# Central Ohio Radio Club, Inc.

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The Central Ohio Radio Club
October 2019 Newsletter

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P.O. Box 166
Sunbury, OH 43074-0166

Web Page at http://www.corc.us
ARRL Special Services Club

# Membership application

# Central Ohio Radio Club, Inc. (CORC)

**Operating Amateur Repeaters Since 1970**

***CORC* operates repeaters with outputs on 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 the Central Ohio Traffic Net.**
**Multiple receiver sites located in Franklin, Licking, Delaware, Pickaway and Logan Counties**
**These sites ensure 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 printing & mailing costs) ____**

**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 1/19a*

# The Central Ohio Radio Club Newsletter

**October 2019**

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**KA8IWB**

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**WD8JKX**

**Newsletter Editor**
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John Perone
**W8RXX**

**FM Repeaters**

53.70 /
52.94 / 52.70
52.70 /
**W8RRJ**

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 Announces its Fall Meeting!

The Central Ohio Radio Club, Inc. will hold its next General Meeting and Pot Luck Dinner on Sunday, October 20th 2019 at the Genoa Township Hall. The Pot Luck Dinner starts at 6 PM. Plan on arriving a little early to check in, add your "contribution" to the food tables, and maybe even help us set up? We can always use the help.

The club provides soft drinks, coffee, paper plates and plastic-ware. Please bring a covered dish and serving utensils. The speaker that evening will be ARRL Section Manager Scott Yonally, N8SY. A flier is enclosed in this newsletter with more details.

## From CORC President's Desk

**Laura Perone KA8IWB**

I hope you have had a good summer. It's a busy time for everyone, some getting back to school, and it's time to get those antennas outside before that dreaded snow starts. Hopefully you were able to attend the Columbus Hamfest as it keeps getting larger.

Central Ohio testing sessions have been busy this year. Many hams are willing to encourage someone to take the test to become a ham, but it should not stop there. What many new hams need is an Elmer to help them learn how to operate their radio, put up antennas, and how to talk on the air. So if you know a new ham or hear one please take the time to help them. Many of us had someone assist us starting out. This is a way you can help the hobby.

CORC is having its next meeting and potluck on **Sunday, October 20th**. I hope you can make it as we always have a good time, great food, and wonderful conversations. Your chances of winning a door prize are good.

Whatever you do, enjoy…

73,

Laura, KA8IWB

*Do you know the first questions many new hams ask each other?*
*"Are you getting a vanity call?"*
*"When are you going for your general?"*

*A young new ham was heard replying,*
*"Neither… my dad wants me to work on becoming a good operator first."*

*We all need to help **all** new hams become good operators. I wasn't born knowing and neither were you. A lot of 'someones' were kind enough and patient enough get us where we are today. – editor*

# 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** | **W8REH** | **AC8TZ** | **W8JTH** | **KB8CIQ** |
| **WD8JKX** | **W8RXX** | **WA8KKN** | **KA8IWB** | **KC8ASF** | **KB8UVN** | **AD8EC** |
| | **KE8KJX** | **KROGER** | | **WA3UOO** | **KD8IDJ** | |

**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.**

| | | | |
|---|---|---|---|
| **KE8MEJ - CHUCK** | **KE8MGV - ROB** | **KB8UVN - MATT** | **AD8EC - JAMIE** |
| | **K8MEJ - ED** | **KE8KJX - DAN** | |

**Last meeting's door prize winners (June 9th, 2019)**

| | |
|---|---|
| **Gift Cards (2):** | **Terry Holden KD8YFW and Jake Buser** |
| **Book on HF Digital:** | **Art Grandle KD8ZG** |
| **Dual Band Mobile Antenna:** | **Linda Penzera N8FES** |
| **50/50 Drawing:** | **John Ross KD8IDJ** |
| | **Note: John Ross donated winnings back to CORC Thanks John!** |

# Tech Committee News

by CORC Technical Committee Chair John Perone, W8RXX

Here are some of the ongoing updates and maintenance that took place on CORC's systems in the last few months.

