

# The Central Ohio Radio Club Newsletter

April 2009

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

Repeaters  
  
52.70 / 52.94  
W8RRJ

146.16 / .76  
W8RXX

146.37 / .97  
W8RRJ

147.93 / .33  
W8NBA

444.200  
449.200  
W8RXX

Associated  
Repeater

145.49 / 4.89  
442.8/447.8  
W8CMH

## CORC Annual Meeting Announced!

The 39<sup>th</sup> Annual Meeting of the Central Ohio Radio Club, Inc. will be held on Sunday, June 14, 2009 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 the soft drinks and coffee, paper plates and plastic ware. Please bring a covered dish and serving utensils. This year again we spared no expenses to convince you to attend. We are giving away a Two-Meter Mobile Rig (Model to be announced closer to the event, check .76 repeater for details) as in past years. Like previous radio raffles, any paid up MEMBER present, is automatically entitled to one ticket per family. Additional tickets can be purchased at the door for \$5. We are also voting on a revised Constitution and revealing important club changes at this meeting.

We are EXTREMELY privileged to have Bill Parker, W8DMR giving a presentation on SWR & antenna current and voltage relationships. Bill's many years of experience in amateur radio and electronics are difficult to top. His humor during his presentation is great. He is bringing an actual antenna you could build at home and explaining how it operates using a most ingenious (or should I say genius) approach. Don't miss this one!

Election of directors, whose terms are expiring, will take place as well as an overview of the last year's operations. Those directors are: W8NBA, Joe Hahn; K8NIO, William "Trigg" Tabor; W8RXX, John Perone and WD8QWR, Phil Carter. Volunteers for committee chairs will also be taken and appointed by the President.

Anyone wishing to nominate a member for a board position should contact WD8JKX, Steve Robeano, Chairman of the Nominating Committee, in writing, at least ten days prior to the meeting. Letters of Intent can be mailed to: Steve Robeano, 14124 Center Village Rd., Galena, OH 43021-8618 or can be e-mailed to Steve at: srobeano@embarqmail.com. Any member can nominate or be nominated for a board position. Be sure to have the nominee present a letter of consent with your nomination.

For your information, and according to the by-laws, printed below is Article V, 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 an election is held, the Board of Directors 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 and least ten (10) days prior to the meeting. A director's failure to attend two (2) consecutive meeting may result in declaration, by simple majority of the directors, the position vacant...

## CORC seeks 501c3 Status

As you may have read or heard elsewhere, CORC is in the process of seeking recognition as tax exempt under section 501(c)(3) of the US Internal Revenue Code.

The reasons are simple: 501(c)(3) status will allow individuals, corporations, and government entities to donate funds or equipment to CORC and take tax deductions where appropriate. 501(c)(3) status will also allow CORC to be eligible for and be the recipient of grants from federal, state and local entities. In receiving these donations or grants, CORC will not be required to pay tax on this income. Sorry but no, our dues are not donations and will remain non-deductible. However, donations in addition to your dues may be deductible depending on your tax situation.

In order to accomplish this, several Constitutional changes must be made. The Board of Directors established an ad hoc committee to re-write the Constitution. The committee agreed early on that the easiest and cleanest path was to overhaul the entire constitution and enact a new one instead writing out pages and pages of add/delete/change entries for you to read. This let us fix small problems and clarify definitions throughout the document. The board accepted the proposal and has put it on the ballot for the June 14 CORC Annual Meeting.

You will be asked to vote to repeal the current version of the Constitution (May '06) and enact the new version at the June 14 Annual meeting.

If you have Internet capability, you can view and/or download the current and proposed Articles of Incorporation and Constitution at [www.corc.us](http://www.corc.us) . This will save the club several hundred dollars in printing and mailing. If you don't have Internet access and don't know someone who can access them for you, please call me at (740) 965-2731. I will see that you get hard copy promptly at no cost to you.

