



# THE Q-FIVER

K8SCH



OFFICIAL NEWSLETTER OF THE OH-KY-IN AMATEUR RADIO SOCIETY, INC.  
PUBLISHED MONTHLY AT CINCINNATI, OHIO

Our 48<sup>th</sup> Year of Service to Cincinnati in Amateur Radio  
A Special Service Club of the American Radio Relay League  
(the national association for Amateur Radio)

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<http://www.ohkyin.org>

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Regular monthly meetings are held the first Tuesday of each month at 7:30 PM local time at Salem Presbyterian Church (corner Mozart & Higbee) behind the Harrison-Boudinot White Castle, in Westwood-Cheviot. Visitors are ALWAYS welcome!

**For membership information, contact**

Nathan Ciufu KA3MTT, 6323 Cinnamon Ridge Dr, Burlington KY 41005, 859=586-2435,  
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*The Q-FIVER* is the official newsletter of OH-KY-IN ARS, edited & published monthly by the following amateurs:

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Please send submissions for *The Q-FIVER* (including notice of upgrades & call sign changes) to Ye Ed Susie N8CGM. These may be:

- mailed to or dropped off at 6351 Daleview Rd Cinti OH 45247
- telephoned to 513=385-5201 any time (answerer takes up to 4 min dictation)
- e-mailed to [n8cgm@arrl.net]

# THE Q-FIVER

(kyoo fye ver) Q: A scale of amateur radio signal readability progressing from 1 (unreadable) to 5 (perfectly readable).  
“You’re Q5” = “Your signal is perfectly readable.” (*ARRL Handbook*, 52d ed. 1975)

## *November 2006 Volume 48 Number 11*

### **From the President**

Well, the fall is here and winter fast approaching. That usually means contest time is starting, so please get on the air! Try a contest – join in on one from the club, or go for that big score!

Sweepstakes is coming up the third weekend in November, and I really look forward to the club having a great score. Sign-up sheets will be at the next club meeting -- so, come on over and operate!

Nominations for club officers is also near -- nominations will close at the November meeting and elections will take place in December. Please consider carefully if you are asked to serve -- the club is nothing without the continued support of its members -- please don't be shy! Also, please **do not** nominate anyone without **asking** them first.

November will also be homebrew night, so let's see what you all have been working on -- great time to showcase ideas and things you might have built. Remember, it does not have to be finished, or even work -- just come and tell us about it! Hope to see you there!

73, *Brian K4BRI*

### **Next meeting**

The next club meeting of the OH-KY-IN Amateur Radio Society will be Homebrew Night! Bring in items you've built to show off! That club meeting will take place **Tuesday, November 7, 2006** (starting at 7:30 PM) at the Salem Presbyterian Church, located at the corner of Mozart and Higbee in Westwood.

To get to the meeting from downtown Cincinnati, go north west on Glenway Ave. to Boudinot Ave. (approximately 4 miles; at Walt Sweeney Ford on right). Turn slight right on to Boudinot. After approximately 1 ½ miles turn left on to Mozart (before the White Castle). The church is on the right. Please go up the steps to what is usually the classroom – this is also Election Day

and the room in which we usually meet is one of the official polling locations.

More info can be found at: <http://www.ohkyin.org>. Visitors always welcome!

73, Dale KC8HQS

### **Minutes of members' meeting, Tuesday, October 3, 2006**

Brian K4BRI called meeting to order with the Pledge of Allegiance and self-introductions. There were about 35 members present. Guests were the speakers, Gary KI4LA and John NB4K. No upgrades or new licensees. Health and welfare: John W9JRV is reported feeling under the weather. It is Dale KC8HQS's birthday. Brag session: Dick WB4SUV and Bob WA6EZV are back from the ARDF championships in Bulgaria. Team USA took a medal. Susie N8CGM has won the section newsletter contest (again), this time for the *Buckeye Belles Burr*. DXpedition: Event coordinator Eric N8YC reported 2501 contacts; 89 CW, 2333 without dupes. Brian K4BRI was worked from Bulgaria. Dale KC8HQS then introduced League officials Gary KI4LA and John NB4K for the ARRL Night program. Joe K8QOE is visiting kinfolk on the east coast. Gary KI4LA, ARRL Assistant Division Director, began by saying there was a big spread in *QST* about the flood help in Kentucky. Unfortunately, 11 people were killed in the flooding. Also one of the Michigan ARES people received a presidential commendation for his work (directly from the hands of W himself). Frank Piper KI8GW has been appointed the new SEC, and is able. Jim K8JE is still on the mend from back surgery, which is why he's not here. BPL is not progressing particularly well – BPL is not the problem, interference is. (Duke does cheap installations.) The local RFI committee is a model organization. John NB4K announced that he will not run for KY Section Manager again – there are health concerns. The fellow who was SM before him could be again, and is unfortunately not the best choice there could be. The SM post actually needs someone who is retired, there's so much to do. Kentucky now has the first full statewide VHF digital system. All traffic is now moving either via CW or digital. Back to Gary again: ARRL VP Kay Craigie N3KN is heading a task force on Hurricane Katrina. Noted DXer Bob Check W8GC will be in charge of the 3d iteration of the Great Lakes Convention, September 22, 2007. ARRL President Joel Harrison W5ZN will be there. This will be in conjunction with the September 23 Cleveland Hamfest, at the Embassy Suites in Cleveland. Room rates will start at \$89. Dick WB4SUV and Bob WA6EZV will speak again (ARDF is always impressive). Program concluded at 8:13 PM. Dale KC8HQS announced that next month's program will be Homebrew. Meeting will be upstairs, due to meeting room being a regular polling place. Business meeting started at 8:32 PM. Brian K4BRI thanked Dale KC8HQS for handling hospitality and reminded those present that he has split-the-pot tickets for sale. Susie N8CGM said she hoped everyone had a chance to read the minutes and requested additions, corrections or a motion to approve as printed. Dick WB4SUV so moved, Tom NG8A second, motion carried. Nathan KA3MTT reported that we now have 123 members. He is revising the 2007 application and wishes to get a listing of new hams in the area. John NB8K said Joe K8QOE can provide him with that information if he requests it.

