

# THE CENTRAL Ohio Radio Club, Inc.

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THE CENTRAL Ohio Radio Club  
SEPTEMBER 2012 Newsletter



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

# Universal Radio - Quality equipment since 1942.



**ALINCO**  
**DJ-G29T**

- Alpha Display
- CTCSS Enc/Dec
- Twin Dials
- 500 Memories
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- Spectrum Display
- Crossband Repeat
- 222/902 MHz TX/RX

The ground breaking **Alinco DJ-G29T** dual-band transceiver gives you operation on the 222 and 902 MHz amateur bands. Power output is up to: 5 watts on 222 MHz and 2.5 watt on 912 MHz. Refinements include: twin user-assignable controls, spectrum display, backlit display an key pad, die-cast chassis, internal VOX and external 13.8 VDC jack. This DJ-G29T comes with the EDC-173T charger, EBP-73 7.4V 1200 mAh Lithium-ion battery, flexible SMA antenna and belt clip. List \$379.95 Order #5529 Please Call



The **IC-7100** covers 160-6 meters, 2 meters and even 440 MHz. It features DSP at the IF level is the cornerstone of this impressive new multi-bander. RF power is HF 100 watts, 50 MHz 100 watts, 144 MHz 50 watts and 430 MHz 35 watts. Extended receive provides coverage from 30 kHz to 199.999 MHz and 400-470 MHz. Enjoy  $\pm 0.5$  ppm frequency stability, touchscreen interface, SWR graphic display, Notch, D-Star DV mode and 505 memories. Requires 13.8 VDC at 22 amps. Order #3071 Price T.B.A.

This device has not been approved by the F.C.C. This device may not be offered for sale or lease or be sold or leased until approval of the F.C.C. has been obtained.



**PS30SWIV**



The **QJE PS30SWIV** switching power supply provides 13.8 VDC at

20 amps continuous, 30 amps surge. The output voltage may be selected fixed at 13.8 VDC or adjustable from 9 to 15 VDC. Red and black (30A) terminals on are the rear panel. Low amperage tip jacks on the front panel. The LCD digital panel meter *simultaneously* displays voltage and current. There is a Noise Off-Set control that can be adjusted to eliminate pulse noise from the power supply. Ripple is less than 100mV p-p at load. Input 110/220 VAC. 6.1 x 2.8 x 8.1" 3.3 pounds. List \$129.95 Order #5851 **\$109.95**  
Stop in for our "showroom only" special price.

## PS30SWIII



The **QJE PS30-SWIII** switching power supply provides 13.8 VDC at 20 amps continuous, 30 amps surge. The output voltage is adjustable from 9 to 15 VDC. Red and black terminals are on the rear panel (30A). The backlit panel meter may be selected to display voltage or current. There is a Noise Off-Set control that can be adjusted to eliminate pulse noise from the power supply. Ripple is less than 80mV p-p at load. Input is 110 VAC. 6.1 x 2.8 x 8.1" 3.3 lbs. List \$119.95 Order #5587 **\$99.95**



**ProSet 3**



The **Heil ProSet 3** headphones have an extended frequency response of 10 Hz to 22 kHz for exceptional clear and balanced sound reproduction. And it provides outside noise reduction. The ergonomic design has a soft, adjustable cushioned headband and you get padded, replaceable ear cushions. The convenient folding construction allows for compact transport and storage. It has three twist-lock detachable cables terminating to 1/8" (3.5 mm) plug. A gold-plated stereo, screw-on 1/4" adapter is included. **PS3** Order #5893 **\$108.95**

## UNIVERSAL BUYS RADIOS

Call, email or write and tell us what you have to sell.



