



K8SCH



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

THE Q-FIVE

OH-KY-IN Amateur Radio Society Inc.
Our 47th 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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APRS WIDE

144.39 K8SCH-10

Web Pages

www.ohkyin.org
w3.one.net/~bfrey/okidx.html (DX)

Regular monthly meetings are held on the first Tuesday of each month at 7:30 PM local time at the Western Hills Church of Christ, 5064 Sidney Rd. (corner of Sidney & Covedale) in Western Hills, Cincinnati until the June 1, 2005 meeting. After that, meetings will be at Salem Presbyterian Church (corner of Mozart & Higbee) behind the Harrison-Boudinot White Castle, effective July 7, 2005. Visitors are ALWAYS welcome!

For membership information contact

Ken Croll N8ASV 9998 Dick Rd. Harrison OH 45030 513=202-1208

Permission is hereby granted to any amateur radio group to quote or reprint from this publication, provided proper source credit is given.

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 changes) as well as circulation problems & address 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 fi 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)

June 2005 Volume 47 Number 6

NOTICE NOTICE NOTICE

Effective with the July 5, 2005 meeting, Oh-Ky-In club meetings will move to
Salem Presbyterian Church,
corner Mozart and Higbee behind the Harrison-Boudinot White Castle.

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From the President...

Kudos go out to Dale KC8HQS for the excellent program line-up this year - that is a tough job and you are doing a great job, Dale!

Field Day is just around the corner, and OhKyIn always puts on a fine event. Nathan KA3MTT has been doing a great job organizing and getting ready -- but we all need your participation.

Please volunteer a few hours and help make this the best Field Day ever! It doesn't matter what license class you hold, if any - you can help and get on the air. Our Field Day is a great one and it all depends on the time and efforts of you, our club members.

As of this writing, all of the repeaters and remotes are on the air -- yayyyyy! We will continue to work on items like hum, audio quality, ID-ing - ideas, comments, or help as always welcome.

See you at the meeting!

73, *Brian K4BR1*

Next meeting

The next club meeting of the OH-KY-IN Amateur Radio Society will feature Tim Hedrick (or comparable Local12 meteorologist) to talk about Meteorology. That club meeting will take place at 7:30 PM on **Tuesday June 7, 2005** at the Western Hills Church of Christ, located at 5064 Sidney Rd.

To get to the meeting from downtown Cincinnati, go North West on Glenway Ave. to Sidney Road (at the Frisch's Restaurant). Turn left on Sidney and turn right into the parking lot at the next light. Please enter the building through the rear door.

73, *Dale KC8H2S*

Minutes of members' meeting, Tuesday, May 3, 2005

Brian K4BRI called the meeting to order at 7:35 PM with the Pledge of Allegiance. There were about 31 present.

Brag: Dale KC8HQS received a note from Roger W8CRK thanking him for good program presentations. Dale KC8HQS then introduced Jay Slough K4ZLE, who spoke on the 8th District QSL Bureau.

Budget for the 8th Area QSL Bureau is ~\$100/year. Jay said best case for a DX QSL is about a year.

Program concluded at 8:33 PM.

Business meeting convened at 8:47 PM.

Brian K4BRI thanked Emily K4MLE for hospitality.

Pete KC8BZM moved to accept the minutes of last meeting as published in the *Q-Fiver*, Eric N8YC second, motion carried.

Membership is now 133. Some members have trouble accessing the electronic *Q-Fiver*.

Rick KD4PYR presented the treasurer's report. Much is the same in the year-to-date comparison. We are still over budget but didn't lose as much in net income (-\$247.24). Dale KC8HQS sold over \$400 in old club gear on eBay.

Silent Key: Bruce N8BV reported that Mike KR8F, while still present, is divesting his radio gear due to his Lou Gehrig's disease. Some will go to Dayton, a list will be compiled of the rest. Bruce expects to spend 2 more nights at Mike's to compile.

Brian K4BRI reported for the Technical Committee that the problem with .67 is thought to be interference. It's better when the power out is down. Next committee meeting will be next week at .67. Both .925 and .625 are doing reasonably well. Gene N8KOJ asked where .625 is presently; St Elizabeth. Brian hopes to move .625 to the eastern location soon.

Phil KG8AP reported that the Hamfest committee met and reminded those present of the double stub for advance sale tickets.

Brian K4BRI said classes continue toward the exam on May 28. VEs are needed.

Phil KG8AP hid at Lunken for the last fox hunt. This coming weekend will be National Foxhunt Weekend. There will be an ARDF event at Stanbery Park. Our next foxhunt will be May 14, a fox is needed.

Field Day: Nathan KA3MTT passed a sign-up sheet for the 3 regular stations plus VHF/UHF. Bonus points will be different this year. Emily K4MLE will head the youth effort for 100 bonus points for under-18 contacts. Otto AA8KK's son has offered a trailer, one more is still needed. Eric N8YC will be in charge of food.

Jim KC8PRY announced that free *QSTs* are available from the library.

Tech Talk: Bruce N8BV confirmed that the halftime break in Newsline for check-ins is working well.

Pete KC8BZM the liaison reported that ARPSC will present a Level I emergency communications course at the Communications Center from 8-4. The exam will start at 8 AM the following Saturday, for all levels. Meeting is this Friday starting at 7:30 PM.

QCEN offered their thanks for the use of the repeater and personnel for the Flying Pig. 66 hams worked that event. At their meeting this month will be the Cinergy safety show on May 13 at 7:30 PM.

Dale KC8HQS will update the website by tomorrow.