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and accessories**

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**email: [kc8hqs@fuse.net](mailto:kc8hqs@fuse.net)**

Rick KD4PYR distributed copies of the treasurer's report for review. He paid the liability insurance this time, it was \$6 less. A CD matures this month, he will roll it into a new short one. Actual net income is -\$2401.23. With no Hamfest there was \$3600 we didn't get, but also \$2800 in expense we didn't incur.

Bruce N8BV report no Silent Keys this month; something to be grateful for.

Brian K4BRI reported that the Technical Committee is working on a date for the .625 climb. In the meantime .625 operates from his house. There are issues with the north remote and with .67, .925 is nominal. Technical Committee will meet next Tuesday at .67. EchoLink is up and down; Bob WA6EZV has a new computer from work for it.

Classes: Ev KC8JR reported 5 Technician students, 2 General, 1 code and 1 Extra. Even with the new book matters seem to be working out OK.

Dick WB4SUV reported for the fox hunt that there was none last month with everyone out of town. There will be one October 14 with Phil KG8AP as the fox.

DXpedition coordinator Eric N8YC asked those who went on the DXpedition to please stand, 7 did.

Dennis KB8ROA also went. 2501 contacts may be a K8SCH record. The trip was 1186 miles one way, with 8 guys in 2 SUVs. They arrived Saturday, set up Sunday at Lynn WD8JAW's daughter's house, made 700 contacts Monday. Brian K4BRI won the how-many-QSOs bet with 2300, which was very close without dupes. The final contact was made on the last fumes of generator gas. Gerry KD8ASL had never been on one of these before. Lynn WD8JAW had to sit on the library steps to make an Internet connection. One went on the trip with a cold, 4 returned with one. Standard procedure was one operator and one logger on for 2 hours. Operating times were 8 AM-8 PM due to neighbors' complaints about generator noise. Bob WB8JHT said the bands switched back and forth often; there was a lot of 5w activity from Europe. Lynn WD8JAW said they were careful to repeat all calls and tried to be polite. Must have worked, the audience

stuck with them. One note: they did work I2GOD in Rome. Eric said there will be attempts to do these on a more regular basis.

Librarian Jim KC8PRY had 4 more magazines available.

Bruce N8BV announced that Tech Talk will be on .925 tomorrow.

Pete KC8BZM reported for the liaisons that ARPSC will meet this Friday, when the draw for the radio will be. QCEN will be October 20.

Dale KC8HQS reported for the website that there is a location to help folks renew their licenses, also a trial test they can take. Rick KD4PYR suggested checking the ARRL website for a check list. John NB4K suggested directions to the meeting as a standard item on the website.

Old business: Golf outing will be October 15 at Lassing Pointe in Union KY. One need not be a good golfer. Nathan KA3MTT invited the ARRL representatives to this. Lunch will be provided after a good time; first tee time is 8:26 AM. \$51 a round to play.

New business: Sweeps will be November 18 and 19, 4 PM – 4 PM. 2-hour shifts are planned, sign-up sheet to circulate at next meeting. This will be at Brian K4BRI's. He will likely work CW 2 weeks earlier, solo. The nominating committee needs to meet and get to work. If there's no support, we may as well quit and go home. Open nominations from the floor next meeting; get nominee's permission in advance, no surprises please!

Phil KG8AP announced a Hamfest meeting October 17 at 7:30 PM at Carol WA8YL's.

