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THE SEMARC TELEGRAPH February 2023

Winter Field Day Edition

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FIRESIDE CHAT

The Fireside Chat is held on the first and third Tuesday of the month. This month it is on Tuesday, February 7th and Tuesday, February 21st at 7:00 p.m. It will be a Webex virtual meeting at:

<https://richardroberts.my.webex.com/meet/rrobert>

The format is open and will be without an agenda or focus. It will be a great opportunity for both new and experienced hams to ask questions and share experiences. Please join us!

SEMARC BOARD MEETING

Our next meeting for the board is February 14th. We plan to have a virtual meeting. Joe Hibberd will send out an email to all members the day before with instructions on how to join in on the meeting.

REGULAR MEMBER MEETING

Our next regular member meeting is February 28th. No program has been planned at this time.

[Cont. on page 3](#)

SEMARC's President Change

Dave Larson, KE0HAL elected as president of SEMARC.

Ryc Lyden KD0ZWM steps down.

[Cont. on page 4](#)

New Washington County EC Appointed

Congratulations to Joe Hibberd, W3QLC, for his approval as the Washington County ARES EC.

Joe has been involved in ARES for years. Joe runs amateur radio nets for sports car rallies in the Midwest area and is a member...

John, KA0HYR

NOTICE:

146.985 Repeater is out of service for repair and users should switch to the 147.18 South with 74.4 tone or 147.18 north with 100 tone **till further notice**. Our Wednesday will be held there.

Dick NØUC

~ 146.985 Update ~

The repeater has been relocated to FS3 (Cottage Grove Fire Station #3) but not installed waiting for paperwork from the city. When spring arrives, snow melts and paperwork catches up with verbal permission, we will install the new repeater antenna.

This will allow us to turn the 146.985 back on for use.

Once on we will plot the new coverage area hopefully returning handheld usability to our group.

Dick NØUC

South East Metro Amateur Radio Club

Dick Roberts, NØUC

1655 - 68th Street West

Inver Grove Heights, MN 55077-2222

651-208-0889 n0uc@comcast.net

MEMBER MEETING PROGRAM SURVEY

The Board is always looking for program ideas for the member meetings. What would you like to see for programs this year? Please send your ideas to Dick Roberts n0uc@comcast.net and he will bring your ideas to the Board meeting.

ARES REPORT

Just a reminder that our ARES repeater frequencies are 147.180, PL 74.4 in Newport, or PL 100 in Forest Lake.

INFORMAL CW ROUND-TABLE NET

Every Wednesday evening at 1900 hours on 28.110 MHz

WEDNESDAY NIGHT 2M NET

Our club holds a 2-meter net every Wednesday at 8:00 p.m. It is an informal, but controlled, net on the 146.985 repeater. We are in the need for several alternate Net Control Stations who can fill in when one of the scheduled NCS is not available.

If you are interested, please contact:

Dick Roberts at
n0uc@comcast.net

THE DIGITAL CORNER

Digital Net follows SEMARC net on Wed pm.

Go to www.w1hkj.com for software & help.

Fldigi v. 3.23.09 Flmsg v. 2.0.17
Flamp v. 2.1.03 Flwrap v. 1.3.4

Meet on 146.985 and QSY to 144.950.

Mode is BPSK125. Other modes possible.

Sign up with N0UC
n0uc@comcast.net for net bulletins & help.

Stillwater Amateur Radio Association

SARA has graciously welcomed SEMARC members to attend their events, and more...

[Round Robin Ragchew on the SARA repeater](#)

147.060 - info to access the repeater is here [W0JH Repeater](#)

Tuesday's - 7:00 pm - 8:00 pm Wednesday's - 9:00 pm - 9:30 pm

[Social/Special Meetings](#)

Thursday Evenings: Social and informal "Eyeball QSO"
sessions from 6PM to 8PM

January VE Session Report

No one signed up or showed up for a test. Not uncommon for January.

I am looking for Extra's or soon to be extra for VE's.

I am not in trouble, but am short of VE's for testing session. We provide all the training. There is an open book test from the ARRL that needs to be taken.

