

# THE 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: JOE HAHN ( W8NBA), P.O. Box 398, PATASKALA, Ohio 43062 ITEMS CAN ALSO BE E-MAILED TO [NEWSLETTER@CORC.US](mailto:NEWSLETTER@CORC.US) .

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Web Page At: [HTTP://WWW.CORC.US](http://www.corc.us)



THE CENTRAL Ohio Radio Club  
JANUARY 2016 Newsletter



Editor, CORC REPEATER Newsletter  
JOE HAHN (W8NBA)  
P.O. Box 166  
Sunbury, Ohio 43074-0166

# 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, 444.200  
145.49 D-STAR & 444.000 D-STAR

*Some of the features include:*

Worldwide linking on our IRLP & D-STAR Repeaters.  
Autopatch access to Columbus area phones.  
Rapid access dialing to public service telephone numbers.  
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.

General 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 members that are amateurs at the same address are NO additional charge.

Associate membership is available to interested parties that live  
outside the general coverage area of the repeaters for \$10.00  
Associate members have no voting privileges and receive an e-mail copy of the newsletter.

\$18 / 1 year - \$32 / 2 year - \$45 / 3 year Dues Enclosed \$ \_\_\_\_\_  
Optional Donation - CORC is a 501(c)3 corporation \$ \_\_\_\_\_  
Total \$ \_\_\_\_\_

Please mark one: ☐ New Application ☐ Renewal Application ☐ Associate 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 John, W8RXX @ 614-579-0522 or visit the **CORC** website at [www.corc.us](http://www.corc.us)

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

Rev 1-15

# The Central Ohio Radio Club Newsletter

January 2016

President

Laura Perone  
KA8IWB

Vice-Pres.

Phil Carter  
WD8QWR

Secretary

Tony Fabro  
N8RRB

Treasurer

Steve Robeano  
WD8JKX

Newsletter

Editor

Joe Hahn  
W8NBA

Membership

Chairman

John Perone  
W8RXX

FM Repeaters

52.94/51.70  
/53.70 – 52.70  
W8RRJ

146.16 / .76  
W8AIC

146.37 / .97  
W8RRJ

147.93 / .33  
W8NBA  
IRLP Node 8094

444.200/449.200  
W8AIC

442.800/447.800  
K8NIO

D-Star Repeaters

145.49 / 4.89  
444.000/449.000  
W8CMH

## CORC Announces Annual Meeting!

The 46<sup>th</sup> Annual Meeting of the Central Ohio Radio Club, Inc. will be held on Sunday, February 28, 2016 at the Genoa Township Hall. The Pot Luck Dinner will start at 6 PM. A flier is enclosed with this newsletter. The club will provide soft drinks, coffee, paper plates and plastic-ware. Please bring a covered dish and serving utensils. Again this year, we are giving away another radio, this time a **Yaesu FT-60R** dual-band 2 meter/440 MHz HT. Like previous radio raffles, any paid up MEMBER present is automatically given one ticket at the door per family. Non-members and additional tickets may be purchased for \$5 each. The speakers for the evening will be John, W8RRJ and John, W8RXX who will be discussing techniques for direction finding and building a 2 meter loop antenna. Also information on the 147.33 update project will be presented.

Election of directors, whose terms are expiring, will take place as well as an overview of the last year's operations. The nominating committee consists of Chuck Wood, WA8KKN, Phil Carter, WD8QWR and Joe Hahn, W8NBA. Terms expiring are Laura Perone, KA8IWB, Warren Hull, W8VET and Tony Fabro, N8RRB. Volunteers for committee chairs will also be taken and appointed by the President. Please consider running for a board seat as openings are possible!

Anyone wishing to nominate a member for a board position should contact WA8KKN, Chuck Wood, Chairman of the Nominating Committee, in writing, at least ten days prior to the meeting. Letters of Intent can be mailed to: CORC Nominating Committee c/o Chuck Wood, WA8KKN, PO BOX 166, Sunbury, Ohio 43074-0165 or can be e-mailed to Chuck at: [WA8KKN@arrl.net](mailto:WA8KKN@arrl.net). He also monitors the 146.97 repeater.

