

# Central Ohio Radio Club, Inc.

The Central Ohio Radio Club Newsletter is the Official Journal of The Central Ohio Radio Club, Inc. and is published three (3) to 4 times a year as needed. It is mailed or e-mailed to all Full Members. All copy or advertising must be received at least four weeks prior to publication. Articles may be reproduced for other publications as long as prior permission is obtained and source acknowledged. While the Editor makes all reasonable effort to assure the information within is correct, we do not guarantee its contents and disclaim all liability. We reserve the right to edit or reject submitted items for publication. Mail all copy to: Joe Hahn (W8NBA), P.O. Box 166, Sunbury, Ohio 43074-0166. Items can also be e-mailed to [newsletter@corc.us](mailto:newsletter@corc.us).

Place Label Here

Web Page at <http://www.corc.us>

Over 50 Years of  
Service to the  
Amateur community!



Editor, The CORC Repeater Newsletter  
Joe Hahn (W8NBA)  
P.O. Box 166  
Sunbury, OH 43074-0166

The Central Ohio Radio Club  
May 2025 Newsletter



ARRL Special  
Services Club

# Central Ohio Radio Club, Inc. (CORC)

Operating Amateur Repeaters Since 1970

## Membership application

CORC operates repeaters with outputs of 52.70, 146.76, 146.97, 147.33, 442.800, 444.200  
145.49 D-STAR & 444.000 D-STAR

*Some of the features include:*

Worldwide linking on our IRLP & D-STAR Repeaters.  
Repeaters are used by the Central Ohio Weather Net and Central Ohio Traffic Net.  
Multiple receiver sites located in Franklin, Licking, Delaware, Pickaway and Logan Counties  
To ensure you excellent coverage throughout Central Ohio.

Membership allows full use of the CORC facilities, Operating Manual, subscription to the CORC Newsletter,  
and a vote at the annual meeting of the corporation.

Family member amateurs at the same address are NO additional charge, (No Vote at annual meeting)

See Other side for dues schedule      Dues Enclosed \$ \_\_\_\_\_  
Optional Donation - CORC is a 501(c)(3) corporation \$ \_\_\_\_\_  
Total \$ \_\_\_\_\_

Please mark one:  New Application     Renewal Application

Call Sign \_\_\_\_\_ Name \_\_\_\_\_ e-mail \_\_\_\_\_

Call Sign \_\_\_\_\_ Name \_\_\_\_\_ e-mail \_\_\_\_\_

Call Sign \_\_\_\_\_ Name \_\_\_\_\_ e-mail \_\_\_\_\_

Street Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Home Phone (    ) \_\_\_\_\_ Alternate (    ) \_\_\_\_\_

How many of above are ARRL Members \_\_\_\_\_ (CORC is an ARRL affiliated club)

Check to Request Newsletter by e-mail (this saves the club mailing cost) \_\_\_\_\_

Please make check payable to CORC and mail application and check to:

Central Ohio Radio Club, PO Box 166, Sunbury, Ohio 43074-0166

For questions call membership chairman John, W8RXX @ 614-579-0522  
or visit the CORC website at [www.corc.us](http://www.corc.us)

**Thank You for your Membership and Support!**

Rev 1-24

# The Central Ohio Radio Club Newsletter

May 2025

## CORC President's Message

Greetings! It was great to see everyone at the Annual Meeting in February for an evening of food, fellowship, and friendly faces!

As mentioned at the Annual Meeting, CORC is in a period of transition with several long-tenured directors having recently "retired" from the Board with likely more to follow. For those not in attendance (and as reminder for those who were), here is a summary of CORC's personnel needs. This is your opportunity to play a larger role in your club and in local ham radio. If you would like to help or have questions, please contact me at [president@corc.us](mailto:president@corc.us).

**Director:** must be a) at least 21 years old, b) General class license for at least two years, c) member of CORC for at least two years. Directors attend board meetings (usually 3-4/yr), fill executive officer positions, assist with club functions, and act as club ambassadors.

