

# THE CENTRAL OHIO RADIO CLUB, INC.

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ARRL Affiliated Club

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



THE CENTRAL OHIO RADIO CLUB  
SEPTEMBER 2014 NEWSLETTER



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

# Universal Radio - Quality equipment since 1942.

**samlexamerica**  
MSK-90



The **Samlex MSK-90** solar charging kit is portable easy to use! Just unfold, plug in and start charging. Capture the power of the sun without complicated installations, brackets or electrical diagrams. The 10 Amp controller is built into the back panel. Adjustable legs allow for easy directing. Each kit comes with a convenient insulated carrying case that also protects the panels when stored. This is an extremely well constructed, quality item includes: two 45 Watt solar panels, 10 amp charge controller on back panel, pair of Anderson connectors and battery clamps, 32 foot cable and insulated carrying case.

**MSK-90** Order #6340 **\$349.95**  
Showroom Pickup Price **\$299.42**

**WHISTLER** WS1065



The **Whistler WS1065** employs cutting edge technology to bring a high level of performance and innovative features. This model clearly raises the bar in the area of advanced trunking scanners. Frequency coverage is extensive including: 25-54, 108-17, 137-174, 216-512, 764-776, 795-805, 849-869, 896-960 and 1240-1300 MHz. The vast memory system can store 40744 objects in 20 dynamically allocated scan lists. The large backlit LCD is four lines by 16 characters. The keys are also backlit. Supported trunking systems include Motorola Analog, EDACS, LTR and Digital APCO. The weather alert function uses SAME technology. The spectrum sweeper function seeks out nearby RF sources. The multicolor ALERT-LED provides a visual indication of activity on selected channels or talkgroups. The Global Menu feature allows you to tweak operational parameters. Includes telescopic BNC antenna, AC adapter, USB PC cable, CD and DC power cable.

List \$599.95 Order #1065 **\$399.95**

## ✓ **FREE** Radio Go-Bag



**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 **CALL**

**ICOM** *New!*  
ID-51A  
**50<sup>th</sup> Anniversary Edition**

The **Icom ID-51A 50<sup>th</sup> Anniversary Edition** has all the normal ID-51A features **plus**:

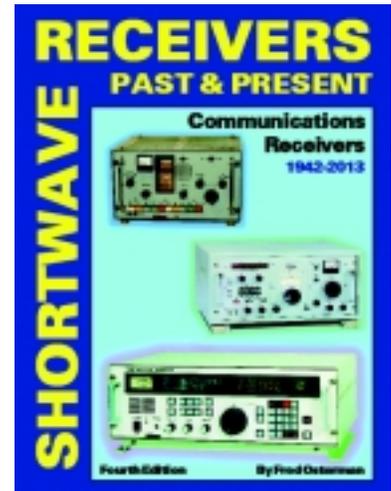
- Faster Data transfer in DV mode
- RS-MS1A Android™ Application (optional OPC-2350LU cable required)
- Longer supplied antenna
- Additional Dplus reflector link commands
- DV and FM repeater search functions
- Enhanced D-PRS functions

This limited edition series is available in five colors. Stop in or visit our website for full details!

## UNIVERSAL BUYS RADIOS

Call, email or write and tell us what you have to sell. We can provide a quote, subject to inspection. Turn your excess equipment into cash.

## Shortwave Receivers Past & Present Communications Receivers 1942-2013



This huge 800 page hard bound Fourth Edition includes over 1700 shortwave and amateur communications receivers (plus 1200 variants) made from 1942 to 2013. Here is everything you need to know as a radio collector or informed receiver buyer. Information includes: receiver type, date sold, photograph, size & weight, features, reviews, specifications, values (most), variants, rating and availability. 360 worldwide manufacturers with 1800 photos. Become an instant receiver expert!

Only **\$49.95** Expected in stock 09-15-14

## RADIO GO-BAG



This insulated bag is great for creating an *Emergency Go Bag* for your radio. It is the perfect size for HTs, scanners and small shortwave portables. There is plenty of room for your radio, batteries, accessories, directories and more. Zippered top and front pocket with strap. 8 x 6 x 5 inches. Not made by Icom. This Go-Bag will be included **FREE** with your Icom IC-R6, IC-R20 *Sport*, or new Icom amateur HT purchase through 12/31/14. We have a similar Yaesu and Kenwood Go-Bags that will be included **FREE** with your Yaesu or Kenwood HT purchase.