For your information, and according to the by-laws, printed below is from Article III, Section 10 – Election of the Board from the current CORC Constitution.

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.

This newsletter is being mailed to all members as notice of the Annual Meeting, even if you requested the newsletter by e-mail. This is required by our by-laws. **For many members, dues are now due.** Check the label on the cover for your expiration date. Please fill the application out in full only if anything has changed from what's printed on the label. We are trying to make sure we have everyone's up-to-date home address. If everything is correct, just mail in the label page in with your payment. We also need an e-mail address if you receive the newsletter electronically. Please use an address that is not forwarded as those e-mails are usually bounced or lost. Thank You!

## Amateur ARRL VE Testing

**Saturday, February 28, 2016**

**The test is at Genoa Township Hall. Testing Begins at 1 pm.**

**Here's what you need to bring in addition to the ARRL fee:**

**Taking your first exam:**

- A photo ID like a driver's license or school ID.
- Pen & Pencil for filling out paperwork & answer sheet.
- If you plan to bring a calculator make sure it's not programmable. Also you cannot use a calculator that is built-in to a cell, smart phone, or tablet.
- You may want to register for a FRN (FCC Registration Number) at the FCC ULS website a couple of weeks before taking your exam.

**Upgrading an existing license:**

- A photo ID.
- Pen & Pencil for filling out paperwork & answer sheet.
- The original and a photocopy of your current license.
- The original and a photocopy of any CSCE's showing credit for elements earned but not reflected on your current license.

**Modifying or renewing an existing license:**

- A photo ID.
- Pen & Pencil for filling out paperwork

## New Newsletter Editing Team

As of our next issue in April, responsibility for this newsletter will fall to two brave volunteers, Dr. Paul Laughlin, N8ZQ, who will serve as editor, and Terry Crabtree, who will assume the task of Circulation Manager for the mailed print version.

Paul, a retired college professor, has been a ham for going on 55 years, having been first licensed in Northern Kentucky as WN4CTL in 1961. He is an avid CW and SSB operator on HF, though he has dabbled in RTTY and PSK31 as well, and has been haunting the various repeaters and simplex frequencies in Central Ohio ever since he moved here in 1979. His wife Donna, a third grade teacher, is also an experienced ham (WA3ZBU), with some forty years in the hobby. She only works CW on HF—though her melodious voice can be heard frequently on our VHF and UHF repeaters. Both of them prefer rag-chewing to contesting and chasing DX or certificates. They reside in Upper Arlington and have three grown children and one grandson, all now out of the nest.

Terry Crabtree is a relative newcomer to the hobby, first licensed as KE8BUU in the closing months of 2015. He quickly upgraded to Extra Class and now bears the call sign N8TFC. Terry is a retired COTA bus driver, has many years of experience in the CB aspect of our radio hobby, and still enjoys hooking up with old friends through that medium. He loves to tinker, especially with antenna designs and construction. He has three sons, the youngest two of whom are in college. One of them, Adam, is also a new ham, KE8BUV, but is too busy with school work to spend much time on the air. Terry and his two young sons reside in south Columbus.

Please welcome our new CORC Newsletter team!

## Monthly Amateur Radio events...

- First Saturday of each month: QRP meeting - Open to all, Ham or not. Come check out what's happening in low power operation. 10:30 AM at Universal Radio. Remember HTs are QRP too.
- Second Saturday of each month Shortwave Listener's Group  
Open to all. Come find out what is going on in the world of shortwave. Hear what others are listening to. 10:30AM at Universal Radio.
- Third Saturday. Quarter Century Wireless Assn  
If you were first licensed 25 years ago you qualify for membership. Everyone is welcome. Come learn from the Old Timers. Many years of knowledge here. Best source for your HF questions to be answered. Months and programs vary. 10:30AM at Universal Radio Check: [Universal-radio.com/events.html](http://Universal-radio.com/events.html) for schedule.

