



AIRWAVES JOURNAL

The Newsletter of the InterCity Amateur Radio Club ~ Established 1933
~~75th anniversary ~~
November, 2008

Upcoming Events

November 20th - Breakfast at the Rise & Dine - 9AM

~~~

November 27<sup>th</sup> - Thanksgiving

~~~

December 5th - IARC Meeting - Peel-N-Stick night - Coneys too
Health Dept at 7:30PM Sterkel Blvd & Lexington Ave.

~~~

December 6<sup>th</sup> - Skywarn Appreciation Day - 00:00z - 24:00z  
Contact Gary Garnet if you want to help at [gary.garnet@noaa.gov](mailto:gary.garnet@noaa.gov)

~~~

December 21st - First Day of Winter

~~~

December 25<sup>th</sup> - Christmas

~~~

January 1st - New Years Day

~~~

---

# VE TEST SESSIONS

Planning to upgrade? Here is the list of **Test Sessions within 100 miles of the Mansfield area.**

Sessions in **GREEN** are open with walk-ins welcome.

Sessions in **BLUE** request pre-registration but will allow walk-ins.

Sessions in **RED** will REQUIRE pre-registration and **DO NOT** allow walk-ins.

Even though most groups welcome walk-ins it is still a good idea to call ahead and make sure they know you are coming and to make sure the session is still going to happen.

**15-Nov-2008 Sponsor: COLUMBIANA ARC Time: 2:00 PM (Walk-ins allowed)**  
**Contact: ALBERT J BEAL – (330) 223-2945 -- Email: [N8RAK26@NETZERO.NET](mailto:N8RAK26@NETZERO.NET)**  
**REGISTRATION AT 1:00PM --Location: COLUMBIANA CTY EMER MGT**  
**215 S MARKET ST -- LISBON, OH 44432**

**15-Nov-2008 Sponsor: HOCKING VALLEY ARC Time: 10:30AM (Walk-ins allowed)**  
**Contact: TOM J ODELL – (740) 380-3577 --Email: [TOMODELL2@MSN.COM](mailto:TOMODELL2@MSN.COM)**  
**PRE-REGISTRATION 1 WEEK AHEAD NO TEST IF NO-ONE REGISTERS!**  
**Location: HOCKING VALLEY EMER OPS CENTER-911 BLDG**  
**52 E 2ND ST -- LOGAN, OH 43138**

**16-Nov-2008 Sponsor: LORAIN COUNTY ARA RED CROSS Time: 1:00 PM (Walk-ins allowed)**  
**- Contact: CHARLES S HALL -(216) 433-3036 -- Email: [VE@W8HF.COM](mailto:VE@W8HF.COM)**  
**Location: AMERICAN RED CROSS -- 2929 W RIVER RD N -- ELYRIA, OH 44035**

**18-Nov-2008 - Sponsor: SANDUSKY RADIO EXP LEAGUE INC Time: 7:00 PM (Walk-ins allowed)**  
**Contact: LUTHER T GANTZ – (419) 684-7864 - Email: [N8HC@ARRL.NET](mailto:N8HC@ARRL.NET)**  
**Location: SANDUSKY RADIO EXP LEAGUE INC -- 2909 W PERKINS AVE**  
**SANDUSKY, OH 44870**

**19-Nov-2008 Sponsor: DAYTON ARA - Time: 7:00PM (Walk-ins allowed)**  
**Contact: MARK E ERBAUGH – (740) 845-1877 - Email: [N8ME@ARRL.NET](mailto:N8ME@ARRL.NET)**  
**PRE-REG ONLY FOR SPECIAL NEEDS - PRE-REGISTRATION PREFERRED!ALL EXAMS OFFERED**  
**Location: DARA CLUB HOUSE - 6619 BELLEFONTAINE RD**  
**HUBER HEIGHTS, OH 45424**

**23-Nov-2008 Sponsor: WARREN ARA Time: 6:30 PM (Walk-ins allowed)**  
**Contact: WILLIAM H SHOWERS (330) 872-1929 -- REGISTRATION AT 6:30 PM!**  
**Location: NEWTON FALLS COMMUNITY CENTER**  
**52 E QUARRY ST NEWTON FALLS, OH 44444**

**02-Dec-2008 Sponsor: CUYAHOGA FALLS ARC - Time: 7:00 PM (Walk-ins allowed)**  
**Contact: BRUCE M FERRY (330)929-2766**  
**Location: STOW-MUNROE FALLS PUBLIC LIBRARY**  
**3512 DARROW RD -- STOW, OH 44224**

**06-Dec-2008 Sponsor: PORTAGE COUNTY ARS, INC Time: 10:00AM (Walk-ins allowed)**  
**Contact: JAMES J AYLWARD (330) 297-7979**  
**Email: [KC8PD@PORTCARS.ORG](mailto:KC8PD@PORTCARS.ORG)**  
**Location: CENTER OF HOPE -- 1034 W MAIN ST -- RAVENNA, OH 44266**

**06-Dec-2008 Sponsor: SILVERCREEK ARA Time: 9:30 AM (Walk-ins allowed)**  
**Contact: BARRY J YOUMANS (330) 925-1706 Email: [KI8B@ARRL.NET](mailto:KI8B@ARRL.NET)**  
**Location: RITTMAN PUBLIC LIBRARY - 49 W OHIO AVE - RITTMAN, OH 44270**

**06-Dec-2008 Sponsor: LAKE COUNTY ARA - Time: 12 NOON (Walk-ins allowed)**  
**Contact: SCOTT FARNHAM - (440)256-0320**  
**Email: [SCOTTFARNHAM@ROADRUNNER.COM](mailto:SCOTTFARNHAM@ROADRUNNER.COM)**  
**Location: KIRTLAND LIBRARY - 1.7 MI S OF I-90**  
**9267 CHILLICOTHE RD ROUTE 306**  
**KIRTLAND, OH 44094**

**13-Dec-2008 Sponsor: TOLEDO MOBILE RADIO ASSOC Time: 8:30 AM (No walk-ins)**  
**Contact: STEVEN L STALKER (419) 467-3734**  
**Email: [SSTALKER@AMERITECH.NET](mailto:SSTALKER@AMERITECH.NET)**  
**Location: MAUMEE FIRE STATION #2 - 450 W DUSSEL DR -- MAUMEE, OH 43537**

**13-Dec-2008 Sponsor: CLARA -- Time: 9:30 AM (Walk-ins allowed)**  
**Contact: KEITH H MARSHALL (937)964-8383 - Email: [AB8BD@ARRL.NET](mailto:AB8BD@ARRL.NET)**  
**Location: CLARK COUNTY LIBRARY CONFERENCE ROOM**  
**201 S FOUNTAIN AVE - SPRINGFIELD, OH 45506**

---