Contact me @ 651-247-2164 or wd0gup@hotmail.com with any questions.

Dan Franz, WD0GUP

VE News

We will be normalizing VE operations as it relates to COVID. For the time being I will still preregister candidates and VE's. That means no walk-ins but we also will not have head count restrictions. I also have incorporated a self-survey and ask anyone that answers yes to any of the questions to call me.

Thanks to all VE's that helped us get through this tough COVID time.

Dan Franz, WD0GUP

Any questions call the club hot line at 651-769-0358 or email wd0gup@hotmail.com.

Planning Calendar

February 7 th	(T) Fireside Chat	March 7 th	(T) Fireside Chat
February 14 th	(T) Board Meeting	March 14 th	(T) Board Meeting
February 18 th	(S) VE Session & B'fast	March 18 th	(S) VE Session & B'fast
February 21 st	(T) Fireside Chat	March 21 st	(T) Fireside Chat
February 28 th	(T) Club Meeting	March 28 th	(T) Club Meeting

SEMARC VE Sessions

VE exam sessions are held every 3rd Saturday (except December). The next VE session is on February 18th. Exams are held at 9:00 am at Zion Lutheran Church. Call 651-769-0358 for information, to register or to arrange for special needs. Information is posted on the webpages also.

A FEW WORDS FROM SEMARC'S PRESIDENT KEØHAL

Members - Welcome to 2023

As you all know, our health is something we can't totally control. Some unexpected heart issues came up over the holidays and necessitated surgery for me that has interrupted my SEMARC involvement for a short time. I wish I were with you tonight and I will be with you for next meeting. I'm not going to bore you tonight with a lot of words and you know I try to be concise and not ramble on. I'm looking forward to a fun year for SEMARC and we once again have a great group of officers and directors to do all we can to make that happen. However, your involvement is what makes SEMARC the great club it is. So please give us ideas and let us know what you like for activities. With everyone's input we can look forward to lots of fun and greater amateur radio knowledge for all of us.

Last but not least, let's all show our appreciation to Ryc Lyden for his club leadership over the recent years!

See you soon and thanks to NØBM and those who assisted putting this event together tonight.

Dave Larson, KEØHAL - President SEMARC

Ryc Lyden KD0ZW last posting as your President

This is my last posting as your President. It has been my honor to represent you over these last few years. I've worked with many boards over my years and continue to do so, but SEMARC will always be one of my favorites. You know how to work and play together. You get the job done while constantly in a party mode! I will look back on this often with a smile on my face.

The general membership is also very special. In fact, many of you have served in positions of leadership over the years and I'm sure some new ones will emerge. In any case, you are a dedicated group of enthusiasts that always step up, share and provide.

Thank you for allowing me in and supporting me over these years.



Ryc Lyden, KD0ZWM, AuxComm, AHIMT

MNARES ASEC-Liaison

Bloomington AuxComm Director

South East Metro Amateur Radio Club

AERO Lead Instructor

Mobile: 651-434-4399

Email: ryclyden@google.com

3438 Cloman Way East

Inver Grove Heights, MN 55076

<http://www.minnesotaares.org/ares/index.php>

[MNARES Facebook](#)

[AERO MN Facebook](#)

SEMARC Adopts New Mission Statement

Among the items discussed and decided at its January 10 meeting the Board of Directors adopted a new mission statement. The reason for the mission statement is to solidify the purpose of SEMARC, and to remind our members of the club's vision and goals. The mission statement is posted on the home page of our website semarc.org and will be included in the Policy & Procedures for the club.

SEMARC Mission Statement

The South East Metro Amateur Radio Club (SEMARC) is incorporated as a 501(c) 3 organization under the laws of Minnesota. The Club first formed in 1988, is headquartered in Cottage Grove, and has been in continuous operation since then.

SEMARC is a general interest amateur radio club whose purpose is serving its members, the amateur radio community in general and the broader communities in which our members live. It is affiliated with the ARRL, The National Association for Amateur Radio®, and supports the member, educational, charitable and technical programs of that association.

