

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 .

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THE CENTRAL Ohio Radio Club
May 2013 Newsletter



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

Universal Radio - Quality equipment since 1942.

CommRadio CR1



The **CommRadio CR1** communications receiver offers interesting capabilities, not previously available. The CR1 is a true SDR (software defined radio), but does *not* require a computer. Enjoy the benefits and performance of state-of-the-art SDR, but in a conventional radio package. The CR1 SDR is independent of a host PC, using embedded digital signal processing technology that provides a degree of portability and performance previously unavailable to the radio enthusiast. Coverage includes: 500 kHz-30 MHz, 64-260 MHz and 437-468 MHz in AM, SSB, CW, WBFM, NBFM modes. (LW 150-500 kHz with reduced performance). The incredible performance is combined with exceptional portability and ease of use. The radio may be powered via USB or 6-18 VDC input. In both cases the optional Li-ion battery will be recharging, even when the radio is in use. All this American technology and capability is housed in a compact, metal case measuring 5.64 x 2.43 x 6.10" 1.8 lbs. The CR1 comes with a DC cord and printed Owner's Manual. This radio requires 12 VDC @500ma. The MG ADPT40 CR1 #6065 \$15.95 is suggested.

CR1

Order #2001

Please Call



ICOM ID-51A

- GPS Receiver
- 1304 Memories
- Auto Position Reply
- Voice Memory
- DTMF Keypad
- Micro SD Card Slot
- IPX7 Construction
- AM & FM Broadcast
- D-STAR DV

The **Icom ID-51A** may be the most hi-tech dual band HT in the world. It covers 2 meters and 440 MHz and receives two bands simultaneously (V/V, U/U or V/U). It is IPX7 waterproof and features a built-in GPS! The 128x104 dot-matrix display is impressive. This radio has an astounding 1304 alphanumeric memories. There is a Micro SD card slot for an optional memory card. This can be used to store DVR Incoming/Outgoing Messages, GPS Log and Memory Backup. There is built-in CTCSS/DTCS encode/decode for analog FM. It even features an independent AM and FM broadcast receiver. A new Voice Memory feature records incoming and outgoing calls and can be used as a voice recorder. With BP-271 battery, SMA antenna, belt clip, strap and BC-167SA wall charger. 2.3 x 4.2 x 1.1 inches 9 oz.

List \$756.00

Order #0051

Please Call

✓FREE HT Go-Bag

This HT Go-Bag will be included free with your ID-51A purchase from Universal. A \$9.95 value!

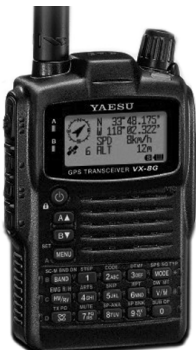


This insulated bag are great for creating an *Emergency Go Bag* for your HT. Also the perfect size for scanners and small shortwave portables. There is plenty of room for your radio, batteries, accessories, *Repeater Directory* and more. The top is zippered and it has a carry strap plus an open pocket on the front panel. 8 x 6 x 5 inches. Not made by Icom. This HT Go-Bag will be included free with your IC-51A purchase from Universal Radio through 06/30/13.

This carry case may also be purchased separately. **Icom Logo - Blue** Order #5832 \$9.95

YAESU

VX-8GR



The **Yaesu VX-8GR** HT provides 5 watts FM on 144/430 MHz. Receive is 108-999 MHz in NFM/FM modes. Unlike the VX-8R, this radio is not BlueTooth capable, does not have the SU-1 built in and is not submersible. It is however APRS capable (B band only) and even has a GPS built-in. DCS/CTCSS encode/decode is included. Supplied with 7.4V 1100 mAh Li-ion battery. This model is *not* compatible with all VX-8R accessories. Price shown is *after* \$50 Yaesu mail-in rebate valid to 06/30/13.

List \$540.00 Order #3008 \$329.95



FREE with any Yaesu HT!

This five function pocket knife with Yaesu logo features: a blade, nail file, scissors, toothpick and tweezers. Free with your Yaesu HT purchase to 09/30/13.



MFJ-722B



The **MFJ-722B** is a SSB/CW tunable 70dB notch audio filter. It has an eight pole active IC filter and uses cascaded low-Q stages. In the CW mode, four bandwidths are featured: 80, 110, 150 and 180 Hz. The center frequency is 450 Hz up to 15 dB. List price \$99.95. Regular price \$92.95.

MFJ-722B

Order #5801

\$79.77

The **Power-Werx USBbuddy** is a great idea. On the input side it features Powerpole® plugs. The output side is USB. Input voltage is 10-32 VDC and output to USB is 5VDC at up to 3 amps.