Old business:

Brian K4BRI seeks corrected e-mails for the ones whose *Q-Fiver* notifications bounced.

Search for meeting location: More possibilities have been raised. Additional input is sought for available and centrally located locations.

New business:

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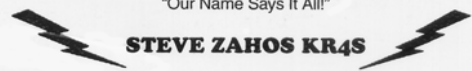


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Pine-oakio
 "The Pinocchio Story...
 as You've Never Seen it Before!"

Bob WB8JHT will conduct a radio demonstration May 20 at Delshire School.

Otto AA8KK announced that the audit report will be given at the next meeting. The committee has found all in order.

Judd N8RVR will pick up gear for Dayton May 18, 6-8 PM, in the church parking lot. Members are urged to sign up to work and fill in property sheets.

Attendance incentive: Howard WD8CAA was not present to receive the award. Next time the amount will be \$35.

Mike Hornsby KC8YOM won \$34 in split-the-pot.

Russ WB8ZCC moved for adjournment at 9:21 PM, John WD8NMV second, motion carried.

Respectfully submitted, *Susie Scott N8CQM*, Recording Secretary

VE exam opportunities

1st Saturday each month: Cincinnati (Hartwell), CRA, at Hartwell Pres. Church. Registration 8:30am; walk-in only!

All licenses classes. Dale Pritchett, KC8HJL at (513) 769 0789

2nd Saturday each month: Hamilton (Butler Co.), Butler Co, VHF Association at Joint Vocational School Communications Center, 3603 Hamilton-Middletown Rd, (RT4). Registration 8:30am; walk-ins OK. All Classes. Ted Wilson, K8TCR (513) 868-7012 Talk-in 146.97

2nd Monday each month: Kentucky (Edgewood) NKARA, at Turkeyfoot Middle School, 3230 Turkeyfoot Rd. Registration 6:00pm. Follow the signs. Pre-registration preferred, walk-ins accepted. John Meyers, NB4K, (859) 472-6690. Talk-in 147.255

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

Contests

June 2005

- 1-5 Summer Six Meter Digital Rally, all digital modes
- 3-7 QRP TAC Sprint Contest ,CW, SSB & PSK31; World Wide Major Six Club Contest, CW & SSB; IARU Region 1 Field Day, CW
- 11-12 Asia-Pacific Sprint SSB; ANARTS WW RTTY & Digital Contest; ARRL June VHF QSO Party; EU EME Contest all mode; Portugal Day Contest, SSB; GACW WWSA CW DX Contest , Argentina
- 18-19 Kid's Day; WV QSO Party, CW & SSB; All-Asian DX Contest, CW; SMIRK QSO Party; Quebec QSO Party, CW, Digital & Phone; EU Islands Contest CW, SSB & RTTY
- 25-26 ARRL Field Day; His Majesty King of Spain Contest, SSB; QRP ARCI Milliwatt Field Day; Marconi Memorial HF Contest CW

Field Day, who could ask for more?? Don't forget Kid's Day. A good chance to interest younger people in ham radio. For more information see *QST*, *CQ*, or <http://www.arrl.org/contests/> 73, *Dan K744U*

Written for the Dial Radio Club Newsletter, Middletown, OH

Update on BPL Cincinnati activity

Last year in March Cinergy Corporation announced a planned big build out of Broad Band Over Power Lines (BPL) for Southwest Ohio. Now 14 months later with the buildout small and not growing, Ed Hare, W1RFI, the ARRL's leading authority on BPL came to Cincinnati to check out interference issues here. On Wednesday, April 20, Ed met with the local BPL/LIC team and Thursday went into the field with three team members to check out the situation. Ron Schuster, N9RC's report of this field report, follows this message.

The big news recently is the proposed sale of Cinergy to Duke Energy Corporation. I have received numerous questions about how Duke will effect BPL here. The only answer right now is that it will be two to three years before any one will know. Duke is in the BPL business using a system which the ARRL finds problems with. But the proposed purchase of Cinergy by Duke set off alarm bells by PUCOs of several states. And the SEC will want to have a chat with Duke and Cinergy leaders. It could be two years before this sale is finalized. And another year then to determine what the sale means as to BPL operations of both companies.

In short, no one will know for at least three years what all this Duke-Cinergy fuss is about. Sorry but that's the way it is.

Now to the visit here by the ARRL, Ed Hare, W1RFI, was happy to meet with 15 team members that Wednesday, April 20th. The next day he went on a fact finding tour with Kirk Swallow, W8QID, Ron Schuster, N9RC, and George Heideleman, K8RRH. Ron's first person account of this is below as I have said.

Ed Hare will soon be sending an action plan for continued monitoring of the local BPL build out. Everyone's messages to me about observations of BPL activity (those Span Pro trucks, the mail messages from Cinergy about BPL, etc.) are very helpful in monitoring BPL activity as small as it is. Keep those cards and letters coming folks.

Joe Phillips K8QOE Ohio SM

From: Ron Schuster, N9RC

Copy: Joe Phillips, K8QOE

I accompanied Ed Hare along with Team Leader Kirk Swallow, W8QID and PE George Heideleman, K8RRH on the Hyde Park BPL survey. Yes it rained but we managed to get all of Ed's survey completed.

Following are my observations.

In summary at this early phase in the Cinergy roll out we did not hear any ham HF interference to mobile type operation. This is a significantly different result than other areas of the country that are employing different technology.