**Vice President:** must be a) a Director (see above), and b) attend board meetings. The Vice President acts in place of the President in the case of absence or disability.

**Social Committee Coordinator:** Open to anyone in the club (this is a great position for a couple or to tag-team with another person!). The Social Committee Coordinator purchases supplies for potlucks (club will reimburse), helps setup/tear down for potlucks (Board and others also help), and stores potluck supply bins (five bins). **Your President is currently holding this position but needs to be relieved of this assignment no later than the 2026 Annual Meeting.**

**Control Operators:** must be a) over 18 years old, b) Technician class license for at least one year, c) be active/known on local ham frequencies, d) member of CORC in good standing for at least one year. The purpose is to monitor CORC frequencies for FCC Part 97 violations and help those who ask for assistance on the repeaters.

Lastly, I want to personally invite everyone to the **CORC Spring Potluck on Sunday June 1, 2025. Please note we will be starting at 5 p.m. instead of 6 p.m.** If you plan on eating at the meeting, please bring a main dish to share (see my other article for ideas).

73,  
Anthony "Tony" Fabro, N8RRB

**President**  
Anthony Fabro  
N8RRB

**Vice-Pres.**

Vacant

**Secretary**  
Frank Piper  
AE8FP

**Treasurer**  
Steve Robeano  
WD8JKX

**Newsletter  
Editor**  
Joe Hahn  
W8NBA

**Membership  
Chair**  
John Perone  
W8RXX

**FM Repeaters**

53.70 /  
52.94 / 52.70  
51.70 /  
W8AIC

146.16 / 146.76  
W8AIC

146.37 / 146.97  
W8RRJ

147.93 / 147.33  
W8NBA  
IRLP Node 8094

449.20 / 444.20  
W8AIC

447.80 / 442.80  
K8NIO

**D-Star Repeater  
G3 Gateways**

144.89 / 145.49  
449.00 / 444.00  
W8CMH

# From your CORC Membership chairman...

John / W8RXX 5-2025

Thank you to everyone that have either joined or renewed their membership since our last newsletter.

## **New Members... Welcome All!**

The following have recently joined CORC. Please thank them for joining the club when you hear them on the air.

AD8OF – David K8MNR – Ardon No Call – Lorn KE8ZWR – Ian K9MYR – Mark K8NU - Carl  
KF8ATJ – Patrick No Call – Cathy N3GDM – Wayne KE8QOL – Jon KF8BVO - Molly

## **Donations... MANY Thanks to all!**

Thank you, thank you, to those who have donated their time, talent, money, printing, etc. since the last newsletter. This extra income and work helps to keep CORC financially sound.

|        |        |        |        |        |        |        |       |
|--------|--------|--------|--------|--------|--------|--------|-------|
| W8NBA  | N8RRB  | WA3UOO | KB8CIQ | WD8JKX | WA8KKN | KA8IWB | W8RXX |
| AC8TZ  |        |        |        |        |        |        |       |
| KD8RTP | WA8RR  | AC8VM  | K8BRJ  | N8PCJ  | W8III  | KB8ABO | KE4RS |
| AD8CM  |        |        |        |        |        |        |       |
|        | KD8YYK | KE8OAU | N3STG  | N3GDM  | KE8QOL | KF8BVO |       |

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## **Special VE Test session Sunday, June 1st at 1PM**

We are offering a Sunday test session for those that may not be able to attend our normal Saturday test sessions. This is also the same day as our potluck dinner and meeting.

It is also at Genoa Township Hall. A perfect chance to upgrade or get that license before Field Day weekend!