**Showroom Hours**  
Mon.-Fri. 10:00 - 5:30  
Saturday 10:00 - 3:00

**universal  
radio inc.**

**Universal Radio, Inc.**  
6830 Americana Pkwy.  
Reynoldsburg, OH 43068

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- ◆ Prices shown are after mfg's coupons.
- ◆ Returns subject to a 15% restock fee.
- ◆ Prices and promos valid to 10/31/14

# The Central Ohio Radio Club Newsletter

September 2014

President

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KA8IWB

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WD8QWR

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N8RRB

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WD8JKX

Newsletter

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W8NBA

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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 Fall Meeting

The Central Ohio Radio Club is announcing its Fall Pot Luck Meeting on September 21, 2014. It will be held, as usual, at the Genoa Township Hall at 6PM.

I'm sure we will have plenty of good food to enjoy. Please bring a covered dish or dessert to share as well as serving utensils. CORC will provide drinks and plastic tableware. Look for the fridge flyer later in this newsletter for more information and directions. The latest info on this will be on the CORC website at: [www.corc.us](http://www.corc.us). Don't miss this fun event. Hope to see you there!

## CORC Presidential News

I attended the ARRL 100<sup>th</sup> anniversary convention in Connecticut this summer. Seeing the ARRL headquarters and W1AW then actually getting to operate W100AW was a treat. Come to the September meeting and see a little of what I experienced.

Another reason you will not want to miss the September meeting... Bill Parker, W8DMR will be giving a humor filled, fast paced presentation on the magic LED's use to radiate light. I understand he may have another surprise or two up his sleeve.

I want to thank Joe / W8NBA, Chuck / WA8KKN, Tony / N8RRB, and especially Bob / KD8TIZ for all their work on 147.33. They replaced all UHF link feedlines at W8NBA's control QTH. They also replaced the omni-directional dual-band antenna that was damaged by lightning some time ago. The links are much quieter now! Next on the list are the link receivers soon, which will make the audio much nicer and then a new controller early 2015. John / W8RXX noticed the 147.33 transmitter needed a little TLC so Joe / W8NBA, Toni / KC8ASF, and Phil / WD8QWR worked their magic on it. It is now running at full power.

Marshall McPeck from TV-6 & 28 meteorologist was our guest speaker in June. Those of you unable to attend his presentation missed a very informative and humorous speaker.

73,  
Laura, KA8IWB  
CORC President

# 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.

KB8YBW	N8VJH	N8XYZ	KC8IUC	KD8MGR
W8RRJ	W8NBA	WD8QWR	N8RRB	WA8KKN
KB8CIQ	WD8JKX	W8RXX	KD8FVV	KA8IWB

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.

KK4QAH - Thomas	W1YAU - Reuben	KD8YDZ - Robert
KB8YBW - Peter	KD8FVV - Beau	WA8RM - Bob
KD8MGR - Brent	KD8YFW - Terry	KC8IUC - Bob

Congratulations to the following winners at our June Meeting

50/50 Drawing - Gene, KD8QFO	CORC Repeaterism's CD - Bob, KD8TIZ
Steak & Shake Card - Art, N8GCT	Midland Weather Radios - David, KD8ODY & Don, N8DLA

## CORC Sponsored Amateur ARRL VE Testing

Sunday, September 21st - 1:30 PM at Genoa township Hall

Saturday, October 25<sup>th</sup> - 9:30 AM at Universal Radio

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.

# Kroger Community Rewards

Once again it is time where we need to sign up for Kroger Community Rewards to earn FREE money for CORC. So far this year we have earned \$106.00 between 5-1 and 7-31 thanks to your participation in the program.

Imagine how much more FREE money could come our way if we had even more people sign up.

Income from this helps keep your dues from increasing.