Here are some major changes to look for:

1. We split the Constitution away from the Articles of Incorporation - Our current Constitution is really a hybrid of the two. Only the Incorporation Articles need to be filed with the Ohio Secretary of State and the US Internal Revenue Service. The new Incorporation Articles are essentially "boiler plate" specified by the IRS. They should be stable and unlikely to ever need changes. The balance (the new constitution) can and should evolve but will not need to be filed with the state or federal government. Hence, there are no fees and no legal work for re-filing every time we want to make a change.
2. Our Fiscal Year will be the calendar year – Our fiscal year is currently May 1 to April 30. It will become Jan 1 to Dec 31. This effects when your dues are payable. The effects are explained elsewhere in this newsletter.
3. Our official accounting method will change from a blend of Cash and Accrual to Cash as required by the IRS – This "change" will merely confirm a change I made when I took office as Treasurer in 2003.
4. Our already tight financial controls on the Treasurer and Membership Chair are better documented.
5. Definitions of the club's purpose have been clarified and explained to meet IRS requirements.
6. Rules the for use of "earnings" (all our expenditures) have been documented to meet IRS requirements.
7. Definitions of how CORC assets are disposed of when no longer needed and where they would go in the event the club ever disbands have been clarified and modified slightly to meet IRS requirements.

Once again, please don't hesitate to call me if you have any questions or concerns.

For the Board of Directors and the Constitutional Committee,

Steve Robeano, WD8JKX  
Board Member & Treasurer, Constitutional Committee Chairman  
wd8jkx@corc.us (740) 965-2731  
April 4, 2009

## ARE YOU PREPARED?

By Stew Banks, W8FEH  
Past Board Member and Life Member

Now that Katrina has occurred and we have all heard on national news some of the problems that THEY had. (No electric, No fuel, No water, No sewer, No FOOD) Locally we have had ICE storms and hurricane like winds. We can no longer say, IT CAN'T HAPPEN HERE. IT ALREADY HAS!!!

What can you do?

AMATEUR RADIO has for many, many years bragged how we are always there when disasters occur and for this we have been awarded frequencies, and the right and ability to communicate.

Let's consider a few points:

How long could you communicate? Using a handheld - a few hours at most.

BUT – what if you have replacements for your battery – (an alarm type battery), several hours, a deep cycle battery perhaps several days, a way to recharge those batteries indefinitely. The same principle applies to your mobile rig and home station. How far could you communicate? With a handheld, not very far, but with your mobile and home rig it should be much farther, especially if you have good antennas.

Now, looking at Katrina and the other situations mentioned above, what if all local repeaters were off also (NO POWER)? Boy, now we have a real problem since many of us only use VHF / UHF our range on simplex is drastically reduced unless we have adequate antennas. Let's see what we can do to increase the time we can communicate and the distance.

On National News we have heard over and over “We have NO COMMUNICATIONS”. We cannot communicate within our city, we can't call for HELP, and the telephones (including Cell phones) are OUT. What a wonderful thing it would be if these same officials were to say thanks to Amateur Radio we can communicate. The Superdome would be a wonderful place for a complete Amateur Radio Station even if a few Hams had to be airlifted in to operate it. They could communicate.

If a few Radio Clubs from outside the area set up Field Day type stations in the area, they could communicate. We might not hear the comments now made, “My family in Georgia, Ohio, North Carolina, etc. doesn't even know we are alive”.

HOW ABOUT HERE ?

## BUCKEYE D-STAR COLUMN

Introduction to D-STAR  
by WG8I, Chris Vojsak ©2009

Welcome to the new and exciting world of D-STAR !! I will be writing this column for the CORC Newsletter to give you some basic information about D-STAR.

The Buckeye D-STAR Net will be held on Sundays at 8:00 pm local time weekly. This net will meet either on the W8RXX 146.76 repeater for those of you with analog radios or scanners or the W8DIG 145.39 d-star repeater for those of you with D-STAR radios or DV dongles. Please listen to the W8RXX repeater for details. If you have questions, contact me by email at [buckeye.dstar@gmail.com](mailto:buckeye.dstar@gmail.com).

According to the Wikipedia (<http://en.wikipedia.org/wiki/D-STAR>): “**D-STAR (Digital Smart Technologies for Amateur Radio)** is a digital voice and data protocol specification developed as the result of research by the [Japan Amateur Radio League](#) to investigate digital technologies for [amateur radio](#). While there are other digital on-air technologies being used by amateurs that have come from other services, D-Star is one of the first on-air standards to be widely deployed and sold by a major radio manufacturer that is designed specifically for amateur service use.

D-Star compatible radios are available on [VHF](#) and [UHF](#) and microwave amateur radio bands. In addition to the over-the-air protocol, D-Star also provides specifications for network connectivity, enabling D-Star radios to be connected to the Internet or other networks and provisions for routing data streams of voice or packet data via amateur radio call signs. The first manufacturer to offer D-Star compatible radios is ICOM.”

