



THE Q-FIVER

K8SCH



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

OH-KY-IN Amateur Radio Society Inc.
Our 48th 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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Web Pages

<http://www.ohkyin.org>
<http://www.ardfusa.com> (ARDF)

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

Bob Frey WA6EZV, 8729 Sarahs Bend Dr, Cincinnati OH 45251, 513=741-9953 or [wa6ezv@arrl.net]

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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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Electronic copies: Adobe *Acrobat*

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)

January 2006 Volume 48 Number 1

From the President...

The new year is upon us! I hope everyone had a wonderful Christmas and holiday season, that you ate well and had good fun. Maybe someone left you a nice new rig? Get on the air with it!

Please remember that membership renewal time is here -- if you have not done so, please fill out your membership forms with your annual dues and get them to Bob WA6EZV. Thanks again to Bob for stepping up as membership chair. Get the form from the web page, www.ohkyin.org, if you've misplaced yours.

With the new year let's have a renewed enthusiasm for the club, its meetings, projects, nets, and all activities. Remember that the club is only as good as its members, and we depend on each and every one of **you** for your support in so many ways.

See you at the January meeting!
73, Brian K4BRI

Next meeting

The next club meeting of the OH-KY-IN Amateur Radio Society will feature Bob Spratt N8TVU to talk about volunteering for Hurricane Katrina relief. That club meeting will take place **Tuesday January 3, 2006** (starting at 7:30 P.M.) 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 1-1/2 miles turn left on to Mozart (before the White Castle). The church is on the right. Please enter the building through the doors beneath the front steps.

More info can be found at: <http://www.ohkyin.org>.

Visitors always welcome!

73, Dale KC8HQS

Minutes of members' meeting, Tuesday, December 6, 2005

Brian K4BRI called the meeting to order at 7:38 PM with the Pledge of Allegiance and self-introductions. There were about 35 present. Guests: Steve Brown, Jon Marvin, Leanna and Christian (Bob WB8JHT and Margie KA8MRL's grandchildren).

Gerry KD8ASL has upgraded to Extra. Health and welfare: Bruce N8BV had hip surgery at Deaconess Hospital earlier today. Former member Bob Lipps K8YNU is now at Western Hills Retirement Ctr (Alzheimer's).

Brian K4BRI thanked Dale KC8HQS and Emily K4MLE for hospitality.

Susie N8CGM asked for either additions or corrections to the minutes printed in the December *Q-Fiver*, or a motion to accept: Dick WB4SUV so moved, Tom NG8A second, motion carried.

Bob WA6EZV reported for membership that there are now 40-odd registered renewals. The form can be had from the club website.

Rick KD4PYR reported that the treasury is tracking pretty close to what was expected. The club appears to have lost \$997 in 2005, which is in line with the revised budget. \$20 miscellaneous expense was for repeater coordination. A voter to be bought soon will cost \$300.

Dale KC8HQS reported that there will be more info about Silent Key sales next month.

Lynn WD8JAW said there is SK gear in N Ky too; talk to Bruce N8BV when he gets home from the hospital.

Brian K4BRI reported that .67 was down completely about 3 weeks ago due to storms. The voter has failed and been bypassed. The south site only is hooked up; the Board voted for a spare voter which is now backordered. .925 was cycling last week. The main piece of gear there is down with no spare there either. Technical committee will meet next week at Brian K4BRI's.

Harry WA8LOJ had nothing new to report for club equipment. The Slow Scan Net will be re-visited the first Wednesday of the month, starting in January.

Phil KG8AP reported that paperwork for the 2006 Hamfest has been filed. That committee will meet in January. There may be construction at the school in July.

Classes are done. The student who was taking code achieved his upgrade to General, and has taken all his classes with Oh-Ky-In. Brian K4BRI will provide Susie N8CGM with the name and call for the *Q-Fiver*.

Dick WB4SUV reported for fox hunts that there was an ARDF-style hunt at Miami Whitewater Forest.

Bob WA6EZV will be the fox for this month's regular hunt.

Jim KC8PRY reported that library circulation has gone well and he is in the midst of year end inventory.

Dale KC8HQS reported for Tech Talk. Brian K4BRI is net control tomorrow, Rick KD4PYR will do the Newline tape. Rick announced that there were about 30 check-ins last week.

