

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) times a year. 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: Sandy Robeano (KB8CIQ), P.O. Box 166, Sunbury, Ohio 43074-0166. Items can also be e-mailed to newsletter@corc.us.

Place Label Here

ARRL Special
Services Club



The Central Ohio Radio Club
September 2018 Newsletter

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



Editor, The CORC Repeater Newsletter
Sandy Robeano (KB8CIQ)
P.O. Box 166
Sunbury, OH 43074-0166

Membership application

Central Ohio Radio Club, Inc. (CORC)

Operating Amateur Repeaters Since 1970

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)

\$18 / 1 year - \$32 / 2 years - \$45 / 3 years 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 with 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

We Thank You for your Membership and Support!

Rev 1/18

The Central Ohio Radio Club Newsletter

September 2018

President

Laura Perone
KA8IWB

Vice-Pres.

Warren Hull
W8VET

Secretary

Tony Fabro
N8RRB

Treasurer

Steve Robeano
WD8JKX

Newsletter

Editor

Sandy Robeano
KB8CIQ

Membership

Chair

John Perone
W8RXX

FM Repeaters

53.70 /
52.94 / 52.70
51.70 /
W8RRJ

146.16 / 146.76
W8AIC

146.37 / 146.97
W8RRJ

147.93 / 147.33
W8NBA
IRLP Node
8094

444.20 / 449.20
W8AIC

442.80 / 447.80
K8NIO

D-Star Repeater

G3 Gateways

145.49 / 144.89
444.00 / 449.00
W8CMH

Message from the CORC President Laura Perone, KA8IWB

I hope you have all had a good summer.

Well, if you didn't make it to the June potluck you certainly missed a good one and a *great* program.

Many thanks go to **John, N8PVC** from the Central Ohio Severe Weather Network for setting up the program. He was able to arrange for four experts together at one time to discuss weather and alerting systems in Central Ohio: **Brandon Peloquin**, Warning Coordination Meteorologist and **Seth Benau**, Science Information Officer both from NOAA Weather in Wilmington, **Darrel Koerber**, Deputy Director Franklin County Emergency Management & Homeland Security, and **Marshall McPeck** from ABC6/FOX28.

Paste this link into your browser to see some photos of the meeting by the CORC Newsletter's award winning staff photographers:

<http://www.corc.us/page11.html>

Last spring CORC became a **Weather Nation Ambassador**. This is NOAA's recognition of select groups nationwide that work to improve the country's readiness against severe weather, water events and climate events. Our thanks to all of you and to all of our weather spotters.

A big thank you to **Richard, KD8PHG**, for tower work he did on 147.33. The antenna and pigtail on the 33 transmitter needed to be replaced.

See More from Laura continued on Page 2

The Central Ohio Radio Club Newsletter

Message from the President continued from page 1

CORC donated a 146.76 receiver to ABC6 / FOX28 so they can listen to the weather spotters during severe weather nets. John, W8RXX and I delivered the receiver to Marshall at the station. In return Marshall gave us a very interesting studio & ABC6 Weather Center tour.

Let me say that the couch they use on the Weather Center set is very comfortable.

Have you heard? The National Institute of Standards and Technology (NIST) Fiscal Year 2019 budget request includes shutting down their radio stations in Colorado and Hawaii, an apparent reference to WWV, WWVB and WWVH. I'm certain we will hear a lot more about all of this soon.

The next club potluck dinner is on Sunday September 30th at 6PM. See the flyer later in this newsletter for details

We hope to see you there... **BRING A FRIEND!**

73,

Laura



[Editor's Newsflash: The CORC Newsroom just learned that the September 30th meeting speaker will be John, W8RXX reporting on John & Laura's recent tour of WWV/WWVB in Colorado. A rather timely subject, eh wot? John has behind the scenes photos of the WWV - WWVB transmitters and antennas. It's not normally possible for the public to visit this site in Ft Collins, Colorado. Come and see what transmits those time clock signals we receive on the air and also automatically sets our 'atomic' clocks. We might even learn the computer codes that make our 'atomic' clocks spring forward and fall back each year! John hinted that the Fallback Code might be 'ML8ML8'.]