We did a general survey driving and monitoring several areas of Hyde Park to see what the ambient HF interference was. The "Home Plug" technology Cinergy uses notches the ham bands (except 60M) and we did not hear any interference at all in any ham band. We heard an occasional BPL pop or crackle on 10 MHz our monitor frequency.

We spent about an hour outside a cooperative ham's BPL installation in Hyde Park and made several specific tests.

* The BPL network needs high bandwidth traffic like streaming video to produce enough consistent signal to be monitored. Web browsing and email produces minimal spectrum interference. (occasional pops)

* The 30-50 MHz trunk on the medium voltage high lines was measured on a reference dipole and well within FCC specifications.

* Except for 60 M, the ham bands were well notched and no interference was heard down to ambient on any ham band.

* Transmitting 100 watts mobile under the power lines on several bands did not interfere with this single user's BPL.

* Under the power line HF signal levels during high bandwidth use are at times S9 and above and if not notched would be a serious problem.

The above observations could change if Cinergy changes technology or significantly more users come on line. More detailed future observations are planned. I have a couple pictures that I can email (500K).

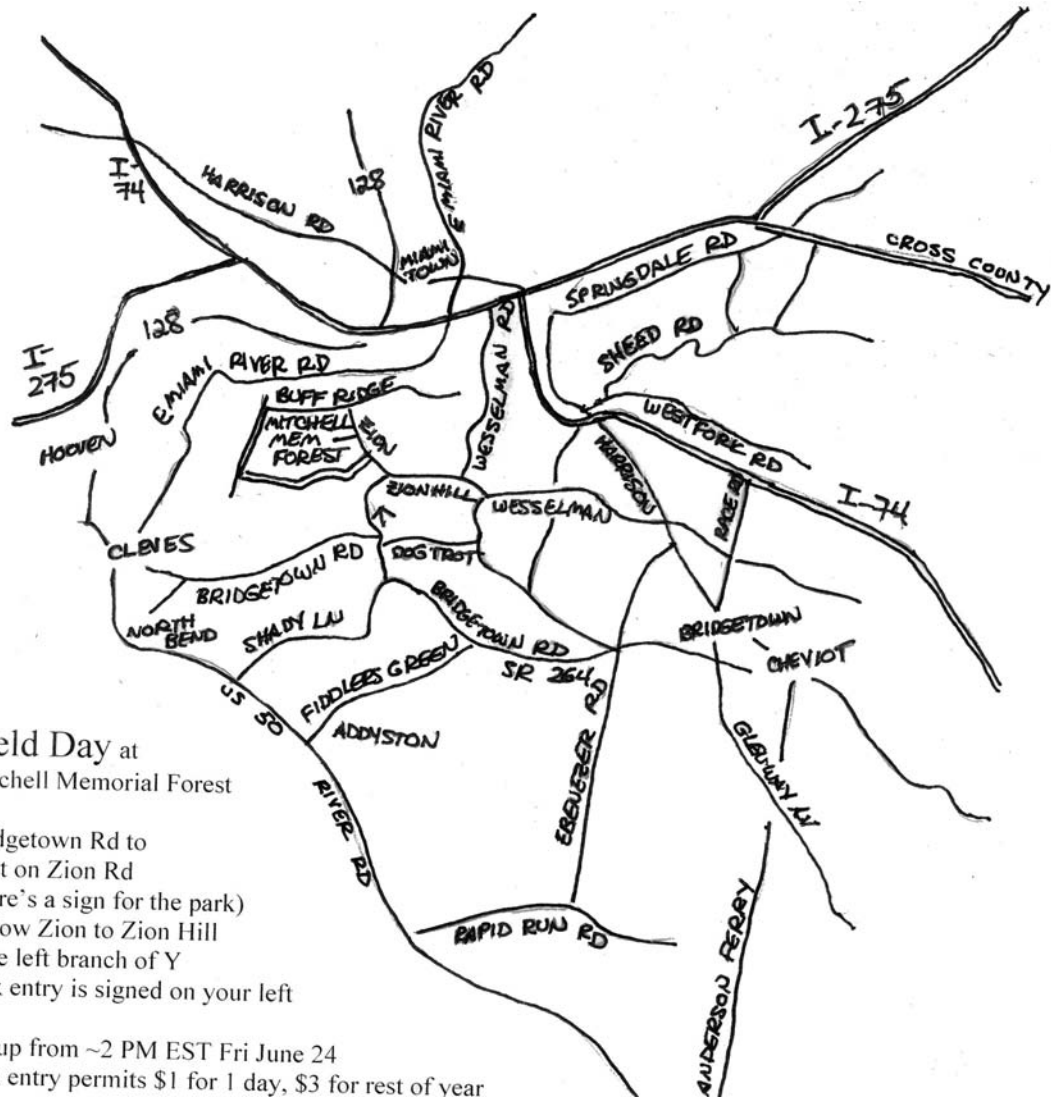
Ron Schuster N9RC Cincinnati, OH

Hamfests &c.

June 2005

Sat., June 4 Independence KY N Ky ARC Ham-o-Rama, 8 AM-2 PM at Summit View Middle School, 5002 Madison Pk (KY SR 17). VE exams 8:30 AM, ARRL forum 10 AM, fox hunt 11 AM. \$5 gate, under 13 free. Inside tables \$10 each, outside flea spaces \$2 each. Food & drinks available. Talk-in 147.255. Info: Robert N8JMV@ARRL.net, (513) 752-7221, <http://www.k4co.org>

Sat., June 18 Milford OH 15th Annual Milford ARC Hamfest, 8 AM-2 PM at Live Oaks Career Development Campus, 5956 Buckwheat Rd. VE exams 9 AM, walk-ins OK; register for fox hunt at 10 AM with Donna KC8KIA. Free tailgating, commercial vendors, hourly door prizes plus grand prize drawing at end. \$5 gate (under 12 free). Inside tables \$5 (Chris KB8SNH, (513) 351-2776 or kb8snh@cs.com). Gate opens 6 AM for set-up. Talk-in 147.345+. I-275 to exit 57, go East on SR 28 2 mi to Buckwheat Rd, turn right, follow to school. Info: Jim WB8RRR, (513) 831-6255 or wb8rrr@arrl.net.