USBbuddy

Order #5975

\$19.95



UNIVERSAL BUYS RADIOS

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Visit us at **Dayton Hamvention** booths 506/507



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Reynoldsburg, OH 43068

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- ✓ Ask for our FREE 132 page catalog
- ◆ Prices & specs. subject to change.
- ◆ Prices shown are after mfg's coupons.
- ◆ Returns subject to a 15% restock fee.
- ◆ Prices and promos valid to 05/30/13

The Central Ohio Radio Club Newsletter

May 2013

President

Laura Perone
KA8IWB

Vice-Pres.

Phil Carter
WD8QWR

Secretary

Tony Fabro
N8RRB

Treasurer

Steve Robeano
WD8J KX

Newsletter

Editor

Joe Hahn
W8NBA

Membership

Chairman

John Perone
W8RXX

Repeaters

52.94/51.70
/53.70 – 52.70
W8RRJ

146.16 / .76
W8RXX

146.37 / .97
W8RRJ

147.93 / .33
W8NBA
IRLP Node
8094

444.200
449.200
W8RXX

Associated
Repeater

145.49 / 4.89
442.8/447.8
W8CMH

CORC Summer Meeting Planned

The *Central Ohio Radio Club* will hold its annual Summer Meeting and Potluck on Sunday June 9th at the Genoa Township Hall. It will start at 6 PM. Please bring a covered dish to share with a serving utensil. CORC will provide the drinks, plastic ware, cups, plates and many other surprises. The latest info on this will be on the CORC website at: www.corc.us. We will also have two NOAA Weather Radios and other door prizes to be given away. Don't miss this opportunity to meet many of the operators you have spoken with over the years.

Dee Wheeler W8GKN - SK

On a sad note one of CORC's founding fathers has passed. Dee Wheeler (W8GKN/SK), age 77, of Reynoldsburg, OH, passed away on December 26, 2012 following a brief illness. Dee was a member of both the Quarter Century Wireless Association (QCWA) and the Central Ohio Radio Club (CORC). Dee had a vast knowledge of electronics and communications and was always willing to share that knowledge and assist in any way he could. Dee received his first amateur radio license in 1951, retired from ODOT in two way communications. He was a CORC director from 1972 to 1981.

Columbus Hamfest – Saturday August 3, 2013

The Voice of Aladdin Radio Club is holding its annual Hamfest on Saturday, August 3rd. More information on the hamfest can be obtained at: www.columbushamfest.com. CRES-ARC is holding volunteer exams that day. Contact them at w8zpf.org for more testing information.

More Amateur Testing:

The **DELARA VE TEAM** will be offering **FREE** amateur radio exams in Delaware, Ohio at 10:00am on the following Saturdays: June 8, 2013 and Sept 14, 2013

Tests are administered at the Delaware County Emergency Operations Center, 10 Court Street, Delaware, Ohio, 43015

Inquires and pre-registration can be sent to the DELARA Testing Team at testing@k8es.org.

Membership Update

Many thanks to the following members who have donated time, talent, extra money or equipment to the club. This is in addition to their dues since the last newsletter printing. This little extra helps keep CORC financially sound.

KA8IWB	N8PVC	N8OIC	KA8RTI	KC8EVR
W8RRJ	W8NBA	WD8QWR	N8RRB	WA8KKN
KB8CIQ	WD8JKX	KC8ASF	W8RXX	N8XAV
KD8RTP	N8JYV	K8TW	K8SEO	W8MAP
KN8ITR	N8YKW	KD8EEK	KD8TBH	KD8MCS
W8WZZ	KC8YXA	KI8R	KA8CYA	

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.

KD8TLW - James	KD8TBH - Patrick	KD8TFR - Anthony
KC8OKB - John	KD8ODY - David	KD8TQH - Matthew
KC8YXA - John	KD8TFG - Gary	KD8MCS - Roger
KD8TQE - Rick	KF8SD - Terry	KD8TVB - Howard
KC8YED - Stephen	WA8TZY - John	W8PRG - Phil
KD8PMZ - Bruce	K8UJ - Geoff	KD8USJ - Mike
KD8UNT - Mark	KD8UTU - Susan	

Congratulations to the following winners at the February 24, 2013 Meeting

Lila	W8FEH's XYL won the 50/50 Drawing (AGAIN!)
AK4FL	Fred, won a Mc Donald's gift card
WD8QWR	Phil, won a Subway gift card
KA8EMJ	Gary, won a Steak and Shake gift card

K8NJ John, won the privilege to use the Club's ROCK BOUND rig till the next annual meeting. This year it came with the original service manual just in case...