Official Meeting Announcement Sunday September 30th 2018 6:00pm Genoa Township Hall

If you have a non-member friend or family member who has indicated an interest in becoming a CORC member (or even a Ham) bring them along. This meeting will be a good opportunity to show off both the hobby and/or the club.

See the Refrigerator Flyer later in this Newsletter for details about the potluck and program.

[Editor's Note: You have now been 'officially' and legally "Served Notice" of this meeting. You will *not* be served a notice again... just good food and lots of it.]

Winners from the June 10th Meeting & Potluck

Weather Radios – Geoff Brozny, KD8GRN & Shawn Cray, KE8IZX

Dairy Queen Gift Card – Emmie England (daughter of Don, N8DLA)

Graeter's Gift Card – Mott Given, KE8HWY

50-50 Drawing – John Ross, KD8IDJ (Donated back to Club. Thanks John!!)

The Central Ohio Radio Club Newsletter

Membership News

by CORC Membership Chair John Perone, W8RXX

Many thanks to the following who have donated their time, talent, money, printing, etc. since the last newsletter was printed. This all helps keep CORC financially sound.

W8RRJ	W8NBA	N8RRB	N8XRV	KD8IDJ	KD8PHG	KC8ASF	KE8JWJ
KB8CIQ	WD8JKX	W8RXX	WA8KKN	KA8IWB	W8JTH	K8CYA	K8PB

Please welcome the following who have joined CORC since the last newsletter was printed. Thank them for joining when you hear them on the air.

WA8RMC – Art	KE8JVX – Brian	AB8EL – Don	KE8IYS – Curt
KE8JZH – Mark	N8XRV – Brian	AC8XP – Troy	KE8GTT – Seamus
KE8HPA – Francis	KD8LUI – Michael	KG8DZ – James	KE8BRN – Tom
KB8NMT – David	KE8JYY – Thomas	KE8JWJ – Matthew	W8EV – Mike

CORC is Sponsoring an ARRL VE Test Session

by CORC Membership Chair John Perone, W8RXX

Come UPGRADE or bring that potential NEW ham friend who has been studying so hard...

Date: Sunday September 30th, 2018

Time: 1:00 PM (Walk-ins allowed)

Contact: Craig J. Blaine (614) 245-8697 Email: wb2fve@gmail.com

VEC: ARRL / VEC

Location: Genoa Township Hall 5111 South Old 3C Highway, Westerville, OH

[Editor's Note: I was very nervous before I took my first driver's test back in the last century. I was worried I might not be ready. A friend told me to calm down and added "..., nobody stamps on the license how many times you took the test." If you think you might be ready, go for it!]

Kroger Community Rewards Program – Upgrade

by CORC Membership Chair John Perone, W8RXX

The Kroger Company has recently upgraded their Community Rewards system. As a result the Central Ohio Radio Club, Inc. as a Non-Profit Organization has a new account number **SU216**. Please reference this new number when signing up or re-confirming each year.

If you are not signed up yet, now's the time! Also, please remember that every April you **MUST** reconfirm your donation. If you missed reconfirming this year, please do it **now!** There are still 7 months left before next April. CORC thanks you for these extra donations. It **ALL** helps!

How much does it help? Since we joined the program 5 1/2 years ago, Kroger has given us a little over \$1,500 or about \$275 per year. Want to know more about the program? See <http://www.corc.us/page9.html>. Kroger Community Rewards will **NOT** affect your Kroger Fuel credits in any way.

The Central Ohio Radio Club Newsletter

Travelin' Tony's Timetables by Tony Fabro, N8RRB

Greetings! I hope everyone has enjoyed the much wetter than normal summer we have experienced. The Davis Instruments weather gauge at our house has collected over 40 inches of precipitation this year, with four months to go! The grass has never looked so green so late into summer! Unfortunately that means getting the lawn mower out a bit more than desired.

Just before the beginning of summer, CORC held its spring potluck which was well-attended. The guest speakers were representatives from the National Weather Service, as well as Marshall McPeck from ABC6/FOX28. The presentation discussed in part how the NWS and the media communicate with each other during weather events, as well as what the primary role is for each entity. It was a great presentation, and I'm sure all in attendance came away with a greater appreciation for all of the work done "behind the scenes."