At the Bellefontaine site, WA8KKN, W8REH and W8RXX removed and relocated the VHF 4-bay receive antenna and UHF link antenna for 146.76. The tower we were on was being removed. We were fortunate to be allowed to move to a tower close by. This work required two round trips (over 100 miles each) to this far western site, one trip to remove antennas and feed lines and one to trip reinstall the week following.

At WWHO-TV, our most southern 146.76 receiver location (also over 100 miles round trip), WA8KKN and W8RXX visited to perform preventative maintenance and adjustment checks.

There's major construction on the building at our downtown Columbus 146.76 and 444.200 transmit location. There was report of water leakage damaging some equipment in the room just below the roof where our equipment is. WA8KKN and W8RXX inspected and fortunately found no damage in the area to CORC's equipment.

On another trip to the Columbus downtown site, W8RXX and his non-ham climbing friend Dan identified, traced and tagged a feedline/antenna that the US DEA had recently abandoned and transferred over to CORC. On the same trip, a replacement pass cavity was installed on the 146.76 transmitter. The old one had failed some months ago.

## Travelin' Tony's Timetables - by Anthony "Tony" Fabro N8RRB

Working for a retailer, I often hear our leadership and marketing people talking about 'being relevant in the retail world'. Retail is a very competitive industry, and each company must remain relevant in order to stay afloat. Innovation, understanding what your core customer wants, and finding a niche in the market are some of the keys to remaining relevant and having a greater chance of success.

I've sometimes thought about the topic of ham radio being relevant in today's world. We often think of ham radio's primary relevancy role as "being there when all else fails…". However, those situations occur far less often than they have in the past. Today we are able to connect people in ways unheard of just a few years ago. Communication links are more accessible and more reliable than ever. Even during disasters, basic commercial communication links are able to be set up in days rather than weeks.

So, does this make ham radio less relevant? Perhaps when it comes to emergency communication, it has to some degree. That time window when ham radio fills a communications gap may be much smaller than what it used to be, or may not exist at all. True, but if we only measure ham radio's relevance by applying it to "when all else fails…" we're narrowing the focus too much.

First, there are a number of skills that a person can learn as a ham. Anyone can communicate, but as hams we learn to be *effective communicators*. When training for emergency communications, we are taught to do things such as listen to make sure the frequency isn't active before transmitting, think before you speak, keep transmissions short, convey only one thought at a time, speak slowly and clearly, etc. How much better would our non-hams be as communicators if they followed these tips?

Hams learn to adapt to situations and overcome obstacles. We use a variety of tools in our ham radio tool box to make a connection in less than ideal conditions. If we don't have a commercial power source, we find a way to incorporate an alternate power source. If our location is not optimal for a certain antenna, we come up with an alternate type of antenna that fits the space. A great example of this are hams who talk around the world from their apartments. The skill to adapt and overcome is very relevant in today's competitive world.

And let's not forget how well ham radio fits in with classroom curriculum. With the increased emphasis on science and math in our schools, we can easily extend these subjects into our ham radio world. Just as in math we use formulas to solve problems, in ham radio we use formulas to come up with antenna lengths, power requirements, etc. In science we conduct experiments, not unlike the experimental antennas and home brew equipment we create in our hobby.

So, one could say that ham radio might be less relevant in an emergency setting (though very much an integral part of any emergency plan), but is still as relevant as ever when it comes to ways it can help prepare us for the world. It gives us a fun way of learning critical life skills. We just call it a "hobby" and use these skills for talking on the radio, whether things have failed or not.

Have a safe day.

# Tune-In and Check-In on CORC TechNet

by Rick Tressler WA3UOO

Several years ago, a few CORC members started kicking around the idea of bringing back CORC's '70s era on-air meetings to discuss technical topics of interest to members and non-members alike. Enter ***TechNet***. Our first one was held on Sunday October 9, 2011 and has continued since. It's hard to believe we are entering our eighth season with our first net on Sunday October 13th. At this writing, nets begin at 1930 local on the 146.76 repeater with a duration of about an hour. A PL tone of 123 Hz is required to access the repeater and you do *not* need to be a member of CORC to participate. We sometimes switch repeaters and have used the 147.33 CORC repeater when needed. Plans are to return to the .33 repeater permanently after some more updates on that machine have been completed.