## Membership Update

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	WD8QWR	N8RRB	KC8ASF	WA8CLT
KB8CIQ	WD8JKX	W8RXX	WA8KKN	KA8IWB	KE8BUU
K8XYZ	N8XYP	W8III	N8ZQ	WA3ZBU	W8VET

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.

AB4CT – PATRICIA (I messed up her call last issue, sorry... 4 not an 8)

WA8CLT – JOHN	KE8BUU – TERRY	KE8BUV – ADAM	KA8G – DAVE
N8KFT – KATHY	KE8BZS – JASON	KE8AVW – AUSTIN	KD8YEB – JIM
KE8AVX – ALLEN	KE8CKT – KURT	KD8VXH – ROBERT	KE8CKY – WESLEY
KE8CKW – BENJAMIN	KE8CKZ – ALECIA	KE8AVV – DOUGLAS	
KB8ABO – JOHN	KE8CLB – KIM	KE8BOV – BILL	

NOTE: The following have changed their callsigns since joining: KE8BUU is now N8TFC; KE8AVW is now N8AXX; and KE8BZS is now N9DWP.

Prize Winners at our October 18th potluck / meeting:

Gift Card #1 – Donna, WA3ZBU  
Gift Card #2 – Don, N8DLA  
Gift Card #3 – Kass, N0CALL  
Fanny Pack – Bob, N8VJH  
50-50 drawing – Joe, W8JPF

# Universal Radio - Quality equipment since 1942.

The FT-991 is now on live display in our showroom ...

## YAESU FT-991



- Spectrum Scope
- TCXO
- IF Shift & Notch
- C4DM
- High Speed IF DSP
- HF+6M Autotuner
- TFT Color Touch-Display
- Two Roofing Filters

The **Yaesu FT-991** is a multimode high-power base/mobile transceiver covering HF 160 to 10 meters plus 50/144/430 MHz. Receive is 0.1-56, 76-108, 118-164 and 420-470 MHz. Power is 100 Watts HF/6m and 50 Watts 2m/70cm. The auto-tuner covers 160-6 meters with 100 memories for quick tune times. With incredible 3.5" TFT color touch panel display. The built-in  $\pm 0.5$  PPM DDS/PLL local oscillator provides high stability for demanding digital modes. 8.8" x 3" x 9.9" 9.7 lbs.

Order #3991 Call for price.

The FTdx1200 is now on live display in our showroom ...

## YAESU FTDX1200



- Dual VFOs
- 2 Antenna Jacks
- DSP RX/TX
- Spectrum Scope
- Shift, Notch, Passband
- Digital Noise Reduction
- IF Width
- Auto Antenna Tuner

The **Yaesu FTDX1200** covers 60 to 6 meters with 5 to 100 Watts on SSB, CW, and FM (25W AM). It uses 32-bit high speed floating point DSP. A built-in 4.3-in TFT wide full color High Resolution Display with loads of information provides superior operability and visibility for the FTDX1200 owner. A High Speed Spectrum Scope located just below the LCD. Roofing Filters (3/6/15 kHz) are featured. The optional #6072 FFT-1 Unit adds AF-FFT scope function, RTTY/PSK31 Encode/decode, CW decode. Supplied with MH-31B8 hand mic, DC cord, spare fuses and manual.

Save with Yaesu's \$300 rebate valid to 12/31/15! List \$1900.00 Order #1200 Call for price.



## ID-5100ADLX



- D-Star Digital
- SD Card Slot
- 2250 Memories
- Wide Receive
- 3 RF Levels
- DTMF Mic.
- Band Scope
- Cross-band Repeat
- V/V, U/U Receive
- Separate Head
- GPS
- 9600 Packet Port
- PC Programmable
- Encode/Decode

The Icom **ID-5100ADLX** 2m/440 has next generation D-Star capability with 50 watts on both bands with VV, UU and DV dual watch. Wideband receive 118-137 [AM], 137-174 and 375-550 MHz. 1000 regular, 4 call channels, 50 scan edges and 1200 repeater memories, SD card slot for voice/data storage, D-PRS enhancements, TNC/9600 bps modem connectivity, GPS and HM-207 control mic. This new DLX version now includes the MBA-2 head bracket. Requires optional MBF-4 for mobile mounting.

