



## SEMARC Activities

- Regular Meetings with Educational Programs
- Volunteer Exam Sessions Monthly (ARRL VEC)
- Special Events like "Jamboree on The Air"  
(Annual Scouting Event)
- Annual Field Day Operations  
(Emergency Operations Practice)
- On the Air Nets with Weekly Schedules
- Morse code Practice Weekly
- Fun Events Like Fox Hunts, Contests, Demos
- Explore Special Modes, Television, VoIP
- Social Events, Dinner Banquet, Breakfasts
- Educational Opportunities, Classes, Programs
- Annual Dave Harrell Scholarship Award
- Newcomer Friendly Mentoring, Teaching
- Community Service Functions
  - Public Health & Hospitals Support
  - Marathons, Races, Cycle Events
  - National Night Out (Community Event)
  - Prairie Island Evacuation Drill
  - Storm Spotting (Skywarn)
- Backup Communications (Civil Activity)



Jamboree on the Air (ARRL)

## SEMARC Meetings and Membership



### • Club Meetings

SEMARC meets the last Tuesday of each month at the Zion Lutheran Church at 5800 Hillside Trail in Cottage Grove, MN. Board meetings on the second Tuesday of each month at the same location.

Directions from I-494 & US-61; go south to Jamaica turn left to Hillside Trail and left again to the church. A map is on the SEMARC webpages at [www.semarc.org](http://www.semarc.org).

VE (License Exams) sessions are held here every third Saturday except December. Please call ahead to reserve a spot and mention any special needs.

### • Membership Dues

SEMARC dues are based on the calendar year and are \$20.00 for an individual membership, \$30.00 for a family membership and \$10.00 for a full-time student eighteen years of age or older. A free membership is available for youth under eighteen with the sponsorship of a paid adult member.

### • Joining SEMARC

A membership form will be sent on request by calling or writing. You can stop in at a meeting and fill out a form there. We would love to have you come to one of our meetings. Visitors are always welcome. "Try Before You Buy."

### • Website

Please visit our website at [www.semarc.org](http://www.semarc.org) for more information on items discussed here and a photo album of past activities.

#### Contact:

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1655 - 68th Street West  
Inver Grove Heights, MN 55077-2222

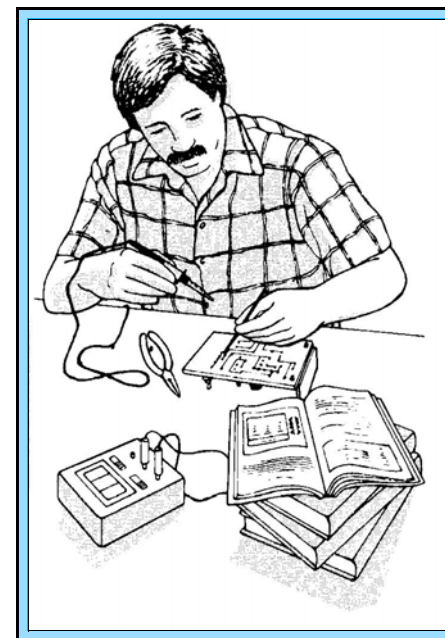
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## South East Metro Amateur Radio Club

[www.semarc.org](http://www.semarc.org)



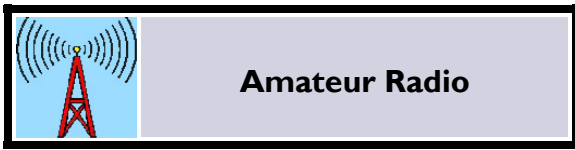
An ARRL Affiliated Radio Club



**ARRL**

The national association for  
AMATEUR RADIO

[www.arrl.org](http://www.arrl.org)



## Amateur Radio

Amateur radio is the hobby of wireless communications. It permits the individual to develop and experiment with radio technology. This radio science is the basis of all wireless communications such as radio, television, satellite communications, wireless networks, cellphone systems, GPS, etc. The FCC has reserved certain radio frequencies for amateur radio use. Licensed operators use these frequencies to experiment and communicate with other radio amateurs all over the world.

This hobby provides excellent opportunities for learning and development. Many young people in amateur radio have found themselves following a path to technical and the engineering sciences. It is also a way to get some real hands-on experience building electronic items, using specialized tools and electronic instruments.

There are three important steps in getting into amateur radio. First join a radio club that will provide mentoring and guidance for the newcomer. Second, join the ARRL, The National Organization for Amateur Radio. Thirdly, plan on spending a little time to learn the basics through books, the Internet and with the help of a mentor. The required FCC license is not at all difficult to obtain.

Radio amateurs have a history of providing public service and emergency communications in times of need. Radio amateurs have provided communications during disasters like fires, floods and storms. Radio operators provide communications for many public service events like races and marathons for practice for that possible emergency situation. For this service, additional training is advised.



## SEMARC

- **History**

The South East Amateur Radio Club is a general purpose radio club founded in the summer of 1988 and it became affiliated with the ARRL in December of that same year. Later it was granted 501(c)(3) status as non-profit corporation. The club's main focus is educational and social, bringing together like minded folks in order to achieve in a group what cannot be achieved by the individual alone.

The Club callsign is WØCGM and it is used on the two meter repeater on 146.985 MHz, for the club station, and for special events.

- **SEMARC Mission Statement (By-laws)**

"It shall be our purpose to further the exchange of information and cooperation between members, to promote radio knowledge through educational programs and activities, and to conduct club business so as to advance the general interest and welfare of Amateur Radio in our communities."

- **Programs & Projects**

The club's emphasis is on the health and growth of amateur radio with programs for youth and training of new hams. It is vitally important to help the new ham setup a station and get on the air. This has long been a tradition of the club since its founding.



SEMARC Field Day (Bernie Hanson, KAØGX)

Following this theme, the club has established the David Harrell Scholarship to be awarded to a local high school senior each year for use in a secondary school or college.

Our programs provide the continuing education required to improve our skills and stay current with developments. Radio science is an evolving science and is closely coupled to developments in electronics and physics. Technology developments such as new packaging techniques like surface mount components and strip line circuits, new propagation software, radio astronomy, satellite communications and micro-controllers are just examples. We also explore new modes like hybrid communication using the internet (VoIP & Echolink) and digital voice and data.

Another major project of the club is the support of the emergency communications needs of local emergency managers and other civil authorities. Participation in drills of simulated chemical spills, severe traffic accidents, fires and nuclear accidents has improved our radio skills.

- **Affiliations**

In addition to the ARRL affiliation, SEMARC partners with the Washington County ARES group in support of local agencies as required in response to emergencies in the area. With this affiliation, we are able to serve a broader base of people in need across Minnesota. The club has often partnered with SARA (Stillwater Amateur Radio Association) on community projects.

- **Repeater Support**

SEMARC supports the WØCGM repeater on 146.985 (with negative offset and no tone) for nets and other short range communications. Repeater can be internet linked for Echolink or VoIP. See the club website for details.



SEMARC Meeting Program (Work Party)