Field Day at
Mitchell Memorial Forest

Bridgetown Rd to
right on Zion Rd
(there's a sign for the park)
Follow Zion to Zion Hill
Take left branch of Y
Park entry is signed on your left

Set-up from ~2 PM EST Fri June 24
Park entry permits \$1 for 1 day, \$3 for rest of year

Come on out and operate! There's still room on the sign-up sheets for folks to work any of the 3 low-band stations there will be (including CW), or VHF/UHF, and time for the Youth to operate for extra points!

Bring your tent and sleeping bags if you'd like to stay over. There will be trailers and tents for the stations to operate from, but you'll want to sleep somewhere other than where operators are hollering "CQ Field Day from K8SCH!"

Eric N8YC is in charge of catering and the picnic, which should be around 6 PM. Please bring a covered dish to share if you wish to participate in this. - *Ye Ed.*

Weaver's words; regulation by bandwidth (sent out May 10)

To kick this newsletter off, let me say that it is mostly related to the still-developing plan by the Board of Directors to ask FCC to change to a system of regulating our ham bands principally by bandwidth of transmitted signal, instead of mode of transmission. I will be sending a second issue to you in a few days that will ask for your help with legislation related to BPL.

REGULATION BY TRANSMITTED BANDWIDTH

I have received many questions and comments about the Board of Directors' evolving plan to ask FCC to shift from regulating our bands by mode to a system of regulating by transmitted bandwidth. Not surprising is the fact that many writers clearly do not understand (1) why doing this is important, (2) exactly what details of the plan are being considered and (3) what this will mean to "us" active Amateur Radio operators. Very clearly, some folks believe they know all of this when they do not. Equally clearly, it is time to begin explaining different aspects of the draft proposal as it currently exists.

Currently exists? Yes, currently. This remains a work-in-progress.

Here are a few questions I've received and answers to these questions:

I. WHY IS THE BOARD CONSIDERING CHANGING THE WAY OUR BANDS ARE REGULATED?

A. There are three basic reasons for considering a change. These are:

- (1) To thrive and hold its own against commercial attempts to grab our frequencies, Amateur Radio needs FCC rules that can stand the test of time for at least 5 to 10 years. Current rules cannot do this.
- (2) Amateur HF operating patterns and technology are shifting. As these evolve, FCC Rules need to accommodate both the changed as well as current uses.
- (3) FCC rules and its system for modifying its rules are too slow and inflexible to meet necessary changes.

Think about these reasons for a moment. We must get the Amateur Radio Service into a position in which we can achieve changes in our operating rules fairly quickly. If we fail to do this we will be unable to adapt to real situations we will face in the future. We will be viewed increasingly as an out-of-date group that increasingly is out-of-touch with the technical reality that surrounds us.

II. WHY IS THE BOARD DEVELOPING A PROPOSAL FOR WINLINK?

A. We have no such proposal.

III. WHAT ARE THE PRINCIPAL ASPECTS OF THE BOARD PROPOSAL?

- (1) As it stands at this time, the proposal would largely shift the assignment of subbands from the FCC to

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amateurs. The FCC currently does little, if anything, to address needs for modifying subbands as our operating practices change. Because we hams do a pretty good job of complying with band plans, shifting responsibility for developing band plans from the Fed. to us makes much more sense than leaving it to the FCC where the needs can be expected to go unattended.

(2) According to the existing band plan, automatic control of certain digital programs is allowed in certain areas. We intend to allow such operations to continue in the future, so long as there are operators who wish to use these. In short: We think it would be wrong to take anything away from anyone. However, we plan to limit areas where automatic control can operate and, thereby, minimize unintentional interference to non-digital modes.

(3) What about AM, FM, ATV, etc.? We plan to propose that any mode of operation that currently is approved for amateur use by FCC will continue to be available legally for as long as amateurs wish to use it. Again, the changes we propose will not take any form of operation away from anyone.

(4) So what is the main reason for the proposed change in regulating our bands? This is simply to make it possible to introduce advances in communications technology into our ham bands more rapidly. Essentially, we hope to have our bands open for use to modes of transmission so long as the transmitted bandwidth falls within the bandwidth permitted in the allocated band segment.

(5) Tentative proposals by frequency band:

160M - Entire band = up to 3 kHz

75/80M - Segments of up to 200 Hz, 500 Hz, and 3 kHz. A sub-segment of 3 kHz would be open to automatic control. AM and Independent SB (ISB) would be authorized by special exemption.

40M - Same as for 80/75.

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30M - Same as for 80/75 except no phone (per international agreement).

20M - Same as for 80/75.

17M - Same as for 80/75 except no automatic control.

15M - Same as for 80/75.

12M - Same as for 80/75 except no automatic control.

10M - Segments of up to 20 Hz, 500 Hz, 3 kHz, and 15 kHz. A sub-segment of 3 kHz would be open to automatic control.

60m - Operation on this band is under special control by FCC and the NTIA. We cannot change these limitations.