Pre-registration is required. Additional information is on the clubs home page at  
[www.corc.us](http://www.corc.us)

Sign up on the [www.ae8fp.net](http://www.ae8fp.net) web site. Questions, please email Frank Piper at  
[ae8lp@arrl.net](mailto:ae8lp@arrl.net)

# General Class License Courses

The Franklin County office of Emergency Management & Homeland Security will be hosting an Amateur Radio General License test preparation course. The classes will be held Wednesday evenings from June 4<sup>th</sup> thru July 23<sup>rd</sup>. To sign up please follow the link below. Please share this with others so we can fill the class. We need at least 10 students to start the class.

Questions? Contact Mike Myers W8SGM - Mike.Myers@franklincountyohio.gov

<https://www.signupgenius.com/go/5080E4EA9A62FA0FB6-56709866-fccamateur#/>

# CORC Potluck Food Options

By: Anthony "Tony" Fabro N8RRB

For years, CORC has conducted potluck meetings to get our membership together for an eyeball QSO. It's a great time to break bread with the hams you talk to on the radio!

Since the COVID pandemic, it seems society is having fewer potlucks and the idea of bringing food to an event may seem daunting. To help ease your fears, here are a few ideas for those challenged in the kitchen.

If cooking is completely out of the question (and let's face it, we're all not as thrifty as chefs on TV), there are several fine establishments which offer homestyle food to go such as KFC or Bob Evans. I have been known to bring KFC on a few occasions and the Colonel with his "secret recipe" goes over well. Others have brought pizza, Subway (or one of the other sub shops), and even a White Castle Crave Case of sliders.

For those who can at least make a sandwich, instead of going to Subway you can make your own. Get some hoagie rolls, cold cuts and cheese and make your own finger sandwiches to share. You can make them as simple or elaborate as you want and probably pay less than if you picked up something.

Crock pot cooking is slightly more advanced but still pretty simple. Just dump a bunch of ingredients in the crock, let it simmer for several hours, and you have a meal. The staple at most potlucks is Sloppy Joes. Most recipes are easy to follow, however you can also get premade

mixes and just add cooked ground meat. Also very easy is a crock full of baked beans or green beans. Add your own seasonings and people will think you worked hours to make it! The bottom line is that there are plenty of options for you to choose from, and you don't have to break the food budget or be a world class chef to provide a tasty meal option for your fellow hams. I look forward to sampling your culinary confections at the next potluck.

## Repeater Control Fundamentals

By: Rick Tressler, WA3UOO

### Introduction

Have you ever wondered how a repeater operates by remote control? Remote control is a legal requirement for a repeater under the FCC rules. That is, unless the licensee elects to control it under what is known as "local control." This means someone must be able to physically shut the repeater down when necessary. If the system is going to be available for use twenty-four hours a day, local control is not practical. This is where the remote control comes in.

### **Remote Control Methods**

**Local Dial Up Phone Line** - The repeater controller answers a dial-in phone call from a control operator. This can be a landline or cellular phone. When connected the control operator sends the appropriate command code(s) via touch tone as needed. Should a telephone line be unavailable, there are other methods.

**RF via Control Receiver** - Another method involves the use of a control receiver located at the repeater. The control operator must be in range of the control receiver to use this method. While transmitting on the control frequency, the control operator uses the touch tone pad on the radio's microphone to send the required command code(s) to perform the control.

**Internet Connection** - Finally, repeater control may be performed through an internet connection by utilizing a Network Interface Card (NIC)-equipped repeater controller that connects via either wired or wireless Internet Service Providers (ISPs). The downside is the expense of the monthly internet service. Some repeater sites lack internet access, so it's not feasible. The same goes for the lack of availability of a local telephone line. The control receiver may be the only method available.

Only authorized control operators are permitted to perform some of the control functions of the CORC repeaters.

## Want to Be a Control Op?

If you think you would be interested in supporting the club as a control op, contact me at [wa3uoo@gmail.com](mailto:wa3uoo@gmail.com). Being a control op is not difficult but is an important responsibility CORC takes very seriously. A control op must be a CORC member in good standing for at least one year and willing to monitor their assigned repeater. A base station, hand-held and/or mobile radio is required. It must be capable of accessing the repeater with touch-tone access to perform system control.

