



# THE HAMSTER



**August 2025**

**Official Monthly Publication of the *Rochester Amateur Radio Club***



***It's That Time Again For The  
The Annual *RARC* Picnic!***

***See Pages 4 & 5 For All The Details Including A Construction Bypass Map To The Marion KOA***



# THE HAMSTER

## 2025 Rochester Amateur Radio Club Officers

**President:** [Pat Hagge](#) (KEOWWG)

**Vice President:** [Dan Stroh](#) (N0SPN)

**Treasurer:** [George Hopkins](#) (N0UM)

**Secretary:** [Collin Howe](#) (AA0CN)

**Member-at-large:** [Steve Wiebke](#) (W0STV)

**Trustee:** [Steve Wiebke](#) (W0STV)

The Hamster is the official monthly newsletter publication of the **Rochester (MN) Amateur Radio Club (RARC)**. The Hamster is distributed monthly via the official RARC [groups.io](#) email free to members and non-members and is also available online in the club website: [www.rarchams.org](#).

Rochester (MN) Amateur Radio Club was founded in 1932 and has been an **ARRL** (Amateur Radio Relay League) Affiliated club for 50+ years.

All members are invited to [contact the Hamster](#) with comments and/or questions. Additionally, members are encouraged to suggest or submit story ideas or content to the Hamster via the Editor's email link below.

The Hamster has an *outstanding* staff of regular contributors and you are invited to join the team!

[G. Mark Kelm](#) (K0GMK) - Editor

## This Month In The Hamster

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# THE HAMSTER



## *The Editor Says...*

G. Mark Kelm (K0GMK)

### ***RARC Annual Picnic Tuesday, August 12th @ 6:00 PM***

*The **Annual RARC Picnic** is scheduled for Tuesday, August 12th in lieu of the regular club meeting. The picnic will be held at the **Marion KOA Campground**. Please see page 5 for detailed turn-by-turn detour driving instructions and a map to Marion and the KOA Campground.*

*The construction work on the Hwy 52/I-90 interchange is well underway (see photo on page 4) but southbound traffic to Marion on Hwy 52 is closed thus the easy detour directions included from the Rochester beltline (Hwy 14).*

***RARC** will be providing the BBQ food catered for your picnic dining pleasure. The menu details will be published by Pat (KE0WWG) on the [RARC groups.io email reflector](https://groups.io/g/rarc) in the near future. Picnic talk-in will be on **147.255** and in order to reach the Marion picnic site be sure to run full power. Bring your lawn chairs and the beverage of your choice.*

***RARC** will have some donated ham radio related items for sale - prices will be fantastic!*

*Thanks to all the ARES members volunteering the past month during Skywarn activations! Keeping our community safe by storm spotting or reporting significant conditions from your QTH is appreciated.*

*New this month to the Hamster is the **ARRL Dakota Division Happenings** by Bill (AC0W) on pages 29 and 30. **Contest Corner** (K4IU) and **Hamster Hints** (KE0EXE) anchor each months issues with locally generated content and don't miss the **ARES** and **Community Service** (W0STV) columns to keep up to date with the wide range of training and ham related activities available.*

*Last but not least, pages 11 and 12 feature some additional photos from **Field Day**.*



# RARC Annual Picnic

Dan Stroh (N0SPN) - Vice-President

**RARC Annual Picnic - Tuesday August  
12, 2025 @ 6:00 PM (2300 UTC)**

***No August Meeting @ EOC***

***KOA Campground - Marion, MN - See Detour Directions/Map on next page***

- ***Catered BBQ food will be provided by RARC.***
- ***Ham radio donated items will be for sale at terrific prices.***
- ***Talk-in will be on 147.255 (remember to use high power on your mobile radio as HTs may not be able to reach the KOA Campground.***
- ***Bring your camp chair and a beverage of your choice.***
- ***Detailed detour turn-by-turn driving instructions and map to the Marion KOA on page 5.***



**Interstate 90/Highway 52 Interchange Construction north of Marion, MN. Please see detour map and directions to Marion KOA on page 5.**



