

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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ARRL Affiliated Club

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



THE CENTRAL Ohio Radio Club
May 2015 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

We Thank You for your Membership and Support!

Rev 1-15

The Central Ohio Radio Club Newsletter

May 2015

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KA8IWB

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WD8QWR

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N8RRB

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Newsletter
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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 President Announces Summer Meeting!

The next CORC potluck is Sunday, June 14, 2015 at 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 club will be giving away 3 Midland weather radios and other door prizes to lucky attendees as well as a 50/50 drawing.

Steve McVoy from the TV museum in Hilliard, Ohio will be our guest speaker for the evening. The latest info on this meeting and other important news will be on the CORC website at: www.corc.us on the top of the front page. Invite a non-club member to attend as they are always welcome. It is always fun to have an eyeball with a contact you have made.

CORC Sponsored Amateur ARRL VE Testing

Saturday, June 27, 2015, Saturday, July 25, 2015, Saturday, October 24, 2015

All three of these tests are at Universal Radio. Testing Begins at 9:30am sharp.

The ARRL testing fee is \$15.00

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.

CORC Presidential News

I would like to thank everyone that came to the Annual meeting. I believe everyone that comes enjoys the pot luck dinners. I hope you have come to one, if not I hope to meet you on June 14th.

Our guest speaker at the Feb 22nd pot luck and annual meeting was Fred Osterman, N8EKU, owner of Universal Radio. He spoke on his new book, "Shortwave Receivers Past & Present", software defined (SDR) radio receivers, and demonstrated the new FT-991 Yaesu all mode low band / VHF / UHF rig.

Our next guest speaker on June 14th is Steve McVoy from the TV museum in Hilliard, Ohio. His presentation will be on the history of television, with illustrations from the museum's collection. He is also including information on how hams participated in various stages of TV development. I have visited the museum and it is quite an interesting place. Again you don't want to miss this presentation. After seeing this presentation I would almost guarantee you will be heading to his museum.

Don't already have a weather radio with SAME technology? This meeting you may be the lucky winner of one as CORC is giving away 3 radios.

I also want to thank all who have joined the Kroger Community Rewards in the past. The program helps CORC keep our dues low. It IS NOW TIME to re-join again. Kroger requires this every year.

Summer is just about here and I hope you find some radio activities to enjoy. Here are a couple of dates you may want to put on your calendar. Field Day is June 27th & 28th. Locate one near you and join in the fun. August 1st is the Columbus Hamfest at the Aladdin Shrine.

Next newsletter I will be sure there is a complete list of current member's call signs and first names included.

I look forward to seeing everyone on Flag Day, June 14th!

73,

Laura, KA8IWB
CORC President

Membership Update

By John Perone, W8RXX
Membership Chairman

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

W8KKR	WB8RUW	K8SAR	KA8RTI	KD8UNT	KD8UTU
W8RRJ	W8NBA	WD8QWR	N8RRB	WX8U	WD8JTR
KB8CIQ	WD8JKX	W8RXX	KD8GUM	WA8KKN	KN8ITR
W8MAP	KD8RID	WA3UOO	W8INO	W3RAZ	N8PAI
N8LPX	KD8DSU	KD8SSD	K8TW	KE8ANW	KE8AQU

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

KD8VRW – RANDY
KD8ISB – TAMMERA
K8PB – PHIL
KD8RNQ – WILLIAM

W8KRR – PETE
KE8AQU – TYLER
KE8AJC – ANDY
KD8SYP – BOB

KA8CEQ – VOE
KE8AMK – GARY
KE8ANW – BRIAN
W8CFO – CHARLES

KB8VFA - DANIEL
W8MRH - DAVID
WD8JTR – TIM

CORC will be giving away 3 Weather Radios on June 14th at the Summer Potluck. Make sure to be there to get a chance to win one. Some of the features are:



Weather the storm

This slim, sleek and super advanced ETON weather alert radio will make sure you're safe and sound and in the know. Beacons flash and warnings blare to keep you aware.

Stay alert

With S.A.M.E. technology (specific area message encoding), just enter your S.A.M.E. county code and if there's a warning, watch or advisory you'll see it—with flashing red, orange or green lights—and hear about it, too. You can set up to 25 locations so you'll be safe, wherever you are.

Listen up

Stay in tune and up to date with this AM/FM weather alert digital radio with LCD display and alarm clock.

Get powered up

Simply plug in the ETON ZoneGuard using the AC adapter or, for emergency backup, pop in AA batteries.