WD8QWR Phil, won the Yaesu two meter mobile rig. The additional two tickets he purchased seemed to do the trick...

Ohio State EMA is looking for volunteers & Net time change

Effective March 5th, 2013...the Ohio EMA HF Net run by the Team W8SGT at the State of Ohio Emergency Operations Center moved their net time from 6PM to 7PM local time. Please make note of this change. As a reminder, this net is held every Tuesday first on 3875 kHz and about 20 minutes after the net starts, the net switches bands to 7240 kHz. All are welcome to check in. Check in and put your county on the map. For information on volunteering contact Wally, W8IYE at 614-448-6224.

CORC Presidential News

Spring is here and the hamfests are in full gear. I hope you are able to take in several this year. Now is a good time to inspect your antennas, feedlines and outside installations.

CORC has purchased a new controller to replace the 20 year old plus one on 146.97 repeater. We are also working on replacing antennas, feedlines, and link receivers at W8NBA's house for the 147.33 repeater. This will clean up the audio on 147.33.

Please remember to pause a moment before speaking when using all of the repeaters to allow the PL decoders to function. Otherwise your first few syllables are missed.

The next CORC potluck is Sunday, June 9, 2013. I hope you can make it so I can put a face with a call. It is always fun to have an eyeball with a contact you have made. Invite a non club member to attend as they are always welcomed. CORC will be giving away weather radios at the upcoming meeting as well as other surprises.

73,
Laura
KA8IWB

CORC Kroger Community Rewards

Here is way you can help the Central Ohio Radio Club stay financially sound without costing you any money...

CORC has registered with the Kroger Company to participate in their Community Rewards program. Kroger will send CORC checks based on what you spend at Kroger.

If you already have a Kroger Plus Shopper's Card here are simple instructions to register your Kroger Plus card. If you don't already have a card, pick one up at any Kroger store, (they are free) then follow these instructions to register.

1. Online go to krogercommunityrewards.com
2. At the upper right go to "Create an account" Do NOT go to "Sign in" until you have created your community rewards account even if you already have a Kroger Plus Shoppers Card.
3. Once your Community Rewards Account is set-up, you will be taken to "my account" page and toward the bottom right of the page select Community Rewards. If you re-log in to krogercommunityrewards.com, look for: *Kroger Community Rewards®*, *Do you already have an account? Click here to sign in.*
4. Search for Central Oh. Radio Club (Use THIS exact spelling in your search)
5. Select Central Oh. Radio Club, Inc. - #91723 as your selection
6. Save your selection
7. Check your Community Rewards account to be certain Central Oh. Radio Club is shown

CORC THANKS YOU FOR REGISTERING YOUR CARD!!!

Note: These benefits to the club are in addition to any of your personal rewards and do NOT take away from your fuel points or cost you any money!

Letters to Corky:

Dear Corky,

How come people say my brand new shiny Chinese \$52 handheld radio is barely readable on the repeater? I am able to hear all the repeaters just fine. I hear many stations on the repeaters that have nice strong clear signals. Am I holding the radio with the wrong hand or what? D.J., Reynoldsburg

Dear D.J.,

Contrary to popular belief handheld radios really don't care which hand you hold them in. They all do suffer from several issues. Here are a couple, the factory equipped rubber duck "attenuator", and having just a few watts or milliwatts of output power. Combine these two issues and unless you are within a mile or two of a repeater receiver your signal will be less than desirable. If there is a storm in the area this is even more of a problem. There is even more bad news... Use it in a vehicle, a stucco home, an aluminum sided home, or a metal roofed home... you should expect to use it for receiving only. There are some ways to overcome these issues. First use an external "real" antenna outside of your vehicle or home. The second is to get a small RF amplifier and boost your signal to 25-30 watts. If you really want to have a nice strong signal and overcome storm desense get a mobile radio with 30-50 watts of RF power. You won't have stations asking you to repeat yourself several times. Please understand handhelds have a value for listening and little talking...

Dear Corky,

This number thing I hear some people say when they are signing off the repeater, what is it & what does it mean? I hear some say seventy three's, some say seven three's, some even say seven thirds, and some just say seven three. Can I do the math and use other numbers like "210" for seventy three's or "21" for seven three's, etc.? N.N., Obetz

Dear N.N.,

The code 73 over the years in many telegraph manuals shows variations of its meaning. The Twentieth Century Manual of Railways and Commercial Telegraphy define it two ways, one listing as "my compliments to you". A later edition of the Dodge Manual gives us today's definition of "best regards". It is simply spoken "73". (Note 73 should NEVER be used in the plural form) Sound like a pro and speak it correctly. A more detailed explanation of its history is on our web page.

