

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.

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
January 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

Thank You for your Membership and Support!

Rev 1-24

The Central Ohio Radio Club Newsletter

January 2025

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

CORC President's Message

A belated Happy New Year! By the time you read this we will be over three weeks into the new year. Here's hoping your New Year's Resolutions are still alive and well!

I want to first thank our Board of Directors who work so hard to keep the club moving forward. While the term "Board of Directors" may conjure up images of people sitting in a wood paneled room directing things from a far, this group does anything but and actively works out in the field to make the club the successful organization that it is!

I also want to thank John Perone W8RXX, while no longer on the Board, who continues to serve the club as Membership Chair. In addition, there are many others who support the club in other ways not always visible to the membership. To all of those who assist the club: Thank You!

Lastly, I want to personally invite everyone to the CORC Annual Meeting and Potluck on Sunday February 23, 2025. **Please note we will be starting an hour earlier at 5 p.m. instead of 6 p.m.** In addition to the usual tasty foods brought by those in attendance, we will be conducting our business meeting including the nomination and election of directors to fill the expiring terms.

Instead of a speaker, we will be having a "State of the Club" presentation as CORC is currently at a crossroads of sorts. A number of those who led the club for many years have stepped down with more changes to come. This is a great opportunity for you, the membership, to see where we are and to provide your input on where we should focus our resources in the future.

If you would like to help with the club or have questions, feel free to reach out to me at president@corc.us. I hope to see you at the Annual Meeting and Potluck on February 23rd at 5 p.m.!

73,

Tony N8RRB

CORC opens Board Nominations

A Member may nominate themselves, or a fellow CORC member for the position. A director term is 3 years. Requirements for the position are that:

- 1) the individual must be a current CORC member in good standing and
- 2) must hold an amateur General Class license.

Nominations must be submitted to the nominating committee chair,

Rick Tressler

95 Ceramic Drive,

Columbus, OH 43214.

Or by email at WA3UOO@GMAIL.COM

For your information and in accordance with our by-laws an extract from the current CORC Constitution appears below:

Section 3.10 – Election of the Board

The election of Directors to replace those whose term has expired shall take place at the annual meeting of the members, or at a special meeting called and held for that purpose. At least twenty (20) days prior to the date of which such election is held, the President shall appoint a Nominating Committee consisting of three (3) persons who may but need not be Directors. Such committee shall prepare a list of candidates to fill the Board of Directors and nominate such candidates at the meeting. Other nominations may be made from the general membership; however, any candidate's name so placed in nomination must be submitted in writing and accompanied by written consent of the nominee to the Nominating Committee at least ten (10) days prior to the annual meeting.

Technical Committee Report

2024 History Recap

It has been a busy 2024 for the Technical committee.

The first part of the year, we replaced the 146.970 MHz repeater tube RF amplifier with a new solid-state amplifier and power supply.

Murphy struck when the weather warmed up in May. The ambient room temperature rose to 80°F plus. The problem, the internal RF amplifier thermostat did not have enough thermal heat sink compound. This was fixed.

Due to the passing of W8RRJ (SK), the '97 repeater controller and voter were moved to another location near Westerville successfully...

This was accomplished with little interruption of service in June/July with minimal expenditures by CORC due to reusing spare parts, spare radios, spare feedlines and antennas. No need to be concerned, CORC still has plenty of spare parts for a rainy day.

Just after the '97 reconfiguration, Murphy struck again. The fan in the external power supply used for the RF amplifier failed.. The power supply self-protected itself by shutting down after 15 minutes of use. This failure had nothing to do with the system reconfiguration. Nothing was touched at the '97 transmitter during the reconfiguration. A new power supply was purchased and installed. There has been no interruption of service since this power supply replacement. The Technical committee, with the help of W8CR, N8RRB, WA8RMC, WA3UOO, and others, we dismantled the remainder of the antennas, feedlines and tower at W8RRJ's (SK) QTH.

Present Status

Presently, all repeaters are operating without problems except for the D-star Node "C" (145 MHz) in the K8NIO system. Access to this secure repeater site requires coordination of people for a visit. Due to scheduling conflicts, visitation to the D-STAR site has not been made to determine the problem. Node "B" (444 MHz) is on the air and functioning properly. Multiple visits may be required. Any failure(s) are currently unknown. We are hoping it is not an antenna or feedline issue. Please note, in 2023, CORC purchased new D-STAR repeater equipment (Node "B" & Node "C") because the present in service transceivers are no longer manufactured. These new current model transceivers were being sold at "Fire Sale" pricing.

Help Wanted

The "Jersey" site is used for the 146.76 MHz, 146.97 MHz, 147.33 MHz, and the 52.7 MHz repeaters. The landlord has asked CORC to move our equipment to another on site building this Spring. This other on site building requires a "Work Crew" to clean up the building for occupancy.