FYI from Chuck, WA8KKN

The following URL will save you valuable time drilling down through the Dayton Hamvention web site for the Indoor vendor listings. http://www.pcboard.ca/hamvention2015/indoor_vendors.php The vendor tables are listed by groups, paid and unpaid.

The outdoor vendors are at: http://www.pcboard.ca/hamvention2015/outdoor_vendors.php

Travelin' Tony's Timetables

By: Anthony "Tony" Fabro N8RRB

Instead of focusing on one topic for the entire article, I will briefly touch a few topics of interest.

Tech Net Wraps Up

The last Tech Net of this season will take place on April 26th with a discussion about hamfests with emphasis on navigating the Dayton Hamvention. Feel free to check in and share with others your tips for working the expansive flea market area.

I would like to thank all of the subject matter experts who have generously given of their time this past season. Without them you would be stuck listening to me ramble on about nothing in particular! A big thanks as well to Rick WA3UOO for sharing net control duties with me and for offering up his technical expertise on several topics during the year. Thanks also to Chuck WA8KKN for supporting the net with ideas and for being our stand-by subject matter expert.

Finally, thanks to all of you who checked in or listened this past year. We do this net for you, so please let us know you are out there by checking in and by sending net topics or suggestions to technet@corc.us. The net will be back in October.

Spring Equipment Check

Speaking of the Tech Net, a month or so ago we conducted a net on spring projects around the ham shack. The net was largely directed at hams who have a station with an outside antenna or tower, however several general items were also discussed.

To that topic I offer an addendum – check your HT batteries! While doing one of my all-day train watching trips to Fostoria, OH, I discovered the hard way that a couple of my HT batteries no longer held a charge. I had charged them a few days before heading up, but by the end of the all-day event I had drained each one *just by listening to the radio*.

If it has been a while since you cycled your HT batteries, do yourself a favor and create a schedule to check the status of your batteries. You'll have peace of mind knowing that they'll be ready for whatever event you use them for.

Control Operator Program

Ham radio is largely a self-policing hobby. It is up to us to make sure that we play well together on the airwaves and follow the FCC Part 97 rules. To ensure we meet the standards set for us, control operators monitor the repeaters for illegal activities, as well as to offer assistance to those who may need it such as travelers passing through the area. If someone is transmitting in violation of the FCC rules, the control operator can take action such as temporarily shutting off the repeater to eliminate retransmission of the illegal activity which protects the repeater trustee's license.

If you are at least 18 years of age, have been a member of CORC for at least one year and are in good standing with the club and like to monitor the repeaters, contact me at controlop@corc.us and I will discuss additional details of the CORC Control Operator program. Your service to the hobby is always appreciated!



Crunchy Tuna

Another great recipe from the kitchen of Warren and Janet Hull

Combine 1 can (3 oz.) chow mein noodles, 1 can (10 1/2 oz.) cream of chicken soup, 1 can (7 oz.) tuna fish, drained and flaked, 1 can (3 or 4 oz.) sliced mushrooms, 1 cup finely chopped celery, 1/4 cup chopped onion, and 1/4 cup milk.

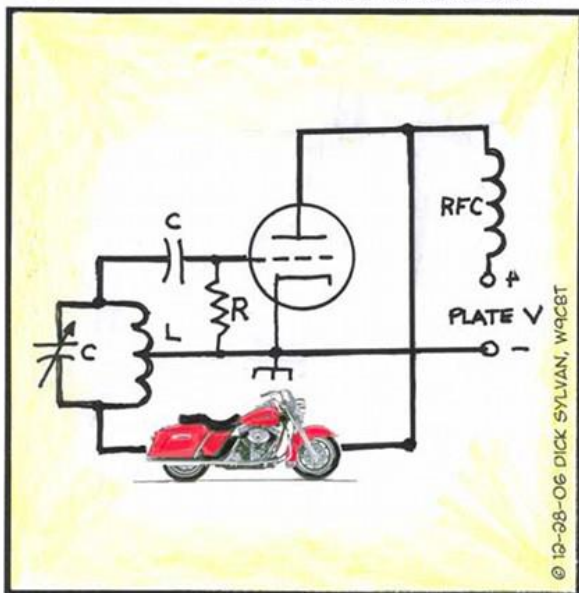
Turn mixture into 1 1/2 qt. casserole. Bake uncovered at 325 deg. for 40 minutes. Serves 4

Enjoy
Warren Hull
W8VET

30 years ago in the CORC Newsletter (April 1985)