Gary KI4LA is president of the Behringer-Crawford Museum in Devou Park, which now has a World War II exhibit in progress. Denny Lampe N8DL has set up a bomber radio position. There is also a 16-ton MSA1 Stewart tank there – come see!

Member's incentive of \$20 would have gone to Matt AA9YH, who was not present. Amount will be \$25 next time.

Amount of split-the-pot was not noted. Whatever it was, Bob WA6EZV won the money. Fred K9OHE won the secondary prize of an alarm clock.

All business concluded, Phil KG8AP moved for adjournment at 9:07 PM, seconded by Tom NG8A.

Motion carried.

Respectfully submitted, *Susie Scott N8CGM*, Recording Secretary

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Thank you to everyone involved in the **2d Annual OH-KY-IN Golf Outing!** After standing around for what felt like eternity waiting for the frost to get off the greens, we finally were able to start almost 2 hours late.

The winning foursome consisted of: Phil KG8AP, Russ WB8ZCC, Bob WA6EZV, and Nathan KA3MTT.

The winner of the Long-Drive contest was Dana WA8M.

The winner of the Closest to the Pin contest was Lynn WD8JAW.

And the keeper of the Heinz Pickle Putter this year is Russ WB8ZCC !

Thank you to Bob WA6EZV and Phil KG8AP for donating prizes for the event!

We had 2 new golfers with us this year: Brian KC8FJN and Phil KG8AP. Both played as well as Tiger Woods!

Last, but certainly not least, I would like to thank my XYL Nicole for a wonderful feast afterwards, which consisted of salad, ravioli, homemade sauce, garlic bread, and dessert. You put a ton of time into it and I thank you very much!

Here's the list of players:

Phil KG8AP    Bob WA6EZV    Brian KC8FJN    Brian K4BRI    Russ WB8ZCC    Dana WA8M

Lynn WD8JAW Eric N8YC Dennis KB8JVK Ev KC8JR Nathan KA3MTT  
Thanks to everyone involved and let's get some more for the 3d OH-KY-IN Golf Outing next year!  
73, *Nathan KA3MTT*

## Contests

## November 2006

- 4-6 ARRL November Sweepstakes, CW; NA Collegiate ARC Championship, CW; KY QSO Party, CW & Phone; High Speed Club CW Contest; IPA Contest, Phone & CW; Ukrainian DX Contest, CW, SSB & RTTY; DARC 10 Meter Digital "Corona", RTTY, AMTOR, PACTOR, PSK31 & Clover; Radio Club of America QSO Party, SSB & AM
- 11-13 ARRL EME Contest; Japan International DX Contest; Worked All Europe DX Contest (WAEDC), RTTY; OK & OM DX Contest, CW; CQ WE (Western Electric), CW, Phone & Digital
- 18-20 ARRL November Sweepstakes, Phone; NA Collegiate ARC Championship, Phone; LZ DX Contest, CW & SSB; RSGB 1.8MHz Contest, CW
- 25-26 CQ WW DX Contest, CW

Sweeps!! What more could a contester ask for? How about CQ WW CW, Ukraine DX,... For more information see *QST*, *CQ*, or <http://www.arrl.org/contests/>  
73, *Dan KF4AV*

## Weaver's words by *Jim Weaver K8JE*, Director Gt Lakes Div ARRL

### SUGGESTIONS FOR NEW GENTLEMEN'S AGREEMENTS

In the last issue of my Words, I encouraged anyone wishing to contribute to the development of new band plans to read the item about this on *ARRL.org* and submit their comments. I obviously failed to state the situation clearly. The band plans I mentioned that are being developed will become the new, voluntary, "gentlemen's agreements" we amateurs follow to help us use FCC-defined bands effectively and fairly. These agreements are in addition to the legal regulations established by the FCC.

The topic of which requirements the FCC should or shouldn't have established is closed. It became a closed topic with the close of the comment period for the NPRM that lead to the Report & Order earlier this month. Like it or not, the topic of how our bands are divided by regulation into segments for CW, SSB, and some other modes has been engraved in stone unless the Commission finds a clerical error in the published *Report & Order*.

If you have suggestions on where DX windows, weak signal operation, QRP operation and other courtesy operating features should be placed on the new bands, send your suggestions to [bandplan@www.arrl.org](mailto:bandplan@www.arrl.org). Please also address how the new rules will affect current operating activities on 80, 40 and 15 meters (see the current ARRL band plans, <http://www.arrl.org/FandES/field/regulations/bandplan.html>, and an ARRL FAQ, <http://www.arrl.org/announce/regulatory/wt04-140/faq.html>, which includes a chart showing the band changes).

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Comments are needed by October 31.

OOPS!