If you would like to see more detail about the tentative band plan as

it currently exists, you may go to

<http://www.arrl.org/hdigi?q=bandwidth+regulation>. You will also find a discussion of our current thinking for the UHF/VHF ham bands at this same site.

Please let me know if you have any questions or comments on this planning. You can be certain that "the 'fat lady' hasn't sung yet" on this proposal. As I said "at the top," this is still a work-in-progress. Nothing will be presented to the FCC without Board approval.

8< *snip ... ARRL Expo at Dayton*

73, *Jim*

Jim Weaver, K8JE Director, Great Lakes Division ARRL; <http://www.arrl.org/> 5065 Bethany Rd., Mason, OH 45040

Tel.: 513-459-0142; E-mail: k8je@arrl.org

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June OH Section news

SM: Joe Phillips, K8QOE, Fairfield, (to contact me, see *QST* page 16 or on the Web at www.iarc.ws); ASM-NE: Bob Winston, W2THU, Cleveland; ASM-NW: Ron Griffin, N8AEH, Findlay; ASM-Central: Bill Carpenter, AA8EY, Westerville; ASM-SW: John Haungs, W8STX, Cincinnati; ASM-SE: Connie Hamilton, N8IO, Marietta; SEC: John Chapman, WB8INY, Gahanna; ACC: Joanne Solak, KJ3O, Mantua; TC: Tom Holmes, N8ZM, Tipp City; PIC: Scott Yonally, N8SY, Mansfield; OOC: Rick Swain, KK8O, Galion; SGL: Reuben Meeks, W8GUC, Vandalia.

JUNE SECTION NEWS - Of course June 25-26 is Field Day weekend so let's give a few tips toward increasing your club's score. A little extra effort and understanding of the rules will do the job. Here is a list of points you can qualify for. First, read the rules concerning each of these points enhancements at www.arrl.org/contest/forms. Then set up the items required to qualify.

- Media Publicity-100 pts
- Public Place-100 pts
- Public Information Table-100 pts
- NTS Message to the Section Manager-100 pts
- NTS Message Handling- up to 100 pts possible
- Satellite QSO-100 pts for one contact
- Alternate Power Contacts (no generator) -100 pts possible
- Copying the W1AW Bulletin-100 pts
- Non-Traditional Mode Demo, ATV, SSTV, APRS-up top 300 max
- Site visitation by an invited elected official -100 pts
- Site Visitation by Red Cross, ARES, and/or FEMA official-100 pts
- GOTA contacts - up to 100 pts possible
- Web Submission of scores -50 pts possible
- Youth Participation-up to 100 pts possible
- VHF and UHF are free stations but contacts count

That's it. We can make the Ohio Section a points leader.

OHIO BPL UPDATE The ARRL has endorsed a BPL delivery system. This Motorola Powerline LV system is an improvement over the Home plug system utilized by Current Technologies in Cincinnati by Cinergy Corporation.

Motorola avoids using the medium-voltage (MV) power lines and introduces broadband signals only on the low-voltage (LV) side of the power transformer. This greatly reduces the potential for interference to and from radio users, especially radio amateurs. By confining their Access BPL system to LV lines and by adding hardware notch filters for additional protection to amateur radio frequency allocations, Motorola has addressed the ARRL's interference concerns.

Read the full story and exact details of this endorsement on the ARRL Web Site <www.arrl.org>.

KIDS DAY IN JUNE Ohio Section will join the rest of the country on Saturday, June 18 for Amateur Radio Kids Day - 2 p.m. to 8 p.m. local time. Suggested frequencies: 28.350 to 28.400 kHz, 21.380 to 21.400, 14.270 to 14.300 kHz and 2 meter repeater frequencies with permission from your area repeater sponsor. Observe third party traffic restrictions when making DX QSOs. Suggested exchange: Name, age, location and favorite color. You are encouraged to work the same station again if an operator has changed. Call CQ Kid's Day. All participants are eligible to receive a colorful certificate.

OHIO SECTION SUGGESTS - That you visit the Ohio Section Web Page regularly. You'll find a lot of interesting items there about our Section and updates from our leadership and the League. The sited is constantly changing with new items all the time, so please check-in often. Go to: www.iarc.ws>. Oh by the way, do you want the Ohio Section Journal (OSJ) delivered directly to your E-mail? Go to the same address; <www.iarc.ws>.

OHIO SECTION FUTURE DATES - Saturday, August 27 at Noon is when the Ohio QSO party begins. And pencil in the Ohio Section Conference on Saturday Sept 17 beginning at 9 a.m. at the Ohio EMA Headquarters in northwest Columbus.

OHIO SECTION CLUB NEWS - As I read your newsletters, I see more pleas from newsletter editors for local story ideas and for getting locally written stories in on time. Locally written stories in your newsletter makes your newsletter stronger and thus, your local club stronger.

OHIO SECTION SUGGESTS - That if you have any items for the Ohio Section Journal, contact editor Ron Griffin, N8AEH <n8aeh@arrl.net>. The next edition's deadline is June 10 - strictly enforced.

OHIO SECTION CONGRATS - (A) TO GARY DESCOMBES, N8EMO Hamvention general chairman and JIM NIES, WX8F, assistant general chairman for an outstanding 2005 Dayton Hamvention and further evidence that problems which came to a head after the 2003 show are on their way toward permanent solutions: (B) TO BILL MARTIN, N8TQ; ROGER WEAVER, WM8I; BARBARA WEAVER, N8BAU; and RICK SWAIN, KK8O; all members of the Crawford County ARC for a hilarious performance of the Wouff Hong ritual at the ARRL National Convention in Dayton. Also to RICK BURDICK, K8WWA, of Blue Ash (Hamilton County) for his quality touch. AND (C) To JIM WEAVER, K8JE, Mason, our Division Director, for the regular "Weaver's Words" editions explaining new League policies.