Presentations like this are how CORC tries to differentiate itself from simply being a group that maintains repeater equipment. One of our goals is to educate hams on topics pertinent to amateur radio. The potlucks offer a great opportunity to get in front of our members (and prospective members) and discuss a relevant topic at some length. We are lucky to have a robust group of local experts who do an excellent job presenting their information.

Ideas for choosing potluck speakers often come from discussions during the CORC Board of Director meetings. We look at any pertinent topics affecting the hobby at the time, as well as popular areas of the hobby which may have a connection to VHF/UHF operations. While the board's suggestions for discussion topics usually are well-received by those in attendance at the potlucks, the board would like to know what YOU would like to see presented at a potluck. Is there something we've been overlooking?

On the CORC webpage at <http://www.corc.us> you'll find a "Contact" link at the top of the page. Click the link and send us an e-mail on what you would like to see presented at the potlucks.

And while you are sending us a note, let us know if there is anything else you think the club should be doing, or areas we should be focusing on. As our Treasurer Steve, WD8JKX always states at the annual meetings, this is *your* club and *not* the CORC Directors' or the CORC Officers' club! The directors are merely stewards of the club resources, so let us know what we should be doing with those resources. While I can't guarantee that we can or will act on every suggestion, I can guarantee that we will consider and review every suggestion and respond to the inquiry.

Have a safe day.

Tech Net Back for 8th Season by Tony Fabro, N8RRB

The CORC Tech Net will begin its 8th season Sunday October 7th at 19:30 with an open forum roundtable discussion. The net will take place on the 147.330+ repeater (PL 123.0 Hz). We encourage you to check in and ask technical questions, discuss projects you are working on, and bring ideas for future nets.

The purpose of the net is to take a topic related to amateur radio and discuss it in detail. The goal is to give the listener enough information to know the basics and a few in depth details about the topic. People are encouraged to check-in and ask questions about the topic. Occasionally, the net changes gears and a roundtable net takes place, enabling all check-ins to make their voice heard.

This year's dates (all Sundays) are: 10/7, 10/21, 11/4, 11/18, 12/2, 12/16, 12/30, 1/13/2019, 1/27, 2/10, 3/10, 3/24, 4/7, and 4/28. Listen for repeater announcements of the upcoming week's net topic.

The Tech Net is always looking for ideas for net topics, as well as operators who have an expertise in an amateur radio related topic. Send an e-mail to technet@corc.us if you have an idea or are interested in being the subject matter expert (SME) for a future net. We would love to hear from you!

The Central Ohio Radio Club Newsletter



ATCO CLUB OVERVIEW

by Arthur Towslee, WA8RMC

The ATCO Group Inc., organized in 1980, is located in Columbus with about 70 members. Our main purpose is to further the exchange of information and cooperation between our members, promote ATV knowledge, operating excellence and conduct activities to advance ATV general interest. Visit our homepage at <https://www.atco.tv>.

ATCO conducts weekly "net" meetings at 8:00 PM EST/EDT Tuesday on 147.48 MHz to introduce newcomers, discuss ATV topics, announce news and just have fun. At the same time, we also provide streaming video and audio through the British Amateur Television Club at <https://batc.org.uk/live/wr8atv>. Everyone is welcome.

Our Newsletter is available to all members 4 times a year containing local events, ATV news, construction articles, tips/techniques and meeting announcements. Archived newsletters can be viewed by all on our homepage.

ATCO has provided security video coverage for various public events. We have local severe weather radar video that helps identify potential damaging storms for the public. We are now constructing a MESH network for emergencies and general communication.

We host annual "Spring and Fall Events" to serve as formal club meetings along with a means to meet members face to face, have lunch, conduct a short business meeting, engage in a discussion roundtable, and host a mini-Hamfest with door prizes.

ATCO REPEATER DETAILS

We operate a high profile open ATV/DATV repeater. Because of its location, it is easily accessible within about a 40 mile radius. Our digital DVB-S signal has been operational 24/7 since 2004 and is the first operational one in the USA!

Location: Downtown Columbus, Ohio : Elevation: 630ft. above street level.