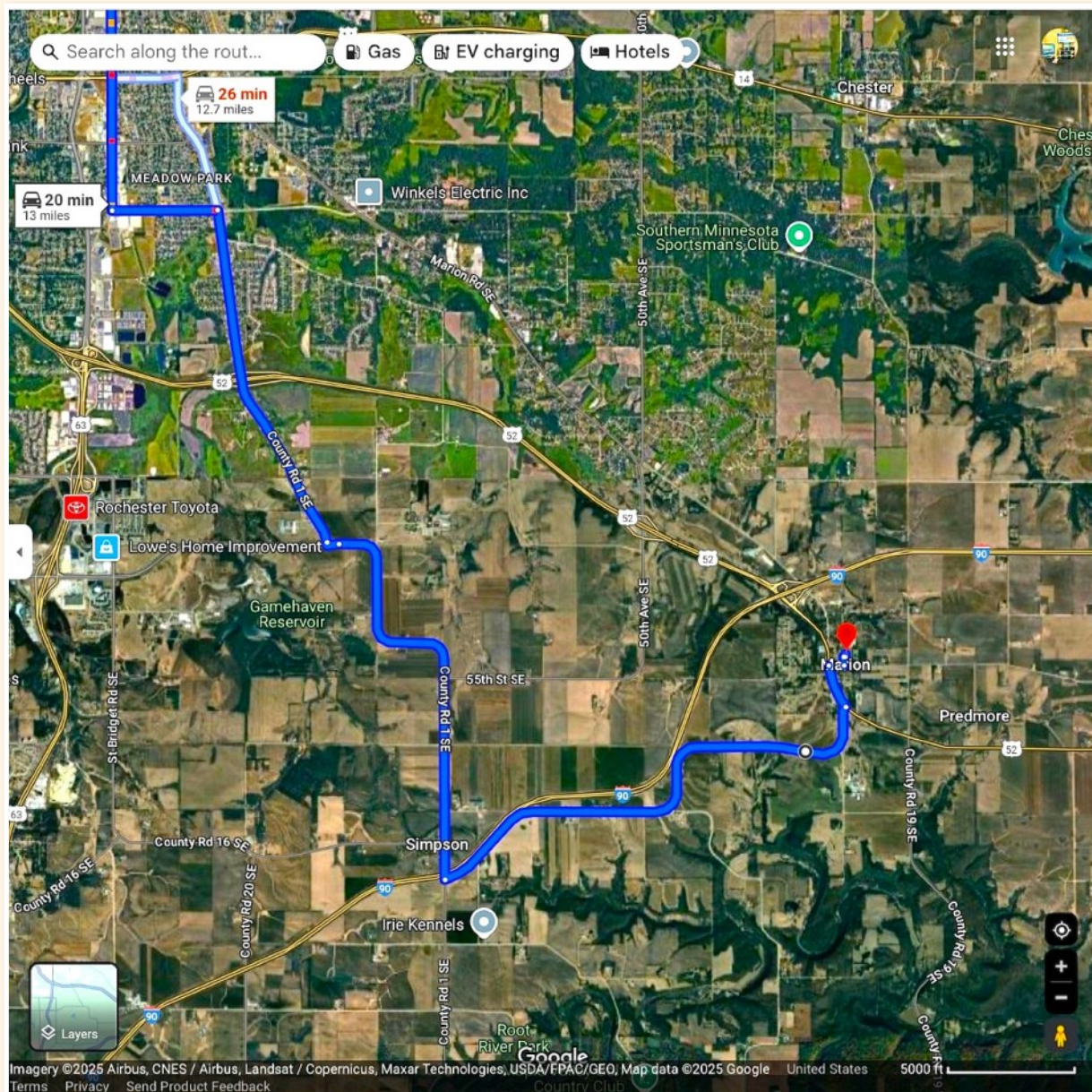


# RARC Annual Picnic

Dan Stroh (N0SPN) - Vice-President

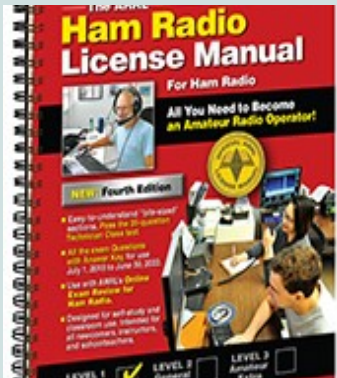
## Directions To Marion KOA Campground:

- On South Broadway turn left on Hwy 14 East (the Beltline)
- Turn Right on 11th Ave. SE (County Road 1) that runs past Mayo High School
- Continue south on County Road 1 to past Simpson under the I-90 overpass
- Turn Left On County 16 (Just past I-90 overpass)
- Stay on County 16 to Hwy 52 intersection south of Marion
- Turn Left (North) on Hwy 52 to Marion
- Turn Right in Marion on 54th St. SE - KOA Campground will be on your immediate Left and you will see the **RARC** Picnic gathering



# Education

Dave (KØVH)



***The first step needed to really get into Amateur Radio is to get your Amateur Radio License. This license is required in order to transmit on any of the Amateur Radio frequencies – however, listening does not. Listening is only part of the fun, so we encourage you to get your license so you can get the full experience!***

***Click on the ARRL link below to get your ham radio hobby started:***



**[Getting Licensed - Step by Step](#)**





## Wednesday Morning RARC Ham Radio Gathering



**YOU'RE  
INVITED**



- **Wednesdays at 9:00 AM (1400 Zulu)**
- **New! Rooster's (North Location) - 2280 Superior Drive NW**



# ARES

## Amateur Radio Emergency Service

### Olmsted ARES Mission Statement:

*To be so effective that you are able to help others.*

**The number of radio station check-ins to Olmsted Sunday night ARES nets has been very good.** I am impressed with the number of email check-ins to the [w0mxw@yahoo.com](mailto:w0mxw@yahoo.com) and especially to the [w0mxw@winlink.org](mailto:w0mxw@winlink.org) email that almost equaled the Yahoo email check ins. It's the people that make things happen, always feel free to join and make things happen for the first time. Everyone starts at the beginning! We need more APRS check-ins for our Sunday ARES net. Olmsted/Dodge ARES and Skywarn promote phone APRS apps to monitor your radio station location, and directions. **Review these YouTube videos to understand how to install and use with Android phones:** [APRSDroid Deep Dive](#), and for **iPhones:** [aprs.fi iPhone and iPad app](#). This information is as important as a radio itself.

**Due to scheduling the next ARES meeting August 9th on Saturday "BEFORE" the RARC meeting.** The training will simulate using forms, memory sticks, and printers to transfer information to and from served agencies. This Winlink hands on lab is for learning to find issues and problems before we need to use it for real.

**Dodge County ARES/EC Marvin/KC0CLC has decided to keep their Sunday ARES nets separate from the Olmsted ARES nets.** Olmsted/Dodge County ARES will train and operate as one unit for public services, skywarn, and emergency communications. We look forward to meeting more Dodge County ham radio operators for training and operations. Dodge County storm spotters are requested to transmit their APRS locations during Skywarn activations.

Continued On Next Page





# ARES

## Amateur Radio Emergency Service

**We are looking for new members to join either Dodge or Olmsted ARES.** We only require you to have the drive to learn and establish yourself in either group. For Olmsted ARES contact [mail-to:w0stv@yahoo.com](mailto:w0stv@yahoo.com) and for Dodge County contact [kc0clc@arrl.net](mailto:kc0clc@arrl.net). The more you know.

**Olmsted ARES has been requested for a tabletop multiagency drill at the Rochester EOC in October** for a construction disaster drill. These meetings train Olmsted ARES EC, and AEC's how we will be incorporated to coordinate, communicate, to maximize information to our served agencies. This is why we train monthly to be so effective that we are able to be helpful to others.

**Steve Wiebke (W0STV) - Olmsted/Rochester ARES EC**

*The more preparation, the less confusion*



# ARES

## Community Service

**There is one, possibly two more public service events for the RARC this year.** The **Scheels Healthy Human Race** is on **August 23rd**. There will be a signup sheet on the RARCHAMS.ORG web site soon.

We need radio operators to sign up to fill the 4 water stops, the golf carts and shadowing positions. This is a half marathon that should finish early in the day. Only HTs will be needed along with your event go gear.