## DX & IOTA UPDATE

**ANTARCTICA**. Nicolas, F4EGX will be QRV as FT5YI from the French base "Dumont d'Urville" on Petrel Island, IOTA AN-017, from November to mid December. Activity is on the HF bands using SSB in his spare time. QSL to home call.

**BELGIUM, ON**. Special event station ON55INR is QRV until December 31 to mark the start of TV broadcasting from Brussels from the Institut National Belge de Radiodiffusion. QSL via bureau.

**ANTARCTICA**. Bob, VK2ABP will be QRV as VK0BP on Davis Base from November 1 to March 7. He will be active in his spare time. QSL via VK2CA.

**LATVIA, YL**. Latvian amateur radio operators will use the special prefix YL90 during the month of November in celebration of the 90<sup>th</sup> anniversary of the proclamation of the Republic of Latvia.

**MAURITANIA, 5T**. A group of volunteers that are part of an aid program are QRV as 5T5JA from Nouakchott until mid November. Their activity is on 40 to 10 meters using CW and SSB. QSL via JA1BAB.

**KUWAIT, 9K**. Operators DL9RCF, DM5TI, DL9NDS and DL5NAM are QRV as 9K2HN until November 17. Activity is on all HF bands using CW and SSB. This includes an entry in the Worked All Europe RTTY contest. QSL via 9K2HN.

**BHUTAN, A5**. Members of the Clipperton DX Club are QRV as A5100A from Thimphu until November 17 to celebrate the 100th anniversary of the Kingdom of Bhutan. In addition, Pradan, A51PN is active as A51PN/p from three different southern regions. Activity is on all HF bands. QSL via operators' instructions.

**EASTER ISLAND, CE0.** [IOTA SA-001](#) Merv, N6NO is QRV as CE0Y/N6NO until November 16. Activity is on 40 to 12 meters using mainly CW. He has permission to temporarily operate on 30 meters as well. QSL to home call.

**FRANCE, F.** Special event station TM90AA is QRV until November 21 in celebration of the 90th anniversary of the end of World War One. Activity is on all bands. QSL via F4FIU.

**GRENADA, J3.** [IOTA NA-024](#) DL7CM and DM2AYO are QRV as J3/homecalls until November 25. Activity is on 160 to 6 meters using CW, SSB, RTTY and PSK with both stations active simultaneously. QSL to home calls.

**LEBANON, OD.** Jean, ON4JM is QRV as OD5/ON4JM until the end of December while here with the United Nations. QSL to home call.

**ANTARCTICA.** Joel, ON5XX will be QRV as OP0DL from Patriot Hills until around December 25 while on work assignment. QSL to home call.

**SEYCHELLES, S7.** Tohru, JA0UMV and Iwa, JA0UH will be QRV as S79MV and S79UH, respectively, from Praslin Island, [IOTA AF-024](#), from November 9 to 14. Activity will be on 160 to 10 meters using CW, SSB and RTTY with two stations running simultaneously if there is no interference. QSL to home calls.

**BRUNEI, V8.** Ian, G3YBY will be QRV as V8FKT from November 9 to 21. Activity will be on 40 to 15 meters using mainly SSB and RTTY. QSL to home call.

**OPERATION APPROVED FOR DXCC CREDIT.** The following operation is approved for DXCC credit: Iraq, YI9PT, 2008 operation.

**OPERATIONS APPROVED FOR DXCC CREDIT.** The following operations are approved for DXCC credit: Timor-Leste, 4W6R, 2008 operation; Iran, EP3BN, 2008 operation; Nepal, 9N7BN, 2007 operation; Republic of the Congo, TN5SN, current operation commencing October 2008; and Republic of the Congo, TN5MM, current operation commencing October 2008

---

## Thanks For Helping On The Fall-N-Leaf Tour

Thanks to all who helped with the Fall-N-Leaf bike tour on Oct 12<sup>th</sup>. It was a great day to enjoy the countryside with temps in the upper 70's. Not alot of traffic but for the rider who fell they were greatful our people were close to hand! Mark KC8MKL & Steve KD8GRM were stationed at the bottom of the hill where some concern for safety was located. The person to took the spill needed the rescue squad and communications to the ride officials went smooth as they could. The rider had a concussion and some abrasions but was treated and released. Thank goodness for his helmet as it kept him from even worse injuries. A special thanks for a job well done to Steve & Mark for being in the right place at the right time!!! The ride had just over 230 participants this year and that was the only mishap. The Mid-Ohio Bikers were greatful for our help as always but this year we really came thru for them. In fact we even recieved a donation from them for \$100.00!!

---

# Want to Learn Morse Code?

This is from the World Radio Magazine November issue. Still want to learn Morse Code? Visit [www.LCWO.net](http://www.LCWO.net). This is an online morse code learning site which only requires a web browser. Users can access this site anywhere to practice their skills. The site will also let you retain personal settings, scores, & statistics.

---

## Let's Get on the Maker Bandwagon

By Dan Romanchik, KB6NU