Pete KC8BZM reported for the liaisons that ARPSC's Christmas meeting will be at the Maple Knoll Manor House on Saturday. QCEN will meet Friday the 16th at Red Cross HQ. Listen for weather on .88; the weather service wants to verify its observers.

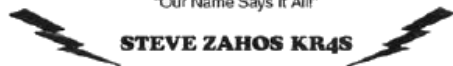


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Old business: Brian K4BRI announced that Sweepstakes at this place achieved a clean sweep of 203 QSOs, 80 sections with 11 operators.

Bob WA6EZV reminded those present that tonight is the deadline for the 2m DFing kits. They are expected in January or February and can be paid for (~\$75) when they arrive. Bob WA6EZV or Brian K4BRI will handle these. They should be buildable as a one-night project, though there may not be room for everyone at the same place. It's hoped they can be finished for the USA championships in April. Dick WB4SUV added that the accompanying antenna can be built at a later date.

Dennis KB8JVK thanked those who helped with the Thanksgiving parade. A write0up should appear in the January *Q-Fiver*. Mention was made of a 146.46 repeater that was heard during the parade.

Nominations for 2006 office and board were closed at the November meeting. Brian K4BRI introduced the incumbents, as the same old list is running again. Those present indicated who they were. Brian then directed the recording secretary to cast a unanimous ballot for the slate, and declared them elected for another year.

They are:

President Brian DeYoung K4BRI
 Vice President Dale Vanselow KC8HQ5
 Corresp Secretary Carol Hugentober WA8YL
 Recordg Secretary Susie Scott N8CGM
 Treasurer Rick Haltermon KD4PYR

Directors: Nathan Ciufu KA3MTT
 Bruce Vanselow N8BV
 Bob Kreimer WB8JHT

New business: Eric N8YC declared that there will be a DXpedition this year and asked that it become a

regular agenda item. After being hurricaned out of Florida 2 years in a row, he announced that the DXers will try for Maine this time.

Membership incentive would have gone to Hal W4YWH had he been present. As he was not, the amount will be \$70 next time.

Door prize drawings then commenced; there were enough door prizes for almost everyone.

Pete KC8BZM moved for adjournment at 8:24 PM, second by Tom NG8A. Motion carried, followed quickly by the arrival of the pizza.

Respectfully submitted, *Susie Scott N8CGM*, Recording Secretary

Tally whole pack!

The December OH-KY-IN fox hunt found the hounds tracking a pack of foxes. Four 1 Watt foxes were dispersed in Winton Woods. They were positioned from the west side, near the horse farms, to the center, by the ranger station just west of Winton Road, to the south east edge of the part near the Frisbee Golf Course. Fox number four was just south of the woods tucked in the back of a church parking lot. All the transmitters were running low power and horizontal antennas. Though, geographically located within two miles of each other, it took some time with only one minute of transmission in every five for the hounds to round up all the foxes. Points were awarded for 1st, 2nd, 3rd etc to each fox. Everyone was a winner but here are the official results:

WB4SUV, Dick and Janie 36 points, 28.2 miles 136:30 minutes

K4BRI, Brian and K4MLE, Emily

Note: Brian and Emily hunted independently on foot to see who paid for lunch.

Brian - 30 Points and 24.4 miles. Time 138:00 minutes

Emily - 24 points (Brian was a little faster, and I think he used the good DF gear)

AA9YH, Matt - Hindered by a lack of an outside antenna, Matt made lots of stops to take bearings with his tape measure Antenna. Points - 22, 22.6 miles. Time 145:10

73, *Bob WA6EZV*

VE exam opportunities

1st 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

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

2d Monday each month: Kentucky (Edgewood), NKARA, at Turkeyfoot Middle School, 3230 Turkeyfoot Rd. Registration 6 PM. Follow the signs. Pre-registration preferred, walk-ins accepted. Contact: John Meyers NB8K, 859=472-6690. Talk-in 147.255

3d Wednesday even months except June: DIAL Radio Club at Rm 13, 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 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.