**For the second event I want to offer to help Winona Amateur Radio Club with their Ride the Ridges.** We need to be sure we have the manpower before approaching them to help establish a radio station at the Rushford water stop and monitor the roads between Money Creek to Rushford and from Rushford to Houston.

This will require mobile radio stations, coordination and flexibility. This event signup sheet will also be posted on the RARC web site soon to see if we can help. I will also have updates and have more information on the nets, [groups.io](https://groups.io) and at RARC meetings.

**Steve Wiebke (W0STV) - Olmsted/Rochester ARES EC**

*The more preparation, the less confusion*



# ARES

## Field Day 2025 Photos







# ARES

## Field Day 2025 Photos



# Contest Corner

**Fred (K4IU)**



**Summer is ebbing away!** Many of us have antenna projects and improvements to complete as we head into August. Hard to believe the primetime contesting is quickly approaching. There are more “warm up” contests in August including:

- **August 2-3 North American QSO Party (NAQP) CW**, this is always a casual and friendly get together. You can do as much or as little as you want. The exchange is your name and state.
- **August 9-10 Worked All Europe CW (WAE)**, This is also a type of QSO party except that the objective for US stations is to work only the 50 sovereign EU countries. There is also a twist in that you can earn additional points by passing traffic called QTCs (data of previously logged QSOs), to the EU stations. You will need to brush up on the QTC rules and use a logging program which automates the exchange. I use N1MM. A detailed explanation and implementation of [N1MM](#) features for this contest is [here](#).
- **August 16-17 SARTG WW RTTY Contest**, This is a fun RTTY contest sponsored by our Scandinavian friends. There are just a handful of international RTTY events each year. This one is a good one with support and nice award certificates.
- **August 16-17 North American QSO Party (NAQP) SSB**, This is the SSB version of the CW NAQP. Keep in mind that this is a 12-hour contest but you can only operate 10 hours max so there is still time to enjoy the weekend. Power is limited to 100 watts. I like this one because you can put a face behind some of the people you meet on the CW segments.
- **August 30-31 WW Digi Contest**: Since its debut in 2019 this Digi contest is very popular. It's sponsored by the Slovenia Contest Club and the Worldwide Radio Foundation Club. It has some unique scoring that's generated by the WSJT-X suite of programs. If you're new to digi conte As you can see there is something for everyone in July. Check the [WA7BNM calendar](#) website for more August contests.



# Contest Corner

Fred (K4IU)



**Although not typically a contesting topic QSL cards are an important amateur radio tradition.** They serve as confirmation of two-way radio communications. Originating in the early 20th century, the term "QSL" comes from the Q code meaning "I confirm receipt of your transmission." Initially QSLs were simple postcards. These cards evolved to include details like call signs, date, time, frequency, and signal reports, often featuring personalized designs reflecting the operator's photo, interests, location, or equipment. In the 60s and 70s new hams would get ads from QSO card printers who often knew your call even before the official FCC "ticket" arrived.

**Besides their primary function of verifying contact,** QSL cards are/were collected, with hams often adorning their shacks with cards from rare DX (distance) contacts or unique designs. They are also important "proof" of contact for earning various amateur radio awards and certificates, such as "Worked All States" (WAS) or "DX Century Club" (DXCC), where confirmed contacts are required for issuing the award. Despite the advent of digital logging and confirmation systems like Logbook of The World (LoTW), and eQSL the physical QSL card is part of ham radio heritage and historical significance.

73  
Fred (K4IU)







# Hamster Hints

Bob (KE0EXE)

**These days, every idea that anyone has, for making money or just trying to waste your attention for a few minutes, is called a "hack" (I find this unfortunate).** Mostly I hate how the use-meanings of words get diluted, for no good purpose, I refuse to refer to any Hamster Hint by this label.

**This month is a grab-bag describing a couple of hints or tricks.** The first involves the repair of my wheelbarrow's cracked plastic rim, using a dowel, a couple of wood screws, and a few sticks of hot glue (see photo's). I've used this technique on several other plastic items, especially when the plastic is of a type (like Nylon) which won't bond to "Plastic-Bonder" epoxy. Be sure to clean the surfaces well before applying the glue; roughing them up a bit with sandpaper can also help the hot-melt glue to stick better. (I use my wheelbarrow to haul-away some of dirt from the holes I dig for antenna masts!)