TechNet continues today due largely to consistent check-in statistics which prove it's popular. Scheduled nets are held approximately every other Sunday through April. We do our best to schedule around holidays as well as the Superbowl. 😊

N8RRB Tony, WA8KKN Chuck and I (WA3OOO Rick) rotate net control duties and fill in some of the blanks for each other on current topics. Tony records and tracks the dates, topics, check-in statistics and basically keeps Chuck, me and the SME's (**S**ubject **M**atter **E**xperts) in line throughout the season. He also helps find SME's to present on topics like kit building, antennas, batteries, digital HF modes, DMR, EMCOMM, and repeaters to name a few. We'd be lost without his leadership. I'd also like to thank Chuck for his time and expertise.

We are always looking for new topics and SME's. We could also use a few more volunteers to assist with net control station duties. It's an informal net and prior experience as a net control station operator is *not* required. If you have a suggestion for a topic or would like to volunteer as a net control station, please send an email to ***technet@corc.us***. When I have a radio turned on, I can be reached on 444.2 and 146.97.

Upcoming dates for the fall 2019 schedule are below. Topics are in the works. Announcements on upcoming nets and topics will be announced on CORC repeaters. The TechNet season runs though the end of April.

- **October 13**
- **October 27**
- **November 10**
- **November 24**
- **December 5**
- **December 19**

We hope to hear you check in!