I don't like to make mistakes, but I do. When I make them, I like to "fess up" and correct them. In my special note about the *FCC Report and Order* on amateur restructuring, (*not reprinted here, this for the benefit of those who read them online-- Ye Ed*) I made two goofs. First, the *R&O* becomes effective 30 days (not 60 days) after it is published in the *Federal Register*. Second, when it issues a *R&O* on WTB Docket 05-235, we do not expect the FCC to drop code requirements from the Tech license -- there are currently no code requirements to be dropped!

Finally, I made a grammatical error. In attempting to be cute by using an old English work, I said FCC "spaketh." Actually, as one member pointed out, I should have said FCC "spake." I must have set a new record for errors! Mea culpa.

MORSE CODE

Just to reiterate the point, we have absolutely no idea when the FCC will issue a *R&O* about changing Morse code testing requirements. We hope it is very soon.

In their *NPRM* on the code, FCC proposed to drop testing requirements for all license classes. ARRL (with my concurrence) requested the code requirement be maintained for the Extra Class license as part of making it something Extra. We all wait. I certainly hope it does not take FCC nearly as long to issue a *R&O* on the code requirements as it did on the "omnibus" restructuring order it finally released. Incidentally, the restructuring *R&O* was released less than two weeks after ARRL President Joel Harrison W5ZN wrote a blunt letter to the Chairman of the Commission in which he strongly protested the greatly extended inaction of the Wireless bureau.

73, *Jim Weaver K8JE*, Director, Great Lakes Division, ARRL  
5065 Bethany Rd., Mason OH 45040 Tel. 513=459-0142; E-mail [k8je@arrl.org]

**ARRL, the Reason Amateur Radio is! Members, the Reason ARRL is!**

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#### **VE exam opportunities**

**1<sup>st</sup> Saturday each month:** Cincinnati (Hartwell), CRA, at Hartwell Presbyterian Church. Registration 8:30 AM; walk-in only please! All licence classes. Contact: Dale Pritchett KC8HJL, 513=769-0789

**Saturday, Nov 11:** Oh-Ky-In ARS at Salem Presbyterian Church, corner Mozart & Higbee, behind Harrison-Boudinot White Castle. Exams at 12 noon, all licence classes, walk-ins OK. Contact: Brian DeYoung K4BRI, 859=635-3095

**2d Monday each month:** Kentucky (Edgewood), NKARA, at Turkeyfoot Middle School, 3230 Turkey foot Rd. Registration 6 PM. Follow the signs. Pre-registration preferred, walk-ins accepted. Contact: Lyle Hamilton AB8SH, 513=315-4032. Talk-in 147.255

**2d Saturday odd months except July:** Hamilton (Butler Co), Butler Co VHF Assn at Joint Vocational School Communications Ctr, 3603 Hamilton-Middletown Rd (Rt 4). Registration 8:30 AM; walk-ins OK. All licence classes. Contact: Ted Wilson K8TCR, 513=868-7012. Talk-in 146.97

**3d Wednesday even months:** DIAL Radio Club at Rm 110, Johnston Hall, Miami U Middletown. Register 6 PM, exam 7 PM. Walk-ins on space-available basis. Map to exam site and/or NCVEC Form 605 available from [k8cm@arrl.net] for SASE.

Advance registration consists of completed NCVEC Form 605, copies of current licence if any and valid CSCEs and \$14 check payable to DIAL Radio Club. Please include note stating class of licence you wish to

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attempt. Mail advance registrations to: David Williamson KD8W, 5766 Trenton-Franklin Rd, Middletown OH 45042. Pre-registration must arrive at least 2 days before exam. Please include your telephone number on your check. Special exam accommodations must be requested 2 weeks prior to test date. More info: David Williamson KD8W, 513=424-5819.

**In all cases**, tests require 2 IDs (preferably one with photo). Bring with you the original, as well as photocopy of current licence and CSCEs. \$14 is current ARRL/VEC exam fee, exact currency appreciated.

## **ARLB019 FCC releases long-awaited "Omnibus" Amateur Radio Report and Order**

Ending a protracted waiting period, the FCC's Report and Order in the so-called "Omnibus" Amateur Radio proceeding, WT Docket 04-140, was adopted October 4 and released October 10, 2006. In it, the FCC adopted nearly all of the proposed changes in the Notice of Proposed Rulemaking released back in 2004. The FCC has:

- + expanded the phone subbands in the 75 and 40 meter bands;
  - + permitted auxiliary stations to transmit on portions of the 2 meter band;
  - + permitted the use of spread spectrum on 222-225 MHz;
  - + permitted amateurs to retransmit communications from the International Space Station;
  - + permitted amateur licensees to designate a specific Amateur Radio club to receive their call sign *in memoriam*;
  - + prohibited an applicant from filing more than one application for a specific vanity call sign;
  - + eliminated certain restrictions on equipment manufacturers;
  - + permitted Amateur Radio stations in Alaska and surrounding waters more flexibility in providing emergency communications;
  - + clarified that "amateur stations may, at all times and on all frequencies authorized to the control operator, make transmissions necessary to meet essential communication needs and to facilitate relief actions";
  - + deleted the frequency bands and segments specified for RACES stations;
- and
- + deleted the requirement for public announcement of test locations and times.