List \$799.00 Order #0510 Please Call

## PARADANradio ANT DISCON



The **Paradan Antenna Disconnect** actuator protects your radio in two ways. When your radio is on, it prevents static-discharge, surges and lightning-strike effects via a gas discharge tube on the coax line input. When it senses your radio is turned off, the antenna's signal and ground wires are shorted together and grounded plus both the coax center and coax ground are disconnected from the radio. When the radio is powered on, the actuator reconnects the antenna for normal operation. A great insurance policy for your radio. The required 12 Volt power for the actuator comes from the transceiver's auxiliary power socket. If your radio does not have an auxiliary power jack, then you can simply connect to your 12 VDC power supply (presuming you turn the power supply off when not operating).

If you do not have an aux power jack, and always leave your power supply on, there is an optional *ON Detector* that connects in series with your radio's power line.

ANT DISCON Order #4738 \$99.95

## HY POWER QRP MICRO DIPOLES



**Hy Power QRP Micro Dipoles** are ready to hit the trail with you. These are full length dipoles, but are constructed to fit in your pocket! The center connection is a banana jack to **BNC** adaptor. The compact end insulators are made from 3/8" round fiberglass. These antennas are not meant to be used in a permanent installation. Absolutely great for back packers. They can handle up to 250 watts. FSDP15QM shown.

Model	Type	Feet	Order#	Price
FSDP40QM	40M Fullsized	70	#6544	\$41.95
FSDP30QM	30M Fullsized	48	#6545	37.95
FSDP20QM	20M Fullsized	35	#6546	34.95
FSDP17QM	17M Fullsized	26	#6547	33.95
FSDP15QM	15M Fullsized	23	#6548	32.95
FSDP12QM	12M Fullsized	20	#6549	31.95
FSDP10QM	10M Fullsized	17	#6550	29.95
FSDP 6QM	6M Fullsized	10	#6551	28.95

## PARADANradio

### POWER STRIP 4



The **Paradan Power Strip 4** horizontal design permits easy fan-out from the four Powerpole outputs. The bright LED digital display accurately indicates the DC voltage. The input is fused, and the strip is RF filtered. Anderson locking clips may be used to secure the connections. 40 Amps maximum capacity. 5-17 VDC. Fuse: one 40 Amp ATC. Includes 5 red and 5black Powerpole connectors. 5.1 x 2.2 x 1 inches 5.5 oz. Made in U.S.A.

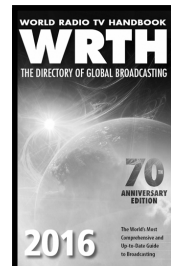
Order #2932 \$64.95

## WORLD RADIO TV HANDBOOK 2016

This long established publication is filled with schedules, frequencies and addresses of shortwave broadcast stations. Organized primarily by country. Also includes a by-frequency listing of shortwave broadcast stations, radio club info., plus receiver reviews.

WRTH Pub. 2015 70<sup>TH</sup> Edition. List \$49.95.

Order #6016 \$44.95



universal radio inc.

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Reynoldsburg, OH 43068

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# **CORC 46th ANNUAL MEETING**