SEMARC supports the broader community, as with our youth education and scholarship activities; public service and emergency communications, especially Cottage Grove; participating with the Washington County Amateur Radio Services (ARES) organization; serving as a Federal Communications Commission (FCC) approved partner in providing testing opportunities for those wanting to obtain their licenses; and encouraging members and others to explore the technical, operating, mentoring, service and international goodwill opportunities expected by the FCC of the Amateur Radio Service.

Board Reviewed and adopted 1/10/23

If you have any questions, please contact any board member.

Did you know ...

The SEMARC webpage contains links to many websites that are helpful to new hams and experienced ones. Visit www.semarc.org/P10_UL.htm.

METRO SKYWARN

Metro Skywarn Weekly Radio Check-In

Wednesdays 8:30pm – 8:45pm

Join Metro Skywarn for our weekly amateur radio check-in at **8:30 p.m. every Wednesday** during our active Net Control Station rotation schedule (thru October 16th).

These check-ins will be done on the **146.700- PL 127.3** WC0HC Downtown Minneapolis repeater.

This is your opportunity to **test your equipment** out outside of an active severe weather net. You can also ask the net control operators questions and just say hello!

2023 Winter Field Day Results



What a Winter Field Day weekend - I may be biased, but I think I would have to say it was the BEST yet.

The details are:

Contacts:

Phone: 182

CW: 87

Digital: 1

Total: 270 QSOs

We earned a multiplier of: 10x

Bonus Points:

100 % Alternative Power - 500 pts

Operated at a location away from home - 500 pts

Setup antennas just to use for WFD - 500 pts

Used non-commercial power throughout the contest - 500 pts

Claimed score: 4580

I think WFD 2023 is going to be remembered as one of those wonderful, fun, club events. We worked as a team to erect 2 antennas in 6 degree temperatures which worked flawlessly. The network worked well this year - and the only technical glitch was a PC power supply that failed. There was a backup device that we pressed into service .

Thank you to (and in no particular order):

KA0HYR - John KF9CP - Paul NOUC - Dick NA0L - Chuck KD0UFC - Chris
 KA8VHF - Dave F. WK0X - Gary NOBM - Brian KD0IRF - Dave B

If I forgot anyone, it's from lack of sleep, not appreciation. Oh, before I forget, a shout out to my wife JJ for the hearty chili and combread!

Thanks for the support,

David Blume KD0IRF

2023 Winter Field Day Photos

Thanks to Chuck NAØL for the photos



Cottage Grove Fire Station #3



Dave John Gary Paul Chris Brian Dick
Preparing to brave the cold



Someone forgot to tell Dave it was cold out



2023 Winter Field Day Photos



2023 Midwinter Madness

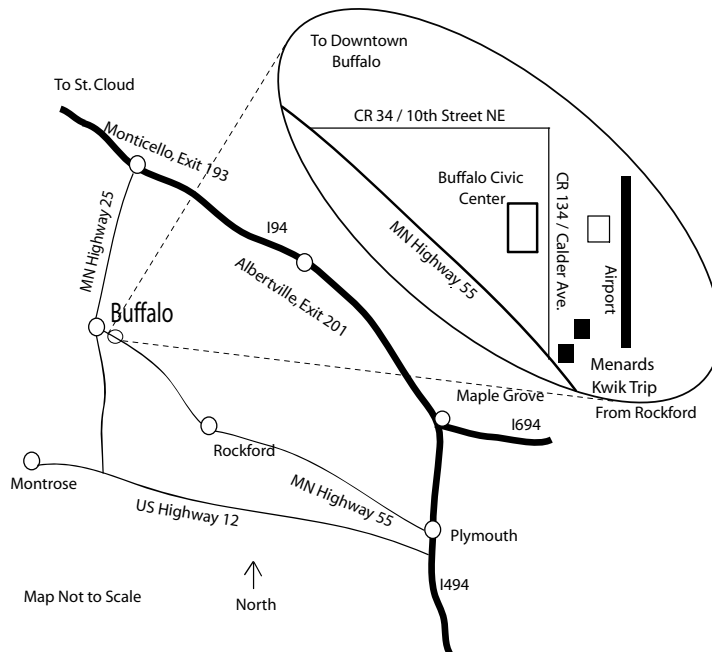
**MIDWINTER MADNESS®**

K0LTC.ORG, Inc

PO Box 22613

Minneapolis MN 55422

Click on image for more information



Announcing the 40th Annual

MIDWINTER MADNESS®
HOBBY ELECTRONICS SHOW**Saturday March 18, 2023****8:00AM - 12:00PM**