## CORC MEMBERSHIP ROSTER

| CALL | NAME |
|---|---|
| AA8EY | BILL |
| AC8HV | ERIC |
| AC8TZ | GREGORY |
| AC8VM | RANDY |
| AC8XP | TROY |
| AD8CM | MARCEL |
| AD8EC | JAMIE |
| AF8WX | BRIAN |
| AK4FL | FRED |
| K3ZAA | BILL |
| K8BRJ | AL |
| K8CYA | ROSS |
| K8DQ | KEN |
| K8DWR | DOUGLAS |
| K8KDR | MATT |
| K8MAY | KENNETH |
| K8MEJ | ED |
| K8MJ | MICHAEL |
| K8NEG | NANCY |
| K8NIO | WILLIAM T. |
| K8NJ | JOHN |
| K8PB | PHILIP |
| K8PFD | RONALD C. |
| K8SAR | STEPHEN |
| K8SCM | JOHN RAY |
| K8TSG | JASON |
| K8TW | TOM |
| K8UHH | WILLIAM |
| K8VKA | TOM |
| K8WBW | JAMES |
| K8XYZ | JEFF |
| KA8CEQ | JOE |
| KA8IWB | LAURA |
| KA8KVV | MARVIN |
| KA8LGO | LYNN |
| KA8RLC | KALMAN Y. |
| KA8RTI | MICHAEL |
| KB6VN | MICHAEL |
| KB8ABO | JOHN |
| KB8CIQ | SANDY |
| KB8CMW | PAUL J. |
| KB8DEO | STUART W. |
| KB8DRQ | DAVID |
| KB8KKW | MORY |
| KB8NMT | DAVID |
| KB8PZA | MARY |
| KB8TRL | JIM |
| KB8UVN | MATT |
| KB8WO | PAUL |
| KC8ASF | TONI |
| KC8FRJ | CHRISTOPHER |
| KC8GLT | FRANK |
| KC8MLN | TOM |
| KC8MQO | DAN |
| KC8NRE | ANN |
| KC8NRF | CHARLIE |
| KC8NRI | BETH |
| KC8WTW | DWIGHT |
| KD7PBU | JOHN |
| KD8ANM | ADAM |
| KD8ASZ | ROBERT BRUCE |
| KD8BDO | ROYDEN |
| KD8BGR | CHARLOTTE |
| KD8DSJ | KASSIE |
| KD8GUM | BOB |
| KD8IDJ | JOHN |
| KD8ISB | TAMMERA |
| KD8KBX | STAN |
| KD8OQA | MARTIN |
| KD8OVD | WAYNE |
| KD8OZF | MICHAEL |
| KD8PHG | RICHARD |
| KD8QFO | GENE |
| KD8RID | RANDALL |
| KD8RNQ | WILLIAM |
| KD8RTP | JOHN |
| KD8SNH | BRYAN |
| KD8SSD | LEW |
| KD8SYP | BOB |
| KD8TQE | RICK |
| KD8TTE | MATTHEW |
| KD8TYK | SCHUYLER |
| KD8UNT | MARK |
| KD8UTU | SUSAN |
| KD8VRN | WILLIAM |
| KD8YEA | MICHELLE |
| KD8YFW | TERRY |
| KD8YYP | ANN |
| KD8ZG | J. ARTHUR |
| KE8ANW | BRIAN |
| KE8BBU | DONNA |
| KE8BBV | EDWARD |
| KE8BKR | SANDI |
| KE8BRN | TOM |
| KE8BVO | CARROLL |
| KE8BWI | MICHAEL |
| KE8CLB | KIM |
| KE8FNB | JENNIFER |
| KE8GTT | SEAMUS |
| KE8HBF | JONATHON |
| KE8HPH | FRANCIS |
| KE8HWY | MOTT |
| KE8HXE | BRAD |
| KE8IGF | JEFF |
| KE8ILF | JAMES |
| KE8IOS | JOHN |
| KE8IQL | ERIC |
| KE8IZX | SHAWN |
| KE8JVX | BRIAN |
| KE8JWJ | MATTHEW |
| KE8JYY | THOMAS |
| KE8JZH | MARK |
| KE8KJX | DAN |
| KE8MEJ | CHARLES |
| KE8MGV | ROB |
| KG8DN | KENNETH |
| KG8DZ | JAMES |
| KK4QAH | THOMAS |
| KM6KOT | ROBERTA |
| KN8ITR | MARTHA |
| KV8Z | CHRIS |
| N3STG | PETER |
| N8ABE | MICHAEL L |
| N8AJ | LYNN |
| N8AKI | SYLVIA |
| N8BHL | G. STANLEY |
| N8DLA | DON |
| N8DRZ | JOSEPH R. |
| N8FES | LINDA |
| N8GCT | ARTHUR |
| N8GCU | JEAN |
| N8GU | DR. BOB |
| N8HDR | AL |
| N8ISI | MARY L. |
| N8MFE | KEMPTON |
| N8OCP | JOHN |
| N8OCQ | BOB |
| N8OIT | FAWN |
| N8PCJ | JIM |
| N8PRB | PHILIP ROLAND |
| N8PVC | JOHN |
| N8PVD | JOHN |
| N8RRB | ANTHONY |
| N8RZB | CHERYL |
| N8SQ | STANLEY F. |
| N8SY | SCOTT |
| N8TDB | AL |
| N8TTX | MIKE |
| N8XLW | CHUCK |
| N8XRV | BRIAN |
| N8XYP | KENNETH C. |
| N8YKW | MICHAEL |
| N8ZQ | PAUL |
| NL7CF | ALFRED |
| NZ8C | RICHARD |
| W8AGS | JOHN |
| W8ARD | RUSSELL |
| W8CFO | CHARLES |
| W8DHS | DENNIS |
| W8EV | MIKE |
| W8FEH | STEW |
| W8III | GARY |
| W8JJB | JORDAN |
| W8JNE | CHARLES |
| W8JTH | TED |
| W8KRR | PETE |
| W8KWA | CHARLES |
| W8KWG | GAYLE |
| W8LGY | RUTH L. |
| W8LGZ | JIM |
| W8LW | ROBERT B. |
| W8NBA | JOE |
| W8NEE | JOHN |
| W8NRH | DAVID |
| W8PRR | RICK |
| W8REH | ROY E. |
| W8RRJ | JOHN |
| W8RXX | JOHN |
| W8SGM | MICHAEL |
| W8SJQ | ROCCO A. |
| W8UGG | PAUL B. |
| W8WJH | WARREN |
| W8WTB | FRED |
| W8ZCG | AARON |
| W9ARD | ALICIA |
| WA3EZN | DAVID |
| WA3UOO | RICK |
| WA3ZBU | DONNA |
| WA8CLT | JOHN |
| WA8FKC | ANDREW ERIC |
| WA8KKN | CHARLES |
| WA8MNC | ALAN |
| WA8OMQ | DEAN |
| WA8RMC | ART |
| WA8RR | RICHARD |
| WA8UZP | JIM |
| WB8AKW | JOHN |
| WB8LAP | JOHN |
| WB8RUW | DENNIS F. |
| WB8SYK | JAMES W. |
| WD8CZG | GORDON L. |
| WD8JKX | STEVEN |
| WD8OTO | FRED D. |
| WD8QWR | PHILIP L. |
| WZ8JML | JEFF |

