

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
October 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, KD8IDJ @ 614-266-4292
or visit the *CORC* website at www.corc.us

Thank You for your Membership and Support!

Rev 7-25

CORC DUES 2025 SCHEDULE

THIS TABLE SHOWS DUES FOR MEMBERSHIP BASED ON MONTH YOU JOIN

Month you Join	Selecting \$18 One Year Plan		Selecting \$32 Two Year Plan		Selecting \$45 Three Year Plan	
	Pay	Expires on Dec 31	Pay	Expires on Dec 31	Pay	Expires on Dec 31
JAN FEB MAR	\$18.00	2025	\$32.00	2026	\$45.00	2027
APR MAY JUN	\$13.50		\$28.00		\$41.00	
JUL AUG SEP	\$9.00		\$24.00		\$37.00	
OCT NOV DEC	\$18.00	2026	\$32.00	2027	\$45.00	2028

Since 1970 CORC Membership still is only \$18.00 for 1 yr - \$32.00 for 2 years - \$45.00 for 3 years

If you have difficulty understanding this chart please contact John / KD8IDJ

THANKS for becoming a member!

The Central Ohio Radio Club Newsletter

October 2025

CORC President's Message

By: Anthony "Tony" Fabro N8RRB

I hope everyone has had a great summer and was able to enjoy the San Diego weather we had from mid-August to mid-September. If you ever wanted to know what the weather was like in Southern California, that was basically it. Lots of sun, low humidity, warm temperatures, and no rain.

Your CORC Technical Committee has been taking advantage of the great weather to work at the Jersey receive site. By the time you receive this newsletter, 95% of the work will have been completed. Collectively, volunteers have spent hundreds of hours over the past six months on this project. Many thanks to those who have helped with their time, talent, and financial support.

Speaking of help, CORC is still in need of people who are willing to take on leadership positions in the club. If you have an interest in playing a larger role in local ham radio, please contact me at president@corc.us. Some of the positions are not technical in nature.

Cooler weather is on the way which also means the return of the **CORC Tech Net**. The first net will be on **Sunday October 12, 2025, starting at 1930 on the 146.760 repeater**. For those not familiar with the Tech Net, the net meets every other Sunday from Autumn through Spring for the purpose of discussing technical and educational topics related to amateur radio. While the primary location for the net is on the 146.760 repeater, we may add supplemental meetings online or in person. Questions or suggestions for topics should be sent to technet@corc.us.

Lastly, I want to personally invite everyone to the **CORC Fall Potluck on Sunday October 19, 2025, at 5 p.m.** at the Genoa Township Hall north of Westerville. We will be welcoming ABC6/Fox28 Chief Meteorologist Marshall McPeck back to the event. Marshall is an entertaining speaker and always has a lot of information to share. If you plan on eating at the meeting, please bring a main dish to share. Hope to see you there!

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 Ross
KD8IDJ

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 / KD8IDJ

Thank you to everyone that has 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.

K8DZC...Daniel KB2RRQ...Jason KB8TNY...Mark KI8HN...Rob KD8YYR...Leon

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	K8DCZ	KE8TNX	KG8IJ	KI8HN	N8QHO	N8SY

Technical Committee Report June 2025

By: Chuck Wood, WA8KKN

Site Visits, Maintenance, and building transfer of equipment.

It has been an interesting and busy June through September 2025.

We have been busy inventorying our equipment at additional radio sites. In case you did not know, the 146.760 MHz repeater has eight remote receive sites. The 146.970 MHz repeater has four receive sites. There are more sites for the other repeaters.

146.97 repeater

The 146.97 MHz repeater had some audio issues in June, which turned out to be dirty receiver motherboard connector pins. After all, the receiver is 40+ years old.

Jersey Site

At the Jersey site, we transferred equipment into the adjacent building along with transferring the feed lines. **KE8ANW**, **AD8MW**, **N8RRB** worked on the feed line transfer, **WA3UOO**, and **WA8KKN** worked on the inside equipment.