Transmitters: 423.00 MHz DVB-T continuous, 427.25 MHz Analog VSB AM, 1258 MHz FM analog, 1268 MHz DVB-S QPSK continuous, 2395 MHz Mesh Net transceiver (channel 1 -2). ID is WR8ATV-2, 10.350 GHz: continuous analog FM.

Receivers: 147.480 MHz F1 audio input with touch tone control, 438.000 MHz DVB-T QPSK, 439.250 MHz A5 NTSC, 449.975 MHz F1 audio 131.8 Hz PL tone, 1288.00 MHz F5 video analog NTSC, 1288.00 MHz DVB-S, 2398.00 MHz F5 video analog NTSC, 10.450 GHz F5 video analog NTSC.

ATCO ESTATE AUCTION DETAILS

Because of the passing of a fellow Ham, ATCO is selling his Ham equipment. Proceeds will go into the ATCO treasury to help fund future events. Open bids are accepted via eMail to **Art Towslee, WA8RMC** at towslee1@ee.net or **US Mail at 438 Maplebrooke Dr. W, Westerville OH 43082**. Anyone interested should contact Art for details. Bidding is open until the ATCO Fall event (Last Sunday in October or 1st Sunday in November) where we will announce winners. The following is the list (pictures available from Art). Equipment is set up and operational at Art's QTH for inspection. **For more information call Art at (614) 891-9273.**

Alinco DR-1200 2M FM Mobile	Bencher ST-2 Paddle Keyer	Cushcraft A3S 3 EL. 10-15-20M Beam Ant.
TYT TH-UV8000SE Tri-Band HT	Vibroplex VibroKeyer Deluxe	Raytrack DX2000L 2KW Linear
Hy-Gain CD-45-II Rotor Control Box	Drake TV-1000 Low Pass Filter	Kenwood SP-31 Speaker
Astron RS-35A Power Supply	MFJ-486 Memory Keyer	Bencher RJ-2 Straight Key
MFJ-815B SWR/Wattmeter	Micronta Field Strength/SWR Meter	Cantenna Type Dummy Load
Kenwood SM-230 Station Monitor	Kenwood TH-75A HT	Diamond X200A Vertical Antenna
Kenwood TS-870 HF Transceiver	MFJ 4 Port Manual Coax Antenna Switch	Hustler 4-BTV Vertical Antenna
Standard 2M FM Radio		

[Editor's Note: Space was provided to ATCO at no cost to make CORC members aware of Amateur TV in central Ohio. ATCO provided all content.]

Central Ohio Radio Club, Inc
Sponsored
ARRL VE License Exam Session
(Walk-ins Allowed)

**** S OLD 3C HWY IS CLOSED ½ WAY BETWEEN****
****OH RT 3 & BIG WALNUT RD****

Sunday September 30th 2018 1:00 PM EDT

Genoa Township Hall
5111 Old 3C Highway
Westerville, OH 43082

CONTACT: Craig J. Blaine (614) 245-8697 eMail: wb2fve@gmail.com
VEC: ARRL / VEC



Put this notice on your refrigerator as a reminder or tie some RG-8 around your finger.

CORC Fall Meeting & Potluck

Sunday September 30th 2018 6:00 PM EDT

Genoa Township Hall (See Map on Back)

**** S OLD 3C HWY IS CLOSED ½ WAY BETWEEN****

**** OH RT 3 & BIG WALNUT RD****

Bring a Covered Dish (with Serving Spoon)

CORC will Provide

High Quality Plasticware

Soft Drinks, Coffee, Tea

Cups and Plates

Napkins

Ice

Program Speaker

John Perone, W8RXX CORC Director & Technical Committee Chair

Tour of NIST's WWV-WWVB Ft.Collins Transmitter & Antenna Site

John will report on his & Laura's recent tour of WWV/WWVB with behind-the-scenes photos.

It's not normally possible for the public to visit this site in Ft Collins, Colorado.