## Battery Power Meters and Negative Numbers – by Steven Robeano, WD8JKX

In the summer of 1960, I bought my first car. It was a beautiful 1947 Plymouth sedan and I was a gawky 1943 model year teenager. The car was 13 years old and I was 17. The car looked nearly brand new and judging from some old extant family snapshots, so did I, flattop, comb in pocket, belt buckle on the left side and all. The old man who lived across the street (nearly 40) sold it to me for $195. He had washed and waxed it every Saturday since he had bought it, used, in '49.

It had noisy valve lifters, a rod that knocked, burned about a quart of oil per tank of gas, and had a battery with a couple of bad cells …but the body looked like it was dipped in black liquid glass. I took care of the lifter clicks, rod knock, and the insatiable thirst for oil all at once with an endless and thankfully free supply of 60-weight aviation engine oil discarded by my employer at Bates Field Regional Airport (shared by Mobile, Alabama and Pascagoula, Mississippi.) The battery, and hence starting the car, was entirely another story.

I had no problems in the summer. The car would start on 9 volts or less when it was nice and warm out but in the dead of winter when temperatures might drop into the (gasp!) lower 40s (this was southern Alabama you see) the car wouldn't crank because the 90W engine oil got too thick and the battery was too weak. AAA got very tired of my repeated calls for a jump on school days when the temps got into the 40s. That first winter, the regular AAA driver gave up and often was already waiting for me in his truck at 7 am when I left the house. The next year, AAA refused to renew our family road service if the '47 was going to be included. I couldn't really blame them.

JJ Cooper, a fellow airport ramp-rat, who seemed to know almost everything about cars and electricity, helped me build a charger with an old Western Electric transformer the size of a toaster oven and a 5U4 rectifier tube that looked a lot like a 5¢ coke bottle on steroids. He donated an old center needle -15 to +15 DC voltmeter that he "re-cabla-rated" and re-labeled to tell me how much "paar" was left, displayed as "cranking time". After a little trial and a *lot* of error, the meter (he promised) would tell me how many minutes of cranking time I had left. It worked great when it was warm out but it showed negative time left when the weather was very cold. I asked him what "negative time" meant if the car was still able to start. He thought a while and said he reckoned maybe we should 're-cablarate' the left-hand side of the meter to be the temperature drop before the car stopped cranking due to 'cold' weather. Was this pseudo-science or pure genius? At any rate, at the time I didn't really understand or much believe a word of it. His gizmo worked when it was cold out and those were the only times I ever needed it anyway.

All this came back to mind last May while driving south somewhere in lower Alabama. I heard two hams on a 2M repeater along I-65 talking about 'negative' numbers: Power, volts, amps, time, and such. One was trying to explain to his friend that a negative number can denote what you'll need to get 'back up to nothing'. Their QSO did not go well.