The Key: Through six plus months of advanced planning (i.e. site cleanup, building waterproofing, installing new building insulation, cable locating and labelling, design and construction of a new ice bridge), we completed the tear down and reinstallation task within 8 hours. This was not a trivial task. The '76, '97, and 6M receivers installed without problems the first time.



New Ice Bridge and building cable entry



New cabinets for receivers ('16, '37, '93, 6M) on the left and '33 transmitter on the right.

147.33 repeater

The 147.330 MHz transmitter (in a third building using a smaller tower) also moved into the new building mentioned above. This included changing the antenna over to the taller tower. Because we are now transmitting on the same tower as the '76, '97, '33 receivers, we are adding RF filters so we do not interfere with the on the air '76 and '97 systems. Until all the interference is resolved, the 147.33 repeater will stay off the air.

DSTAR

The "C" node (145.490 MHz) is off the air due to antenna system issues. Until a tower climber becomes available, it is unknown what the antenna and/or the feedline failure points are.

Node "B" (444.000 MHz) is fully functional.

CORC System Configuration Map

The CORC system map is on the CORC website <https://corc.us>

Please reference this document often to answer questions I hear asked over the air about the CORC repeaters. You can locate the various receivers you might be using on each system. The '76, '97, '33, and 6M are multi-receive site repeaters.

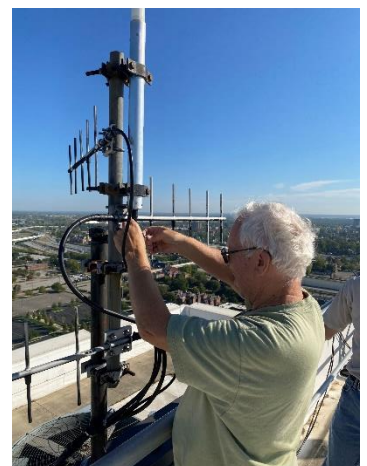
73, Chuck WA8KKN

Also, there are photos of the antenna replacement on Saturday 9/27/25, at one of the downtown sites. The new antenna VSWR is roughly 1.4:1 at 146 MHz. The connectors for the link antennas had some additional tape applied due to the existing tape flaking a little bit. Thank you to W8RXX and AD8MW for their assistance.

We also swapped out the 146.370 receiver in an attempt to resolve the off-frequency audio issues. The link transmitter is working as intended.

Lastly, we checked the other two receivers to ensure they were working. The 146.160 receiver / link transmitter was working, and the 147.930 receiver was working however the link transmitter was not. Turning off/on the link transmitter resolved the issue.

Total time at the site was approximately two hours.



Ham Radio History at the 2025 Columbus Hamfest

Amateur radio history was made on August 2, 2025, at Columbus, Ohio Hamfest.



Friends with history: Dan Merrill (left), Steve Robeano (center), John Ross (right) Photo by John Perone, W8RRX

Three operators, who share seven of the same background histories, Dan Merrill, KE8KJX, Steve Robeano, WD8JKX, and John Ross, KD8IDJ, were at the Hamfest together... for the first time. All are friends, amateur radio operators, and hold either an Extra class or Advanced class license. But the similarities don't stop there!

All are Masons, all are members of the Central Ohio Radio Club (CORC), all are American Radio Relay League Members (ARRL), all musicians, all are Veterans, and all served in the same Army unit during the Vietnam War era. Merrill and Ross are still playing today as members of the Aladdin Temple Shrine Band.

"It's just a wonderful, unexpected, set of circumstances that we all traveled the same roads and share the experiences," said Ross. "Whether you're at a Hamfest, an Army luncheon, or attending a meeting it's comfortable to know you have friends from your generation who share the same memories and ideals."

Merrill said they are never at a loss for topics to discuss. "We share so much of the same history we hardly ever run out of things to talk about," added Merrill.