In addition, the FCC took several other miscellaneous actions.

In "refarming" the frequencies currently authorized to Novice and Technician Plus licensees, the Commission increased the voice segments for General, Advanced and Amateur Extra licensees.

On 75 meters, Generals will be able to use voice from 3800-4000 kHz, an increase of 50 kHz. Advanced class licensees will be able to use voice from 3700-4000, an increase of 75 kHz, and Amateur Extras will be able to use voice from 3600 to 4000 kHz, a generous increase of 150 kHz. On 40 meters, Advanced and Extra Class licensees will be able to use voice from 7125-7300 kHz, an increase of 25 kHz. General class licensees will be able to use voice on 7175-7300 kHz, an increase of 50 kHz.

On 15 meters, General class operators will have phone privileges on 21275-21450 kHz, an increase of 25 kHz.

ARRL President Joel Harrison W5ZN expressed the ARRL's gratitude to the FCC Commissioners in a letter dated October 11: "On behalf of the ARRL and the Commission's licensees in the Amateur Radio Service I want to express appreciation for your release yesterday of the Report and Order in WT Docket 04-140 (FCC 06-149) amending Part 97 of the Commission's Rules. The Commission's action in clearing this pending proceeding will assist the Amateur Radio Service in meeting its objectives, particularly with regard to providing emergency and public service communications."

The changes will go into effect 30 days after the R&O is published in the *Federal Register*.

NNNN/EX

### **HR 5441 New Law for Amateurs**

>From the ARRL website:

NEWINGTON, CT, Oct 4, 2006 -- A section of the Department of Homeland Security (DHS) 2007 Appropriations Act, HR 5441, formally includes Amateur Radio operators as a part of the emergency communications community. Congress approved the measure before adjourning for its pre-election break. President George W. Bush signed the bill into law today.

Amateur Radio is included within the legislation's Subtitle D, Section 671, known as the "21st Century Emergency Communications Act." Radio amateurs are among the entities with which a Regional Emergency Communications Coordination Working Group (RECC Working Group) must coordinate its activities. Included within the DHS's Office of Emergency Communications -- which the measure also creates -- RECC Working Groups attached to each regional DHS office will advise federal and state homeland security officials. House Subcommittee on Homeland Security Chairman Rep Harold Rogers (R-KY) sponsored HR 5441. The final version of the legislation incorporates language from both House and Senate bills and was hammered out in a conference committee.

An earlier version of the 21st Century Emergency Communications Act, HR 5852, sponsored by Rep David G. Reichert (R-WA), included Amateur Radio operators among the members of the RECC Working Groups.

In addition to Amateur Radio operators, RECC Working Groups also will coordinate with communications equipment manufacturers and vendors -- including broadband data service providers, local exchange carriers, local broadcast media, wireless carriers, satellite communications services, cable operators, hospitals, public utility services, emergency evacuation transit services, ambulance services, and representatives from other private sector entities and nongovernmental organizations.

According to the bill, the RECC Working Groups will assess the survivability, sustainability and interoperability of local emergency communication systems to meet the goals of the National Emergency Communications Report. That report would recommend how the US could "accelerate the deployment of interoperable emergency communications nationwide."

RECC Working Groups also will be tasked with ensuring a process to coordinate the establishment of "effective multi-jurisdictional, multi-agency emergency communications networks" that could be brought into play following acts of terrorism, natural disasters and other emergencies.

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At the state and local level, RECC Working Groups will include state officials; local government officials; law enforcement; local fire departments; 911 centers; state emergency managers, homeland security directors or representatives of state administrative agencies; local emergency managers or homeland security directors, and other emergency response providers.

At the federal level, RECC Working Group members will include representatives of the DHS, the FCC and other federal departments and agencies responsible for coordinating interoperable emergency communication with or providing emergency support services to state, local and tribal governments.

In the wake of the bill's passage, the ARRL plans to follow up to determine how it can interact with the DHS and its Office of Emergency Communications.

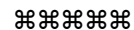
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ARRL Kentucky Section Section Manager: *John D. Meyers NB4K* [nb4k@arrl.org]  
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## Hamfests &c.