~~~

About a week ago, I got an e-mail from a ham down in Texas who had attended the Maker Faire (makerfaire.com). "Makers" are people who love to tinker and make things. They even have their own magazine, Make (www.makezine.com).

He was amazed at the lack of any amateur radio content. He wrote, "The Maker Faire was unbelievable. Incredible stuff. Pedal powered carnival rides, robots, computer drive routers, kits. Outside of a table with a Vectronics kit, and a license manual, and a QRP book, the only radio stuff was from a pirate radio group."

I'm kind of amazed at this as well. It just goes to show how disconnected amateur radio is getting from the mainstream. These are exactly the kind of people we want to get interested in amateur radio, yet there was no one there representing us.

Ham radio needs to be at these events and get plugged into the "maker community." The Faire has not yet released attendance figures for this particular Faire, but more than 65,000 people attended the Faire held in May 2008. Dayton, with its attendance of about 20,000, looks anemic by comparison.

I blogged about this back in May

<http://kb6nu.com/why-cant-dayton-be-more-like-the-maker-faire/>

One of the things I suggested then is moving Dayton to some place like Austin. Seriously, if you were a new, young ham, where would you rather go, Dayton, OH or Austin, TX? Let's be real here.

And can there be a worse place for an event than Hara Arena? The parking lot, where they hold the flea market looks like a mine field, and it usually rains, making the flea market a wet, unpleasant experience. Is it any wonder that fewer and fewer vendors choose to haul stuff out there? Some of us older hams might fondly reminisce about the bargain we found while traipsing around wearing a trash-bag poncho, but a story like that is not going to resonate with new hams.

Please don't get me wrong. I don't mean to badmouth the Dayton Amateur Radio Association or the Hamvention. I actually think that they do a great job, all things considered. I'm just pointing out that if ham radio wants to again be part of the mainstream, we have to get with the program. Unfortunately, that program probably won't be at the Hara Arena.

Ham radio has got to figure out how to latch onto the Maker phenomenon. At the very least, the ARRL should have a booth at the next one, and in addition to all the books and t-shirts, they need to come up with some kind of demo or display to attract makers into ham radio. I don't know what exactly, but I'm willing to start talking about it.

This phenomenon might also be a boon for clubs who hold hamfests. Just as the computer craze turned ham swaps into ham and computer swaps in the 80s, perhaps ham clubs could turn their hamfests into a combination hamfest and Maker Faire in their communities.

As I said earlier, Makers are exactly the kind of people we want in ham radio. Let's go out and get them.

When Dan's not pontificating about ham radio, you'll find him working CW on 40m, teaching ham classes, or running for the ARRL Board of Directors. Read more by going to www.kb6nu.com. Send e-mail to cwgeek@kb6nu.com.

Skywarn ®

By Jay Bookwalter KC8GNL

Well the storm season is about gone. The chances for severe thunderstorms have just about gone for the winter. I can't say a storm is not possible as we have had some big ones in early November over the last few years but the odds are slim. So with this fact it will soon be time to start work on training sessions for next season.

For those new to amateur radio and the skywarn program, we have a series of training sessions that are held in each county in the Cleveland NWS Districts. It is required that to be a certified spotter that you attend a training session at least every 3 years. If you do not then your name is removed from the spotters lists in Cleveland. One of the big reasons now days is that the NWS is constantly improving their technology. New equipment & new procedures are always occurring each year and missing sessions of more than 3 years can allow you to miss out on these changes.

These sessions are usually held in March, April, and sometimes in early May depending on the county. Our Session is now set for **March 10th, 2009**. Most sessions are taught by Gary Garnet the Warning Coordination Meteorologist (WCM) from Cleveland's Office although the other forecasters and even the head of the Cleveland NWS, Bill Comeaux, will sometimes do a session or two. They run about 2 hours maximum and most are held in the 6:30PM time frame. Locally we have 2 sessions in our county one at 1PM which will be at (**TBA**) and the other at the typical 6:30PM time which is at the Lexington Sr Citizen's Center.

For more information on the program visit www.erh.noaa.gov which is the Cleveland NWS website. Once there look on the lefthand sidebar for Skywarn and click on it. There is where you will find the basic information and also the calendar for the training sessions once they are set. So if you can't make our sessions you can attend any of the others and if you really want to you can attend as many as you want too.

Moving on, most of you should have heard by now that we closed down the bike shop radiator room which was the skywarn office too. Danny & myself have talked it over and in talks with Keith Markley the EMA director, will be moving the skywarn operations to the EMA radiator room. One requirement though will be a police background check for **ALL** operators we use at the EMA office in which Keith is looking into thru the sheriff's office. Homeland security being what it is plus the fact the area is shared with the county 911 dispatcher's this is going to be a requirement. I will let you know the details when they are finalized hopefully by the next month or two. One thing is *NO* this will not be like the

Red Cross background check as only a criminal background check will be done for this location.

On another note Danny and Myself are looking for a new coordinator for the local program. A few Requirements are as follows.

First you should be a registered spotter with at least one active year of service. We will work with anyone with less time till they get familiar with procedures but those with more time will understand the program a bit better.

Second you *must* be able to work with neighboring counties in the skywarn district 3 area as we are the one area that can access the “Backbone” 6meter link to the NWS. The other counties have troubles doing this so we cover that for them when needed. I don't want to sound nasty but if you don't want to do this requirement then do not ask to be coordinator. This is because we are requested to do this by the NWS in Cleveland as they know the situation and some reports sent by phone may not get thru due to non-amateur spotters calling in! There are only so many incoming lines at the Cleveland office and 2 or 3 are reserved for outgoing links and 2 others for weak districts. So this is now a *requirement* to cover which is different from the early years of the program.

Third you must be able to attend meetings in Cleveland and/or Norwalk. Cleveland meetings are usually bi-monthly and can be done via a phone conference when available while Norwalk is a monthly session (*except in January*) at the Norwalk EMA office. It is recommended that any new coordinator make the trip to Cleveland so as to see the operations center and to meet some of the people that we work with. You don't have to make all of these but an honest effort should be made to make as many as practical.

Fourth You will need to work with the EMA locally as the Skywarn office will now be the at the EMA radioroom and Keith Markley the EMA director will also have to approve your access so a background check will be required in order to access the radioroom. Security at EMA is required which is why the background check is needed.

Fifth You will have to be able to work with all the spotters in our county and those from other counties that report thru our net. Being able to deal with problems is important as some reports can push the limits at times. Diplomacy counts big time in this program.

Sixth You must be available during what is commonly called the “second shift” hours as this is the most active storm times and a coordinator who is never available is not acceptable. The time frame of 4 till around 8PM see the most activity with severe weather although last spring it seemed to hit around midnight which is not a normal thing. Anyways we need a coordinator that can be available in the “normal” storm activity hours which was one problem we had with the last coordinator.

Seventh You will have to put a group together to help run the skywarn nets. This is because we all know people can not always be available all the time. Therefore having a backup group in place will be important. These people will **also** need to be able to get to the EMA radioroom and be approved for access as we do have a requirement that the nets run from the skywarn office *except for late night events*. We got a bit lax in this and are going to bring this requirement back. **Again the backup net operators will need background checks.**

Lastly You will need to have ability to run nets, and to be trained by Danny or myself in how the local program and the backbone net operates. The 6 meter link is a closed system and if your name is not on the list in Cleveland as being trained for backbone duty, you will be ignored as an unregistered station. These nets are important and how they want things done has been a long time effort so they expect

rules to be followed. Our own local net has a few rules in which we will review with the prospective net people once they get clearance to the EMA office.