OHIO SECTION JUNE HAMFESTS - SUNDAY (5) Franklin County Hamfest at the Franklin County Fairgrounds (Columbus). For more information, see the web site: <http://www.franklincountystatefair.org> or contact: Chris Lind, KC8BUO, 57 Glencoe Road, Columbus, OH 43214, Phone: 614-267-7779....

SUNDAY (12) Fulton County ARC - Hamfest/Truck Sale. (at the club's Field Day site in Tedrow). For more information, see <http://k8bxq.org> or contact, Angela Infante, KB2AVN, PO Box 521, Wauseon, OH 43567, Phone: 419-822-4382 : E-mail: webmaster@k8bxq.org

SUNDAY (18) - Milford ARC Hamfest at Live Oaks Career Campus (east of Cincinnati). For more information, contact : Chris Reinfelder, KB8SNH, 3782 Grovedale Place, Cincinnati, OH 45208, Phone: 513-351-2776 and/or E-mail: KB8SNH@fuse.net.

DE *Joe Phillips K820E*, Ohio Section Manager

==>ARRL TO SPONSOR AFFINITY CREDIT CARD

The League unveiled its new ARRL VisaR Card--an affinity credit card with U.S. Bank-- at Dayton Hamvention, which is playing host to the ARRL 2005 National Convention. U.S. Bank personnel will be on hand for the launch, Friday, May 20, at the ARRL EXPO 2005 exhibit area with applications for radio amateurs attending the convention who want to be among the first to apply. The no-annual-fee card is available to ARRL members and nonmembers. "With every card issued and every purchase made, ARRL Visa card holders support ARRL programs and services at no additional cost to them," says ARRL Marketing Manager Bob Inderbitzen, NQ1R. "This is a great way for members to show off their support for ARRL and for Amateur Radio."

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The card carries an attractive design with the ARRL logo. The words "Amateur Radio Operator" appear prominently on the face of the card.

Basic information about the ARRL Visa card is available on the ARRL Web site <www.arrl.org/visa>. This page includes a link <<http://www.usbank.com/affinitycreditcards/?loc=9507>> to U.S. Bank's Web site to learn more and to apply.

ARRL membership does not confer automatic eligibility to obtain a card. While there's no annual fee, the ARRL Visa card carries a credit limit of up to \$15,000 and 0 percent APR interest for the first six months. Certain terms and conditions do apply. U.S. Bank is the creditor, issuer and service provider.

At least initially, call signs cannot be embossed onto the card, Inderbitzen says. "We're working with U.S. Bank to find a suitable solution, but that will most likely be further down the line," he explained.

-- *ARRL Letter*, Vol 24 #20, May 20, 2005

==>CW OPS WHIP WHIPPERSNAPPER TEXT MESSENGERS ON NATIONAL TV

It may have been Friday the Thirteenth, but it was a lucky day for Morse code--and particularly for veteran CW contest ops Chip Margelli, K7JA, and Ken Miller, K6CTW. During a May 13 appearance on NBC's The Tonight Show with Jay Leno, the pair was able to pass a message using good old fashioned Morse code more rapidly than a pair of teenaged text messengers equipped with modern cell phones. The victory, which replicated a similar challenge that took place recently in Australia, has provided immense encouragement to Amateur Radio's community of CW operators, who been ballyhooed the achievement all over the Internet. The text messaging team consisted of world text-messaging champ Ben Cook of Utah and his friend Jason. Miller said afterward in a reflector posting that the CW team won fairly handily.

"Ben was just getting ready to start entering the last two words when I was done," he said on the Elecraft reflector in response to various questions he's received following the TV appearance. "I already knew that 28-30 WPM would easily keep us in front of even the current world [text messaging] record holder, and also it is the fastest speed that I can make nice readable copy on paper with a 'stick' [pencil]." Miller said it was decided he'd be on the receiving end because he wasn't distracted by the noise in the studio.

Margelli recalls that he was sending at 29 WPM. "I believe the goods were suitably delivered," he told ARRL. "CW and old guys rule!"

What the viewing public didn't know was that Margelli and Miller had, in Miller's words, "smoked 'em every time" during three pre-program rehearsals. Even so, during the real thing, when Miller raised his hand to signal he'd copied the CW message successfully, Jason's jaw dropped. None of the players had any idea of the text they'd be sending, Miller noted. The message? "I just saved a bunch of money on my car insurance."

As with many Tonight Show bits, this one involved a member of the audience, a young woman named Jennifer who predicted--incorrectly as it turned out--that text messaging definitely would top 170-year-old Morse code. She walked away with a gift of restaurant tickets anyway.

Margelli says the CW team used Yaesu FT-817 transceivers--one of his own and another owned by Dan Dankert, N6PEQ. Backup units--not needed--were provided by HRO; Margelli's wife Janet, KL7MF, manages an HRO store. They ended up using 432.200 MHz as an operating frequency in order to avoid RFI from the plethora of TV equipment in the studio and to avoid interfering with NBC's gear. They ran the little transceivers at their lowest power level and with the antennas disconnected--although they were mounted on the back of each unit--no problem given the close proximity involved. Margelli sent with a Bencher paddle.