DX Extras

January 2006

Well, winter is here. Now that you don't have grass to cut, picnics to attend, cars to wash, etc. you should be able to find time to turn on the HF rig a bit more often and make enough DX contacts to complete that DXCC award you have been working on for what seems like years.

Congratulations to Brian, K4BRI and all the operators that helped K8SCH gain a clean sweep in the November SSB portion of Sweepstakes.

Come and Gone: The weekend of December 17 saw an unscheduled two day operation from KP5 - Desecheo by N3KS and K3LP. Just another reason to keep an eye on the DX publications.

Market Reef, OJ0B/OJ0J – This operation ended November 29 with some 12,166 QSOs. Not bad for a period with poor propagation.

January:

FR5EZ – Reunion – Scheduled for Jan 11-17.

CE0Z – Juan Fernandez (Robinson Crusoe Island) – Scheduled for Jan 20-28. Check www.ce3bsq.el/ce0z/ for info. Note: This is one of the most wanted spots in South America.

Look for DP0GVN until January 1 on 20 Meters from Neumayer Base in the Antarctica.

Also scheduled in January - Rodriguez, Belize, Somalia, Aruba, and Antigua.

February:

Cross your fingers for this one. 3Y0X, Peter One, Feb. 7-21

JD1 – Ogasawara Feb. 19 – 28.

6W/G4WFQ – Senegal, Feb. 4 -17

RTTY:

EK, Armenia – Anna EK6YL has been active on 20M around 1430z. QSL via SP9ERV.

VQ9, Chagos Islands – Larry VQ9LA has been active on 20M between 1140 and 12220z.

Until next month, GUD DX

73, Bob WA6EZV

Contests

January 2006

- 1 ARRL Straight Key Night; New Year's Snowball Contest; HA Happy New Year Contest; SARTG New Year RTTY Contest; AGCW Happy New Year Contest
- 6-8 ARRL RTTY Roundup; Kids Day, Phone; DARC 10-meter Contest, CW & SSB; Worldwide QRP Federation QSO Party, CW, SSB & Digital; EUCW 160 Meter Contest, CW; Original QRP Contest
- 14-15 MI QRP Club January CW Contest; Midwinter Contest, CW & SSB (Dutch YL Committee); Hunting Lions in the Air, CW & Phone; HA DX Contest, CW; 70 PSKFest, (Penn & OH DX Society)
- 21-23 ARRL January VHF Sweepstakes; NA QSO Party, Phone; 80-Meter Straight Key Sprint; LZ Open Championship, CW; BARTG RTTY Sprint; International United Teenager Contest, CW & SSB; UK DX RTTY Contest
- 28-29 CQ WW 160-Meter Contest, CW; REF French Contest, CW; UBA Contest, Phone, (Royal Union of Belgian Amateur Radio)

Many Contests to chase away the winter cold. Oh, how I miss those warm tube finals! For more information see *QST*, *CQ*, or <http://www.arrl.org/contests/> 73, *Dan KF4AV*

Hamfests &c.

January 2006

- 14 20th Annual SW OH Digital Symposium, sponsored by Dial ARC, at Thesken Hall, Miami Univ Middletown OH, 4200 E University Blvd. From I-75 exit at SR 122 (Exit 32), Go W toward Middletown; continue to Breiel Blvd, turn right (N), continue on Breiel to 6th traffic light. This is entrance to university, 2d bldg is Thesken Hall. Free! Registration from 8 AM, presentations start at 9 AM & continue to 4 PM. Features include digital communications seminars. No fleas! This is a technical society conference/seminar only. Talk-in 146.61, 224.96, 444.825. Info: Carl Morgan K8CM, c/o Miami University, 4200 E University Blvd, Middletown OH; 513=727-3456; [k8cm@qsl.net], www.swohdigi.org
- 15 Sunday Creek AR Federation at TriCounty Jt Vocational School, 15676 SR 691, Nelsonville OH. Public 9 AM-1 PM. From N & W take SR 33E to Nelsonville, go thru town to 5th light, turn right on SR 691, go 1/8 mi past Inn of Hocking College to TriCounty JVS on left; from S & E take SR 33W to Nelsonville, at first light turn left, go 1/8 mi past Inn of Hocking College to TriCounty JVS on left. Fleas, dealers, VE sessions at noon (walk-ins welcomed), free parking, refreshments. Talk-in: 147.15, 147.225. \$5 gate. Info: Russ Ellis N8MWK, 740=767-2226, [n8mwk@arrl.net], www.scarfclub.org