So if you think you might have interest in becoming a coordinator contact Danny or myself. I know some of the above requirements sound stiff, but in the interest of doing a good job we have to set some ground rules. So even if you are new to skywarn we can work with you even though we ask for a minimum of 1 years experience. Danny & I will be willing to run the program till we get a new coordinator up to speed. Email both Danny at kb8stk@hotmail.com & myself at kc8gnl@embarqmail.com if interested in this position. Again your experience in the program can be worked with till a person is ready to take over on their own so do not let that stop you if you are interested.

~~~

While mentioning Skywarn I also want to mention that December 6<sup>th</sup> from 00:00Z till 24:00Z will be Skywarn Appreciation Day. Details are available at the following website; <http://www.crh.noaa.gov/hamradio/index.php> The Cleveland Office is hoping to participate and if you would be interested in helping run the special event station at the Cleveland NWS office please contact Gary Garnet at [gary.garnet@noaa.gov](mailto:gary.garnet@noaa.gov) or check in on the Wednesday night 6meter Backbone net at 8PM. Sorry but yes it is the same time as our local net. He needs to know how many are wanting to help as soon as possible!!

---

## OHIO HAMS DISCOVER, FIX "DITTERS" ON 40 METERS

Credit: The ARRL Letter, Vol 27, No 43 (Friday, October 31, 2008)

Silent since the summer of 2000, "ditters" have been heard once again <http://www.arrl.org/news/stories/2000/07/28/2/> on 40 meters by hams in North Carolina. According to ARRL Field and Regulatory Correspondent Chuck Skolaut, K0BOG, hams in that state contacted him on October 22 complaining of hearing a continuous string of "dits" on 7.0574 MHz. "We informed the FCC HFDFing station of the situation and asked if they could locate the approximate area of the 'dits' so we could get this resolved as soon as possible," Skolaut said. "They responded promptly and said it was coming from Westerville, a town just north of Columbus, Ohio."

Once the general location had been pinpointed, Skolaut called on ARRL Ohio Section Official Observer Coordinator Rick Swain, KK8O for assistance. Swain immediately alerted his team of Official Observers (OO) to check out the situation. "Neither I nor the OOs could hear the transmitter," Swain said in his report. "In a telephone conversation with one of the OOs near the target area, he suddenly stated that he could hear it, but that the signal was at the noise level, about S2 to S3. At just about the same time, I could hear it as well at my location [about 50 miles from the target area] -- just above the noise level -- for about five or ten seconds, then it disappeared."

Swain also placed a call to Assistant Section Manager Bill Carpenter, AA8EY. "Bill lives within the target area. I briefed him on the situation and he went right to his station," Swain said. "Bill checked the frequency and told me he was hearing [the 'dits'] at about S9. He said he thought he might know who it could be and that would make some calls."

Around 7:30 AM on October 23, Swain checked the frequency and found no signal. "I assumed that either Bill had found the transmitter or the owner came home, found it transmitting and turned it off," he said. "Later that morning, Bill sent me an e-mail saying that the signal was back on and about S7. I called Bill's house and left a message telling him I was on my way to Westerville to track down the signal. If he wanted to ride along with me while I looked for it, he was more than welcome to come." Skolaut said the signal was also heard in Newington that day.

When Swain arrived in Westerville, he had a list of the names and addresses of 172 licensees in the area, as well as a general idea of where the signal should be, based on the data from the FCC's HFDFing station. He also had his HF radio, an all-band screwdriver antenna, a GPS receiver and a VHF radio for information and directions. "I drove around the area checking the signal and noted that it was about S9 and climbing," Swain said. He and Carpenter met up and continued the search together. About 15 minutes later -- with Swain driving and Carpenter giving directions -- "we noted that the signal was 30 over S9 and Bill had me make a left turn at the next street, saying that there was an address on the list we should check out. We stopped at that address, but no luck."

Swain said he then injected 30 dB of attenuation and continued to drive in the same direction: "The signal was now reading 20 dB over S9 with the attenuator still on. We turned down the next street and the signal rose another 20 dB. I pulled into a parking lot and made a 360-degree turn as to determine the signal's direction. The turn indicated that we should proceed to a newly constructed housing area adjacent to the parking lot."

Swain and Carpenter then made their way over to the housing development and found that signal peaked. "Bill checked the list and found a ham lived on the street we were on, so we stopped and knocked on the door, but no one answered," Swain said. "We checked out the backyard and saw a 4-band trapped vertical antenna. We went next door and spoke to the neighbor and told him who we were and what we were trying to do."

With help from the neighbor, Swain contacted the ham at work and explained the situation. The ham told the neighbor how to get in the house and where they would find the transmitter. "We went in, found the transmitter in operation and turned it off," Swain said. "I noticed the ham had a large cat lounging near the transmitter and assumed the cat could have leaned up against the keyer paddle and started the transmitter. No other explanation could be possible without the owner hearing the transmit relay clicking."

When Swain and Carpenter left the house, they listened to the receiver and discovered the signal had disappeared.

"This was a great example of coordinated cooperation by the FCC and Oos to resolve a problem in a timely fashion," Skolaut said. "The Dfing station told us that hopefully the OOs could handle it as the FCC District Office was unable to work on the case at this time."

Calling this a "splendid example of cooperation," ARRL Great Lakes Division Director Jim Weaver, K8JE, echoed Skolaut's praise: "I believe the response to the situation was as fine an example of symbiotic relationship between member-staff-FCC-staff-field organization as one might find. Extremely well done by all hands."

---

# ARRL VEC ANNOUNCES EXAM FEE INCREASE

Credit: The ARRL Letter, Vol 27, No 44 (Friday, November 7, 2008)

On November 6, The ARRL VEC <<http://www.arrl.org/arrlvec/>> announced that as of **January 1, 2009**, the fee to take an ARRL Volunteer Examiner (VE)-administered Amateur Radio license exam **will increase by \$1**, from \$14 to \$15. According to ARRL VEC Manager Maria Somma, AB1FM, ARRL VE teams may retain up to \$7 of this fee to directly reimburse their teams' out-of-pocket examination expenses; currently, VE teams keep \$6. This is the first time in four years that the examination fee has been adjusted.