**and Pot Luck**

**SUNDAY**  
**FEBRUARY 28, 2016**  
**6:00 PM**

**THE GENOA TOWNSHIP HALL**

**CORC WILL PROVIDE**

Soft Drinks  
Coffee/Tea  
Plastic Ware  
Cups, Plates

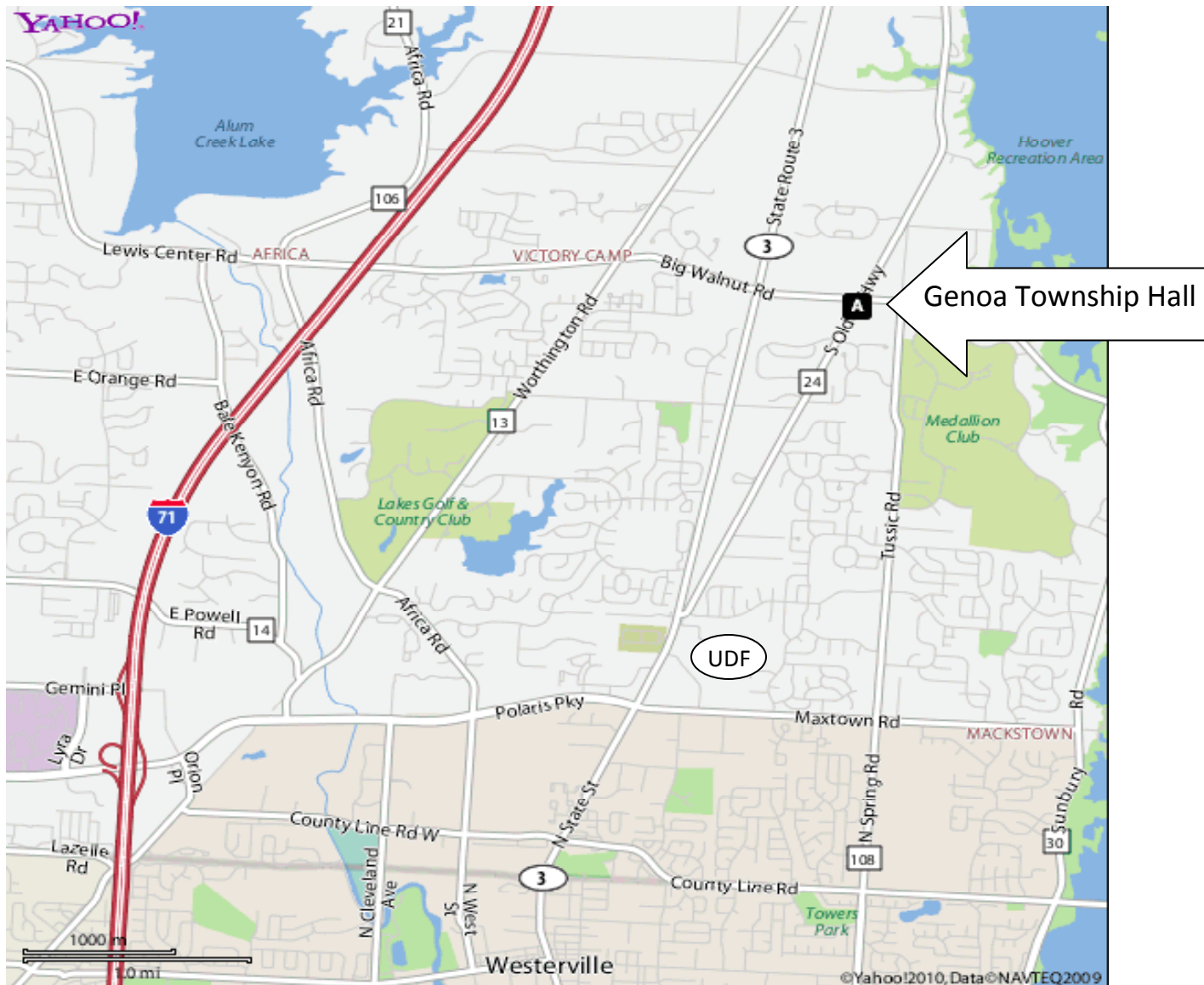
**\$\$ 50-50 Drawing \$\$**

W8RRJ, John and W8RXX will be speaking on  
Direction finding and building Loop Antennas  
Lots of SPECIAL prizes and surprises!

**BIG RADIO RAFFLE**  
**Dual Band Yaesu FT-60R**  
**MUST be present to WIN, Extra Tickets \$5**

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.