**ICOM**  
**ID-31A**

- D-STAR built-in
- GPS built-in
- 1252 Memories
- External DC Jack
- 420-450 MHz
- 5/2.5/0.5/0.1 Watts
- Micro SD Slot
- Encode/Decode
- IPX7 Standard

The **Icom ID-31A** lets you operate in the D-STAR mode from a very compact handheld! This 440 MHz HT also supports conventional FM comms. The transmit range is 420 to 450 MHz and the receive range is 400 to 479 MHz in FM, FM-N and DV modes. It is IPX7 waterproof and features a built-in GPS! It has a huge 1252 alphanumeric memory system featuring, 500 Regular, 700 D-STAR Repeater Memories, 50 Scan Edges and 2 Call Channels. 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. Four RF levels: 5, 2.5, 0.5, 0.1 watts. The ID-31A comes with the BP-271 battery, FAS270C SMA flexible antenna, MB-127 belt clip and BC-167 wall charger. It also includes the CS-31 cloning software (requires OPC-2218LU cable). List \$469.00 Order #2031 Please Call



**ICOM**  
**ID-51A**

- GPS Receiver
- 1304 Memories
- Auto Position Reply
- Voice Memory
- 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 & 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 channel alphanumeric memory system. 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. Includes BP-271 battery, SMA flexible antenna, belt clip, strap and BC-167SA wall charger. 2.3 x 4.2 x 1.1" 9 oz. Expected late 2012. Order #3051 Price T.B.A.

This device has not been approved by the F.C.C. This device may not be offered for sale or lease or be sold or leased until approval of the F.C.C. has been obtained.



**universal radio inc.**

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

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→ 614 866-2339 FAX Line  
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- ◆ Prices shown are after mfg's coupons.
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- ◆ Prices and promos valid to 09/30/12

# The Central Ohio Radio Club Newsletter

September 2012

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KA8IWB

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Repeaters

52.70-53.94  
/ 52.94  
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 Announces Fall Meeting

The Central Ohio Radio Club is announcing its Fall Pot Luck Meeting on October 7, 2011. It will be held at the Genoa Township Hall at 6PM. Our speaker for the evening is Matt, KB8UVN and will be speaking on Packet Radio. Many things have changed over the last few years. Plan on attending and get all the updates.

As usual, 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

Summer is almost over. Now that it is cooler it's time to finish those antenna projects.

Please remember to key the mic and wait a second and then give your call. The new multiple receivers, link transmitters, link receivers and decoders take a second to lock up. Without this wait time other listeners, the weather net, etc. are missing out on the first portion of your transmission.

I want to thank everyone who came out to the Columbus Hamfest in August. We want to encourage them to keep it going. The ARRL presence made it a good success.

I enjoy hearing amateurs on the air talking about the CORC webpage. ([www.corc.us](http://www.corc.us)) New information is available there about the club and our equipment locations. Please check it out if you have not been there lately.

The next CORC potluck is Sunday, October 7th. 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.

73,  
Laura  
KA8IWB

## Membership Update

**Thanks to the following CORC members who have donated time, talent, extra money or equipment to the club in addition to their dues since the last newsletter printing.**

KD8SLP	N8VJH	N8XYZ	KB8KPJ	N8PCJ	N8ESP
KA8IWB	W8RRJ	W8NBA	WD8QWR	N8RRB	WA8KKN
KB8CIQ	WD8JKX	KC8ASF	W8RXX		

**We want to welcome the following who have joined CORC since the last newsletter was printed. Please welcome and thank them when you hear them on the air.**

WB8LAP John	KD8SGZ Tim	KD8SOD Andy	N4GKR Art
KD8SLP Nancy	KD8SSE Frank	N8ESP John	KD8SDD Lew
KD8QKY William	KD8CKV Alex	KD8ANM Adam	KB8KPJ James
KB8DEX Charles	N8WXE Joe		

### **Congratulations to the following winners at the June 24, 2012 Meeting**

NE1LL	Bill, won the 50/50 Drawing & donated it back to CORC – THANKS!
KD8ODY	Dave, won a gas card
WA8KKN	Chuck, won a gas card

### **Another 6 meter receiver**

The W8RRJ 52.70 repeater has another receiver in test mode. It is on 51.70 Mhz. The location is in the Plain City area thanks to W8RW. With this addition there are now 3 receivers on 6 meters. 52.94, 53.70 & the latest 51.70. No PL is required on any of the receivers. There is 123.0 hz. PL on the 52.70 output to assist your mobile operation, keeping the noise out of your receiver if you are running PL decode.