Somma said that the FCC allows VECs to collect an examination reimbursement fee from each candidate who takes one or more exam elements. "VEs and VECs may be reimbursed by examinees for out-of-pocket expenses incurred in preparing, processing, administering or coordinating an examination for an amateur operator license (FCC Rule 97.527)," she said [http://edocket.access.gpo.gov/cfr\\_2002/octqtr/pdf/47cfr97.527.pdf](http://edocket.access.gpo.gov/cfr_2002/octqtr/pdf/47cfr97.527.pdf) "These exam fees help the VEC recover its costs of providing its services."

Saying that every examinee at each ARRL coordinated examination session is charged the same fee in accordance with the annually-established fee schedule, "Any person sitting for an exam, or having a new license or upgrade processed at a test sessions, must pay the exam fee applicable for the calendar year," Somma explained. "The ARRL VEC's exam fee for calendar year 2009 is \$15. Each time a candidate pays one exam fee, they are entitled to take tests for Elements 2, 3 and 4 as needed, up to all three elements under the single exam fee. Each time an examinee retakes an exam element (assuming the VE Team has different exam design available), another exam fee is charged."

VE teams may elect to keep a prescribed portion of each exam fee collected exclusively to offset expenses that are directly incurred in administering the VE program. "All out-of-pocket reimbursable expenses shall be necessary and prudent, and must relate to the examination process in some way," Somma said. "VECs and VEs are expected to use good business judgment with respect to reimbursement amounts. The examination reimbursement fee cannot be used to offset non-session related costs and must be kept separate from other accounts."

Somma pointed out that business expenses such as postal, utility, fuel and printing charges, are increasing: "Our VE teams are feeling the effects of the current economy, too! Teams are retaining reimbursement at amounts considerably larger than previous years. The amount of out-of-pocket costs that our VEs and the VEC are expending to provide authorized services in connection with Amateur Radio operator examinations continues to rise."

Recent ARRL VEC cost-cutting steps have included staff reduction, reduced printing charges of ARRL VE training material and exam software, renegotiating shipping and printing contracts and eliminating lesser-used services.

"Only so many cost-cutting measures can be justified without cutting back significantly on services essential to our VE teams, our customers and our program," Somma said. "As a result, an adjustment was needed in the 2009 exam reimbursement fee if we intended to maintain the basic levels of service that our VEs, VE teams and candidates have come to expect."

Somma said that the ARRL VEC permits its VEs to retain a portion of the exam fees they collect to directly reimburse themselves for out-of-pocket expenses incurred in setting up and conducting their examination sessions. "As long as the expense is warranted and has been prudently incurred -- and the

expense is specifically related to exam administration -- then the fee can be retained," she said. "The team should keep a complete record of the expenses paid (with receipts) in team records for two years. Records must be made available to the ARRL VEC upon request. Costs not related to the exam session processes or paperwork are not reimbursable."

"We believe that the ARRL VEC's level of assistance and services are outstanding," said ARRL Chief Operating Officer Harold Kramer, WJ1B. "Exam supplies, such as paperwork and software, shipping costs both to and from the VEC and ARRL VE accreditation, as well as credentials, are all free of charge for our VEs. We maintain a toll-free number for our VEs and we even offer reimbursement to the VE team for their expenses. We appreciate the dedication and volunteerism of all our VEs in the field. This is why we offer so many services free of charge. This is why we have that same level of duty and commitment here. Every test fee we collect goes right back into the VEC program and to serving the Amateur Radio community."

## AMSAT Update

The AMSAT Board of Directors approved Gunther Meisse W8GSM as the Treasurer of AMSAT-NA at their October 23, 2008 meeting in Atlanta Ga. Congrats to Gunther in this appointment. Gunther is the father of Rob, W8REM & Gunther, K8GSM.

---

## Meeting Minutes from 11/7/08

Before the meeting began, those who were in attendance gave their names and call signs.

**Treasurer's report:** Dean, kb8mg said that as of this meeting we have \$1,115.4 in savings. \$207.67 in dues. Checking has \$1788.33. Repeater Savings stands at: \$4,271.93.

**Membership:** Mike, w8emt said that as of this meeting we have a total of 50 paid members.

**Web Site:** Philip, kd8fgv said that for the month of October we had 165,889 hits to the website, which turned into 5,361 sessions. The average session was about 2 minutes and 16 seconds. We moved 844 MB of data through the website in the month of October with the Airwaves being downloaded 425 times. Right now we currently have 55 e-mail addresses. If anyone would like an IARC e-mail address, please contact Philip, kd8fgv by the information on the web page and he will set you up.

**ARES ®:** Danny, kb8stk said that there will be an ARES® meeting this coming Thursday Nov. 13 at the Richland County EMA building located in the old Peoples Hospital. This meeting will take place in the Community Room. This meeting is set to begin at 7:00 PM, everyone is welcome. We are doing some work with message handling and going over the construction supplies needed to build your own fox hunting antenna. Next Danny, kb8stk thanked everyone who helped with the Fall and Leaf Bike Tour, it was a success. They also talked briefly about the Fox Hunt which took place at Mohican Forest on October 11<sup>th</sup>. At this time Jay, kc8gnl read a letter written to our radio club thanking us for calling 911 during the Fall and Leaf bike tour when one of their riders was injured in a bicycle accident. Danny, kb8stk asked that everyone in attendance give a hand to Steve, kd8grm and Mark, kc8mkl. They did a fantastic job in properly handling the situation during the net and making sure the ambulance had been called.

**Skywarn:** Jay, kc8gnl said that we have the Skywarn training scheduled for this upcoming spring. It is to be held on March 10th, 2009 at two locations. At this time, the afternoon location and time have not been finalized. However the evening session is to be held at the Senior Citizens Center located in Lexington at 6:30 PM. If you are someone who has not had training in the past three years, if you are new to Skywarn or if you simply enjoy the training this will be for you.

**Special Events:** Rob, kd8azq said that he has already begun scheduling events for next year. Next September there is a special event that allows Amateurs to operate from state parks. Since Malabar Farm is Richland County's only state park. Rob kd8azq has secured us the ability to set up and run a special event station from there next year. Aside from that, we are in coast time until our Ham Fest.