Admission: \$10.00 (Includes \$1.00 Raffle)
Under 18 Free

8 foot Swap Table: \$30.00 Each (Subject to availability)

Electricity per vendor: \$15.00 (Subject to availability)

Table in Club Corral: \$20.00 Each
(Club tables may not sell personal items on behalf of its members.)

ADVANCE TABLE REGISTRATION CLOSES Wednesday, March 15.
Tables may not be available the day of the event.

Please visit <https://k0ltc.org> to download table order form, and mail with payment to: K0LTC, Inc PO BOX 22613 Minneapolis MN 55422
Details will be provided about Friday setup times and MN sales tax documentation requirements once your table is confirmed.

No advance sale tickets sales will be made.
Questions: please leave a voice message at 763-537-1722.

Amateur Radio VE Testing:

Saturday, March 18, 2023 **Registration required!**
Exams will start at 7:30AM
Email: mwmve@k0ltc.org for more information and registration.
ARRL VE Fee: \$15.00 Under 18 reduced fee of \$5.00

Buffalo Civic Center

Located at 1306 County Rd 134, Buffalo MN 55313.
Approximately 1/2 Mile North of MN Highway 55 on CR134 (Calder Avenue). The site will be on the left side of Calder Ave as you head North.

Talk-In on the K0LTC Repeater
147.000 +600 CTCSS 114.8

Quality Prizes:

Drawings will be held on March 18, 2023 at 11:30 AM
Grand Prize: \$200 Giga Parts Gift Certificate
Additional Prizes: to be drawn individually
5 \$100 Alpha Antenna Gift Certificates
2 \$100 DX Engineering Gift Certificates
1 \$60 N3FJP Software registration package
2 \$50 ARRL Gift Certificates
2 \$25 ARRL Gift Certificates

QSL card checking for all ARRL awards will be available .

Site is handicap accessible.

Please visit <https://k0ltc.org> for more info!

Hamfests 2023

Hamfests 2023

Additional hamfests can be found on the ARRL hamfests page:

<https://www.arrl.org/hamfests-and-conventions-calendar>

02/18/2023

St. Cloud Amateur Radio Club's "Cabin Fever Reliever"

Location: St. Cloud, MN.

Sponsor: St. Cloud Amateur Radio Club.

Website: <http://w0sv.club>

03/18/2023

Midwinter Madness.

Location: Buffalo, MN.

Sponsor: Maple Grove Radio Club.

Website: <http://k0ltc.org>

03/25/2023

11th Annual Milwaukee Area Swapfest.

Location: Milwaukee, WI.

Sponsor: Milwaukee Radio Amateurs' Club.

Website: <https://www.w9rh.org/club-events/swapfest-2>

05/06/2023

ORC 43rd Annual Spring Indoor Swapfest.

Location: Cedarburg, WI.

Sponsor: Ozaukee Radio Club, Inc.

Website: <https://www.ozaukeeradioclub.org>

06/03/2023

Aurora '23..

Location: Plymouth, MN.

Type: ARRL Convention.

Sponsor: Northern Lights Radio Society.

Website: <http://www.NLRS.club>

06/17/2023

Spring Tailgate Ham Fest.

Location: Plymouth, MN.

Sponsor: Twin City FM Club.

Website: <https://TCFMC.org>

08/26/2023

Northern Plains Regional Radio Council Hamfest.

Location: Brewster, MN.

Sponsor: Northern Plains Regional Radio Council.

Website: <https://www.facebook.com/groups/NPRRC>

AERO Training

AERO will have the courses on the following dates.

AERO 201: Introduction to Net Control for EmComm – Saturday, January 7th 2023

AERO 202: Advanced Net Control for EmComm – Saturday, February 4th, 2023

Location to be determined. Likely at Bloomington Plaza.