## November 2006

Nov 18-19 Indiana State Convention (34<sup>th</sup> Annual Ft Wayne Hamfest and Computer Expo), sponsored by Allen Co AR Technical Society, will be held at the Allen Co War Memorial Coliseum Exposition Ctr, 4000 Parnell Ave at corner of SR 930 (Coliseum Blvd) & Parnell Ave. From I-69 Exit 112 go S to Coliseum Blvd, E to Parnell Ave. Doors open for set-up Fri & Sat morning. Public Sat 9 AM-4 PM, Sun 9 AM-3 PM. Over 900 commercial & flea market tables; new & used radio, computer & general electronics items; vendors; several international ham equipment manufacturers; many forums & meetings; parking \$3. VE sessions in Red Room 9 AM-12 noon Sat, walk-ins OK; enter at main hamfest entrance & look for signs; no admission ticket needed for exam only. Bring copy of license for upgrade, 2 IDs (1 with photo), \$14 exam fee. Talk-in 146.88. Admission \$6, no advance sales, under 12 free with adult. Info: James Boyer KB9IH, 260=489-6700 or 260=450-4869, [kb9ih@arrl.net], [www.fortwaynehamfest.com](http://www.fortwaynehamfest.com)

Nov 25 14<sup>th</sup> Annual Evansville IN Hamfest sponsored by EARS & The Ham Station, at Vanderburgh Co 4-H Fairgrounds Auditorium, 202 E Boonville-New Harmony Rd. Take US 41 to N side of city, 3 mi N of airport, turn W at stoplight onto Boonville-New Harmony Rd (next to Buy-Low Supermarket Shopping Ctr), turn L into Fairgrounds. Pre-Hamfest biscuits & gravy breakfast at 7 AM, hosted by Old Post ARS. Large indoor flea market, free tailgating with admission ticket, weather permitting, commercial vendors. VE sessions (CW exams at 10 AM, written exams at 11; reserve with Bob McIntosh AA9VW, [aa9vw@w9ear.org]). Talk-in: 145.15, 146.925, 443.925, 145.11 (107.2 Hz on all frequencies). Admission \$6 gate. Info: Neil Rapp WB9VPG, 812=333-4116, [wb9vpg@w9ear.org] or [ears@w9ear.org], [w9ear.org/hamfest.htm](http://w9ear.org/hamfest.htm)



NEWINGTON, CT, Oct 17, 2006 -- The ARRL has designated D.E. Dee Logan W1HEO, an ARRL public information officer (PIO) from Mentor, Ohio, as the recipient of the **2006 Philip J. McGan Memorial Silver Antenna Award**. Logan was recognized for demonstrating success in Amateur Radio public relations in the volunteer spirit of the award's namesake, journalist Phil McGan, WA2MBQ (SK). McGan served as the first chairman of the ARRL's **Public Relations Committee** and helped reinvigorate the League's commitment to public relations. ARRL Media and Public Relations Manager Allen Pitts W1AGP

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says Logan topped a very strong field of 2006 award nominees.

"There were many excellent submissions of various types of public relations," Pitts said, "but Dee Logan's project used almost *all* formats in one coordinated activity."

The ARRL's Public Relations Committee, which consists of volunteers knowledgeable about Amateur Radio public relations, made the selection. The ARRL Executive Committee affirmed the choice of Logan earlier this month.

Extending his appreciation to the Public Relations Committee for the recognition, Logan accepted the award "on behalf of those who are working with me on this ambitious project." The PR plan sprang from a concern that Amateur Radio's growth rate is lagging. "This fact motivated some of us in Cleveland and Northeast Ohio to do something about it," he said. "We needed a strategic plan that would be measured by how many new hams we added." Radio clubs had to be a big part of it, Logan said, as were "Elmers" to guide newcomers to Amateur Radio. The result was "The Northeast Ohio Ham Radio Project," a collaborative effort of two Cleveland groups -- The Indian Hills Radio Club and Cleveland Chapter One of the Quarter Century Wireless Association (QCWA).

The plan has four steps: promoting ham radio to a variety of groups, prospecting for candidates, identifying those interested in getting their license, and helping with training. Like links in a chain, each step is critical.

"Needing promotional tools led us to create a new 21-minute video called *Amateur Radio: Wireless Window to the World*, plus large banners, signs and displays and ARRL materials that are available for use by radio clubs," Logan explained. "Our effort now is to encourage radio clubs to use these tools to inform the public about Amateur Radio. "

Logan says the project also is forming an "Elmer Corps" consisting of hams who are willing to respond to public inquiries and assist individuals in getting a license. He concedes that much work remains, especially in the mentoring arena. "But with the active participation of radio clubs, success should be within reach," he said.

Although officially retired, Logan has continued his work on the project. He recently became president of the co-sponsoring Indian Hills Radio Club, and he recently received the QCWA Chapter One W8EFW Memorial Award for meritorious service to Amateur Radio.

When he's not trying to raise the visibility of Amateur Radio on the public's radar, Logan enjoys DXing. His article "Why is Scarborough Reef So Rare?" appeared in the July-August issue of *The DX Magazine*. Also, the fall 2006 *QCWA Journal* published his article "How to reverse the declining growth rate of Amateur Radio; the Chapter One Cleveland Plan."

