) and our newest infrastructure project—Mesh.

Erik Westgard, NY9D, serves as Volunteer Medical Communications Coordinator for the Medtronic Twin Cities Marathon and Red White and Boom Half Marathon. Erik has published articles on QRP construction, Microwave construction, and advanced digital data in QST, CQ-VHF, 73 Amateur Radio Today and the TAPR Journal. He has presented at two TAPR conferences, and the FDIM event in Dayton. He has a chapter in the ARRL book "More QRP Power." He is one of the founders of the [www.14567.org](http://www.14567.org) packet, D-Star and now mesh networks. He teaches in the Graduate MIS Program At Metro State University and works as a Principal Consultant for AT&T.

### Editor's Note

This may be the latest Ground Wave ever. I've been traveling and the GW was going to be late, but then I've had two time-consuming disasters—nothing life threatening (and Microsoft software is really frustrating!). Sorry for the inconvenience and the skimpy content.

### 2017 SPRC Auction

Another auction is history, and early returns suggest that a potentially-record sum was raised for the ARRL Spectrum Defense Fund.

Sellers sold, buyers bought, the technology performed well, and a good time was had by all.

Details will be in the March Ground Wave, along with pictures.



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### Dale's Details

Dale Maroushek, NØPEY

The Auction will be history by the time this gets out, I hope it went well and made some money for the ARRL. I also hope that we picked up a couple more willing workers to join the staff. The main crew has been doing this for many years and will need to be rotated soon.

I see we landed a program for February, but the other two possibilities have not confirmed our requests. Both would be interesting and informative programs and I hope they make contact very soon.

The Fusion repeater still awaits final installation, just haven't fit it into a time slot to get it done. Sorry, but soon, once I get the Auction wrapped up.

The Office of Vice President is still open. Who will be the lucky winner? Refreshments still needs a helper too.

This January thaw has been a great

*(Details, Continued on page 2)*

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, then park in the ramp on your left or the surface lot on the right. In general, on-campus parking restrictions 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](http://www.stthomas.edu/campusmaps).

OWS: Owens Science Hall

Contact Kim Schumann in Disability Services at 651-962-6315 or [kjschumann@stthomas.edu](mailto:kjschumann@stthomas.edu) for any accessibility requests.

(Details, Continued from page 1)

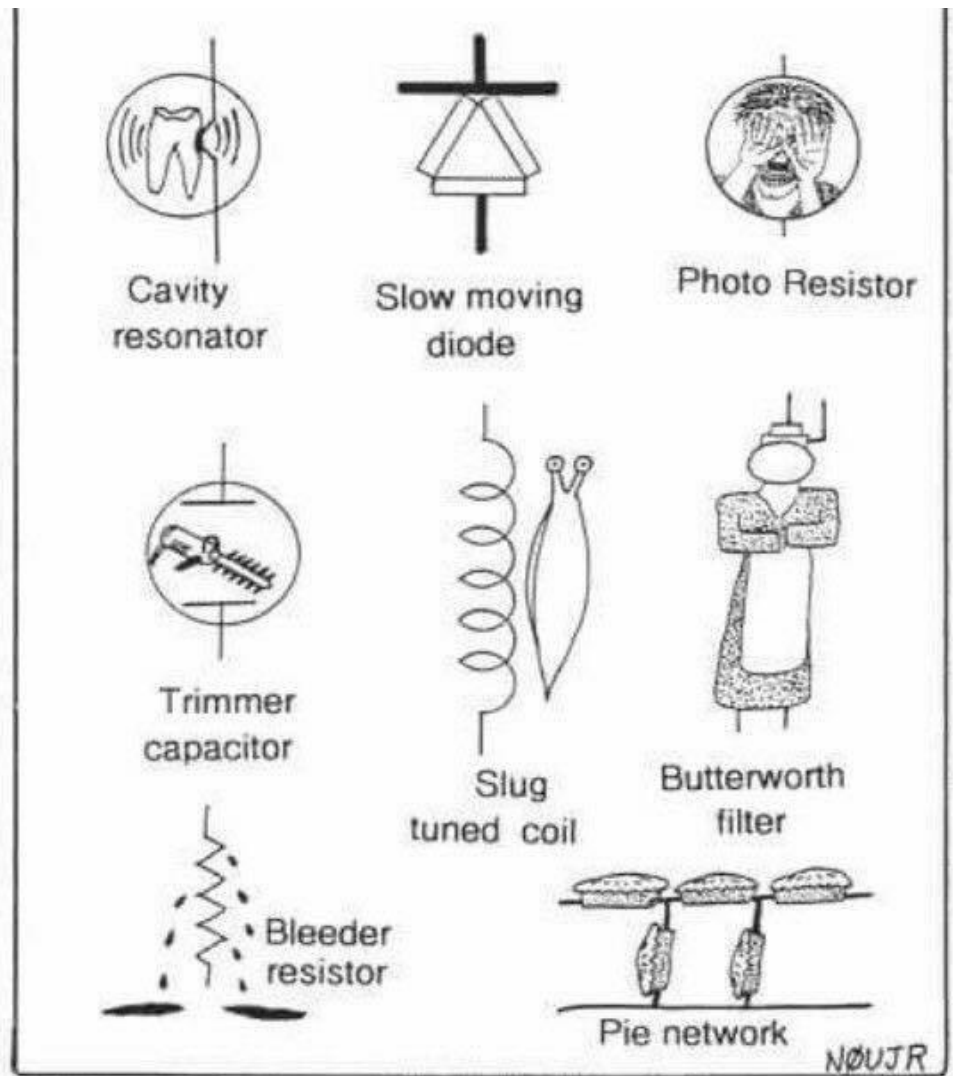
time to install some new antennas for the MNQSO or the winter 160M contests. Unfortunately, MARC has not found a station to work from at this time.