### **We hear it quite often ... The “Yaesu “WIRES” Problem...**

The Yaesu WIRES feature included on radios and HT's enables them to transmit either a preset tone when the PTT is pressed, or a series of preset DTMF tones during transmission. This creates a problem with repeaters which are not compatible with WIRES. (MOST ARE NOT) It results in silencing the first several seconds of the transmission and sending a touch tone cover tone over the repeater. FYI... 96% of the WIRES repeaters are in Japan, 2% in California, 2% in the rest of the world.

### **A Solution:**

Some Yaesu radios provide the option to turn OFF the WIRES feature. For those that don't, simply changing the radio configuration to send “DTMF tones” instead of the WIRES tone and leaving the DTMF memory blank can avoid the WIRES problem. No tones, no problem! Please help spread the word to others that are unaware.

## New User Tips for VHF-UHF Operation

by Dave Schultheis WB6KHP  
San José, California

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Be sure the frequency (or "channel") is "clear" before you transmit. Think how **you** would like it if someone interrupted your conversation.

- Recommendation: when you turn to a repeater or a simplex frequency, listen for at least thirty seconds before transmitting.

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Using Q-signals **too often** is bad form. Although Q-signals have a very valuable place in Amateur Radio, they are not universally accepted on F.M. voice channels. Using them during EVERY TRANSMISSION is really annoying.

- Recommendation: use Q-signals sparingly. Once in a while. Not very often.

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Using the phrase "clear and monitoring" is not really necessary. Neither term is required by the F.C.C. or anybody else. If you call another amateur, using his/her callsign and yours, and that person does not answer, it is **not** necessary to advise "clear." You have already identified your station and any other identification is superfluous.

- Recommendation: use "clear" **only** to mean that you are shutting down operation and will not be there to answer any subsequent calls. Under normal circumstances, when you are finished with a contact but will continue listening, it is sufficient (and just right!) to merely say your call sign.
- Contrasting Recommendation: If you attempt to contact someone and there is no answer, you can notify others that you are finished by saying, "KF8xxx clear," or "no contact, this is KF8xxx clear W8ABC repeater." This allows someone who may have been standing by to go ahead and make his or her call.

---

Using the term "for I.D." is not necessary. There should be no reason to transmit your call sign **other than** to identify your station. Identification is required every 10 minutes during a conversation and at the end of a conversation or series of communications. Conversations need not come to a halt while you identify. ("Stand by, everyone, while I say my call sign.") Simply say your call sign once within 10 minutes.

- Recommendation: while talking, say your call sign once every ten minutes. Don't say "For I.D., this is KD8xxx." Don't say "For license preservation purposes, this is KD8xxx" more than once or twice per year. Identify properly, but do not over-identify.
- Contrasting Recommendation: if you hear someone say "for I.D.," they may be trying to gently remind you that 10 minutes have passed and you should identify your station. Take the hint and say your call sign the next time it is your turn to talk.

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Long ago, F.C.C. rules required mobile hams to not only say their call sign, but to say where they were operating, giving both the city and the call sign area. You may hear some hams saying, "...mobile 6" or "...mobile 3" after their call sign. This means that they are operating "mobile, in call sign area 6" or "mobile, in call sign area 3." This is no longer required but it is sometimes good to know. When leaving their home state, some hams will keep track of what call sign area they are in, and say, "...mobile 7," or "...mobile 1," or whatever.

- Recommendation: it's not necessary, but it's not wrong.

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Certain types of jargon are easily recognizable as being "CB" terms. "What is your personal?" when you mean "what is your name?" "I'm on the side," when you mean you are "listening" or "monitoring." Although there is nothing "wrong" with CB, these terms are neither generally used nor appreciated on Amateur Radio frequencies.

- Recommendation: avoid CB-style jargon and terms. Generally speaking, plain English is better: "my name is xxxx, what is yours?"