The DV Dongle ([http://dvdongle.com/DV\\_Dongle/Home.html](http://dvdongle.com/DV_Dongle/Home.html)) allows the amateur radio operator to use his computer to connect to the D-STAR gateway – it also serves as a useful diagnostic tool when used in conjunction with a D-STAR radio. It connects to your PC or Apple Mac via a USB port and provides encoding and decoding of compressed audio. The DVTool application used with the DV Dongle may be installed and run on Microsoft Windows XP/Vista, Mac OS X Leopard, or many flavors of Linux.

“D-STAR For the Second Century of Amateur Radio” is written by ICOM and is a comprehensive yet straight forward introduction to D-STAR. Please go to: <http://www.icomamerica.com/en/downloads/default.aspx?Category=14> and look for “Technical Document – D-STAR Overview” and download this pdf file.

Thanks for reading my column. I'll have more for you in the next issue. I look forward to hearing you on the Buckeye D-STAR Net and on W8RXX/R !!

*Don't Forget the Annual Meeting on June 14<sup>th</sup> !! The Big Prize is a Yaesu 2 Meter Rig! Check the Front Page for more details and read the article on Constitutional Changes on Page two. A Fridge Flyer is included with this newsletter to remind you. This is a very important meeting in the life of the club and you don't want to miss it. Listen to the 146.76 for more details.*

*Dues are now due. With the new constitutional changes, and making our fiscal year January 1<sup>st</sup> to December 31<sup>st</sup>, please read the instructions on the back of the Membership Application that explains how this works. Thanks for your understanding and support!*

## Travelin' Tony's Timetables

By Tony Fabro N8RRB  
CORC Board Member and Secretary

CORC's 146.760 repeater is by far our most popular machine and probably averages six to eight hours of use per day. While this means it is free for at least two thirds of the day, it likely is being used at the most popular times of the day. If we charted the usage it likely would look similar to the back profile of a two hump camel, with the humps or peaks representing the morning rush hour, and the other the evening rush hour.

Those who use the repeater during rush hour do a good job at allowing people to jump in and participate in a round table type discussion. To join in, a ham should give their call sign between transmissions. This is good repeater protocol and ensures that no one is left out of the discussion. Never use the word "break" to break into a conversation unless it is an emergency.

Despite this, I occasionally hear people say how they can never get on the 146.760 repeater because it is "always busy". This might be a fair statement since they might only be on during rush hour, but my response would be, "Have you tried one of the other repeaters?"

In the last newsletter I wrote about the 147.330 repeater, CORC's "forgotten" machine. But don't forget that CORC also supports the 146.970 and 444.200 repeaters, and is affiliated with the 145.490 repeater. Unless you are on a handheld and outside Franklin County, chances are you can get into both 146.970 and 444.200. In fact, the 146.970 repeater and 146.760 have the same receiver profile except that .76 has a receiver in Logan County. The bottom line is that if you are within the Columbus area and can get into .76, then chances are you can also get into .97.

If .76 is busy but you want to make contact with someone who you think might be listening to .76, jump in between transmissions with your call sign. When acknowledged and it is your turn to speak, put a call out for the ham you want to talk to. If you make contact, suggest that you QSY or move to one of the other repeaters like .97 or .33. Chances are they will be open.

Central Ohio is blessed with a number of fine repeater systems. CORC supports a number of those repeater systems. Just like our HF frequencies, we should use all repeater resources available to us. Talk up ham radio! We have much to talk about.

Have a safe day.

### **25 years ago in the CORC Newsletter... April 1984**

*\* "The CORC system now has a UHF repeater. The receiver is currently located at Oakland Park Ave. and the transmitter is in the north end of Columbus... Give a call on 449.200/444.200 to check out the new machine..."*

*\* CORC Trustees up for renewal were W8RRJ, W8WTB, and W8LGL.*

*\* The 4<sup>th</sup> Annual Columbus Hamfest and Flea Market sponsored by Battelle Amateur Radio Club will be held on Sunday June 3, 1984 from 8 a.m. to 4 p.m. at the Franklin County Fairgrounds. Admission is \$3 at the door.*

## Membership Update

By John Perone, W8RXX  
Board Member and Membership Chairman

Many thanks to these CORC members who have donated time, talent, extra money or equipment to the club in addition to their dues since the last newsletter was printed.