Not much to report this month from my end. I guess I'll turn this in and continue pulling and packing stuff for the Auction. Then remember to pick up the food and get that equipment packed and ready.

### UST Tobacco-Free

UST's St. Paul and Minneapolis campuses are tobacco free.

In the St. Thomas policy, "tobacco" is defined as any lighted cigarette, cigar, pipe, clove cigarette, hookah smoked products, electronic cigarettes and any other smoking product, as well as smokeless or spit tobacco, also known as kip, chew or snus. Promotion, sale and distribution of tobacco products and merchandise, including any items carrying tobacco logos, also are prohibited on the campuses or at any university-sponsored events.



Little known standard electronic symbols.

- Fri Feb 3 7PM Socializing followed by 7:30 PM SPRC Membership meeting. UST classroom OWS LL-54. See Page 1.
- Sat Feb 4 10AM VE testing. Ramsey County Library, 3025 Southlawn Dr., Maplewood. Contact Leon Dill, WØCOE@arrl.net or 651-688-9964
- Sat Feb 4 9AM Circuit Builders. OSS 415 UST Campus\*
- Fri Feb 10 7PM SPRC Board meeting, OSS 121 UST campus (Alternate location is OSS 415) \*\*
- Sat Feb 11 9AM Circuit Builders. OSS 415 UST Campus\*
- Sat Feb 18 9AM SPRC Breakfast. Midway Perkins on University Ave east of Snelling.
- Sat Feb 18 After Breakfast. Circuit Builders. OSS 415 UST Campus\*
- Sat Feb 18 9AM – 1PM St Cloud ARC, 100<sup>th</sup> Cabin Fever Reliever, Haehn Campus Center, College of St. Benedict, St. Joseph, MN
- Sat Feb 25 9AM Circuit Builders. OSS 415 UST Campus\*
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- Sat Mar 11 9AM Circuit Builders. OSS 415 UST Campus\*
- Sat Mar 11 8AM – 2PM Eau Claire ARC 30<sup>th</sup> Annual Equipment Auction, Saving Grace Lutheran Church, 2124 East Ridge Center, Eau Claire, WI
- Sat Mar 18 9AM SPRC Breakfast. Midway Perkins on University Ave east of Snelling.
- Sat Mar 18 After Breakfast. Circuit Builders. OSS 415 UST Campus\*
- Sat Mar 25 9AM Circuit Builders. OSS 415 UST Campus\*
- Sat Mar 25 8AM – 1PM 35<sup>th</sup> Annual Midwinter Madness Hobby Electronics Show, 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.

\*\* Depending on business to be considered, Board Meetings are sometimes held electronically. Check with an officer or board member to confirm that the meeting will be at UST.