**Education:** Henry, wd8q said that the VEC's are going to get together and try to come up with lesson plans and a tentative schedule for next year. He would like to have two Technician and two General courses throughout the year.

**PIO:** Bill, w8wer said there is not much with PIO to talk about at this time.

**Tech Committee:** Bill, w8wer said that The evening which our October meeting took place on, the amplifier died on the .94 repeater. This meant that a number of people were involved in tracing down the problem and helping to pave the way for it's repair. He also said that the .36 repeater has been bandaged enough to be on the air. It also needs a new tube for it's amplifier. In addition to this, the IRLP is having some problems but Bill thinks he knows what those are. We did get the pre-Amp repaired for the .36, so that should help reception considerably. Bill, w8wer also said that Derrick, w8now is in the process of trying to get a grant for us to use toward the purchase of two brand new solid state amplifiers for the repeaters. He will keep everyone posted on how that progresses. We are still looking into the purchase of a new antenna for the .94 repeater. Now that we know the tower it would be on at the radio station has passed inspection, Bill, w8wer is trying to decide whether to purchase another fiberglass antenna or go with VASU's suggestion of a four bay open di-Pole. Tom, n8twm asked how the remote receiver at Scenic Drive is that went bad earlier this fall? Bill, w8wer said that it has been fixed and is waiting reinstallation. Jennine, kd8cwf encouraged the younger hams to learn as much about the repeaters and how they work by shadowing our tech committee. This ensures that no repeater or other electronic repair wisdom is lost.

**Health and Welfare:** Cathy, kc8snp said that she can't send out any health and welfare cards if she does not know if they are needed. She asks that if anyone knows of someone within the club who is in need of a card to please let her know.

**Newsletter:** Jay, kc8gnl also said that if anyone has anything they would like to see put in the Airwaves to please send it to him. You can reach him at: [kc8gnl@embarqmail.com](mailto:kc8gnl@embarqmail.com) or [kc8gnl@iarc.ws](mailto:kc8gnl@iarc.ws).

**Peel-n-stick coney night:** Jay, kc8gnl and Cathy, kc8snp asked if anyone else would be interested in helping with Coney night coming up at our next meeting in December? If so, please contact either of them.

**Old Business:** Rob, kd8azq said that he echoes Bill, w8wer's feelings of not liking the idea of having to rent a lock and store for our club's belongings. But, do we have any other ideas? Rob, kd8azq said that he got a price quote of the Lock And Store in Shelby for \$50 a month for a 10 by 15 Ft. unit. If we purchase an entire years rent at once, we would get 2 (Two) months free of charge. He said that no other locations in Richland County would work with us that much. After a long discussion of various options Chris, kd8jbf said that his mom has a garage that is not being used. He said that she also has a small shed that is lockable which we could also use if necessary. He would ask her if we could use it

temporarily as a place where we could begin storing all of our club's belongings in one place for now. He said that he would need about a week to talk it over with his mom. He said that he would let the club know when we can begin moving our belongings in.

**New Business:** Nothing was brought up.

**Ham Fest:** Under Publicity Rob, kd8azq said that he has listed our show on Wmfd's website, as well as the Mansfield Newsjournal's website under there Calendar and Things To Do link. John, k8nj said that the tickets are all ready to go to Shelby for printing. Rob, kd8azq said that for door prizes, we will give away an Icom IC-718 HF rig with power supply, a HT and \$50. It was asked if we have any new dealers coming this year? Rob, kd8azq said that Phil's Ham Radio Store will be there again. Rob, kd8azq reminded us that if anyone would like to go in on a bulk purchase of coax or ladder line to please let someone know and we will have Phil's Ham Radio Store bring it in bulk when he comes. This would eliminate the cost of shipping. Rob, kd8azq said that most jobs are already filled. Melody, kd8cwi said that if anyone knows of a business that might like to donate anything such as gift certificates or key chains to be placed in the XYL bags, they should have the business get in touch with either Jennine, kd8cwf or her. She said that almost 150 bags were given out last year. Rob, kd8azq then briefly ran down the list of who is doing what for the show. He did say that he is trying very hard to get Nancy from FISTS to come to our show. Dean, kb8mg asked if it could be possible to have our new trailer inside? Rob, kd8azq told Dean, kb8mg that if he can design a place for it to go, it will be there. Rob, kd8azq said that as of this writing we still need back door security, overnight security and table counting for setup and tare down. More of these openings will be talked about at upcoming meetings.

**Rules & Regs:** At this point in the meeting Rick, kk8o our Official Observer talked briefly about keeping our conversations clean on the repeaters. He also reminded us of the responsibilities that control operators have and how they can be held partially responsible if things become unacceptable on the repeaters.

**After meeting programs:** Rob, kd8azq also said that if there is anyone who would like to help him put together after meeting presentations, the help would be very much appreciated. He says that he runs out of ideas relatively easily. If anyone knows of someone who might be interested, please have them contact him.

At this time, Cathy, kc8snp made a motion to adjourn the meeting and Mike, w8emt seconded, motion passed.

Respectfully submitted,  
Mark Dailey  
Kc8mkl

---

## "AIRWAVES"

by David Spain (KC8GNU)

If you ever have a chance to sit down and talk about the Inter City Amateur Radio Club (IARC) or MASER with Scott Yonally (N8SY), be sure and do it. Aside from holding elected office in both organizations, Scott had a unique position in the two groups that let him keep track of the goings-on in both of them. He was the first editor/publisher of what we know as the "Airwaves" newsletter, and he held that post off and on for over fifteen years. It seems appropriate in this, our radio club's 75<sup>th</sup>

anniversary year, to say a few words about "Airwaves".

Actually, and according to Scott, a Mansfield area ham radio newsletter of sorts has been around since the early 1950's, when an operator named Ed "Doc" Fensch (W8SOU) used to mail out the monthly IARC meeting notice post cards that he printed on a "ditto" machine. When "Doc" would go on vacation, some ham radio guys who worked at Therm-O-Disc, namely Scott's brother Gary (WA8BIW), Rich Ruth (WB8UYY) and Norm Nelson (WB8WRS), would write up a two-to-four page meeting notice/newsletter, and Gary would get it printed and mailed out to the IARC members.

So how did Scott, who has his "Extra" ticket, get into the ham radio club newsletter crowd? Well, first of all, it was Gary Yonally, now a SK, who encouraged Scott to take up ham radio, and Scott got his Novice ticket in January of 1979. Then, like so many things that have taken root and enhanced amateur radio in the Mansfield area, it goes back to Jack Weeks (K8RT).