N8OIC	Forrest Penwell	W8RRJ	John Hull
K8KDR	Matthew Gilbert	KD8JYP	Eric Johnson
KB8QPB	Richard Ferko	WD8JKX	Steve Robeano
KC8KDP	Christine Ferko	K8VKA	Ed Schleppe
N8RRB	Tony Fabro	WD8QWR	Phil Carter
KA8IWB	Laura Perone	KD8CZG	Gordon Lashley
W8RXX	John Perone	KD8IDJ	John Ross
KI0OQ	Marty Bartels	KB8UVN	Matt Mitchell
KC8NKB	Nancy Gilbert	W8NBA	Joe Hahn

We want to welcome the following "NEW MEMBERS" that have joined our club since the last newsletter was printed. Thank each and every one of you!

KD8JYP	Eric Johnson	KB8QPB	Richard Ferko
KC8KDP	Christine Ferko	W8WZZ	Jeremy Rex
KI0OQ	Marty Bartels	KI0DZ	Mary Francis Bartels
KC0EVK	Stephen Bartels	KD8DBI	Kyle Bartels
KD8DNL	Ryan Bartels	KD8BQI	Steve Edgington
KD8IDJ	John Ross		

Please welcome them when you hear them on the air.

### **IMPORTANT** news from the CORC membership committee:

CORC is becoming a 501(c)(3) non-profit organization. We have always been a not-for-profit organization, however non-profit status offers advantages for your club. This change allows donations we receive to be tax deductible to the giver. It will allow CORC to accept contributions from corporations and others. This change could be beneficial to you directly based on your tax situation. Part of this change does affect our fiscal year.

### **Here is where we NEED your understanding and assistance...**

To get all members on a calendar fiscal year (off of the old April schedule) we have come up with charts that hopefully everyone can understand on paying dues. There are two parts of this chart that is on the back of the membership application attached to this newsletter. Please fill out the application in its entirety so we can update all record and e-mail addresses and mail in with your payment. Make sure to add family members that are amateurs that live in your household. You can check your dues status from the label on the envelope your newsletter came in.

- 1) For **NEW** members joining in 2009: We have divided the year into quarters. Depending on which quarter you join please pay that amount and see which December year your membership

will expire. As you can see we still offer discounts for paying for two or three years at the same time, just as before.

- 2) For **Current** members renewing in 2009: We have again divided the year into quarters. Depending on which quarter your membership expires please pay the amount and see which December year your membership will expire. We are giving you credit for the fact your membership has already been paid for part of 2009 year. As you can see we still offer discounts for paying for two or three years just as before. For example a membership that expires in April would pay \$9.00 till December 31, 2009, \$24.00 till December 31, 2010, or \$37.50 till December 31, 2011. Again we still discount paying two or three years in advance. We will update this chart for 2010, 2011 & 2012 expiration dates at a later date.

Let me remind you CORC has **NOT RAISED** it's dues in over 25 years. It is still \$18.00 per year.

Thank you for continuing to support the oldest repeater organization in Central Ohio, CORC

We understand there may be some confusion on this so PLEASE contact the membership chairman with questions. John, W8RXX 740-548-7707 or jper@insight.rr.com

**Lock in your dues rate at this time, as we don't know what the future may bring.**

## News Tidbits...

### Congratulations to the 50-50 winner at the February 2009 Ground Hog Meeting event

KD8JYP, Eric - won the 50/50 Drawing and then was kind enough to return part of his winnings back to CORC. THANKS AGAIN Eric!

Technical FYI: The North receive site update at the WOSU-TV tower is complete. Both the 146.97 and 146.76 repeaters now hear better from that location.

*Due to lack of interest the first two attempts the MINI-SWAP MEET before the meeting has been CANCELLED. Perhaps if there is interest at a later date we can try it again.*

2 Meter Mobile give away...

CORC again this year at our annual meeting June 14th will be raffling off a New Yaesu 2 Meter Mobile radio. (Exact model to be announced closer to the event) All paid up CORC members (one per family) in attendance receive one FREE ticket. Non-member & extra tickets may be purchased for \$5.00 each at the meeting. You MUST be present to win. GOOD LUCK to all!

## Words From the President...

By Laura Perone, KA8IWB  
CORC President

June 14, 2009 is the date of the CORC Annual Meeting. Once again it will be a potluck at Genoa Township Hall. We will be giving away a new 2-meter Yaesu mobile radio. You must be present to win. The "Soon to be Famous" Rock Bound Rig will also be given to some lucky member for use during the next year. I hope Joe, N8DRZ has taken good care of it while in his custody.