**PLEASE NOTE: THIS PROGRAM DOES NOT TAKE AWAY FROM YOUR FUEL POINTS!**

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. Log onto  
[www.krogercommunityrewards.com](http://www.krogercommunityrewards.com)
2. Follow the instructions to apply
3. Select Central Oh. Radio Club, Inc. - #91723 as your selection
4. Check Community Rewards to be certain Central Oh. Radio Club is shown

If you have any questions, or have trouble setting up your account please email [KRC16@kroger.com](mailto:KRC16@kroger.com)

Thank you for helping CORC earn FREE money by simply shopping at Kroger!!

## Tech Net to Start October 12<sup>th</sup>

The CORC Tech Net will start on October 12<sup>th</sup> at 7:30 p.m. on the 147.330+ repeater (PL 123.0 Hz). Announcements will be placed on the repeaters and the CORC Yahoo group listing the topic.

The goal of the Tech Net is to take a topic related to amateur radio and discuss it in depth. Past topics included repeater operation, antennas and feedline, battery safety and digital HF operations. Computers

are a big part of amateur radio and so topics about computers have also been discussed.

The Tech Net is always looking for ideas for future nets, and operators who have an expertise in an amateur radio related topic to be the subject matter expert (SME) for the net. Send an e-mail to [technet@corc.us](mailto:technet@corc.us) if you have an idea or are interested in being the SME for a future net.

### FOR SALE

#### Complete Drake Station

**R-4B RECEIVER, T-4XC TRANSMITTER, AC-4 POWER SUPPLY, MS-4 SPEAKER, SHURE 450 DESK MIC, MANUALS, EXTRA CRYSTALS, INTERCONNECTING CABLES, NEW SPARE FINALS, RADIOS & CHASSIS ARE VERY CLEAN. STATION IS ON THE AIR AND OPERATES PERFECTLY. \$900**

Contact John, W8RXX 614-579-0522 or [w8rxx@arrl.net](mailto:w8rxx@arrl.net)

# New Procedures for Renewing Your Call Letter License Plates

On or about August 1, 2014 the Ohio Bureau of Motor Vehicles (BMV) changed the renewal process for amateur radio call letter license plates.

The Ohio BMV now requires each applicant to submit a copy of their unexpired FCC amateur radio authorization.

1. Mail renewals will require the applicant to provide a copy of their authorization with

the application along with their check or credit card information.

2. In person renewal at a Deputy Registrar must now provide a copy of their FCC authorization.
3. Web renewal is not possible. The applicant must process the application at the Deputy Registrar

## 220 Area Code to Overlay the 740 Area Code

The 740 Area Code will have an overlay Area Code 220 starting next year. This means that there will be two area codes where there is now one.

The new Area code 220 will start March 21, 2015. This means that ALL landline phone calls originating in the 740 or 220 Area Codes will require 1+10 digits.

Wireless calls will not require the "1+". Presently, wireless calls only require 10 digit dialing. Nothing will change for them.

From 740 & 220 landline phones, 1+ 10 digit permissive dialing will start September 20, 2014.. The end of 7 digit permissive dialing will be March 21, 2015.

**This means on March 21, 2015, 1+10 digits must be used for ALL CALLS for the current 740 Area Code landline**

**subscribers as well as the new 220 Area Code landline subscribers.**

For example, in Delaware, OH, dialing your neighbor across the street will require 1+740-369-NNNN. If the same customer wants to dial a Newark, OH subscriber, they dial 1+740-522-NNNN

Dialing "1+" does not necessarily mean the call is a toll call.

Please check your local dialing plans concerning local calls and toll calls. Remember, nothing changes concerning Local and Toll calls.

There are no dialing changes for the landline subscribers originating calls in the Area Codes of 614 or 937.

None of the CORC repeater Autopatch dialing procedures are being changed.

# The Second R in ARRL: Relay

By C. Matthew Curtin, KD8TTE/ORS

“When all else fails” is a phrase we often hear in amateur radio. We justify our use of the airwaves by saying that we provide a public service. We rightly point out that amateur radio works when mobile phones and landlines won’t. And yet the question remains, in a disaster like an EF-4 tornado ripping through the middle of Franklin County, what will *you* do? Do you answer vaguely that you can use your radio “to provide emergency communications?” Do you know how to originate, relay, and deliver messages to and from the affected public? You can learn!