Back in 1981, Jack was the President of MASER, and I was the Vice-President. He called me, and asked me to stop by his shop at Hoover Instrument's out on Home Road", Scott explained. "Well, I went out there, and Jack had an idea for a club newsletter". Actually, at the time, Jack was the President of the Ohio Repeater Council, and that organization had a newsletter, which inspired him to put one together for MASER.

Jack and I later worked a few evenings on our first edition of the newsletter, printed it up there at his shop, and we mailed it out" Scott added. "Jack handed the project over to me, and I became the editor. In those first few years, I typed it all up on a Remington typewriter".

Scott was working at Hi-Stat Manufacturing in Lexington at the time, and a co-worker, John Stone, who worked in the Engineering Department, and wasn't a ham radio guy, happened to come up with the name "Airwaves" for the newsletter. "It was a great suggestion, and I went with it right away", Scott said.

In 1984, Peggy Boyle and Pat Harris (N8EBK) took over the editorship of "Airwaves", and then it went to Bob Swope (NQ8W) in 1985, who published the newsletter until 1986. "Bob and I grew up together in Ashland, he was moving back there, so when he asked me to take back the responsibility for "Airwaves", I said "okay", Scott commented.

Since it's beginnings, "Airwaves" has always been a monthly publication, and there is newsletter competition among ham radio clubs, up to and including, the national level. With Scott Yonally at the helm, and his eventual use of computer and word processing technology, with colorful graphics and photos, "Airwaves" won several awards for layout and content, including a second place and six honorable mentions.

Over the years, there have been many contributing "Airwaves" writer's like Phil Ackerman (N8PA), who, as President of the IARC, wrote a regular column, as does current President Ron Muth (KD8AZQ), Pat Roberston (N8JOZ), whose "Trivia" column ran for a number of years, and Danny Bailey (KB8STK), who contributes his monthly and informative ARES column. Of special interest is the new "XYL Speak Out" column, co-written by Melanie Ruth (KD8CWI) and Jennine Stickler (KD8CWF), and Jay Bookwalter's (KC8GNL) "Skywarn" updates. Scott wrote his own informative "Editor's Corner" column.

It was Phil Ackerman who, knowing my interest in writing, paved the way for me to send some articles to Scott for possible publication in "Airwaves", and I'm sure glad Phil did it. **In the IARC, everyone can have a niche to contribute to the cause.**

Jay Bookwalter, the current editor of "Airwaves" does the proofreading, graphics and layout work, and Phil Nichols (KD8FGV) is the website posting technician. According to Jay and Phil, statistics show that the newsletter is read on average about 480 times a month.

Scott Yonally once said, "I feel really lucky to have had two "Elmers" in my ham life. The first one inspired me to become a ham, my brother Gary, and the second, Joe Phillips (K8QOE), inspired me to become the best newsletter editor/publisher that I could be". Joe is from Fairfield, Ohio, and he is the ARRL's Ohio Section leader in the Great Lakes Division, and for eight years Scott was the Public Information Coordinator for all of Ohio, as well as the editor/publisher of "Airwaves" for more than 15 years. "I guided and assisted all of the various radio club's Public Information Officers in the Ohio

Section, and helped many radio clubs to produce quality newsletters", Scott explained.

In tribute to Scott's newsletter endeavors, and that of Peggy Boyle, Pat Harris, Bob Swope, and Phil Nichols, and the followup and continual improvement guided by Jay Bookwalter, "Airwaves" is alive and well, as is our radio club in its 75<sup>th</sup> anniversary year.

"7-3" from David Spain (KC8GNU)

---

# XYL SPEAK OUT

## *" November - Thanks and Our Veterans"*

November is the time to consider all the things we have to be thankful for, including our Veterans who risk their very lives in order for us to live freely and enjoy the privileges of being an American. Thank you, Vets, for all your sacrifices.

Hello again to everyone!

Thank you all so much for reading our column. We hope you enjoy it!

November, wow! October was a fun month! We participated in quite a few events! We had several Halloween parades, the fall -N- leaf bike ride, a fox hunt, and probably more events that I can't remember! A very big thanks to everyone who participated! I think everyone had fun, at least I know I did!

Having said that, now back to November...a wonderful time of thanking, caring, and sharing. Oh and of course food, (if you live in my family) lots of food!! And since that is the case, I have put a few recipes at the end of the column.

It hardly seems like  $\frac{3}{4}$  of the year has past. When I look back over the past, the meetings, picnics, the events, wow, a lot of work has been done! I know I have seen a big change in the club in just the short time I have been a member! Again, I know I keep saying this, but it's been a blessing meeting so many people as nice as all of you! I think we need to pat ourselves on the back for being such a friendly and caring club. I know that's going to be one of my Big thanks for the Thanksgiving Holiday. Just remember, it's a time to be with friends and family, so try to mend a relationship, call a friend that lives alone, or donate to a good charity. You only live once, try and make it the best life you can.

Ok, now that I am off my pedestal, I will remind everyone that December is only a little ways away. Remember the next meeting is the peel and stick meeting with coneys!! If you haven't been to one, at least try to make it to this one, I think you will enjoy it!! Also we donated toys last year to Toy Time, I am not sure if we are this year or not, but keep

watching the web page ([WWW.IARC.WS](http://WWW.IARC.WS)) to see so you can bring one to the next meeting if we are! There's probably a lot more I need to announce, but I can't remember anything more, so make sure you check the web page for any announcements!!

- **Violet Update** – We have a brief update from Melody Hensel ([KB8UTU](http://KB8UTU)) regarding the violet she won at last year's September picnic. It was an enormous responsibility for Mel but she stepped up to the task. Thanks for the nice email, Mel. Here is an excerpt from her email:

By the way the violet is still alive...no blooms at the moment but hey...it's still with us!

So, if you think we should have a drawing for a prize again at next year's picnic, send us a note, give us a call, or hail us on the radio. Give us your thoughts about what kind of prize you would be interested in winning.

- **Feedback** – We also received a nice email from Lisa Stevens this month ([W8EMT'sXYL](http://W8EMT'sXYL)). She is willing to donate time or whatever and we certainly appreciate that. – Hope she is free in February so she can help us hand out "goody bags" at the Mansfield Hamfest. Ladies if you have any suggestions for donated items we could include in the goody bags we would be most appreciative. We just want some small items so the Ladies can enjoy some of the experience of Hamfest as well as the men.