73,

Rick Tressler  
WA3UOO  
CORC

## The CORC ARRL Volunteer Examination Team

Frank Piper, AE8FP  
CORC VE Team Manager

For the past 14 years, I have managed and organized a team of Volunteer Examiners, who have conducted Amateur Radio license testing at various locations in Central Ohio.

In December of 2024, I approached the CORC Board of Directors to have the team become an official function under CORC, which was approved immediately. I feel moving the team from being independent to a part of CORC helps ensure testing sustainability for years to come. CORC has been an official sponsor of the exams for most of the test sessions.

Our team conducts ARRL-VEC (Volunteer Examination Coordinator) exams 4 to 6 times per year, lately focusing our main test location at Westerville Fire Station #111, located on West Main Street in Westerville. Occasionally the team will test at the Genoa Township Hall, and the Westerville Library. Our team will also make house calls to the homebound and have also conducted testing to residents in retirement communities.

The VE team comprises of experienced Amateur Radio operators who are accredited by the ARRL-VEC. These individuals studied the guidelines set forth by the ARRL-VEC and completed

testing specifically to the VEC. Current VE's on the team are: AA8DN, AB8KN, AD8JW, AD8MW, K8HTC, K8OVP, KA8IWB, KC8PSW, KD8IIB, KE8VJB, N8RFY, N8UTI, W8CBG, W8PCP, W8RXX, WB2FVE, and WD8QWR.

Over the years, the team processed over 800 candidates, with over 25 already for this year. Candidates are kind enough to provide comments to the team, including these from recent sessions:

*“Just wanted to thank you and your team for all the time and work that went into the preparation and delivery of the examinations. As a retired teacher, I appreciate your team’s effort. As a ham, I have always been impressed by how fellow hams are willing to help each other. It’s an amazing hobby with extraordinary people. Your team was well-organized, professional, and friendly. They put the group very much at ease. Each step was thoroughly explained...like clockwork. Very much appreciated. Just wanted to thank you and let you know how proud and excited I am to be an Amateur Extra. Please pass along my gratitude and thanks to your entire team.”*

*“Thank you for a very well-run exam experience. Please extend my thanks and appreciation to all the volunteer examiners, monitors and assistants. I hope to see you and team in a month or so to continue the journey to Extra.”*

*“My sincere thank you, to you and your team. The exam process was very welcoming and so was the level of encouragement from the group. I'm delighted to have passed. I've submitted my fee for my first call sign and I'm looking forward to getting on air and gaining more amateur radio experience.”*

Our current test schedule for the rest of 2025 is as follows:  
June 1<sup>st</sup> at the Genoa Township Hall. Testing begins at 1:00pm

The following dates are for exams being held at the Westerville Fire Station, Testing begins at 10:00am for each of the dates: July 19<sup>th</sup> and October 18<sup>th</sup>.

Pre-registration is a must for these exams. For more information about the team, exams, and test registration, please visit [www.ae8fp.net](http://www.ae8fp.net) .



# Technical Committee Report June 2025

By: Chuck Wood, WA8KKN  
Technical Committee Chairman

## Site Visits & Maintenance

It has been an interesting and busy few months in 2025.

We have been busy inventorying our equipment at the various remote radio sites. Running a few repeaters with remote receiver sites requires site visits. In case you didn't know, the 146.760 repeater has eight remote receiver sites. There are more sites for the other repeaters.

Some of our sites haven't been visited for a few years. We have literally cleaned the cobwebs and dirt out of some of the equipment. Some of the sites are not environmentally friendly. Also, at some of the sites we have had to tweak the equipment to bring the sites up to optimum performance.