Questions please contact:

Ryc Lyden, KD0ZWM, AuxComm, AHIMT

MNARES ASEC-Liaison

Bloomington AuxComm Director

AERO Lead Instructor

Mobile: 651-434-4399

Email: ryclyden@google.com

<http://www.minnesotaares.org/ares/index.php>

[MNARES Facebook](#)

Membership meetings are held in Cottage Grove at the

Zion Lutheran Church 8500 Hillside Trail South

We meet on the LAST Tuesday of the month at 7:00 p.m. **Except December**

Watch for updates and more information in the Sunday Bulletin email message.

New members, especially those who passed one of our VE exam sessions, are encouraged to attend so that we can meet you in person.

We hope to see you there.

(As is our tradition anyone with a birthday in the meeting month is asked to bring cookies or other snack to share.)

New Club Members

New Club members can:

Keep in touch, post amateur related articles, sell amateur related items or asked for help and/or questions of other members.

This is a private network for our member's only and does not allow incoming or outgoing traffic to other networks.

Members will be getting an email requesting them to join and they can opt in or out. This will occur in the first week of November

Dick NØUC

SEMARC Operating Events – 2023

SEMARC hosts many activities during the year: on-air nets (CW, FM, Digital); meetings, both in person and virtual; special virtual meetings like Fireside Chats; volunteer exams, and, **OPERATING EVENTS!**

Operating events provide chances for club members to meet, practice their operating skills and have fun. Our operating events are also good opportunities for members without stations or who are new to the hobby, to gain lots of experience in a fun atmosphere. In each of the events described below, a club lead is identified, so that everyone knows who to contact to offer their help or find out how to participate.

Events scheduled for 2023.... (some more may be added)

Winter Field Day

Designed to encourage emergency communications capabilities during winter months; takes place January 28 and 29 at Fire Station #3 in Cottage Grove. We will attempt to work as many other stations as possible in the 24 hours of the event.

Club lead is Dave, KD0IRF.

Minnesota QSO Party

Sponsored by the MWA, this event is an on-the air party, where stations around the country and the world try and work stations in each of Minnesota's counties. Unlike other operating events, this one does not allow club scores nor does it allow member scores to be assigned to a SEMARC entry; takes place February 4th from 8:00 AM to 6:00 PM. There will be an intra club scrimmage on this event; let's see which of our members has the highest score for the party!

Club lead is Brian, N0BM.

FOXHUNT!!!!

Who doesn't love to chase and find the radio fox? This event requires participants to use their radio direction skills to find hidden transmitters; in the past, there has even been an opportunity for members to hunt the fox using only their cell phones. The spring hunt is scheduled to be on April 29 and begins at the Zion Lutheran Church at 9:00 AM.

Club lead is Dan, WD0GUP.

W0CGM/35

SEMARC celebrates the 35th anniversary of its founding in 20023. We anticipate celebrating that achievement with an on-the-air operation from May 18 to May 20. Thursday and Friday during that time span will allow individual club members to operate as W0CGM/35 from their home stations; if there is sufficient enthusiasm, we will close the celebration as a club, operating from Fire Station #3. Fun time, good club.

Club lead is Brian, N0BM.

ARRL Field Day

This is the granddaddy of field operating events, where tens of thousands of U.S. hams take to the field, show their capabilities for emergency setup and work as many other stations as possible in a 24-hour period. Takes place June 24 and 25 this year. The club will gather/ operate at Fire Station # 3 in Cottage Grove. There are many ways club members can contribute to the success of our FD effort: setup and take down; safety officer; operating and logging; copying the field day bulletin; satellite QSO; running for coffee and snacks, etc.

Club lead is Dave, KD0IRF...and he can use help in this effort.

POTA Activation

Many hams take to state and federal parks to activate the, as part of parks-on-the-air. In the past, we have operated from Mississippi River National Recreation Area and Afton State Park.

We are holding August/September for a POTA activation, date, time and place to be determined. If there is sufficient member interest, we may have an activation each month.

Club lead is Brian, N0BM.

FOXHUNT REDUX!!