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In this day of scanners, scanning mobile radios, scanning portable radios, dual-, triple- and quadruple-band radios and multiple radios in the car or shack, you could miss making contact with someone because your radio is scanning several channels or bands. If you know that the person you are calling is sitting next to the radio waiting for you, you can make your call very simple: say his/her call, then your own. However, if your friend has a scanning radio or listens to several radios, it is possible that he/she could miss your call. You should call twice: say the other station's call twice, then your own. Pause for a half-minute or so and try again. It might also be a good idea to try again in 4 or 5 minutes, in case the called person's scanner was stopping on a long, drawn-out conversation. And if you know that the called station is listening to more than one frequency, you can call and say "on [such-and-such] repeater" to give them a hint as to which microphone to pick up or which band to select.

- Recommendation: call twice.

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You may hear people using the term "73," meaning "best wishes." There is no "s" in the salutation "73." (Other hams may use the term "88," meaning "love and kisses." Typically used between husbands and wives.) These shortcuts were developed years ago as a way to communicate common thoughts quickly. You will hear others saying "73s" and "88s" (wrong!) You might even hear someone saying [cringe!] "threes and eights and all those good numbers!" Yecch! Negative!

- Proper usage would be similar to this:
  - Voice: "OK, Dan, seven-three and I will talk to you later. (pause) WA8AII."
  - Voice: "73 for now, WB8KHP clear."

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Sometimes while talking to another station, it is necessary to ask the other person to "stand by." This may be caused by (a) a driving situation needing immediate attention to avert a crash, (b) a spouse or child walking into the "shack" with a message, (c) placing your order at a drive-up window, etc. The proper response, when requested to "stand by," is **silence**. Generally it will only take a moment and the other station will be back. If you feel it necessary to say something, then say, "[call sign] standing by." If you respond to "stand by" with a long, drawn-out acknowledgement, it serves **no purpose** and the person asking you to "stand by" is not listening anyway.

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One of the most important things for new hams to learn is to "K-H-T." That is "key, hesitate, talk." You must consciously learn to push the microphone button, pause slightly, and then begin speaking. If you push the button and speak simultaneously, the first word or the first part of a word may be cut off. This does not facilitate effective communications. Hopefully, if you learn to do it correctly from the first day, it will become subconscious and you will do it automatically. If this is the case, you will earn the respect and admiration of your peers. If not, you will be forever labeled as a sub-standard operator.

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Try to keep your language polite. Profanity and discussions of bodily functions should be off limits - not because of government rules, but because it's the right thing to do. Generally, other hams and their family members do not want to hear conversations that are not of the "G-rated" variety.

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## Travelin' Tony's Timetables

by: Anthony "Tony" Fabro N8RRB

One of the reasons why I enjoy participating in the Central Ohio Traffic Net is because of the people I meet either on the net or when I deliver a message to someone. We have a great group of hams who regularly check in and participate in the net. Come be a part of the net which meets daily on 146.970 at 19:15!

But I especially enjoy delivering messages from the net to someone over the phone. Why I enjoy it is a little bit of a mystery because it usually involves a cold call to someone whom I've never spoken to before. However most messages go to other hams so while I may not know them personally I already have a common interest with them. By introducing myself as a ham operator this works as an "icebreaker" of sorts and helps establish a connection with the person.

The interesting part is their reaction to receiving a message. Probably 75% of the recipients say thanks and have a good day, courteous but short. Then there are the 15% who will either question who the message from, why they received it or say that the callsign of the sending station is familiar but they can't figure out why.

Then there's the 10% who will strike up a conversation with you about the message. They may know the person who sent the message, want to talk about the content of the message (ex: congratulations on your new callsign, etc.) or just want to say thanks and why they enjoy ham radio. Occasionally someone from this group will even send a reply back to the originating station!

When I deliver a message and get an enthusiastic response it makes my day and reminds me of why I enjoy traffic handling and the hobby in general. The hobby touches so many lives in ways we may not always realize or are aware of. There are so many parts of the hobby that you are basically limited by your imagination (and of course FCC Part 97 rules).

I challenge everyone to get involved in ham radio and help make a positive difference in someone else's day.