Dear Corky,

How do I get one of those cool "73" stickers I am seeing on the back of cars & boats? B.J., Hilliard

Dear B.J.,

It's easy, just attend any CORC function, be a member and ask for one! Every member gets one and additional are available for purchase. Extras are \$1.00 each or 3 for \$2.00.

If you have a question for Corky please email to: corky@corc.us

Quote for the day!

You see, wire telegraph is a kind of a very, very long cat. You pull his tail in New York and his head is meowing in Los Angeles. Do you understand this? And radio operates exactly the same way: you send signals here, they receive them there. The only difference is that there is no cat.

[Albert Einstein](#), when asked to describe radio - US (German-born) physicist (1879 - 1955)

Make sure to attend the June 9th potluck dinner & receive your free "73" CORC oval bumper / window / boat / etc. sticker... All current members receive one... Got yours yet? Additional ones are available for purchase by members...



Tech Net on Summer Break

The last CORC Tech Net of the season took place on April 21. The net is currently on summer break and will return on Sunday October 6th at 1930 on the 147.330 repeater (PL 123.0 Hz).

This past season featured a mixture of old and new topics ranging from go-kits to repeaters. A full list of topics discussed can be found on the CORC Tech Net web page at <http://www.corc.us/page8.html>.

Topics for future nets are always welcome and should be sent to technet@corc.us. Net topics do not need to be specifically about amateur radio but should be related in some way. If you are a subject matter expert (SME) in a particular area and would like to share your knowledge and talent let us know.

Thanks to everyone who checked-in or participated as the SME for this past season!

CORC Newsletter Archives

CORC is assembling all past club newsletters in a master archive. If you have newsletters prior to 1981 or between 1989 and 1992 and would like to donate them send an e-mail to Tony Fabro N8RRB at secretary@corc.us.

30 Years Ago in the CORC Newsletter (June 1983)

- CORC Board of Trustees voted to limit the number of times an autopatch can be “reset” (extended) to one time to avoid excessive repeater tie-ups
- The recent consumers electronics show at Las Vegas disclosed some real changes in personal computers. Announcements were made by Timex-Sinclair, Commodore, Atari and Mattel. This business is now very competitive and will be more so with additional lines announced by Apple, IBM and NCR.
- Battelle’s Amateur Radio Club W8CQK announced its hamfest on Saturday June 18, 1983 from 8:00 a.m. to 3:30 p.m. in the Battelle Auditorium parking lot. Admission is \$1.
-

25 Years Ago in the CORC Newsletter (January 1988)

- The 220 machine and the Digipeater are both off the air at this time due to intermod problems at the WBNS-TV site.
- Bob Adams, W8BKO, retired from the position of Emergency Coordinator for the central Ohio area. Bob has been an amateur since 1946 and held the position for the last 12 years, transforming COARES into a nationally recognized and well-respected emergency services organization.
- Russ Sievert, W8OZA, wrote a lengthy article on a continuously variable infinite gain antenna for 144 MHz and up which he describes as “radical new design for VHF antennas”.

CORC's Summer Splash

June 9, 2013 (Sunday)

6 PM (Eastern Daylight Time)

Genoa Township Hall (See Map)

Bring a Covered Dish (with Spoon)

CORC will Provide:

Soft Drinks / Water

Coffee / Tea

High Quality Plastic Ware

Cups and Plates

Friendly Faces

Two Weather Radios

and other Door Prizes given away!

Scheduled speakers:

KI8GW, Frank Piper, our ARRL section manager will be updating us...