- The CORC Annual Meeting was scheduled to take place on May 5, 1985 in Westerville. Trustees up for nomination were N8BHL, K8VKA, WB8SYK and WB8WKZ.
- The CORC Board of Trustees was soliciting input on what the CORC system should look like. Suggestions needed to be brought to the May 5th Annual Meeting or relayed to Marilyn W8WTB.
- In "The ATV Corner", Fred K8JGY answered several questions about Amateur Television (ATV) including what kind of equipment was needed and the protocol for establishing a contact.
- Univeral Radio published their used equipment list which included several pieces of Drake equipment: TR-6 6M for \$450, TR-5 for \$449, TR4-CW for \$350, R4A receiver for \$175 and 2R receiver for \$160.

HAM QUIPS BY DICK SYLVAN W9CBT



HARLEY OSCILLATOR CIRCUIT

HAM QUIPS DICK SYLVAN, W9CBT



Universal Radio - Since 1942.

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

YAESU FT-991



- Spectrum Scope
- High Speed IF DSP
- TCXO
- HF+6M Autotuner
- IF Shift & Notch
- TFT Color Touch-Display
- C4DM
- 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 autotuner covers 160-6 meters with 100 memories for quick tune times. With incredible 3.5" TFT color touch panel display. The built-in ± 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.

MFJ
MFJ-223



The **MFJ-223** color graphic vector impedance antenna analyzer is a wonder! This pocket-sized instrument provides truly accurate SWR, R, X and Z! It provides top notch accuracy and a vivid TFT multi-color display. You get data for SWR, resistance (R), reactance (X), and impedance magnitude (Z) delivered on a color-coded high-resolution bar-graph display or sharply defined swept-frequency plots. Get continuous DDS frequency coverage with 100-Hz resolution from 1-60 MHz and a full selection of tuning steps and sweeps. With 3.7V 1800mAh lithium-polymer battery is built in. Recharge via any USB port. Requires Micro USB to USB Charge Cable (not supplied).

2.75W x 3.5H x 1.4D" high-impact case, 5.1 oz.

Order #6223 \$279.95

KENWOOD TS-590SG



The **Kenwood TS-590SG** follows in the proud tradition of the TS-590S. New features include Morse decode and display, split function, selectable color display and enhanced autotuner.

List \$1964.00 Order #1590 Please Call

uniden

HOMEPATROL-II

The **Homepatrol II** has similar features to the famous Homepatrol I, but adds APCO 25 Phase 2 capability and is recharged via USB port.

List \$649.99 Order #6420

Please Call



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BCD996P2

NEW!

Bearcat



The **Uniden Bearcat BCD996P2** scanner has Trunk Tracker V™ technology offering APCO 25 Phase I and Phase II digital capability. It also offers Close Call™ RF Capture Technology, Dynamic Memory Management, Fire Tone-Out, and Multi-site programming as well as 25,000 channels and a frequency range of 25 MHz to 1.3 GHz (excluding cellular). Other enhancements include band scope function, Narrow band reception, Crows-Flight Navigation (with optional GPS), IF Exchange, backlit keys and display, NAC decoding, Key safe mode and channel alert (tones and backlight color). Included items: AC adapter, DC cord harness, mounting bracket, telescopic antenna, USB cable and manual.

List \$699.95 Order #4996 Please Call

Celebrate 70 years of Grundig radio quality with this very special offer ...

A FREE Grundig G2 Reporter with purchase of Grundig Satellit, Satellit 750 or Field!

G2
FREE



The sleek **Grundig G2 Reporter** receives AM, FM and SW 2.3-23 MHz with dual speakers, 243 memories, built-in MP3/WAV recording system. Was \$149.95 in our 2014 Catalog. USB charging source required. This radio will be included **FREE** with your purchase of the Field, Satellit or Satellit 750.

FIELD



The **FIELD** receives AM, FM and SW 1.7-30 MHz with 50 memories, bass, treble, FM stereo with RDS, wide/narrow BW, dual tune speeds and includes AC adapter. \$129.95

SATELLIT



The latest member of the 50 year **SATELLIT** tradition covers LW, AM, FM stereo, all SW plus the VHF air band. SSB, 700 alpha memories and includes AC adapter. \$199.95

SATELLIT 750



A proven favorite of serious listeners, the substantial **SATELLIT 750** covers LW, AM, FM all SW plus the VHF air band. SSB, 1000 memories, bass & treble, directional AM antenna and includes AC adapter. \$299.95 Shipping is \$9.95 on any model and includes G2.