CORC Fall Meeting

**October
19th 2025**

SUNDAY

**Starting
at 5PM**



**Speaker: Meteorologist
Marshall McPeck from
WSYX and WTTE**

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,

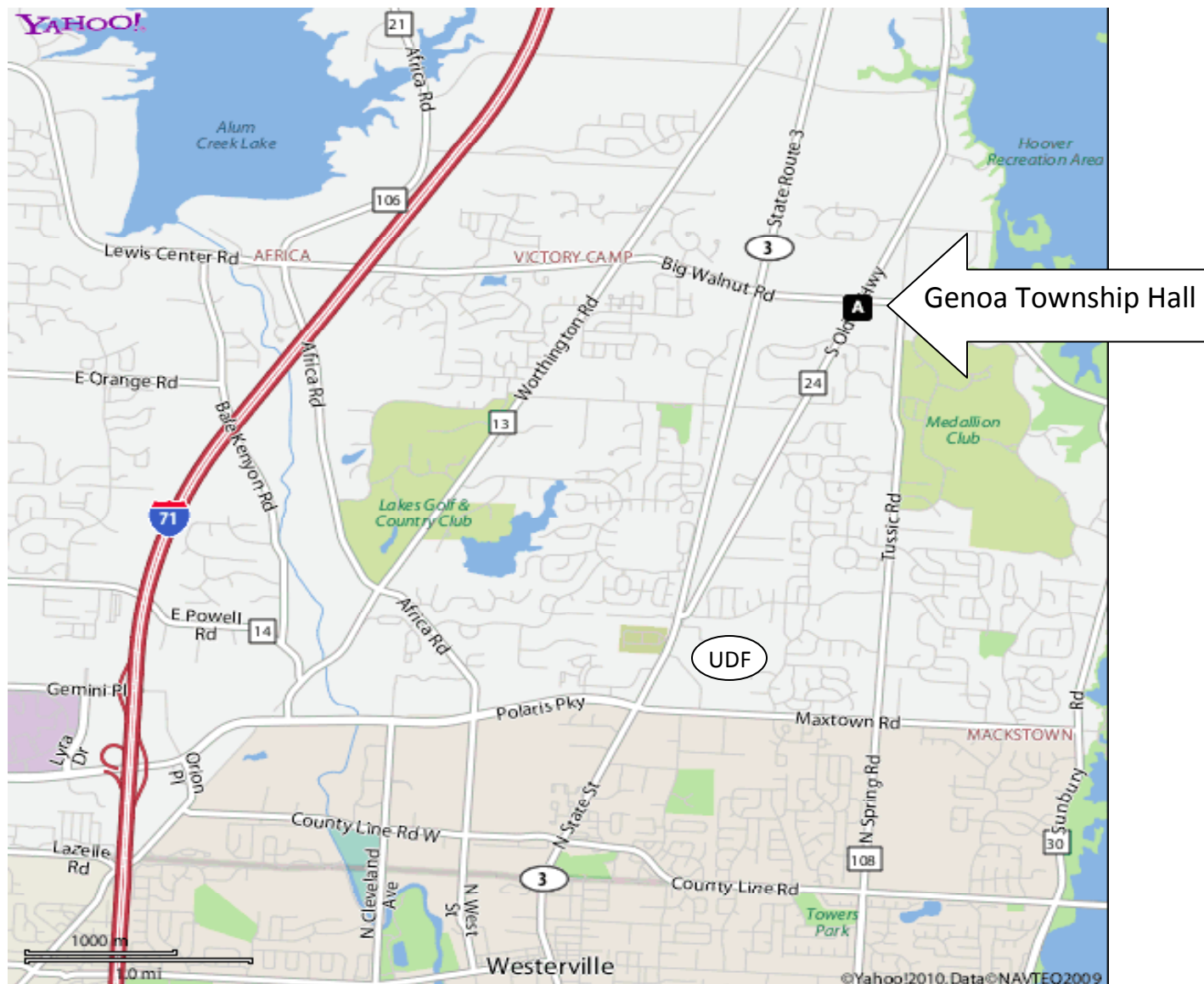
Westerville, OH 43082

(see included map)



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.