Short answer to at least get you thinking about negative numbers… They can simply be a QUANTITY. Bounce a bank check if you want a fast education. Other times they indicate a DIRECTION (latitude/longitude, DC current/voltage. charge, time, etc.). They can be in a combination (Quantity *and* Direction) called VECTORS (satellite orbital mechanics, force, etc.) or in COMPLEX NUMBERS (which are a special case of vectors) used in advanced antenna and feedline computations (Smith Charts, impedance, and more.) Hmm… Some of this sounds like really good subjects for a CORC TechNet, doesn't it?

Do you ***need*** to know a lot more about negative numbers, vectors and complex variables to enjoy basic amateur radio? Well, probably not. *Should you* know more about them? A resounding YES because you can do more with less equipment and have better results. Some things can NOT be calculated without negative numbers, vectors or complex variables. The alternative is "trial and error". Example: Tuning an antenna with an SWR meter is trial and error. At the minimum, learn what these math tools can do. Now-a-days, there are computers, smartphones and devices like Rig-Expert to do the grunt work for you but you need to know what they can do and understand how they work.

I often wonder what ever happened to JJ Cooper. His gizmo and the '47 Plymouth are both long since gone but I still have that old 5U4 and the occasional run in with negative inventory safety factors out in the business real world.

# New User Tips for VHF-UHF Operation (Part 1) - by John Perone, W8RXX

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Be sure the frequency is "clear" before you transmit. Think how **you** would like it if someone interrupted your conversation.

- Recommendation: when you turn to a repeater or a simplex frequency, listen for at least thirty seconds before transmitting.

---

Using Q-signals **too often** is bad form. Although Q-signals have a very valuable place in Amateur Radio, they are not universally accepted on F.M. voice channels. Using them during EVERY TRANSMISSION is really annoying.

- Recommendation: use Q-signals sparingly. Once in a while. Not very often.

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Using the phrase "clear and monitoring" is not really necessary. Neither term is required by the F.C.C. or anybody else. If you call another amateur, using his/her callsign and yours, and that person does not answer, it is **not** necessary to advise "clear." You have already identified your station and any other identification is superfluous.

- Recommendation: use "clear" **only** to mean that you are shutting down operation and will not be there to answer any subsequent calls. Under normal circumstances, when you are finished with a contact but will continue listening, it is sufficient (and just right!) to merely say your call sign.
- Contrasting Recommendation: If you attempt to contact someone and there is no answer, you can notify others that you are finished by saying, "KF8xxx clear," or "no contact, this is KF8xxx clear W8ABC repeater." This allows someone who may have been standing by to go ahead and make his or her call.

---

Using the term "for I.D." is not necessary. There should be no reason to transmit your call sign **other than** to identify your station. Identification is required every 10 minutes during a conversation and at the end of a conversation or series of communications. Conversations need not come to a halt while you identify. ("Stand by, everyone, while I say my call sign.") Simply say your call sign once within 10 minutes.

- Recommendation: while talking, say your call sign once every ten minutes. Don't say "For I.D., this is KD8xxx." Don't say "For license preservation purposes, this is KD8xxx" more than once or twice per year. Identify properly, but do not over-identify.
- Contrasting Recommendation: if you hear someone say "for I.D.," they may be trying to gently remind you that 10 minutes have passed and you should identify your station. Take the hint and say your call sign the next time it is your turn to talk.

---

Long ago, F.C.C. rules required mobile hams to not only say their call sign, but to say where they were operating, giving both the city and the call sign area. You may hear some hams saying, "...mobile 6" or "...mobile 3" after their call sign. This means that they are operating "mobile, in call sign area 6" or "mobile, in call sign area 3." This is no longer required but it is sometimes good to know. When leaving their home state, some hams will keep track of what call sign area they are in, and say, "...mobile 7," or "...mobile 1," or whatever.

- Recommendation: it's not necessary, but it's not wrong.

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# New User Tips for VHF-UHF Operation (Part 2)

Certain types of jargon are easily recognizable as being "CB" terms. "What is your personal?" when you mean "what is your name?" "I'm on the side," when you mean you are "listening" or "monitoring." Although there is nothing "wrong" with CB, these terms are neither generally used nor appreciated on Amateur Radio frequencies.