At one site, we are refurbishing an existing adjacent building for our occupancy later this year. So far, we have insulated the adjacent building, scrubbed the walls, and floor. At the time of this publication, we will be painting the floor to guard against water and mold. So far, the cleaning crew has consisted of **KE8ANW**, **N8RRB**, **WA3UOO**, and myself, **WA8KKN**.

Moving the equipment requires a coordination effort of moving feedlines, grounding, and creating an ice bridge between the tower and the adjacent building. We will be asking for volunteers to help with this "muscle work" this summer.

### **146.97 repeater**

We thought we were done with the installation of the new solid state RF amplifier (January 2024) along with the high current 12 VDC power supply. On or about, April 22, 2025, the 12 VDC power supply failed.

On April 24, the manufacturer sent us a replacement power supply. On this date we reconfigured the transmitter to run on the exciter at ~50 Watts ERP in order to keep it in service.

The replacement power supply was placed in service on April 29. We are now operating at a slightly lower power level than normal, which still provides excellent coverage. By doing this, we are "burning in" the replacement power supply. If all goes well, we will be back to normal operation in a few weeks.

In the meantime, we will be changing the cooling configurations in the transmitter rack and room to accommodate the summertime operation. We have to outsmart Mr. Murphy.

## DSTAR

An onsite visit did not take place as we expected. Re-coordination is required to set a new visitation date to determine what is wrong with the “C” node (145.490 MHz).

Note “B” (444.000 MHz) is fully functional.

## DSTAR Registration

There have been quite a few application requests for DSTAR registration on the Columbus, OHIO **W8CMH** server. Quite a few requests are in limbo and have not completed the process (i.e. phase 2). This means you cannot use the network functionality. You can only be registered on one DSTAR system for the network functionality to work.

DSTAR registration is a two-step process. Any DSTAR Registration can be checked at the following URL: <https://wb1gof.dstargateway.org/cgi-bin/dstar-regcheck?callsign>

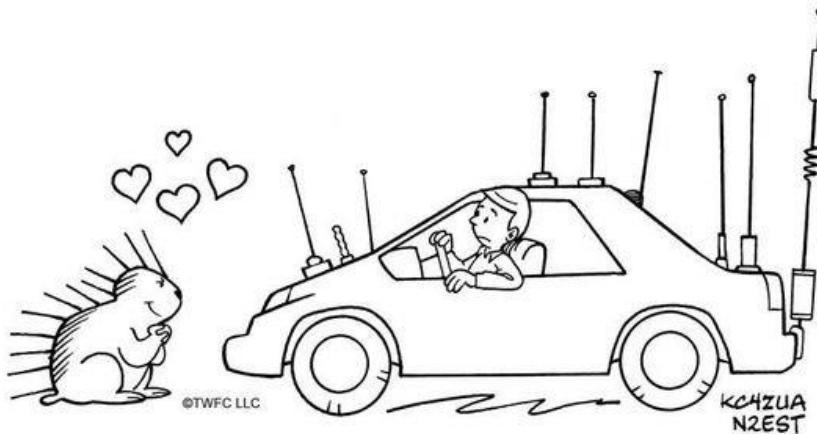
If it states: **Missing Entry with Space-ID!**

Please complete registration at Registration Server [W8CMH](#) !

Your username and password is required to log into the server to complete phase 2.

73,

Chuck WA8KKN



# CORC Spring Meeting

June 1st

**SUNDAY**

At 05 PM

Please bring a covered dish and serving utensils.