29 Tusco ARC Hamfest at Wallick Auction House, 965 N Wooster Ave, Strasburg OH. I-77, exit 87, go W on SR 250; site is 2 mi on right. Large indoor arena, dealers, refreshments. Talk-in: 146.73 (71.9 Hz). \$5 gate. Info: Gary Green K8WFN, 740=922-4454, [k8wfn@tusco.net], noard.com/tuscoarc.htm

Thanksgiving parade

This annual event appears to have gone well. Those communicating were:

Lynn WD8JAW Harry WA8LOJ Bob WA6EZV Pete KC8BZM
Laurie KF4YWG Rick KD4PYR Chris KI4BOR Kevin N8VRG
and me.

73, Dennis KB8JVK

Anybody do traffic?

THE FOLLOWING IS A MESSAGE FROM THE NET MANAGER OF THE OHIO SINGLE SIDEBAND NET (OSSBN). - Joe Phillips K8QOE, Ohio SM

As of Thursday, Dec 15 the evening session of the OSSBN net will start at 6:30 PM due to poor propagation. We will take it week by week to see if this is working.

Net Controls: Use your own judgement but The Advisory Board and Net Manager suggest that you call the net by using the afternoon call up style by asking for stations With Traffic then ask for stations that can handle the listed traffic before going to regular checkins with or without. If the band drops out early like it has been, maybe we can at least get most of the traffic passed before it does drop.

Thanks and 73,

Ohio Assistant Section Manager *Connie Hamilton N8IO* OSSBN Net Manager

==>ARRL, IARU CONTRIBUTE TO ITU ULTRA-WIDE BAND STUDIES

The ARRL and the International Amateur Radio Union (IARU) have contributed to International Telecommunication Union (ITU) Radiocommunication Sector (ITU-R) studies of Ultra-Wide Band (UWB) short-range RF technology and its potential to interfere with licensed radio services. UWB devices operate by employing very narrow or short-duration RF pulses that result in very sizeable, or wideband, transmission bandwidths. In February 2002, when the FCC released its 122-page Report and Order (R&O) in the UWB proceeding, WT Docket 98-153, it expressed its belief the technology "offers significant benefits for government, public safety, businesses and consumers." But the Commission also allowed that UWB's "substantial benefits" could be outweighed if UWB devices interfered with licensed services and "other important radio operations."

"ITU-R Task Group 1/8 struggled to characterize UWB emissions, such as what frequency ranges, pulse characteristics and power levels," said ARRL Chief Technology Officer Paul Rinaldo, W4RI. Rinaldo and ARRL Technical Relations Specialist Walt Ireland, WB7CSL, served on TG 1/8, took part in many of the Task Group's US studies and preparatory meetings and served as part of the US delegations to ITU-R TG 1/8 international meetings. The League and the IARU also provided the characteristics of Amateur Radio systems.

"The FCC Report and Order on UWB was a starting point for the world body to accept it, reject it or modify it," Rinaldo explained "Whatever was submitted by ARRL had to be consistent--or at least not in disagreement--with the FCC R&O, as well as survive the vetting process for all US contributions to ITU."

Prospective UWB applications include ground-penetrating radars, through-wall imaging, medical imaging and vehicle collision-avoidance systems. The FCC says its analysis indicates that UWB devices can operate on an unlicensed basis without causing harmful interference "provided appropriate technical standards and operational restrictions" are in place.

"Having described the characteristics of UWB devices," said Ireland, "then the problem was to determine how UWB emissions propagate from the device to a radio system that might be interfered with." The wide frequency range over which UWB operates made that task more difficult, he noted.

Peter Chadwick, G3RZP, represented the IARU throughout the life of TG 1/8 and made substantial on-the-spot contributions to the technical work. "The ARRL Laboratory provided basic characteristics of Amateur Radio systems—in this case related to bands between 3.1 and 10 GHz," Ireland added. Ken Pulfer, VE3PU, also contributed to the task group's work.