Have a safe day.

## Tech Net To Start Oct 14

The CORC Tech Net will return from its summer break on Sunday October 14 at 1930 on the 147.330 repeater (PL 123.0 Hz). Listen for announcements on the 147.330 and 146.760 repeaters, as well as the CORC web page and CORC Yahoo group regarding the topic for this and future nets.

The purpose of the net is to discuss topics related to amateur radio on a technical level. Last year the net covered a variety of topics such as repeater operations, battery safety, alternate power sources and QRP operations. This year popular topics from last year will be repeated as well as new topics related to amateur radio.

You can suggest topics for future nets by sending an e-mail to [technet@corc.us](mailto:technet@corc.us). Hope to hear you on the net!

## Central Ohio Traffic Net – volunteers wanted!

The Central Ohio Traffic Net (COTN) is looking for a few good hams to assist with net control and section net liaison duties. Net control stations carry on the operations of the net in an efficient and effective manner. Net controls are usually assigned a particular night of the week to run the net. Skills learned for COTN nets can be applied for ARES net control operations.

Section net liaisons (SNLs) are the link between the local net and state and/or regional nets. As a result the SNL must be able to operate on the HF bands. The SNL is a critical link between nets and serves as the outlet to the rest of the traffic network. SNLs are usually assigned a particular night of the week to check into the local net.

If you are interested in either or both positions please contact John Fick, COTN Net Manager, at [KD8EEK@ymail.com](mailto:KD8EEK@ymail.com) . Learn more about COTN by checking into the net daily at 1915 on the 146.970 repeater (PL 123.0 Hz), or go to <http://www.cotn.us> .

## Information Regarding Ban On Texting While Driving.

A number of questions have been raised and the following is offered in an attempt to answer those questions.

*(The following discussion is offered as an information service of the ARRL Ohio Section. It is not intended as, and should not be construed as legal advice.)*

### **What's Prohibited.**

Ohio's "texting" law, H.B. 99 (the Bill) became effective on August 31, 2012. The Bill prohibits driving a motor vehicle while using a handheld electronic wireless communication device to write, send, or read a text-based communication. The use of cell-phones for voice communication is not prohibited by the Bill. The term "text-based communication" is not defined, but there are a number of exceptions in the Bill to tell us what it is not. For example, the act of "reading, selecting, or entering a name or telephone number in a handheld electronic wireless communication device for the purpose of making or receiving a telephone call is not prohibited. Other exceptions include the receipt (but not the reading) of wireless messages via radio waves, the use of a wireless navigation device and commercial truck mobile data transmission. If convicted, the texting prohibition for adults is classified as a minor misdemeanor. R.C. 4511.204(D).

### **Secondary Offense.**

The texting prohibition is designated as a "secondary offense", meaning that the act of texting cannot, by itself become the basis for a traffic citation without the commission of some other, primary offense. Specifically, the Bill provides, "[n]o law enforcement officer shall cause an operator of an automobile being operated on any street or highway to stop the automobile for the sole purpose of determining whether a violation of division (A) of this section has been or is being committed or for the sole purpose of issuing a ticket, citation, or summons for a violation of that nature or causing the arrest of or commencing a prosecution of a person for a violation of that nature, and no law enforcement officer shall view the interior or visually inspect any automobile being operated on any street or highway for the sole purpose of determining whether a violation of that nature has been or is being committed." R.C. 4511.93.



### **Six Month Pass.**

In addition, for the first six months the Bill is in effect, no traffic citation may be issued for the violation of the texting prohibition of the Bill. Instead, law enforcement officers are required to issue a written warning informing the operator of the motor vehicle of the existence of the new texting law. H.B. 99, Section 3.

### **Kids Beware.**

Additional prohibitions apply to juveniles. Specifically, no holder of a temporary instruction permit who has not attained age 18 and no holder of a probationary driver's license shall operate a motor vehicle while using "in any manner" a wireless communications device. This cell-phone prohibition, like the texting prohibition, is subject to a number of exceptions including emergency contact with law enforcement, hospital, fire department or similar emergency agency. The use of a cell-phone by minors is permitted if the motor vehicle is in a stationary position, outside the lane of travel. Interestingly, the "secondary offense" limitation on law enforcement for texting violations does not appear in Section 4111.205, which is applicable to juveniles holding a temporary operating permit and holders of a probationary license. Additionally, the penalty for those individuals is much greater.