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so

the



# Hamster Hints

**Bob (KE0EXE)**







# Hamster Hints

Bob (KE0EXE)

**Here is my favorite, for this month:** a way to replace ropes or para-cords, in wire-antenna anchors, from the ground (assuming the cord still free-moving in the pulley, which is up in the tree, at the lanyard/anchor). Simply use a small flame to liquify the plastic material of the cords, on their ends. Do this, at the same time, to the old cord and the new cord, then push the two ends into each other, to fuse them together. Wear at least one old glove, you can shape the joint "flat" (or 'round, as the case may be) without burning your fingers, as it cools and re-solidifies. This creates relatively strong joint that may be pulled up and easily passed through the pulley. It is stronger, more flexible, and more "linear" than a joint made using tape, for instance, to hold the two cords together.



Continued On Next Page





# Hamster Hints

**Bob (KE0EXE)**

**Finally, I've included one photo of the apparatus I used recently to "drop" a weighted para-cord over a high tree branch, using my long, aluminum pole.** Once the 'K-tool' was in place, I pulled hard on the camo-cord, to release the clamped paint-stick (and thus the padlock and red para-cord). The weight fell on the other side of the branch, pulling the red line with it.

**Happy Antenna-Maintenance Season (AMS) to all! (For a Ham, "There are only two seasons in Minnesota: Winter and AMS!")**







# Hamster Hints

**Bob (KE0EXE)**



# RARC Tech Committee - 7/9/25 Meeting

## Mayo

- Pat H. has been doing some investigation on the D-STAR computer and its setup.
- The port that was failing the port check is no longer failing, and a protocol was missing on a few ports causing a new failure. This was fixed.
- Also, there appeared to be a collision on an IP address between the gateway server and the repeater. The conflict was changed to make sure things will talk, but we may need to update the Gateways IP in the repeater
- We need to attach a Windows PC to the repeater to verify/change the settings (and back them up).
- Weird that Icom uses Windows for one utility and Linux for another.
- The Gateway is currently syncing to the cloud: showing no required updates, version statuses are OK, and pages are shown as OK.
- Reflector check during meeting was unsuccessful, likely since the repeater cannot find the Gateway.
- Work with Darrell on getting access.
- Taylor and Mark are still waiting on access.
- Control Operator Docs. Taylor started on this.
- No response from John S.
- Maybe rewrite from scratch.
- Time set codes, etc.
- **Board members/Tech committee**
- Password/data sharing process should be developed.
- Google Drive. Share with appropriate people.



# **RARC Tech Committee - 7/9/25 Meeting**

- Pat H to work on a template.
- **Olmsted EOC**
- Remaining radio setup still to do.
- **Rochester EOC**
- Tables built and are in trailer.
- Need to do some remodeling to get them into their final place.
- Should get CO monitor for the trailer.
- Steve, battery operated may be in the trailer. Check manufacturer date.
- **Club hardware sales**
- Several local open houses.
- Onalaska Hamfest.
- Storage unit rental will not be renewed.
- **Field Day**
- Sell the antiquated equipment:
- Military mast
- Beams
- Icom 718
- **125 Live**
- Purchase a new balun? to get vertical working. Request for funds. Approval from Tech Committee.



## Weekly Nets

- ♦ **Monday 8 p.m. RARC Elmers' Net** 146.820 repeater (PL Tone 100)
- ♦ **Tuesday 7 p.m.** (except on Club Meeting Nights) **RARC 10 Meter Net** meets on 28.325 Mhz. USB. The Net is cancelled without notice if lightning in the area or SkyWarn activation.
- ♦ **Wednesday 7 p.m.** 146.820 Repeater. The first Net of each month is a voice net, and it's the **SE MN District ARES 2 Meter Digital Net**. The other weeks, it is an informal digital net, using the digital protocol announced for the week on the Net and NBEMS.