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Call, email or write and tell us what you have to sell. We can provide a quote, subject to inspection.

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The new **2015 Universal Communications Catalog** is 132 pages and **free** on request.



universal radio inc.

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- ◆ Returns subject to a 15% restock fee.
- ◆ Prices and promos valid to 04/30/15

CORC's Summer Splash

June 14, 2015 (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
Three Weather Radios

Special Guest Speaker
Steve McVoy,
from the TV museum in Hilliard, Ohio

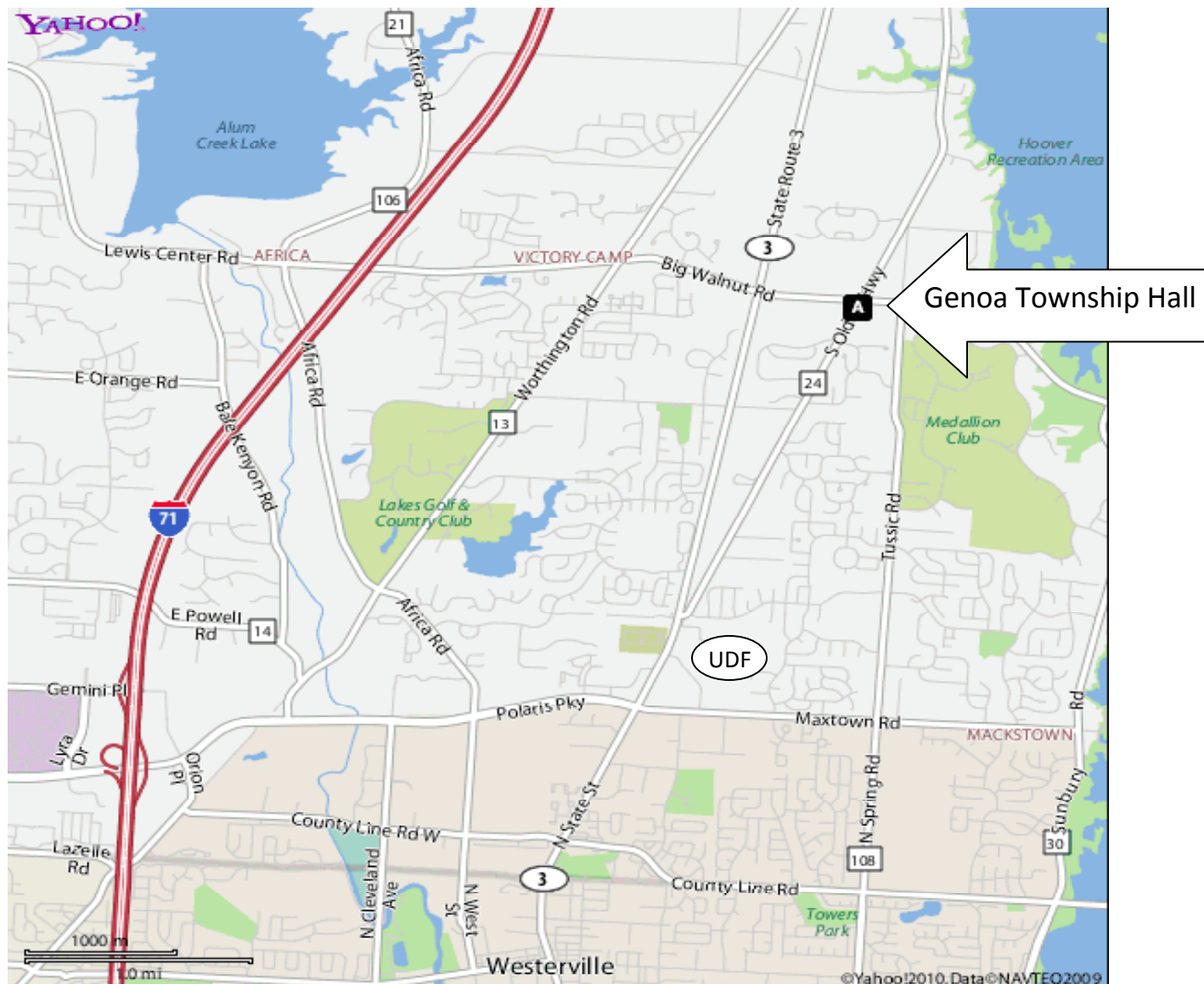
Check CORC website for updates!



**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.