N8RRB, WA3UOO, W8NBA, and I made a site visit and developed plans for the required tasks. More details at the upcoming Annual Meeting.

73,
WA8KKN.

Dues are due!

The beginning of the year means that the dues have come due again. The \$18 yearly fee has never changed since the club started. Discounts for 2 years in \$24 and 3 years are \$45. Not sure of your expiration date, send an email to membership@corc.us. Thanks!



CENTRAL OHIO RADIO CLUB ANNUAL MEETING

We will be discussing the current state of the club and presenting committee reports.



Please bring a covered dish and serving utensils.

CORC will Provide: Soft Drinks

Coffee/Tea

High Quality Plastic Ware

Cups and Plates

Friendly Faces




Sunday, February 23, 2025

Start at 5.00 PM

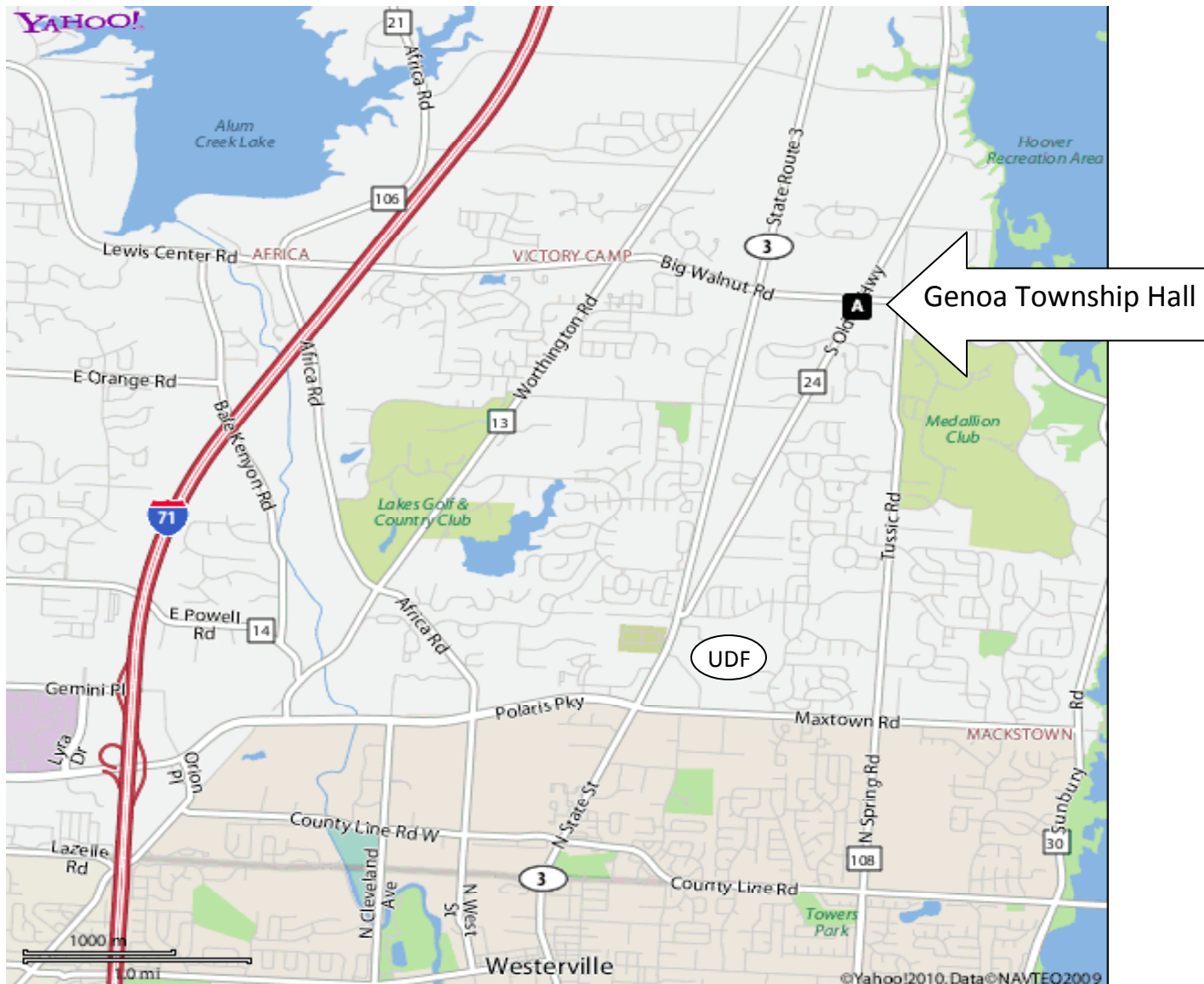
(Note New Time!!!)

Genoa Township Hall
5111 S Old 3C Rd,
Westerville, OH 43082



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.