Who could imagine such fun? The second foxhunt in the year. The fall hunt is scheduled for October 7 and begins at the Zion Lutheran Church at 9:00 AM.

Club lead is Dan, WD0GUP.

Build a 1920s Tube Amplifier & Tubes!

I ran across this YouTube video last night and was captivated by this person's construction of two tubes. Thought you all would be interested in watching this. I particularly interested in the tools used: common, some homemade.

"Building a 1920s Tube Amplifier (And Tubes!)"

<https://www.youtube.com/watch?v=-UEfqAWb3fE>

Dave KA8VHF



SEMARC at Groups.io

SEMARC at Groups.io

This is an email groups service that enables users to post and share messages to all who have signed in to the group. Sign up information is listed below under "Contacts".

SEMARC Contacts

- Groups.io. Post your messages at <https://groups.io/g/SEMARC> If you're not a member of the message group yet, contact SEMARC+subscribe@groups.io
- Facebook. Visit us at <https://www.facebook.com/groups/1525920597716897>
- Twitter. Follow us at @wØcgm

Club Apparel

You have seen some members wearing SEMARC caps, shirts and jackets. If you would like to order one for yourself, visit our website at [ApparelOrderForm.pdf \(semarc.org\)](#), then contact our order coordinator Dan Franz at wd0gup@hotmail.com. Dan will accept your order and payment, then order the item(s) from our vendor Advanced Sportswear in Newport.

If you have questions, contact Joe Hibberd at joehibberd11@gmail.com.

Winlink Training Net

Starting on April 6, 2022 we will be holding a Winlink training net after our regular Wednesday two meter activity net for persons interested in using the Winlink programs and for ARES members to improve their proficiency in using the tool during emergency communication events. This net will start after completion of the activity and last about an hour.

The net will start on the 147.18 repeater to collect a roster and setup the instructions for the training and practice. We will then move to the MN ARES digital frequency to do the hands on portion of the net. We will be concentrating on point to point communication. Since during most communication emergencies the loss of the internet is very likely the need for P2P is high. During a communications emergency it is all hands on deck so you don't need to be an ARES member to help out. It is easier to learn now than during the emergency. We will be learning how to move traffic via P2P to a local destination or to a gateway station that has internet connectivity. The use of forms and message content is for a different training segment for another time not this net.

Before net time make yourself acquainted with winlink and winlink express. Take time to view the youtube links and install the needed software. We will be using VARA FM during the hands on portion of the nets. The links are provided below. There will be a number of questions that will pop up and we will work through those as the nets go along. As these are training nets hopefully your questions will get answers. As you have heard many times practice make perfection or as us older fellows say "practice helps us remember". If you have questions on ARES send to Joe Hibberd joehibberd11@gmail.com about the net n0uc.comcast.net

CU on the nets, 73

Dick N0UC

Washington County ARES

Welcome to the Washington County ARES website (ARES Unit 163MN01).... Face-to-face ARES activities are in suspension until further notice due to Covid-19.... Check the two ARES Digital Nets in Minnesota and participate; Info under the [Events tab](#) gives details... 60 Meter Interoperability exercises scheduled = see events tab and participate with us!!....The 147.180 Repeater is running at the Newport site (PL 74.4) and Forest Lake site(PL 100); we use this repeater for drills and activations. This covers the entire county and is in our WashCoARES Emergency Communications Plan... Support our Amateur Radio Clubs through your participation.

The ARRL, upon the recommendations of Minnesota Section Manager Bill Mitchell AE0EE and Minnesota Section Emergency Coordinator Benton Jackson K0BHJ, has appointed Joe Hibberd W3QLC as the new Emergency Coordinator (EC) for Washington County. Joe will be working with former Washington County EC John Regan KA0HYR for the transition. A meeting of Washington County ARES will be scheduled for the Spring.

Anyone interested in joining Washington County ARES should contact me at joehibberd11@gmail.com.

Joe Hibberd W3QLC



WORLDWIDE CONTESTS

Thank you to [Bruce Horn WA7BNM](#) for the sharing of his calendar
Main website <https://www.contestcalendar.com/>



February Worldwide Contests

click map for list