Pitts points out that the League depends on its public information coordinators (PICs), PIOs and other ARRL public relations volunteers keep Amateur Radio visible in their communities. "Their efforts benefit us all, and without an active outreach such as that shown by Philip McGan and Dee Logan, Amateur Radio groups unfortunately may simply turn inward and die," he said.

Dee is the Ohio Section's third McGan winner -- the most of any section in the United States. Joe Phillips K8QOE, then Ohio Public Information Coordinator and now Section Manager, won in 1995 and Beverly Priest N8VZV, then Public Information Officer of the Dayton Amateur Radio Association (DARA), won in 1997. -- ARRL release

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### **Latest tests of airships as communications platforms**

Companies in California & Arizona are pressing ahead with plans to launch airships capable of providing high speed broadband & cellular service to huge swaths of the nation, including hard to reach unserved areas, such as the bottom of the Grand Canyon. Edwards Air Force Base figures prominently as a launch site in testing plans.

*The Q-Fiver, Oh-Ky-In ARS, November 2006 page 12*

Sanswire Networks LLC, based in Palmdale, California, is building a prototype airship designed to operate at an altitude of 65,000 feet, while Space Data of Arizona will test the concept of using technology laden weather balloons, also at a high altitude.

The advantage of earth based towers is that frequencies can be reused, as VHF & higher signals rapidly attenuate once they hit the radio horizon, meaning a given set of frequencies in market A can be reused in market B. That luxury will not be extended to super high elevated communications platforms, meaning spectrum assignments for those birds are going to be tricky. (CGC)

#### **Variance diffraction gratings may enhance TV's color range**

Researchers in Switzerland are developing a new nano technology they claim will double the range of colors that future TVs can produce, displaying every hue the human eye can see. The technology, relying on millions of mini variable diffraction gratings, is still in its infancy & will take years to perfect. (CGC)

#### **Senate approves wireless emergency alert system**

In a memorandum passed on Sept 12, the Senate included language from a Commerce Committee approved bill to establish the Warning, Alert & Resource Network, or WARN.

This will be a national system of public safety alerts to include a variety of communications technologies, including wireless devices, cellular phones, Blackberries, the Internet, digital & analog cable television, satellite television & terrestrial radio, as well as non-traditional means, such as sirens, are among the numerous public alerting systems available.

The legislation requires that alerts provide individuals with instructions about what to do in response to a threat. WARN would also establish a grant to help remote communities install sirens & other devices in areas where the telecommunications infrastructure is insufficient.

#### **FCC seeks engineers in training**

The FCC seeks applications from engineering school graduates with strong academic credentials, an interest in communications engineering & IP network knowledge for its Engineer-in-Training Program, to be held during the 2006-7 fiscal year.

The FCC will recruit engineering school graduates to the Commission & provide training in the field of communications. Engineers hired as part of the program will fill positions at FCC HQ in Washington DC, the agency's facility at Gettysburg PA or one of their field offices.

Applicants must specify locations for which they wish to be considered. More information on this subject at [www.fcc.gov](http://www.fcc.gov). (RW)

#### **Single molecule transistor**

University of Arizona physicists discovered how to turn a single molecule into working transistors & have applied for a patent for their device, called the Quantum Interference Effect Transistor. Nicknamed "QuIE". *Technology Report* says the University of Arizona physicists propose making transistors as small as a single nanometer or one-billionth of a meter. They say this is likely the breakthrough needed to make the next generation of tiny, powerful computers that nano-technologists could only dream of a few years ago. (MEH Release)

-- all of these from *QRM*, Tusco ARC newsletter, Oct 2006

## What's coming in November

- Wed Nov 1 9:00 PM Tech Talk, NCS Carol WA8YL, 146.67 if it's fixed, else 146.925  
Thu Nov 2 7:00 PM Code & theory class at Salem Presbyterian Church, corner Mozart & Higbee, behind Harrison-Boudinot White Castle  
Fri Nov 3 7:30 PM Amateur Radio Public Svc Corps, Hamilton Co Communications Ofc Conference Rm, 2377 Civic Ctr Dr – park in Bd of Educ lot



- Tue Nov 7 ELECTION DAY – please VOTE before you come to the meeting  
7:30 PM Club meeting at Salem Presbyterian Church, corner Mozart & Higbee, behind Harrison-Boudinot White Castle in Westwood-Cheviot  
Program: Homebrew night! Show off items you built!  
Wed Nov 8 9:00 PM Tech Talk, NCS Dale KC8HQS, 146.67 if it's fixed, else 146.925  
Thu Nov 9 7:00 PM Last Code & theory class at Salem Presbyterian Church, corner Mozart & Higbee, behind Harrison-Boudinot White Castle  
Sat Nov 11 10:00 AM Oh-Ky-In monthly fox hunt, hounds start from Mt Storm Park  
12 noon VE exam at Salem Presbyterian Church, corner Mozart & Higbee, behind Harrison-Boudinot White Castle  
Tues Nov 14 7:30 PM Technical Committee meeting if needed, location TBA  
Wed Nov 15 9:00 PM Tech Talk, NCS Dennis KB8ROA, 146.67 if it's fixed, else 146.925