### **Municipal Cell Phone Rules Not Affected.**

In Ohio, certain municipalities have the power to adopt local traffic and other kinds of laws that regulate conduct within the territorial limits of the municipality. In the exercise of that power, a number of Ohio cities have already prohibited driving while "texting" and in some cases, cell phone use altogether while driving. The Bill makes it clear that the state law prohibition on texting is not intended to supersede local ordinances prohibiting the same conduct. R.C. 4511.024(E). As a result, a cell-phone conversation or mobile QSO lawfully commenced on one side of the city line may become unlawful once the municipal boundary is crossed.

### **Mobile Amateur Radio Communications.**

For most of us, the Bill has very little application to amateur communications. Voice communication via mobile amateur radio is not prohibited. Text-based communication via amateur radio, however, is likely prohibited subject to the same exceptions as applied to cell phone based texting. The Bill's definition of "electronic communications device" does not specifically address amateur radio equipment, but does include "any other substantially similar wireless device that is designed or use to communicate text." This would appear to include mobile PSK and RTTY communications. APRS transmissions would, arguably, fall within the "navigation purposes" exception to the prohibition on texting. (*See Note-1 Below*) There may be other mobile amateur applications that would be subject to the Bill as well, if they involve communications by text-based messaging.

However, it is likely that the cell-phone use prohibition on juveniles under the age of 18 and those with probationary driver licenses will include the use of mobile amateur radio. The term "electronic wireless communications device" as used in that section includes, any "[w]ireless device that is designed or used to communicate via voice, image or written word." That broad definition would likely be interpreted to include mobile amateur radio, but subject to the exceptions noted in the Bill. (*Note-1*) - The statute does not specifically address that issue, and the assumption is based on my reading of the Bill.

Nick Pittner, K8NAP  
ARRL Ohio State Government Liaison



# **I HAVE MY LICENSE, WHAT IS NEXT?**

colvet.org  
No Registration  
Required.

Join us on Saturday October 20, 2012 for a comprehensive group of presentations on Amateur Radio at the Whetstone Library: 3909 N. High Street in Columbus. These forums are for new Hams, perspective Hams as well as those Hams looking for new challenges in Amateur Radio. We have assembled a Blue Ribbon panel of speakers for a comprehensive group of talks on Amateur Radio. We'll start at 9:30 AM and run until 4:30 PM. Feel free to stop in for a topic or come and hear all the speakers.

Featured discussions include:

How to choose your 'first radio'. Which functions are a must and others you'll never use.

We'll have a demonstration on D-STAR and all you can do on D-STAR.

Repeaters and repeater etiquette..How repeaters work as well as all there is on the repeaters

John-KD8DVR, Speaking on satellite operations through a handheld.

Stan-N8BHL, Delaware, Ohio ARES Emergency Coordinator. What to expect on both the provider and the provided for side of Emergency Communications..

Batteries. All of the types, needs, uses and how to care and maintain them.

Beyond the presentations we'll have fellowship and information on many of the clubs in Central Ohio. This is the opportunity that most new Hams will never have to see this many experts and leaders of Amateur Radio at one time in such an intimate setting.

Bring your questions. Bring your friends. This will get you a large amount of experience in one quick event..

There is no registration required for this event. Feel free to drop in for any section you are interested in.

Whetstone Library is located at 3909 North High Street-Columbus, Ohio 43214. For directions go to <http://www.columbuslibrary.org/locations>

**www.colvet.org**



# 18th Annual Welcome Fall Festival

October 7nd 2012 ( Sunday )

6 PM EDT ( Eastern Daylight Time)

Genoa Township Hall ( See Map )

Bring a Covered Dish ( with Spoon )

## Scheduled Speaker

Matt, KB8UVN will be speaking on Packet Radio.