The American Radio Relay League (ARRL) has been the voice of amateur radio for 100 years. Among its original missions was the organization of a system to get messages from one part of the country to the other. The radiogram was born: a message in written form with a sender and recipient identified that could be transmitted via amateur radio to a “relay station,” an operator that records the message exactly as transmitted and in turn sends it on to another relay station until the message finally arrives at its destination.

Today, the National Traffic System (NTS) is the system by which amateur radio operators move radiograms across the country in fulfillment of Hiram Percy Maxim’s vision. The Central Ohio Traffic Net (COTN) is a part of the Ohio Section of NTS, and is the means by which the Columbus metropolitan and surrounding areas are serviced by NTS. CORC provides a valuable resource for COTN in the form of airtime on the 146.97 repeater and backup on 146.76 and 147.33 repeaters. Thank you for your support!

COTN is always looking for radio operators who want to learn and to maintain sharp skills in handling third-party traffic (messages) and managing directed nets. Although the large-scale tests like the SET are held only a few times per year, COTN meets daily, at 7:15 P.M., in addition to special events. In those daily nets we move third-party traffic, in the form of ARRL business (like station activity reports and public service honor roll reports), license renewal reminders, and birthday greetings. Handling of this traffic ensures that we are a group of operators not only willing but capable of getting the message right and getting it where it needs to go.

Whether you envision yourself in your comfortable shack, relaying messages in and out of an affected area, part of an Amateur Radio Emergency Service (ARES) deployment, or as a member of a Community Emergency Response Team (CERT), you provide greater value to the agency or public you serve when you are an effective traffic handler.

Our web site at [www.cotn.us](http://www.cotn.us) provides background on NTS, COTN, training tips, and news. We invite you to join us on the air and in person to become an effective traffic handler. When asked what you do when all else fails, you can answer precisely. You can be trained and experienced in running directed nets. You can point to specific public service in the form of originating, relaying, and delivering the kind of third-party traffic that helps to establish a sense of normalcy for your community when disaster strikes.

## Janet Hull's Zucchini Bread Recipe

3 eggs  
1 cup vegetable oil  
2 cups granulated sugar  
2 cups grated peeled zucchini  
2 teaspoons vanilla ( I changed this to 2)  
3 cups all purpose flour  
1 tsp baking soda  
1/4 tsp baking powder  
1 tsp salt  
2 Tbsps Cinnamon ( I changed this to 2 and even add more)  
1 cup chopped nuts ( Walnuts or pecans)  
Fresh or dried fruit- however much you want to add

Preheat oven to 350 degrees. Grease 2 9 x 5 x 3 inch loaf pans

Beat eggs until light and foamy with mixer. Add oil and sugar and mix well by hand. Add Zucchini and vanilla. Sift dry ingredients together and add to the batter. Mix well. Stir in nuts and fruit ( I add fresh blueberries)

Pour into greased pans. Bake up to 1 hour and test for doneness.

Cool 10 minutes in pans on a cooling rack. Remove from the pans and finish cooling on the cooling rack. I wrap in foil and refrigerate or they freeze very well.

Enjoy!

## The Last Word!

I'm trying something a little different this newsletter. Using columns where it seems to work and changed the font to something I think is a little more readable. I am very happy to have a few more contributors for this issue and hope others will want to write something in the future.

We announced the Pot Luck that will be held in just a few weeks. Hopefully most of you can come and enjoy Bill Parker's presentation. I'm sure it will be great!

And finally, you may have seen this picture of our last speaker, Marshall McPeck on his newscast the Tuesday after our meeting. For those that didn't I am including it here so you may see it. As you can see we had quite a crowd. You can see more pictures from that event at the web site at: [www.corc.us](http://www.corc.us) and click on the link on the top banner.

Well that's it for this time. Start thing up thing for the next newsletter and writing them down. We want articles that are ham and/or technology related. You can send them to the address on the mailing page. 73, Joe W8NBA



# 20th Annual Welcome Fall Festival

September 21, 2014 ( Sunday )

6 PM EDT ( Eastern Daylight Time)

Genoa Township Hall ( See Map )

Bring a Covered Dish ( with Spoon )

## **Bill Parker, W8DMR,**

will be giving a humor filled, fast paced presentation on the magic LED's use to radiate light. We understand he may have another surprise up his sleeve.  
Don't Miss this one!