- Recommendation: avoid CB-style jargon and terms. Generally speaking, plain English is better: "my name is xxxx, what is yours?"

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In this day of scanners, scanning mobile radios, scanning portable radios, dual-, triple- and quadruple-band radios and multiple radios in the car or shack, you could miss making contact with someone because your radio is scanning several channels or bands. If you know that the person you are calling is sitting next to the radio waiting for you, you can make your call very simple: say his/her call, then your own. However, if your friend has a scanning radio or listens to several radios, it is possible that he/she could miss your call. You should call twice: say the other station's call twice, then your own. Pause for a half-minute or so and try again. It might also be a good idea to try again in 4 or 5 minutes, in case the called person's scanner was stopping on a long, drawn-out conversation. And if you know that the called station is listening to more than one frequency, you can call and say "on [such-and-such] repeater" to give them a hint as to which microphone to pick up or which band to select.

- Recommendation: call twice.

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You may hear people using the term "73," meaning "best wishes." There is no "s" in the salutation "73." (Other hams may use the term "88," meaning "love and kisses." Typically used between husbands and wives.) These shortcuts were developed years ago as a way to communicate common thoughts quickly. You will hear others saying "73s" and "88s" (wrong!) You might even hear someone saying [cringe!] "threes and eights and all those good numbers!" Yecch! Negative!

- Proper usage would be similar to this:
  - Voice: "OK, Dan, seven-three and I will talk to you later. (pause) WA8AII."
  - Voice: "73 for now, WB8KHP clear."

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Sometimes while talking to another station, it is necessary to ask the other person to "stand by." This may be caused by (a) a driving situation needing immediate attention to avert a crash, (b) a spouse or child walking into the "shack" with a message, (c) placing your order at a drive-up window, etc. The proper response, when requested to "stand by," is **silence.** Generally it will only take a moment and the other station will be back. If you feel it necessary to say something, then say, "[call sign] standing by." If you respond to "stand by" with a long, drawn-out acknowledgement, it serves **no purpose** and the person asking you to "stand by" is not listening anyway.

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One of the most important things for new hams to learn is to "K-H-T." That is "key, hesitate, talk." You must consciously learn to push the microphone button, pause slightly, and then begin speaking. If you push the button and speak simultaneously, the first word or the first part of a word may be cut off. This does not facilitate effective communications. Hopefully, if you learn to do it correctly from the first day, it will become subconscious and you will do it automatically. If this is the case, you will earn the respect and admiration of your peers. If not, you will be forever labeled as a sub-standard operator.

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Try to keep your language polite. Profanity and discussions of bodily functions should be off limits - not because of government rules, but because it's the right thing to do. Generally, other hams and their family members do not want to hear conversations that are not of the "G-rated" variety.

# CORC Fall Meeting & Potluck

## Sunday October 20th 2019 6:00 PM EDT

**Genoa Township Hall (See Map on Back)**

**Northbound S OLD 3C HWY is *still* detouring between**
**OH RT 3 & BIG WALNUT RD**
**We suggest you access Genoa TWP Hall from Big Walnut Road**

**Bring a Covered Dish (with Serving Spoon)**

## CORC will Provide

**High Quality Plastic-ware, Soft Drinks, Coffee, Tea**
**Cups and Plates, Napkins and Ice**

## Program Speaker

**Scott Yonally, N8SY**
**ARRL Great Lakes Division - Ohio Section Manager**
**"General Update on the Ohio Section"**

## But Wait There's More!

**Traditional 50-50 Drawing**
**Drawings of Several Door Prizes**
**(No Virginia, you get to keep the door prizes, not just a drawing of it!)**