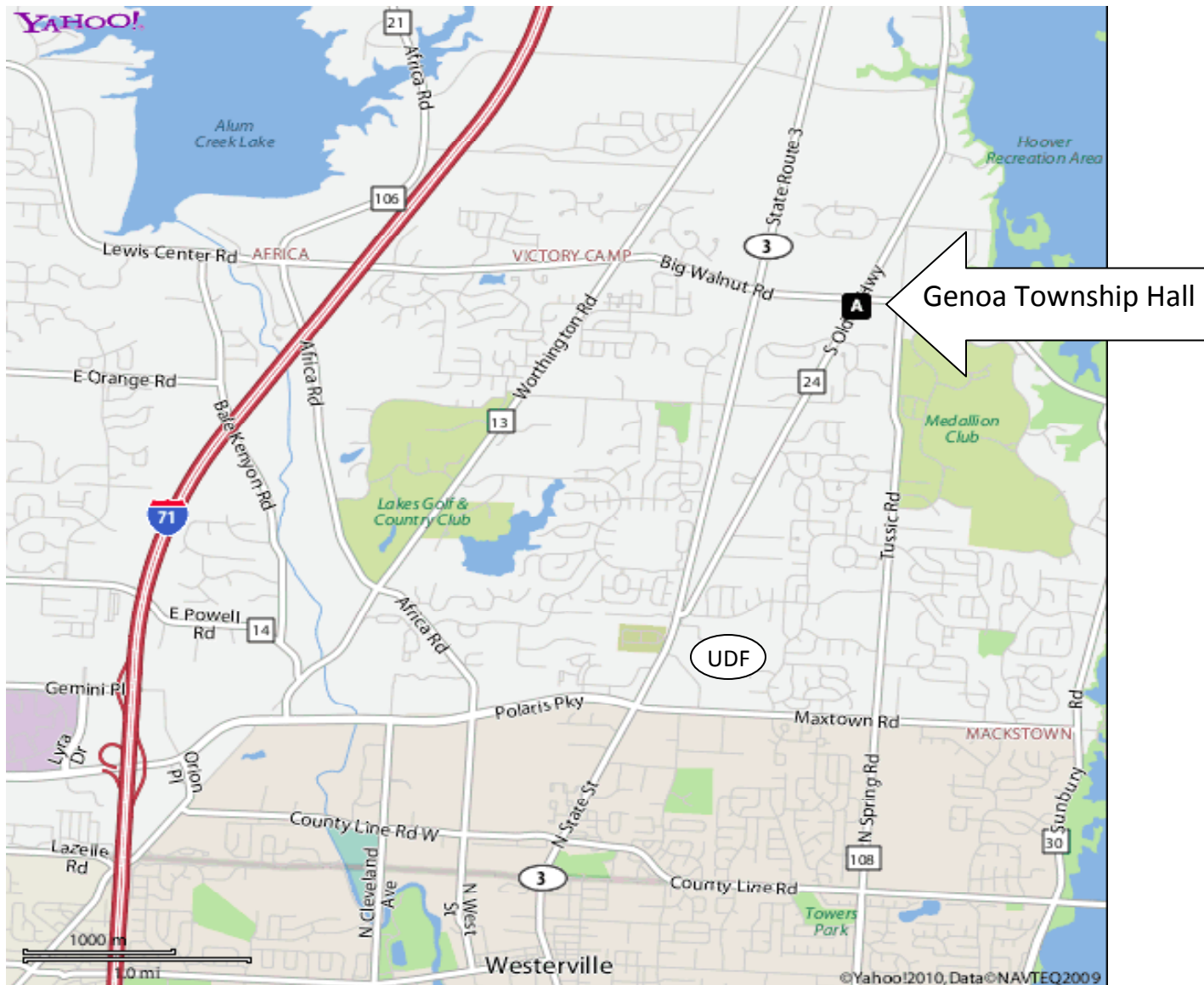
But Wait There's More!

Traditional 50-50 Drawing

Drawings for Several Door Prizes

Put this notice on your refrigerator as a reminder or tie some RG-8 around your finger

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



From 71 take Polaris Pkwy east. Turn left onto N State Route 3. Turn right onto S Old 3C Hwy.

Go north to the Genoa Township Hall on your right at Big Walnut Road.

From 270, exit at State Route 3/Westerville Road and turn right onto S Old 3C Highway.

Go north to the Genoa Township Hall on your right at Big Walnut Road.

Genoa Township Hall is on the SE corner of Big Walnut Road & S Old 3C Highway.

5111 S Old 3C Highway

Westerville, OH 43082

GPS: 40.178632, -82.902903

Revised January 2017