To add a little atmosphere to the affair, NBC producers attired Margelli and Miller to look like 19th-century-era Western Union or railroad Morse telegraphers. The costumes came complete with green visors, white shirts, sleeve garters, vests and bow ties. The teenaged SMSers wore T-shirts and jeans.

Cook told Leno that he'd managed to send a 160-letter message to his friend using his cell phone's short message system (SMS)--the formal term for text messaging--in 57 seconds.

A member of the Morse Telegraph Club and a QRP enthusiast, Miller said he'd been using CW for 38 years. Margelli told Leno he'd been using Morse "for 43 years in ham radio," a phrase Leno echoed. That was the only plug Amateur Radio got during the appearance on the show's "Dinner for 4" segment. Miller says that during rehearsal, the pair had come up with a few lines to promote ham radio and telegraphy, but they were cut during the final dress rehearsal in the interest of making the segment fit its allotted time slot. During the Australian competition in April, a Morse team consisting of 93-year-old former post office telegrapher Gordon Hill--the sender--and 82-year-old Jack Gibson--the receiver--topped 13-year-old SMSer Brittany Devlin. In that event, Hill spelled out the message in full, while Devlin used text-messaging shorthand. In that competition, held at the Powerhouse Museum in Sydney, Hill took 90 seconds to send the message, 18 seconds faster than Devlin's message took to reach her friend's cell phone. Miller encouraged all who enjoyed the CW-vs-text messaging segment on NBC to contact The Tonight Show to let the producers know about it--with an eye toward having the network schedule a more elaborate segment "next time."

"Thanks for the kind comments from all," Miller concluded, advising "let's keep on having fun!--It is a hobby after all."

Commented Margelli to ARRL: "I completely agree with my fantastic teammate, Ken Miller. It was a lot of fun, just like ham radio, and the show also delivered an important, if subtle, message about the benefits of the 'basic' communication infrastructure that Amateur Radio provides." *ARRL Letter*, Vol 24 # 20

What's coming in June

Wed Jun 1	9 PM	Tech Talk, Carol WA8YL NCS
Fri Jun 3	7:30 PM	Amateur Radio Public Svc Corps, Hamilton Co Communications Ofc Conference Rm, 2377 Civic Ctr Dr; park in Bd of Ed lot
Tue Jun 7	7:30 PM	Club meeting at WESTERN HILLS CHURCH OF CHRIST, 5064 Sidney Rd (LAST time there!) Program: Tim Hedrick, Local12 Meteorologist
Wed Jun 8	9 PM	Tech Talk, Dale KC8HQS NCS
Sat Jun 11	10 AM	Monthly foxhunt, hounds start from Mt Storm Park; talk-in to start 146.67
Tue Jun 14	7:30 PM	Technical Committee, probably at 146.67
Wed Jun 15	9 PM	Tech Talk, Dennis KB8ROA NCS
Fri Jun 17	7:30 PM	Queen City Emergency Net, Red Cross HQ, 820 Sycamore St
Mon Jun 20	7:30 PM	Robotics Group at Brian K4BRI's
Wed Jun 22	9 PM	Tech Talk, Brian K4BRI NCS
Fri Jun 24	~2 PM	Begin Field Day setup at Mitchell Memorial Forest
Sat Jun 25	2 PM	Field Day operation begins
	~6 PM	Field Day picnic
Sun Jun 26	2 PM	Field Day operation ends
Tue Jun 28	7:30 PM	Board of Directors meeting at Carol WA8YL's
Wed Jun 29	9 PM	Tech Talk, Rick KD4PYR NCS

Oh-Ky-In 2005 Committee Appointments

Technical Committee Brian DeYoung K4BRI
Membership Ken Croll, N8ASV
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 KC8HQS
Equipment Mgr Harry Davis WA8LOJ
Tech Talk Net Mgr Bruce Vanselow N8BV
Silent Key Bruce Vanselow N8BV
ARPS Representative Peter J Feichtner
 KC8BZM

QCEN Representative Peter J. Feichtner III, KC8BZM
WARN Representative – open
Volunteer Examiners Brian DeYoung K4BRI, Chair
Repeater Control Ops Mgr Bruce Vanselow N8BV
Librarian James E Keely KC8PRY
Hamfest Phil Smith KG8AP, Coordinator
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

more What's coming in June

Thu Jun 30 7 PM Hamfest flier label affixing at Salem Presbyterian Church, Mozart & Higbee behind Harrison-Boudinot White Castle
Fri Jul 1 7:30 PM Amateur Radio Public Svc Corps, Hamilton Co Communications Ofc Conference Rm, 2377 Civic Ctr Dr; park in Bd of Ed lot
Tue Jul 5 7:30 PM Club meeting at SALEM PRESBYTERIAN CHURCH, new location Mozart & Higbee behind Harrison-Boudinot White Castle
Program: How cell phones work from Cingular

News of members and students in recent classes

Our sincere condolences to

Glenn E Librock W8KGN's daughter and family. Glenn died May 19. He was a long-time member of Oh-Ky-In

New members

Denis R Boudreau N8PDF

Dan Jordan W8UZ

* **DXCC Desk approves operation for credit:** The ARRL DXCC Desk has approved this operation for DXCC credit: T68G, Afghanistan, current operation effective April 2005. For more information, visit the DXCC Web page <<http://www.arrl.org/awards/dxcc/>>. "DXCC Frequently Asked Questions" <<http://www.arrl.org/awards/dxcc/faq/>> can answer most questions about the DXCC program. ARRL DX bulletins are available on the W1AW DX Bulletins page <<http://www.arrl.org/w1aw/dx/>>.
-- *ARRL Letter*, Vol 24 #20, May 20, 2005

Copy deadline for July 2-Fiver is Friday, June 17

WEAVER'S WORDS -- INDY 500 ISSUE

Sun, 29 May 2005 06:03:58 -0400

WRITE YOUR US REPRESENTATIVE TO CO-SPONSOR HOUSE RESOLUTION 230

Your urgent help is requested on this one.