*Most use **FLDIGI** and the rest of the **NBEMS** suite of programs, all of which are free. MT63 is a very forgiving mode. You can do MT63 on VHF without a soundcard modem - 'acoustic coupling' works fine. meaning you can hold your HT up to the mic on your computer and copy it very well and do the reverse to transmit.*

- ♦ **Thursday 8 p.m. ARES 80 Meter HF Digital Net**, 3583.5 kHz, Olivia 8/500
- ♦ **Daily M-F about 11:30 a.m.** - Repeater Of The Week - **Very Informal Morning Net** - If you show up and there is no net control, become one! The object of this net is to encourage more on-air activity.
- ♦ **Saturday 8:30 p.m. Iowa D-Star Net** on D-Star Reflector XLS632A
- ♦ **Sunday 7:30 p.m. Minnesota D-Star Net** on D-Star Reflector XLS632A
- ♦ **Sunday 8:30 p.m. Dodge County ARES Net** on the 146.820 (PL Tone 100) Repeater at 8:30 p.m.
- ♦ **Sunday 9:00 p.m. RARC/ARES Net:** 147.255 repeater (PL Tone 100) Odd numbered Sundays  
146.820 repeater (PL Tone 100) Even Numbered Sundays



# RARC MEETING MINUTES

Collin (AA0CN) - RARC Secretary

## Meeting Minutes, June 2025

- Business meeting starting first, to give more time for program.
- See newsletter/calendar for announcements!
- Ares Meeting on the 19th
- K0WOZ is running an antenna building group, contact via Groups.io

### Committee and other reports:

**VP report:** Program is picnic! Annual picnic in August, bring appetite. KOA Marion/Rochester campsite. VHF stop distance \* S-Meter / watts for score, 4 stops ~1mile apart each. Swapmeet also, getting rid of last of the storage gear.

**Secretary's report:** Received and in the Newsletter.

### Treasurer's Report 2025-July

- Checking:
- Opening Balance: \$3,826.04
- Credits:
- Dues:
- PayPal Dues:
- Equipment Sold: \$1,427.00
- Raffle: \$18.00
- Donation: \$60.00
- Misc:





# RARC MEETING MINUTES

**Debits:**

- RPU \$41.42
- Meeting Food
- PayPal Charges
- Field Day:
- Picnic
- Equipment
- Tower Lease \$125.00
- Insurance
- Web domain
- Postage
- Misc. Hamfest tables \$55.00
- Misc. Ant Bait \$21.54
- Misc. Dispose old TV \$20.00

**Total: \$5,068.08**

**Savings:**

- Opening Balance \$9,826.14

**Credits:**

- Interest: \$0.39

**Closing Balance: \$9,862.53**



# RARC MEETING MINUTES

## Technical Committee: Eric KF0S

- **Mayo DSTAR repeater** – port was failing, Pat fixed that one and a new one is failing now. Status page shows OK + Updated (gateway to internet). IP Conflict resolved. Repeater/Gateway server might need work still. Showing up with frequency on APRS, showing up as an 'A' side, should be 'B' side.
- **County EOC:** remaining radio set up.
- **ARES Trailer** – new tables ready, need to install. Check CO detector in trailer.
- **Club HW sales** – Onalaska hamfest went well. Not renewing our storage rental - might need to move stuff.
- Looking to sell some older equipment; Military mast, beams, Icom 718.

**125Live discussion:** Parts to get vertical antenna working (request for funds in new business).

**Field Day:** ACOW pictures published in newsletter!

**Contesting:** NAQP RTTY contest and NAQP SSB contest coming up, check contesting section of newsletter for details!

**Education:** Maple Grove still going strong!

**JM Radio Club:** Quick request – AA3ME: Pat W0BM invested in HF radio kits, looking for people to mentor soldering this fall 3:45-5PM

**ARES:** Trailer ants! ARES group meeting on the 19th.

**125Live:** Moved the date by 1 week. 19th July. Open to 125Live social members; how to stay connected during a disaster. Basics in grid-down considerations and communications. Think the balun for their antenna is bad. Up to \$250 expense for new business to get new balun for this.