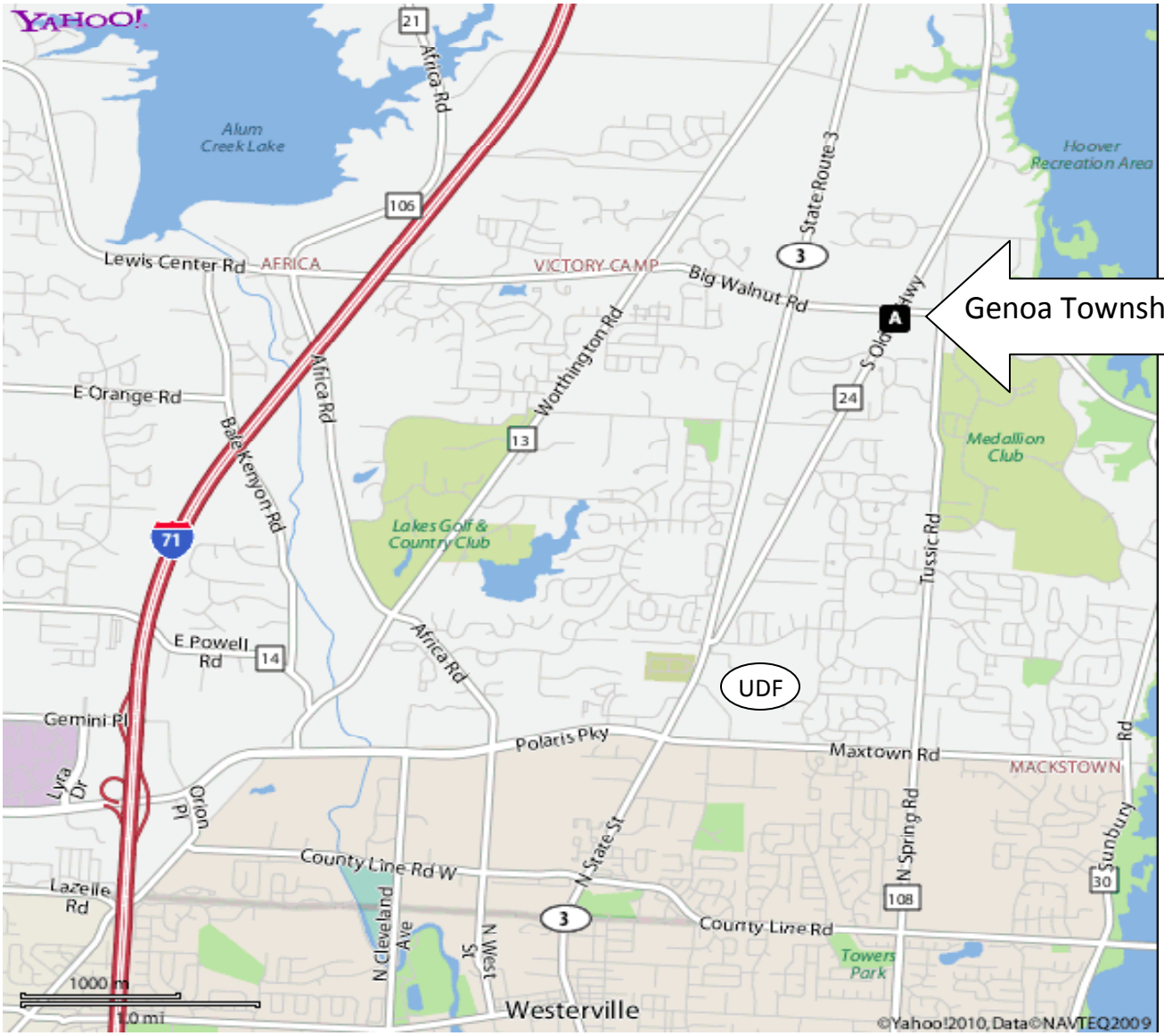
**Put this notice on your refrigerator as a reminder or tie some RG-8X* around your finger**

***Note:** WA3UOO recommends LMR-240 in lieu of RG-8X as it is less lossy and bends around your finger better. For more information on selecting coax for your finger, see his article in the June 2019 CORC Newsletter.

# And now that you know about it…

# Here is how you get there!

Note: S old 3C Hwy [24] is closed for construction between State Route 3 and Big Walnut Rd. Use SR 3 or Tussic Rd as detour.




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