>From the ARRL web site: US "Representative Rep Michael Ross, WD5DVR, of Arkansas, has introduced a resolution in the US House of Representatives calling on the FCC to "conduct a full and complete analysis" of radio interference from broadband over power line (BPL).

The resolution, House of Representatives Resolution 230, says the Commission should comprehensively evaluate BPL's interference potential incorporating "extensive public review and comment," and--in light of that analysis--to "reconsider and review" it's new BPL rules. If approved by the full House, the non-binding resolution, introduced April 21, would express the requests as "the sense of the House of Representatives." The FCC adopted rules to govern so-called Access BPL last October 14 in ET Docket 04-37."

OK, so what does this mean to you and to your ham friend down the street and to me? It means that we all -- and many more as well -- should send an E-mail to our own US House member (this is, to the House member who currently represents the House District in which each of us live). In this letter, we should ask these House members to co-sponsor House Resolution 230. This Resolution, if passed, would "ask" the FCC to review and reconsider the regulations it approved for BPL, last year.

SPECIAL NOTE: Do NOT send the letter directly to your congressman. Instead, please send it to Zach DeWaters. Zach is an executive for the ARRL account with Chwatco, our retained lobbying firm in Washington, DC. Mr. DeWaters will put your letter into a packet of the other letters they receive for your congressman/woman and will hand-deliver the letters to the respective congressmen/women.

Because of this, address the following letter to your congressman/woman, insert the entire letter (with address, etc.) into the body of an E-mail and send the E-mail to:

zach.dewaters@chwatco.com. Please copy your E-mail to me (k8je@arrl.org).

To find the name and House District of your US Representative, go to: <http://www.house.gov/>. It will expedite your search if you have your ZIP+4 codes.

Rep. _____
U.S. House of Representatives
Washington, DC 20515

Dear Rep. _____

As a federally licensed Amateur Radio operator in your district and as a member of ARRL -- the national association for Amateur Radio, I ask you to support House Resolution 230. This resolution urges the Federal Communications Commission (FCC) to conduct a comprehensive evaluation of the potential of "broadband over power line" (BPL) systems to interfere with public safety and other licensed radio services.

BPL utilizes electric power lines to serve as the conductors of the broadband signals. Unfortunately, because the power lines are not shielded, they also act as antennas and radiate the signals into the air. These radiated signals will interfere with radio receivers tuned to the same frequency range. BPL has only been deployed to a very limited extent, but Amateur Radio already is experiencing severe BPL interference that the FCC has been unable or unwilling to correct. Unlike BPL, other methods of providing broadband Internet services to consumers, such as cable, DSL, wireless and Fiber to the Home, do not pollute the radio spectrum.

Last October 14, the FCC ignored the evidence that BPL systems will cause widespread interference and adopted rules for BPL deployment that provide inadequate protection to radio communication by First Responders and others who need reliable radio communication to ensure

our security. The FCC needs to do what it should have done in the first place: fairly and carefully review this evidence and adopt rules that will keep interference from BPL within reasonable bounds.

Because we need no infrastructure in order to communicate, the Amateur Radio Service is the only 100-percent fail-safe emergency communication capability in the world. Interference from BPL emissions will significantly disrupt this capability. Please cosponsor H. Res. 230 as soon as possible to express your concern over the interference potential of BPL to Amateur Radio operators and to public safety licensees.

Sincerely,

Name

Address

(Email and telephone optional)

Please let me know if you need any additional information. Also, please spread this request throughout your clubs and other amateur groups.

Thanks for your help.

FIELD DAY 2005

Its coming on June 25, 26 (GMT, UTC, Zulu)!

To learn everything there is to know about FD 2005, go to <http://www.arrl.org/htdig/?q=field+day+2005>. From here you can click on links that will take you to the rules, score sheets, report forms, goodies and more. Many of you may want to purchase FD T-shirts that you can wear on this great occasion. Don't wait too long to firm your individual and club plans. Invite the local press and broadcast media, local officials and the public out to show off Amateur Radio. Be sure to have information sheets and a friendly guide ready to conduct tours.

A club officer or guide should also be ready to make brief, pre-planned statements to the members of the Fifth Estate as well as to all visitors. Be certain statements given to the media, government officials and the general public, say what you want to convey to them.

THOUGHT FOR THE DAY

"Old radar men never die - their echoes only fade away in accordance with the inverse square law." (Neil Schwanitz, V73NS/WD8CRT, ALTAIR Radar, Marshall Islands and Michigan.)

NEXT ISSUE: Among other items, I'll share the status of the Amateur Radio Spectrum Protection Act with you, and what we need to do to resume work on it. Frankly, I think we could have gotten this passed in the last Congress if BPL had not demanded our full attention.

FINAL THOUGHT: Thanks to everyone who shared views on the developing Regulation by Bandwidth proposal with me. You have voiced many valid points which warrant thorough consideration along with additional information. I appreciate your help.

73, GL, Jim

Jim Weaver, K8JE

Director, Great Lakes Division ARRL; <http://www.arrl.org/>

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!