## Events:

- **Winona county fair** :7/9 Wednesday from 4pm-8pm ARES demonstration, public service, our repeater traffic activity
- **Plymouth swap meet:** 8AM-12PM: Magic Trailer event, free to attend, \$5 to sell.
- **FEMA mock drill on 7/9:** New Madrid fault simulation. ARES involvement and EOC, using WinLink sending forms to FEMA (Field Situation Report) W0STV + Jacobson and Olmsted EOC.



# RARC MEETING MINUTES

- KOA equipment estate sale – Will square up, \$175 check for 50/50 split.
- W0STV renewed W0MXW license, and trustee has been switched over.

## Old Business:

- **Gamehaven Ham Station** – Tabled for now, need to seek interest.
- **Field Day:** Scores being tabulated. Weather was good! Preliminary score, 278 contacts + multipliers + youth operators + Bonus points. Logging went well.

## New Business:

- **15Live Balun** (\$250 limit), W0STV proposed, AA0CN seconded, approved.
- **August Picnic:** interest in catered? Pulled pork? Proposed by Pat, to investigate Famous Daves and Hy-Vee.
- **Thinking of selling gear:** Mosely beams and military mast. Think about replacing it with 12' boom TA33Jr (\$700) + Rotor + 150ft control cable + coax. Plan to use aluminum trailer tower (does Winona use it still? Its primary use is State 900MHz fill-ins).
- **Sharon might have JK antenna that she might not have a use for + rotor:**
  - **Antenna:** JK-C3S Tri bander (10-15-20) 12 ft boom with balun \$800.00 (over \$1200 new with tax and shipping) <https://jkantennas.com/c3s-jk.html>
  - **Rotor:** Yaesu G-1000 with Green Heron Rt-21 controller \$750.00 (over \$1000 new with tax and shipping) <https://www.greenheronengineering.com/product/g-1000-package-yaesu-g-1000-with-rt-21-controller>
  - **Thrust Bearing:** Yaesu G-065 \$45.00 (\$60 new at HRO)
  - **Tower:** Glen Martin 1832 roof tower \$650.00 (17.5 ft when assembled. This is used but in like-new condition if you can find one)
- **Taking proposals for new mast at later meetings.**
- **Sell the military mast: Proposed, seconded, passed. AA0CN started bidding at \$1!**





# RARC MEETING MINUTES

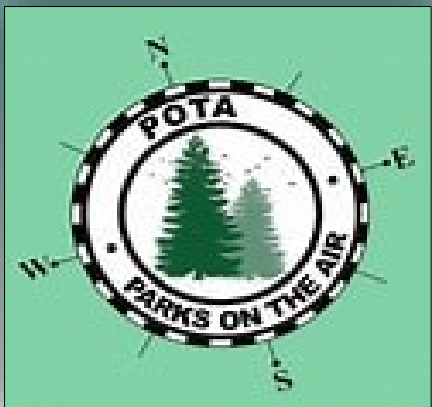
- **Selling Icom 718 HF radio** – Proposal to buy two new Yaesu FT-710AESS radios. Need 12V power supplies, we can find monitors.
- **KF0S proposal:** buy 2x 710AESS, 2x power supplies, sell IC-718. W0STV seconds. Motion passed.

**Field Day:** Alex and Drew operating out of ARES trailer. They got licenses online, Eli also.

**Bill Osler Youth Education grant** to be amended to cover online test fees, for youth (<21YO) residing in Olmsted County or Dodge County for first-time licensees, in addition to in-person test sessions as previously approved. Retroactive for all of 2024-2025. W0STV motioned, Waldemar seconded, approved (amended amendment).

**Raffle:** Explanation of activity. 146.580 simplex.

**Meeting Adjourned**



# Parks On The Air® (POTA)

**It's *Summer* POTA Time!**

Perhaps you've heard talk on the repeaters or on one of the Nets about [Parks On The Air \(POTA\)](#). You might be interested and think that it could be **fun to operate your rig and antenna remotely in a beautiful outdoor setting.**

In a nutshell it's all about operating in a state or national park, state trail, national monument, historical location or battlefield and making at least 10 QSOs to "activate" the entity. It's as simple as that, but there are a few [rules](#).

Take a look at the [Parks On The Air](#) website, view the [FAQ page](#), the [Help/Getting Started](#) section and perhaps view some of the getting started [videos](#) by seasoned POTA operators. If you are interested in becoming an Activator fill out the [sign-up](#) to become a member and get started.