Breaking news! CORC is seeking tax exempt status as a 501(c)(3) organization. This necessitates changes to our structure to accommodate federal tax codes. Please see the treasurer's detailed summary page of changes elsewhere in this newsletter.

One benefit to you with this change is your donations could soon be tax deductible. Another change is that the dues schedule will be converted to the calendar year, not the current April-to-April schedule. There is a dues payment schedule converted to the calendar year schedule for your use as well as the new membership form on another page.

Copies of the current constitution and the new articles of incorporation and constitution for your examination are available on the web at [www.corc.us](http://www.corc.us)

If you are unable to read them on web site, please contact Steve, WD8JKX at 740-965-2731, and he will mail you a hard copy. Steve, John Montgomery, N8PVC, John Perone, W8RXX, and myself worked hard on these documents. CORC will apply for this tax-exempt status following ratification of the new documents.

Our membership chairman John, W8RXX asks that you update your e-mail address you have listed with us as you renew your dues. He would also remind you to put this in your list of accepted e-mails. Any changes in your mailing address or phone number during the year should also be noted. This will help assure you receive your newsletters in a timely fashion.

I am looking forward to seeing you at the Annual meeting. There is always good food and it is great to get to visit with other members.

73,  
Laura

## Central Ohio Severe Weather Network

By John Montgomery, N8PVC  
Board Member and Weather Watch Liaison

A new weather season has begun..

What a difference a year makes. Remember last March and the record snowfall with central Ohio receiving as much as 20 inches of snow? By this time last year the United States had witnessed nearly 400 tornadoes with 19 of them causing 70 deaths. Contrast those numbers with about 150 tornadoes so far this year with 2 of them causing 9 deaths. There is no way to know for certain how the rest of this year will go.



By now most of the spring weather spotter training has concluded. Turnout in all of the counties served by the Columbus section were good. Franklin County training required 2 sessions. In the past the majority of those attending were amateur radio operators. This year I'd say it's a 60/40 split with amateurs holding the larger share. I've seen radio clubs do some recruiting immediately after some sessions.

As of this writing the Advanced Spotter Training session has not been held. It is scheduled for Saturday April 18, 2009 at the Franklin County Emergency Management and Homeland Security office. It promises to be a great session with in depth training on mesocyclone analysis, advanced spotter tips, and NEXRAD radar simulations. The radar simulations will allow those attending to take the driver's seat, so to speak, and see how warning decisions are made.

I hope everyone is prepared for severe weather this year whether you plan to be a spotter in the field or not. You need to have a safety plan for home, work, church or where ever you might be. Think about where your safe place is in your home and make sure it's ready for you to visit on short notice. Make sure that you have a commercial broadcast radio, a couple days of non-perishable food and water close by. Include a flashlight and some extra batteries as well.

The foundation of everyone's plan should be a NOAA Weather Radio. Weather radios can be found at the usual places and at some not so usual places like grocery stores. The prices are very reasonable and hover around \$25-\$35. Make sure you have one in the bedroom. Overnight is probably the riskiest time during severe weather when most are asleep but a weather radio will wake you up.

Stay alert and stay safe.

## The Last Word

Editorial By Joe Hahn W8NBA  
Newsletter Editor and Board Member

Wow has this been a HUGE newsletter. The biggest I can remember for a long time. Of course there is a lot going on in the club right now. I think it's great that CORC has decided to apply for a 501c3 status and want to thank the team led by Steve Robeano, WD8JKX. This will impact the club in many ways, many more than can be discussed here.

I have been fortunate enough to edit this newsletter for over 20 years now and have seen many changes. We now e-mail over 50%. Unfortunately, about 10% of those come back with bad addresses. PLEASE, since you have to fill out the membership application in full, make sure if you want the newsletter e-mailed to you, that you give us a valid, non-forwarded address. Make sure to add us to your white list to bypass the spam filters and insure you receive it. New newsletters are always at [www.corc.us](http://www.corc.us), so if the spam filter gets you, you can always get it there. The reason I mention this now is that for some, this will be the only newsletter mailed to them this year.

I am not enclosing a map to the general meeting this time for space constraints. I am also putting this newsletter in an envelope to insure you get it in its entirety. The US Post Office has been brutal lately on our newsletter so I am sorry if you receive a damaged one. I make sure they are taped up, but their automatic sorting machines find any loose edge and will rip the cover clean of the thing. If you receive a damaged newsletter, lets us know so we may replace it. And as always, thanks for supporting CORC.