## **CORC will Provide:**

Soft Drinks

Coffee/Tea

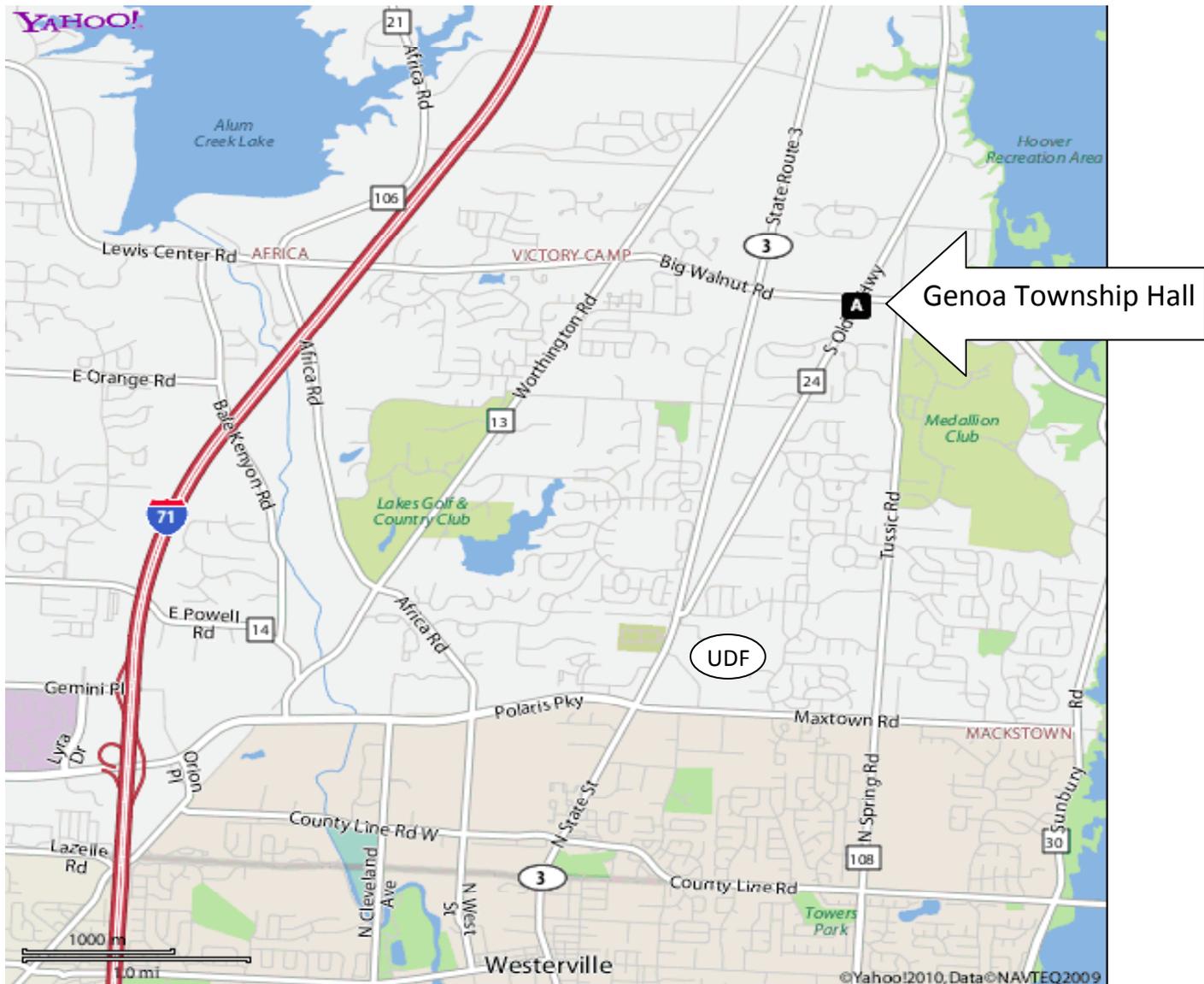
High Quality Plastic Ware

Cups and Plates

Friendly Faces

**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.