CORC will Provide:

Soft Drinks

Coffee/Tea

High Quality Plastic Ware

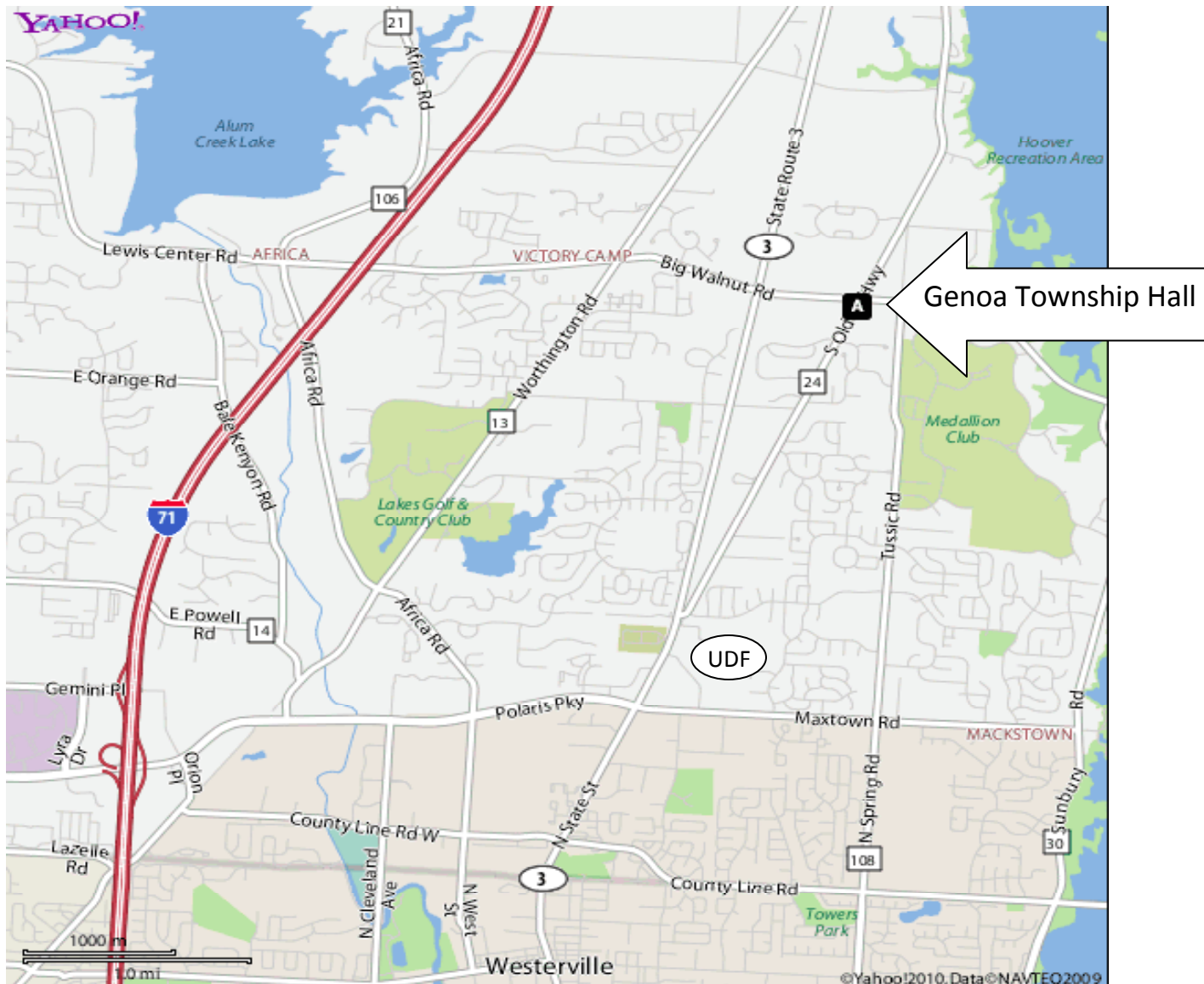
Cups and Plates

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.