**Do you know that there is a [POTA entity in Rochester?](#)**







## Happenings In The Dakota Division

**Bill Lippert (AC0W) ARRL Dakota Division Director**

Happy Independence Day. Hope you enjoyed activities in your area today and were able to stay hydrated in the heat. This morning, I did my part and performed with the Austin Community Band in the local parade. Then tonight the band will be performing before the fireworks display. For now, the weather looks dry tonight so the performance will go on.

Field Day is behind us and hopefully you all had a good event, plus avoided the weather and the bad weather. I know a few groups got caught in it, with one having a tornado about ¼ mile from their site. Fortunately, everyone was safe. More details will be in my Post Field Day Newsletter, that I will get out in a day or two.

Next weekend I will be in Minot, ND at the ARRL North Dakota Section Convention and SVARC Summer Hamfest. Vice Director Lynn Nelson and ND Section Manager Ralph Fettig will also be there. So come out and pay us a visit.

When I get home from that a few days later off to Newington, CT for the July Board of Directors meeting. Right now, it is shaping up to be an easy agenda. From the Program and Services Committee (PSC) there's potential for up to eight different awards that could be awarded. These will be reviewed during the PSC Meeting and appropriate recipients will be recommended to the Board for approval. Also, at the PSC meeting we will be getting updates from the Contest Advisory Committee and the DX Advisory Committee. As I write this, neither of those advisory



## Happenings In The Dakota Division

**Bill Lippert (AC0W) ARRL Dakota Division Director**

committees have anything that needs to be acted upon.

Lynn will be participating in the Historic Committee meeting. The Historic Committee is working on creating an on-line museum of the many historic artifacts that have been donated to the ARRL over the years. While there are several reasons to get this done, one is not everyone can get to Newington to see the equipment, so the online museum makes it easy for everyone to view. The other is we don't have the physical space to display all the equipment. Putting it online eliminates building a facility to display it all.

73

Bill Lippert AC0W  
ARRL Director  
Dakota Division  
ac0w@arrl.org

Division elected leaders:

Director Bill Lippert, AC0W ac0w@arrl.org  
Vice Director Lynn Nelson, W0ND w0nd@arrl.org

MN Section Manager Bill Mitchell, AE0EE wsmitchell3@gmail.com  
ND Section Manager Ralph Fettig, N0RDF fettigrd@gmail.com  
SD Section Manager Chris Stallkamp, KI0D ki0d@arrl.org





- Are you a member of the [ARRL](#)?
- Are you new to Ham Radio?
- Have you been licensed for a while but not active?
- Are you active but never explored the [ARRL](#)?

***RARC has been an [ARRL](#) affiliated club for the past 50+ years. RARC wants all members to know about the benefits of being a member of the ARRL and how the [ARRL](#) promotes amateur radio and represents and supports Hams throughout the year.***

Here are two links you can explore to see what the [ARRL](#) offers Hams. Take a look:

- ♦ [ARRL Benefits](#)
- ♦ [The Value of ARRL Membership](#)



## Contact **RARC**

*RARC meets the second Tuesday of each month at 6:30 PM (except the August meeting is the Annual RARC Picnic and January is the annual holiday party) in the lower level of Rochester Fire Station #2 in the EOC at 2185 Wheelock Drive NE, Rochester, MN*

- ♦ **Website:** <http://www.rarchams.org/>
- ♦ **Snail Mail:** RARC , P.O. Box 1, Rochester, MN 55903
- ♦ **Groups.io:** [Register](#) to post and receive RARC official email, notices and the Hamster
- ♦ **Weekly Net:** **Sundays at 9:00 PM:** **147.255 repeater** (PL Tone 100) **Odd** numbered Sundays  
**146.820 repeater** (PL Tone 100) **Even** Numbered Sundays

*If you haven't done so already, please register for the **RARC groups.io email reflector** so you can keep abreast of club activities, official club notices and of course, the monthly Hamster emailing. Click this [register](#) link and you will be taken to the RARC registration page. Once you have registered go to your account settings and choose how you would like to receive email from RARC.*

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