Graphic courtesy of 20/9 Radio Club News, Nov 2006

- Thu Nov 23  
Fri Dec 2 7:30 PM Amateur Radio Public Svc Corps, Hamilton Co Communications Ofc Conference Rm, 2377 Civic Ctr Dr – park in Bd of Educ lot  
Tue Dec 5 7:30 PM Club meeting at Salem Presbyterian Church, corner Mozart & Higbee, behind Harrison-Boudinot White Castle in Westwood-Cheviot  
Program: Election of officers & board for 2007, pizza for members

### ==>ITU TO MARK 100 YEARS OF INTERNATIONAL RADIO REGULATIONS

This year marks the 100th anniversary of what became the International Telecommunication Union (ITU) Radio Regulations, and the ITU will formally celebrate the occasion later this month <<http://www.itu.int/ITU-R/information/promotion/100-years/>>. The first International Radiotelegraph Conference gathered 29 maritime states in Berlin, Germany, in November 1906 to sign the "International Radiotelegraph Convention," establishing the principle of compulsory two-way coast-to-ship radio communication and aimed at making it free from harmful interference. The annex to that convention contained the first regulations governing wireless telegraphy. Since expanded and revised by numerous radio conferences, these regulations now are known as the Radio Regulations of the International Telecommunication Union, or simply as "the Radio Regulations."8< ... big snip *The ARRL Letter* Vol 25 # 42, Oct. 20, 2006

## **OH-KY-IN 2006 Committee Appointments**

Technical Committee Brian DeYoung K4BRI, Chair  
Volunteer Examiners Brian DeYoung K4BRI, Chair  
Membership Nathan Ciufo KA3MTT, Chair  
Education Chair Ev Giglio KC8JR  
PIO Bruce Vanselow N8BV  
*Q-Fiver* Susie Scott N8CGM, Editor

Special Publications Jo Haltermon KD4PYS  
John M Hugentober Sr Memorial CW Proficiency Award  
Brian DeYoung K4BRI, Chair  
WebMeister Dale Vanselow KC8HQ5  
Equipment Mgr Harry Davis WA8LOJ  
TVI/RFI Dick Arnett WB4SUV, Chair  
Tech Talk Net Mgr Bruce Vanselow N8BV  
Silent Key Bruce Vanselow N8BV, Chair  
ARPSC Representative Peter J Feichtner III KC8BZM

QCEN Representative Peter J Feichtner III KC8BZM  
WARN Representative Peter J Feichtner III KC8BZM  
Repeater Control Ops Mgr Bruce Vanselow N8BV  
Librarian James E. Keely KC8PRY  
Field Day Nathan Ciufo KA3MTT, Chair  
Hamfest Coordinator Phil Smith KG8AP  
Slow Scan TV Net Mgr Harry Davis WA8LOJ  
Fox Hunters Co-Chairs Dick Arnett WB4SUV  
Bob Frey WA6EZV  
Robotics Chair Dana Laurie WA8M  
DXpedition Coordinator Eric Neiheisel N8YC  
[n8yc@arrl.net] 513=598-1659

Life Members Kenneth E Wolf N8WYC  
John W Hughes AI4DA

## **News of members and students in recent classes**

**Available:** Cushcraft 10-4CD. Call Bob W8RJK, 513=251-5513

## **Last transmission from the Deer Island ME K8SCH DXpedition, NA-055**

Sat, 30 Sep 2006 11:28:03 -0400

To: oh-ky-in-ars@mailman.qth.net

Greetings,

We went QRT at 10:15 AM and are on our way home from one outstanding time and an extremely successful DXpedition. I am proud to announce the following preliminary tallies:

Total QSO: 2501

Total minus dupes: 2333

Countries: 89

Zones: 29

Total Operating Time: 49.5 hrs

We had a great team and I applaud their outstanding effort. We had fun but now it is time for the LONG trip home. See you all soon

73, *Eric N8YC*

## **Who went, in no particular order:**

Gerry KD8ASL	Pete KC8BZM	Bob WB8JHT	Phil KG8AP
Lynn WD8JAW	Dennis KB8ROA	Brian K4BRI	Eric N8YC

***Copy deadline for December issue is  
Friday, November 17***

*The Q-Fiver, Oh-Ky-In ARS, November 2006 page 15*