In the final analysis, the US did not get the rest of the world to accept the FCC's UWB R&O without question. "The Europeans in particular came up with their own ideas on UWB systems and potential interference to systems they want to protect," said Rinaldo. "As a radio service, amateurs didn'tm get everything they desired either, but got the characteristics of our radio systems on record." He says four Draft New Recommendations (DNRs) on UWB characteristics, compatibility, framework and measurement and a report with radio systems gained approval at the Task Group and Study Group levels and soon will circulate to individual administrations for their approval.

"The bottom line? UWB is capable of interfering with radio services," Ireland concluded. "If the UWB device and the radio system—including antenna—are in the same room and so forth, interference is likely." Walls or distance between a UWB device and a radio system make interference less likely, he added.

"In other words, for Amateur Radio stations, UWB interference most likely would be a self-inflicted wound," Rinaldo suggested.

"That is, a computer wireless UWB mouse would probably interfere with receivers in the shack operating in the same bands."

The ARRL Letter, Vol 24 # 48, Dec 9, 2005

What's coming in January

- Sun Jan 1 New Year's Day
- Tue Jan 3 7:30 PM Club meeting at Salem Presbyterian Church, corner Mozart & Higbee, behind Harrison-Boudinot White Castle in Westwood-Cheviot
Program: Bob Spratt N8TVU, Hurricane Katrina relief
- Wed Jan 4 7:30 PM Slow Scan ATV Net, NCS Harry WA8LOJ
9:00 PM Tech Talk, NCS Carol WA8YL
- Fri Jan 6 7:30 PM Hamilton Co Amateur Radio Public Svc Corps, Hamilton Co Communications Ofc Conference Rm, 2377 Civic Ctr Dr (park in Bd of Ed lot)
- Tue Jan 10 7:30 PM Technical Committee meeting if needed, location TBA
- Wed Jan 11 9:00 PM Tech Talk, NCS Dale KC8HQ
- Sat Jan 14 10:00 AM Monthly fox hunt (all else being well), hounds start from Mt Storm Park
Talk-in to start 146.67
- Mon Jan 16 Martin Luther King Day
7:30 PM Robotics Group at Brian K4BRI's
- Wed Jan 18 9:00 PM Tech Talk, NCS Dennis KB8ROA
- Fri Jan 20 7:30 PM Queen City Emergency Net, Red Cross HQ, 820 Sycamore St
- Tue Jan 24 7:30 PM Board of Directors' meeting at Carol WA8YL's
- Wed Jan 25 9:00 PM Tech Talk, NCS Brian K4BRI
- Wed Feb 1 7:30 PM Slow Scan ATV Net, NCS Harry WA8LOJ
9:00 PM Tech Talk, NCS Carol WA8YL
- Fri Feb 3 7:30 PM Hamilton Co Amateur Radio Public Svc Corps, Hamilton Co Communications Ofc Conference Rm, 2377 Civic Ctr Dr (park in Bd of Ed lot)
- Tue Feb 7 7:30 PM Club meeting at Salem Presbyterian Church, corner Mozart & Higbee, behind Harrison-Boudinot White Castle in Westwood-Cheviot
Program: Tim Schoch, ARTIMIS Traffic system,

OH-KY-IN 2005 Committee Appointments

Technical Committee Brian DeYoung K4BRI, Chair
Membership Bob Frey WA6EZV, Chair
Education Chair Ev Giglio KC8JR
Field Day Nathan Ciufo KA3MTT, Chair
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
TVI/RFI Dick Arnett WB4SUV, Chair
Tech Talk Net Mgr Bruce Vanselow N8BV
Silent Key Bruce Vanselow N8BV, Chair
ARPS Representative Peter J Feichtner III KC8BZM

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

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 & students in recent classes

On the mend

Bruce Vanselow N8BV, after hip surgery the day of the December meeting

Upgrade

Gerry Weimer KD8ASL to Extra
David McDannold KC8WPJ from Technician to General

Dues are technically due **now**. Please renew if you have not
already done so. Completed applications & checks go to

Bob Frey WA6EZV
8729 Sarahs Bend Dr
Cinti OH 45251
☘☘☘

With the compliments of the season to all concerned – *Ye Ed*

Copy deadline for February issue is Friday, January 20