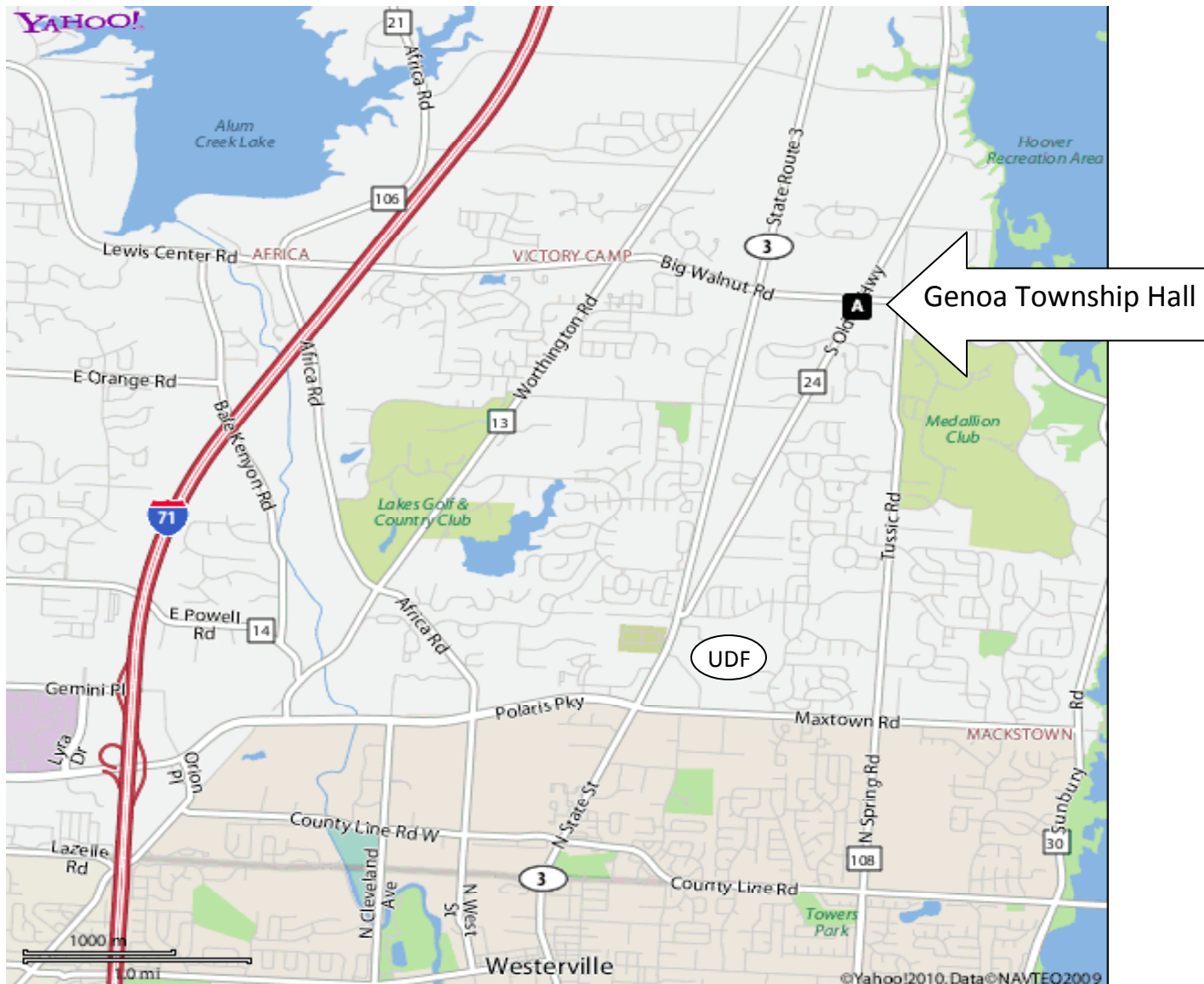
W8RRJ, John Hull, CORC founder will be demonstrating some original 76 controller equipment...

W8RXX, John Perone, CORC Technical coordinator will have a brief slide show of all the CORC sites...

Put this notice on your refrigerator as a reminder!

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.

Central Ohio Radio Club, Inc. (CORC)

Operating repeaters since 1970

Membership application

CORC operates repeaters with outputs of 52.70, 146.76, 146.97, 147.33 and 444.200

Some of the features include:

Autopatch access to Columbus area phones. IRLP linking on 147.33

Rapid access dialing to public service telephone numbers.

Repeaters 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 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.

***Please see dues
schedule for
amount to send***

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 place call sign on your check.

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

We Thank You for your Membership and Support!

Rev 5-13

CORC DUES 2013 SCHEDULE

THIS TABLE ADJUSTS BY QUARTER DUES OWED BASED ON MONTH YOU JOIN

Month you are Joining Or your expiration month	Selecting \$18 One Year Plan		Selecting \$32 Two Year Plan		Selecting \$45 Three Year Plan	
	Pay	To Expire on Dec 31	Pay	To Expire on Dec 31	Pay	To Expire on Dec 31
JAN FEB MAR	\$18.00	2013	\$32.00	2014	\$45.00	2015
APR MAY JUN	\$13.50		\$28.00		\$41.00	
JUL AUG SEP	\$9.00		\$24.00		\$37.00	
OCT NOV DEC	\$18.00	2014	\$32.00	2015	\$45.00	2016

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

Associate Membership is \$10.00 per calendar year regardless of application date.

All associate memberships expire December 31 of the year joining.

If you have difficulty understanding this chart please contact W8RXX... Thanks!

May-13