Below are a couple of very easy and tasty recipes. They have to be easy, otherwise I wouldn't make them! I really hope you all enjoy them and they become just as much of a tradition at your house as they are at mine!

We are so very thankful for all of our friends in or associated with the radio club. A very big Happy Thanksgiving to you and all your family! May God Bless you and keep you all safe.

73 & 88  
Meli KD8CWI  
Jeannine KD8CWF

### Corn Casserole

1 can of creamed corn  
1 can of corn **drained**  
1 box of corn muffin mix  
1 stick of butter or margarine cut up  
1 cup (8 oz.) sour cream  
Salt and pepper to taste

Preheat oven to 350 degrees. Mix all ingredients together (by hand or by mixer). Butter or use non-stick spray on a 9x13 baking pan. Pour mixture into pan and place in oven to bake for 1 hour and 20 minutes or until golden brown.

## Cherry Delight

2 cups graham cracker crumbs

Mix together and press firmly into a 9x13 pan, or 2 round pie pans. I just use the already made graham cracker pie crusts from the store.

1 stick of margarine, melted

1 pkg. cream cheese softened

Mix these ingredients together in mixer until very smooth and whipped texture. Spread mixture over graham cracker crust.

1 small container of Cool Whip

1 cup powdered sugar

1 Large can of cherry pie filling

Spread cherry pie filling (or any other kind of pie filling) over top of cream cheese mixture. Refrigerate for 1 hr. before serving.

- **Recipe** – Thanks again to Patty Earnest ([KD8FNO](#) – who just received her General License- Congratulations!!) for another easy recipe.

Here is how she makes "[Chicken and Dumplings](#)":

For a 9 x 9 pan use 1 can of Biscuits

For a 9 x 13 pan use 2 cans of Biscuits

1-2 cans cream of chicken soup

1 Large can Chunky Chicken

Spray your pan with Pam cooking spray and lay out your biscuits and cook them according to the directions on the can. Put them in the oven. While it's cooking, cook your Cream of Chicken and Chunky Chicken in a saucepan on the stove top. Add ½ a can of water or milk. When the biscuits are done, do not turn off the oven. Pour your cream of chicken mixture over the biscuits and cover it evenly. Put it back in the oven for 10 to 15 minutes and serve with mashed potatoes or whatever sounds good.

- Email submissions or comments to: [jsbestact@aol.com](mailto:jsbestact@aol.com) ([KD8CWF](#)) or [luckyemt@hotmail.com](mailto:luckyemt@hotmail.com) ([KD8CWI](#)).

PLEASE TELL US WHAT YOU THINK ABOUT THIS COLUMN. IT'S THE ONLY WAY WE CAN GROW AND IMPROVE.

---

## From the VEC

The only thing for right now to report is that our next ARRL/VEC test session will be next year.

Jan.17, 2009

Richard , n8cjs is our contact person.

Next month I will be giving 2009 test sessions for the year.

Have a wonderful and safe Holiday's to all.

Pat, N8EBK

---

## From The ARES® Emergency Coordinator

Well another fall and winter season is upon us and Brrr Already. I am again going to be looking for Operators with Four wheel Drive for our Angels In Four Wheel Drives to assist the County EMA, 911 and Medcentral Hospitals to pick up Employees during extreme Winter Weather Conditions. This is totally Volunteering your time and Four Wheel Drive to Assist. This year if you assist Medcentral you will have to keep track of your mileage and time of each pick up. So if interested please email me at [kb8stk@hotmail.com](mailto:kb8stk@hotmail.com) or Phone [567 220 1042](tel:5672201042) with your info also By radio when you hear me.

73

Danny Bailey KB8STK  
Richland County Emergency Coordinator

---

### "IARC REPEATERS - PART 2"

by David Spain (KC8GNU)

Bill Reese (W8WER) is the IARC Trustee for the UHF ".70" (70 Centimeter Band) machine, which is located at the privately owned VASU Electronic's tower on Scenic Drive. The Drive runs east off of South Main Street just beyond the old Possum Run golf course. The club uses a VASU antenna, which is 340 feet up on the tower.

Bill has been a ham radio operator since 1976, has his "Extra" ticket, and also serves on the club's Technical Committee (repeater operation and maintenance etc.) with Henry Koenig (W8DQ), Dick Hensel (N8WLC), and Dave Weingold (N8DPW). "We do the maintenance for all four repeaters", Bill explained, "and Dave and I spend the most time doing it. If you get too many people in the repeater area, we get in each other's way. Usually it's not too much time, but we have been having trouble with the ".940" and the ".360" machines. It can be about 20 hours a month or so".

According to John Young (N8JY), a well respected ham radio operator, who now lives in Youngstown, the .70 machine was originally on a 60' tower at Jack Weeks (K8RT) house in Woodland. "We put it in service around 1976, it was a very old transmitter, and it was a beast to keep working. We spent a lot of time at the old Servex store getting new tubes for it" John said.

John was on the Technical Committee for almost 20 years, and he told me how the Committee upgraded the .70 machine to a newer Motorola model that Henry Koenig acquired, and then John built the controller for it.

John, who got his Novice ticket in 1974, and later his "Extra", said that around 1983-84, the .70 machine was moved to Mansfield Christian School on Logan Road when WVMC, the school's radio station, went on the air. "I helped them set up the station, and WVNO had donated a tower, so, when we were putting it up, I asked a school official if we could move our MASER repeater over to their place. The school said "yes", and a group of us moved it", John said.

John mentioned other local operator's who served on the Technical Committee with him over the years, among them are Harry Fritchen (K8HF), Bob Miller (K8RFM), John Ness (K8NJ), Bob McPherson (W8EKX), now a SK, and Chuck Wood (WA8KKN).

Part 3 in our "Repeater" series will be in next months newsletter.

"7-3" David Spain (KC8GNU"

---

## STEVE KATZ, N8WL, WILL HEAD OHIO'S PRB-1 EFFORT

Ohio's effort to write national PRB-1 type tower protection into state law will get a new project manager to organize the Ohio Section effort in the 2009 General Assembly.

Ohio State Government Liaison, Nick Pittner, WB8TMF, has appointed Steve Katz, N8WL, of Granville as Project Manager. Steve has a strong record of service to the Ohio Section first in ARES, currently serving as District Emergency Coordinator for the 7th District, and in governmental oversight as Local Government Liaison for Licking County.

Steve plans to continue his current ARES activities as well as heading the PRB-1 effort.

Complete details will be found in the SGL Column on Page Six of the current issue of the Ohio Section Journal - due to be mailed next week to Ohio subscribers. The OSJ, when published, will also be in the Ohio Section Web Site - [www.arrlohio.org](http://www.arrlohio.org).

The PRB-1 bill has been known as Ohio House Bill 563 but it will be reintroduced in January now that Ohio voters elected a new Ohio General Assembly at November 4th election. At that time, it may get a new number.

ARRL Ohio Section

Section Manager: Joseph J. Phillips, K8QOE

k8qoe@arrl.org

---

---