CORC will Provide: Soft Drinks

Coffee/Tea

High Quality Plastic Ware

Cups and Plates

Friendly Faces

Genoa Township Hall

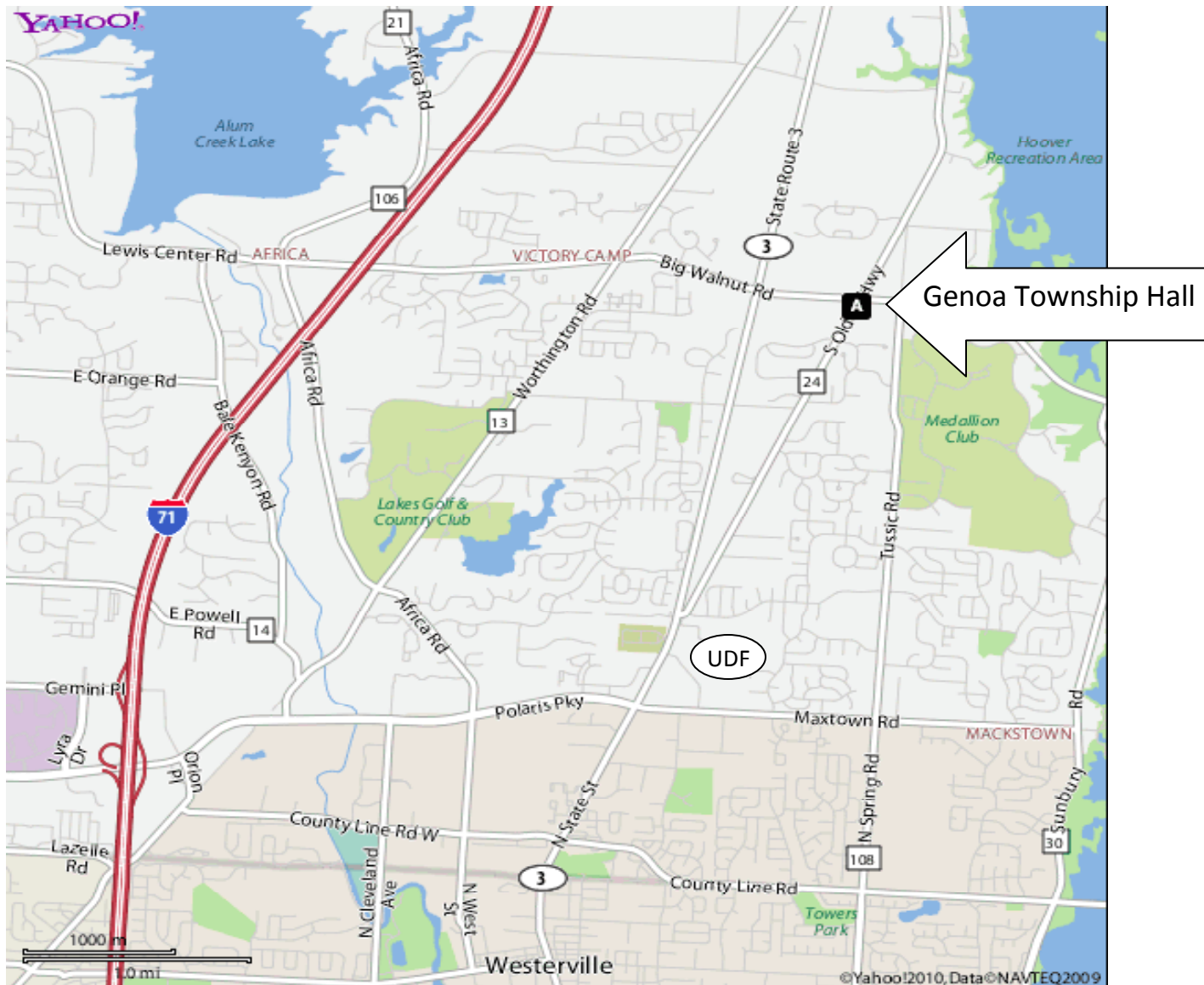
5111 S Old 3C Rd,

Westerville, OH 43082

(see map on back)



And now that you know about it...  
Here is how you get there!



From 71 take Polaris Pkwy to State Route 3 and turn on Old 3C Highway and go North to The Genoa Township Hall.

From 270 exit on State Route 3/ Westerville Road and go north to Old 3C Highway.

Genoa Township Hall is on the corner of Big Walnut and Old 3C Highway.