# CORC 39th ANNUAL MEETING and Pot Luck

SUNDAY

June 14, 2009

6:00 PM

The Genoa Township Hall

CORC WILL PROVIDE

Soft Drinks

Coffee/Tea

Plastic Ware

Cups, Plates

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

Constitutional Revision Vote

Guest Speaker: Bill Parker, W8DMR

BIG RADIO GIVE-A-WAY

2-Meter Yasue Mobile Transceiver

Must be present to WIN, Extra Tickets \$5

# The Central Ohio Radio Club, Inc. (CORC)

CORC operates repeaters on 52.70, 146.76, 146.97, 147.33 and 444.200  
CORC affiliated repeaters are on 145.49 and 442.800

*Some of our features include:*

Autopatch access to Columbus, Delaware and West Licking County and Newark area.  
Rapid access dialing to public service or member telephone numbers.  
Repeaters used by the Weather Net in Central Ohio in support of The National Weather Service.  
PL used on all repeater outputs. Multiple receiver sites on in Franklin, Licking, Delaware 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.

We allow amateurs of your family at the same address a family membership at no charge.

Associate membership is available to interested parties that live outside the general coverage area of the repeaters.

Associate members have no voting privileges and receive an e-mail copy of the newsletter.

Please see other side for dues schedule

Dues enclosed \$ \_\_\_\_\_

Optional Donation \$ \_\_\_\_\_

Total \$ \_\_\_\_\_

## PLEASE PRINT

Please select 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 listed above are ARRL Members \_\_\_\_\_ Check to request Autodial for Home Phone

Check to Request Newsletter by e-mail

Make check payable to CORC. Please place call sign on check. Mail check and application to:

John Perone, W8RXX, Membership Chairman, 3477 Africa Rd., Galena, Ohio 43021

For More Information visit the CORC website at <http://www.corc.us>

John, W8RXX at 740-548-7707

**Thank You for your Membership and Support**

# NEW MEMBER DUES DURING 2009

USE THIS TABLE ONLY IF YOU ARE A NEW MEMBER JOINING IN CALENDAR YEAR 2009  
JOIN IN THE FIRST TWO MONTHS OF ANY CALENDAR QUARTER AND GET UP TO 3 MONTHS FREE !

Month You Join	2009 One Year Plan \$18		2009 Two Year Plan \$32		2009 Three Year Plan \$45	
	Cost	Expires Dec 31	Cost	Expires Dec 31	Cost	Expires Dec 31
JAN FEB MAR	<b>\$13.50</b>	<b>2009</b>	<b>\$28.00</b>	<b>2010</b>	<b>\$41.25</b>	<b>2011</b>
APR MAY JUN	<b>\$9.00</b>	<b>2009</b>	<b>\$24.00</b>	<b>2010</b>	<b>\$37.50</b>	<b>2011</b>
JUL AUG SEP	<b>\$22.50</b>	<b>2010</b>	<b>\$36.00</b>	<b>2011</b>	<b>\$48.75</b>	<b>2012</b>
OCT NOV DEC	<b>\$18.00</b>	<b>2010</b>	<b>\$32.00</b>	<b>2011</b>	<b>\$45.00</b>	<b>2012</b>

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

All associate memberships expire December 31 of the year joining

# CURRENT MEMBERS WHOSE DUES EXPIRE IN 2009

USE THIS TABLE ONLY IF YOU ARE A CURRENT MEMBER IN GOOD STANDING WHOSE DUES EXPIRE IN 2009  
THIS RATE TABLE ADJUSTS EXPIRATION MONTHS TO THE NEW CALENDAR YEAR (DECEMBER) PLAN

Month of Expiration	Selecting \$18 One Year Plan		Selecting \$32 Two Year Plan		Selecting \$45 Three Year Plan	
	Cost	Expires Dec 31	Cost	Expires Dec 31	Cost	Expires Dec 31
JAN FEB MAR	<b>\$13.50</b>	<b>2009</b>	<b>\$44.00</b>	<b>2011</b>	<b>\$56.25</b>	<b>2012</b>
APR MAY JUN	<b>\$9.00</b>		<b>\$40.00</b>		<b>\$52.50</b>	
JUL AUG SEP	<b>\$22.50</b>	<b>2010</b>	<b>\$36.00</b>		<b>\$48.75</b>	
OCT NOV DEC	<b>\$18.00</b>		<b>\$32.00</b>		<b>\$45.00</b>	